



Job Order Contract Construction Task Catalog[®]

CSI Division 01-46 March 2024 GEJOC16

San Bernardino County
General Engineering



NOT FOR BID

This Page Intentionally Left Blank

00 Using The Construction Task Catalog®	1
01 General Requirements	1
01 10 Summary	1
01 11 Summary Of Work	1
01 20 Price and Payment Procedures	1
01 22 Unit Prices	1
01 30 Administrative Requirements	45
01 35 Special Procedures	45
01 40 Quality Requirements	45
01 41 Regulatory Requirements	45
01 42 References	45
01 45 Quality Control	46
01 50 Temporary Facilities and Controls	49
01 51 Temporary Utilities	49
01 52 Construction Facilities	49
01 53 Temporary Construction	51
01 54 Construction Aids	51
01 55 Vehicular Access and Parking	54
01 56 Temporary Barriers and Enclosures	60
01 57 Temporary Controls	70
01 58 Project Identification	71
01 60 Product Requirements	72
01 65 Product Delivery Requirements	72
01 66 Product Storage and Handling Requirements	72
01 70 Execution and Closeout Requirements	72
01 71 Examination and Preparation	72
01 74 Cleaning and Waste Management	77
01 90 Life Cycle Activities	79
01 91 Commissioning	79
02 Existing Conditions	1
02 20 Assessment	1
02 25 Existing Material Assessment	1
02 30 Subsurface Investigation	1
02 32 Geotechnical Investigations	1
02 40 Demolition and Structure Moving	2
02 41 Demolition	2
02 42 Removal and Salvage of Construction Materials	20
02 43 Structure Moving	20
02 50 Site Remediation	20
02 58 Snow Control	20
02 60 Contaminated Site Material Removal	20
02 61 Removal and Disposal of Contaminated Soils	20
02 65 Underground Storage Tank Removal	21
02 80 Facility Remediation	24
02 81 Transportation and Disposal of Hazardous Materials	24
02 82 Asbestos Remediation	24
02 83 Lead Remediation	32
02 84 Polychlorinated Biphenyl Remediation	37
02 86 Hazardous Waste Drum Handling	38
02 87 Bio-Hazard Material Remediation	39
02 89 Hazmat Ancillary Tasks and Support	48
02 90 Disaster Recovery	48
02 90 50 Cleaning and Disaster Clean-up	48
02 90 55 Emergency Clean-up	53
03 Concrete	1
03 01 Maintenance of Concrete	1
03 01 20 Maintenance of Concrete Reinforcing	1
03 01 30 Maintenance of Cast-In-Place Concrete	1
03 05 Common Work Results For Concrete	4
03 05 13 Concrete Admixtures	4

Table of Contents

03 10 Concrete Forming and Accessories	5
03 11 Concrete Forming	5
03 15 Concrete Accessories	8
03 20 Concrete Reinforcing	19
03 21 Reinforcement Bars	19
03 22 Fabric and Grid Reinforcing	48
03 30 Cast-In-Place Concrete	49
03 30 53 Miscellaneous Cast-in-Place Concrete	49
03 31 Structural Concrete	50
03 35 Concrete Finishing	65
03 37 Specialty Placed Concrete	69
03 39 Concrete Curing	70
03 40 Precast Concrete	70
03 41 Precast Structural Concrete	70
03 48 Precast Concrete Specialties	80
03 50 Cast Decks and Underlayment	83
03 51 Cast Roof Decks	83
03 53 Concrete Topping	83
03 54 Cast Underlayment	84
03 60 Grouting	84
03 61 Cementitious Grouting	84
03 62 Non-Shrink Grouting	84
03 63 Epoxy Grouting	85
03 64 Injection Grouting	85
03 80 Concrete Cutting and Boring	85
03 81 Concrete Cutting	85
03 82 Concrete Boring	86

04 Masonry

1

04 01 Maintenance of Masonry	1
04 01 20 Maintenance of Unit Masonry	1
04 01 50 Maintenance of Refractory Masonry	10
04 05 Common Work Results for Masonry	10
04 05 13 Masonry Mortaring	10
04 05 16 Masonry Grouting	11
04 05 19 Masonry Anchorage and Reinforcing	11
04 05 23 Masonry Accessories	37
04 20 Unit Masonry	39
04 21 Clay Unit Masonry	39
04 22 Concrete Unit Masonry	42
04 23 Glass Unit Masonry	47
04 40 Stone Assemblies	47
04 41 Dry-Placed Stone	47
04 42 Exterior Stone Cladding	47
04 43 Stone Masonry	48
04 50 Refractory Masonry	49
04 51 Flue Liner Masonry	49
04 70 Manufactured Masonry	49
04 72 Cast Stone Masonry	50

05 Metals

1

05 05 Common Work Results for Metals	1
05 05 19 Post-Installed Concrete Anchors	1
05 05 21 Fastening Methods for Metal	12
05 05 23 Metal Fastenings	13
05 10 Structural Metal Framing	78
05 12 Structural Steel Framing	78
05 13 Structural Stainless-Steel Framing	140
05 14 Structural Aluminum Framing	140
05 15 Wire Rope Assemblies	142
05 20 Metal Joists	148
05 21 Steel Joist Framing	148
05 30 Metal Decking	148
05 31 Steel Decking	148
05 36 Composite Metal Decking	152
05 40 Cold-Formed Metal Framing	155
05 41 Structural Metal Stud Framing	155

05 42 Cold-Formed Metal Joist Framing.....	157
05 43 Slotted Channel Framing	157
05 45 Metal Support Assemblies	159
05 50 Metal Fabrications	159
05 51 Metal Stairs	159
05 52 Metal Railings	161
05 53 Metal Gratings	170
05 54 Metal Floor Plates	178
05 55 Metal Stair Treads and Nosings	178
05 56 Metal Castings	180
05 58 Formed Metal Fabrications	180
05 59 Metal Specialties	181
05 70 Decorative Metal	189
05 71 Decorative Metal Stairs	189
05 73 Decorative Metal Railings	190
05 75 Decorative Formed Metal.....	191
06 Wood, Plastics, and Composites	1
06 01 Maintenance of Wood, Plastics, and Composites	1
06 01 10 Maintenance of Rough Carpentry	1
06 01 20 Maintenance of Finish Carpentry	1
06 01 40 Maintenance of Architectural Woodwork	1
06 05 Common Work Results for Wood, Plastics, and Composites	2
06 05 23 Wood, Plastic, and Composite Fastenings	2
06 05 73 Wood Treatment	24
06 10 Rough Carpentry	24
06 11 Wood Framing	24
06 13 Heavy Timber Construction	29
06 15 Wood Decking.....	31
06 16 Sheathing.....	34
06 17 Shop-Fabricated Structural Wood	40
06 18 Glued-Laminated Construction	46
06 20 Finish Carpentry	47
06 22 Millwork	47
06 25 Prefinished Paneling	48
06 40 Architectural Woodwork	49
06 41 Architectural Wood Casework	49
06 42 Wood Paneling.....	64
06 43 Wood Stairs and Railings	67
06 44 Ornamental Woodwork	69
06 46 Wood Trim	70
06 48 Wood Frames	88
06 49 Wood Screens and Exterior Wood Shutters	89
06 50 Structural Plastics.....	89
06 51 Structural Plastic Shapes and Plates	89
06 52 Plastic Structural Assemblies	95
06 53 Plastic Decking	96
06 60 Plastic Fabrications	96
06 65 Plastic Trim	96
06 70 Structural Composites	97
06 74 Composite Gratings	97
06 80 Composite Fabrications.....	99
06 81 Composite Railings	99
06 82 Composite Trim.....	99
06 83 Composite Paneling.....	101
07 Thermal And Moisture Protection	1
07 01 Operation and Maintenance of Thermal and Moisture Protection.....	1
07 01 50 Maintenance of Membrane Roofing.....	1
07 05 Common Work Results for Thermal and Moisture Protection	1
07 05 13 Mobilization Of Crew For Small Quantity Of Roof Work	1
07 10 Dampproofing and Waterproofing	1
07 11 Dampproofing	2
07 13 Sheet Waterproofing	2
07 14 Fluid-Applied Waterproofing	4
07 16 Cementitious and Reactive Waterproofing	4
07 17 Bentonite Waterproofing	5

Table of Contents

07 18 Traffic Coatings	5
07 19 Water Repellents	7
07 20 Thermal Protection	7
07 21 Thermal Insulation	7
07 22 Roof and Deck Insulation	20
07 24 Exterior Insulation and Finish Systems	47
07 25 Weather Barriers	49
07 26 Vapor Retarders	49
07 27 Air Barriers	49
07 30 Steep Slope Roofing	50
07 31 Shingles and Shakes	50
07 32 Roof Tiles	55
07 34 Roofing Underlayment	57
07 40 Roofing and Siding Panels	58
07 41 Roof Panels	58
07 42 Wall Panels	62
07 46 Siding	63
07 50 Membrane Roofing	67
07 51 Built-Up Bituminous Roofing	67
07 52 Modified Bituminous Membrane Roofing	75
07 53 Elastomeric Membrane Roofing	85
07 54 Thermoplastic Membrane Roofing	89
07 56 Fluid-Applied Roofing	96
07 57 Coated Foamed Roofing	97
07 58 Roll Roofing	99
07 59 Membrane Roofing Termination Bar	99
07 60 Flashing and Sheet Metal	99
07 61 Sheet Metal Roofing	99
07 62 Sheet Metal Flashing and Trim	101
07 63 Sheet Metal Roofing Specialties	106
07 65 Flexible Flashing	108
07 70 Roof and Wall Specialties and Accessories	108
07 71 Roof Specialties	108
07 72 Roof Accessories	136
07 73 Roof Protection Board	160
07 76 Roof Pavers	161
07 80 Fire and Smoke Protection	162
07 81 Applied Fireproofing	162
07 84 Firestopping	163
07 90 Joint Protection	171
07 91 Preformed Joint Seals	171
07 92 Joint Sealants	174
07 95 Expansion Control	178

08 Openings 1

08 01 Operation and Maintenance of Openings	1
08 01 10 Operation and Maintenance of Doors and Frames	1
08 01 40 Operation and Maintenance of Entrances, Storefronts, and Curtain Walls	1
08 01 50 Operation and Maintenance of Windows	1
08 01 80 Maintenance of Glazing	1
08 05 Common Work Results for Openings	1
08 05 13 Door Options and Modifications	1
08 10 Doors and Frames	3
08 11 Metal Doors and Frames	3
08 12 Metal Frames	3
08 13 Metal Doors	27
08 14 Wood Doors	51
08 15 Plastic Doors	112
08 16 Composite Doors	112
08 17 Integrated Door Opening Assemblies	117
08 18 Glass Doors	121
08 30 Specialty Doors and Frames	121
08 31 Access Doors and Panels	121
08 33 Coiling Doors and Grilles	122
08 34 Special Function Doors	160
08 35 Folding Doors and Grilles	169
08 36 Panel Doors	169
08 38 Traffic Doors	177

08 40 Entrances, Storefronts, and Curtain Walls	193
08 42 Entrances	193
08 43 Storefronts	198
08 44 Curtain Wall and Glazed Assemblies	202
08 45 Translucent Wall and Roof Assemblies	204
08 50 Windows	205
08 51 Metal Windows	205
08 52 Wood Windows	221
08 53 Plastic Windows	283
08 54 Composite Windows	311
08 56 Special Function Windows	339
08 60 Roof Windows and Skylights	342
08 62 Unit Skylights	342
08 63 Metal-Framed Skylights	347
08 66 Wood-Framed Skylights	352
08 70 Hardware	353
08 71 Door Hardware	353
08 72 Weatherstripping, Thresholds and Seals	438
08 75 Window Hardware	450
08 78 Special Function Hardware	450
08 79 Hardware Accessories	450
08 80 Glazing	451
08 81 Glass Glazing	451
08 83 Mirrors	463
08 84 Plastic Glazing	464
08 85 Glazing Accessories	465
08 87 Glazing Surface Films	466
08 88 Special Function Glazing	467
08 90 Louvers and Vents	468
08 91 Louvers	468
08 95 Vents	500
09 Finishes	1
09 01 Maintenance of Finishes	1
09 01 20 Maintenance of Plaster and Gypsum Board	1
09 01 30 Maintenance of Tiling	1
09 01 60 Maintenance of Flooring	1
09 01 80 Maintenance of Acoustic Treatment	2
09 01 90 Maintenance of Painting and Coating	2
09 05 Common Work Results for Finishes	7
09 05 05 Selective Demolition for Finishes	7
09 05 61 Common Work Results for Flooring Preparation	7
09 05 71 Acoustic Underlayment	7
09 20 Plaster and Gypsum Board	8
09 22 Supports for Plaster and Gypsum Board	8
09 23 Gypsum Plastering	17
09 24 Cement Plastering	18
09 26 Backing Boards and Underlayments	19
09 29 Gypsum Board	20
09 30 Tiling	28
09 30 13 Ceramic Tiling	28
09 30 16 Quarry Tiling	29
09 30 23 Glass Mosaic Tiling	30
09 30 33 Stone Tiling	30
09 31 Thin-Set Tiling	34
09 32 Mortar-Bed Tiling	34
09 34 Waterproofing-Membrane Tiling	35
09 35 Chemical-Resistant Tiling	35
09 39 Tiling Transitions	36
09 50 Ceilings	36
09 51 Acoustical Ceilings	36
09 53 Acoustical Ceiling Suspension Assemblies	51
09 54 Specialty Ceilings	54
09 57 Special Function Ceilings	55
09 60 Flooring	55
09 61 Flooring Treatment	55
09 63 Masonry Flooring	55
09 64 Wood Flooring	55

Table of Contents

09 65 Resilient Flooring.....	59
09 66 Terrazzo Flooring.....	66
09 67 Fluid-Applied Flooring.....	69
09 68 Carpeting.....	70
09 69 Access Flooring.....	84
09 70 Wall Finishes.....	85
09 72 Wall Coverings.....	85
09 73 Wall Carpeting.....	86
09 74 Flexible Wood Sheets.....	86
09 77 Special Wall Surfacing.....	86
09 78 Interior Wall Paneling.....	86
09 80 Acoustic Treatment.....	87
09 81 Acoustic Insulation.....	87
09 84 Acoustic Room Components.....	87
09 90 Painting and Coating.....	88
09 91 Painting.....	88
09 93 Staining and Transparent Finishing.....	199
09 96 High-Performance Coatings.....	204
09 97 Special Coatings.....	208

10 Specialties

1

10 01 Operation and Maintenance of Specialties.....	1
10 01 30 Operation and Maintenance of Fireplaces and Stoves.....	1
10 01 40 Operation and Maintenance of Safety Specialties.....	1
10 01 50 Operation and Maintenance of Storage Specialties.....	1
10 10 Information Specialties.....	1
10 11 Visual Display Units.....	1
10 12 Display Cases.....	8
10 13 Directories.....	8
10 14 Signage.....	11
10 20 Interior Specialties.....	41
10 21 Compartments and Cubicles.....	41
10 22 Partitions.....	67
10 26 Wall and Door Protection.....	72
10 28 Toilet, Bath, and Laundry Accessories.....	83
10 30 Fireplaces and Stoves.....	94
10 31 Manufactured Fireplaces.....	94
10 32 Fireplace Specialties.....	94
10 40 Safety Specialties.....	95
10 41 Emergency Access And Information Cabinets.....	95
10 44 Fire Protection Specialties.....	96
10 45 Photoluminescent Exit Specialties.....	101
10 50 Storage Specialties.....	102
10 51 Lockers.....	102
10 55 Postal Specialties.....	116
10 56 Storage Assemblies.....	117
10 57 Wardrobe And Closet Specialties.....	120
10 70 Exterior Specialties.....	120
10 71 Exterior Protection.....	120
10 73 Protective Covers.....	130
10 75 Flagpoles.....	131
10 80 Other Specialties.....	133
10 81 Pest Control Devices.....	133
10 86 Security Mirrors And Domes.....	134

11 Equipment

1

11 01 Operation and Maintenance of Equipment.....	1
11 01 10 Operation and Maintenance of Vehicle and Pedestrian Equipment.....	1
11 10 Vehicle and Pedestrian Equipment.....	1
11 11 Vehicle Service Equipment.....	1
11 12 Parking Control Equipment.....	2
11 13 Loading Dock Equipment.....	3
11 14 Pedestrian Control Equipment.....	9
11 20 Commercial Equipment.....	11
11 21 Retail and Service Equipment.....	11
11 22 Banking Equipment.....	12
11 28 Office Equipment.....	12

11 30 Residential Equipment	12
11 30 13 Residential Appliances	12
11 30 33 Retractable Stairs	15
11 32 Unit Kitchens	17
11 40 Foodservice Equipment	17
11 41 Foodservice Storage Equipment	17
11 42 Food Preparation Equipment	38
11 44 Food Cooking Equipment	40
11 46 Food Dispensing Equipment	48
11 48 Foodservice Cleaning and Disposal Equipment	53
11 50 Educational and Scientific Equipment	55
11 51 Library Equipment	55
11 52 Audio-Visual Equipment	55
11 53 Laboratory Equipment	64
11 60 Entertainment and Recreation Equipment	73
11 66 Athletic Equipment	73
11 68 Play Field Equipment and Structures	74
11 70 Healthcare Equipment	99
11 71 Medical Sterilizing Equipment	99
11 72 Examination and Treatment Equipment	100
11 73 Patient Care Equipment	102
11 77 Radiology Equipment	104
11 78 Mortuary Equipment	104
11 80 Facility Maintenance and Operation Equipment	104
11 81 Maintenance Equipment	104
11 82 Facility Solid Waste Handling Equipment	105
11 90 Other Equipment	106
11 95 Arts and Crafts Equipment	106
11 97 Security Equipment	106
11 98 Detention Equipment	106

12 Furnishings 1

12 01 Operation and Maintenance of Furnishings	1
12 01 60 Operation and Maintenance of Multiple Seating	1
12 20 Window Treatments	1
12 21 Window Blinds	1
12 22 Curtains and Drapes	1
12 23 Interior Shutters	3
12 24 Window Shades	5
12 25 Window Treatment Operating Hardware	13
12 30 Casework	14
12 31 Manufactured Metal Casework	14
12 35 Specialty Casework	18
12 36 Countertops	21
12 40 Furnishings and Accessories	24
12 41 Office Accessories	24
12 48 Rugs and Mats	24
12 50 Furniture	25
12 55 Detention Furniture	25
12 56 Institutional Furniture	27
12 59 Systems Furniture	35
12 60 Multiple Seating	45
12 61 Fixed Audience Seating	45
12 62 Portable Audience Seating	47
12 66 Telescoping Stands	47

13 Special Construction 1

13 01 Operation and Maintenance of Special Construction	1
13 01 10 Operation and Maintenance of Special Facility Components	1
13 10 Special Facility Components	1
13 11 Swimming Pools	1
13 12 Fountains	2
13 20 Special Purpose Rooms	3
13 21 Controlled Environment Rooms	3
13 30 Special Structures	3
13 34 Fabricated Engineered Structures	3
13 40 Integrated Construction	23

Table of Contents

13 42 Building Modules	23
13 46 Lightning Protection Systems	23
13 47 Facility Protection	24
13 48 Sound, Vibration, and Seismic Control	25
13 49 Radiation Protection	27

14 Conveying Equipment 1

14 01 Operation and Maintenance of Conveying Equipment	1
14 01 20 Operation and Maintenance of Elevators	1
14 01 30 Operation and Maintenance of Escalators and Moving Walks	3
14 20 Elevators	3
14 21 Electric Traction Elevators	3
14 24 Hydraulic Elevators	5
14 26 Limited-Use/Limited-Application Elevators	10
14 27 Custom Elevator Cabs and Doors	10
14 28 Elevator Equipment and Controls	10
14 30 Escalators and Moving Walks	11
14 31 Escalators	11
14 32 Moving Walks	11
14 40 Lifts	11
14 41 People Lifts	11
14 42 Wheelchair Lifts	11
14 90 Other Conveying Equipment	12
14 91 Facility Chutes	12

21 Fire Suppression 1

21 01 Operation and Maintenance of Fire Suppression	1
21 01 10 Operation and Maintenance of Water-Based Fire-Suppression Systems	1
21 01 30 Operation and Maintenance of Fire-Suppression Equipment	1
21 05 Common Work Results for Fire Suppression	1
21 05 13 Common Motor Requirements for Fire-Suppression Equipment	1
21 05 16 Expansion Fittings and Loops for Fire-Suppression Piping	1
21 05 17 Sleeves and Sleeve Seals for Fire-Suppression Piping	2
21 05 19 Meters and Gages for Fire-Suppression Systems	2
21 05 23 General-Duty Valves for Water-Based Fire-Suppression Piping	2
21 05 29 Hangers and Supports for Fire-Suppression Piping and Equipment	4
21 05 33 Heat Tracing for Fire-Suppression Piping	4
21 05 48 Vibration and Seismic Controls for Fire-Suppression Piping and Equipment	4
21 05 53 Identification for Fire-Suppression Piping and Equipment	4
21 07 Fire-Suppression Systems Insulation	4
21 07 16 Fire-Suppression Equipment Insulation	4
21 07 19 Fire-Suppression Piping Insulation	4
21 10 Water-Based Fire-Suppression Systems	4
21 11 Facility Fire-Suppression Water-Service Piping	4
21 12 Fire-Suppression Standpipes	5
21 13 Fire-Suppression Sprinkler Systems	6
21 20 Fire-Extinguishing Systems	34
21 21 Carbon-Dioxide Fire-Extinguishing Systems	34
21 22 Clean-Agent Fire-Extinguishing Systems	35
21 23 Wet-Chemical Fire-Extinguishing Systems	43
21 24 Dry-Chemical Fire-Extinguishing Systems	46
21 30 Fire Pumps	48
21 31 Centrifugal Fire Pumps	48
21 34 Fire Pump Accessories	49

22 Plumbing 1

22 01 Operation and Maintenance of Plumbing	1
22 01 10 Operation and Maintenance of Plumbing Piping and Pumps	1
22 01 40 Operation and Maintenance of Plumbing Fixtures	1
22 05 Common Work Results for Plumbing	2
22 05 13 Common Motor Requirements for Plumbing Equipment	2
22 05 16 Expansion Fittings and Loops for Plumbing Piping	2
22 05 17 Sleeves and Sleeve Seals for Plumbing Piping	2
22 05 19 Meters and Gages for Plumbing Piping	2
22 05 23 General-Duty Valves for Plumbing Piping	2
22 05 29 Hangers and Supports for Plumbing Piping and Equipment	5

22 05 33 Heat Tracing for Plumbing Piping	5
22 05 48 Vibration and Seismic Controls for Plumbing Piping and Equipment	5
22 05 53 Identification for Plumbing Piping and Equipment	5
22 05 76 Facility Drainage Piping Cleanouts	5
22 07 Plumbing Insulation	8
22 07 16 Plumbing Equipment Insulation	8
22 07 19 Plumbing Piping Insulation	8
22 10 Plumbing Piping	39
22 11 Facility Water Distribution	39
22 12 Facility Potable-Water Storage Tanks	105
22 13 Facility Sanitary Sewerage	106
22 14 Facility Storm Drainage	178
22 15 General Service Compressed-Air Systems	190
22 30 Plumbing Equipment	193
22 31 Domestic Water Softeners	193
22 32 Domestic Water Filtration Equipment	195
22 33 Electric Domestic Water Heaters	196
22 34 Fuel-Fired Domestic Water Heaters	199
22 35 Domestic Water Heat Exchangers	202
22 40 Plumbing Fixtures	203
22 41 Residential Plumbing Fixtures	203
22 42 Commercial Plumbing Fixtures	203
22 43 Healthcare Plumbing Fixtures	218
22 45 Emergency Plumbing Fixtures	220
22 46 Security Plumbing Fixtures	225
22 47 Drinking Fountains and Water Coolers	227
22 50 Pool and Fountain Plumbing Systems	230
22 51 Swimming Pool Plumbing Systems	230
22 60 Gas and Vacuum Systems for Laboratory and Healthcare Facilities	238
22 63 Gas Systems for Laboratory and Healthcare Facilities	238
22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities	240
22 67 Processed Water Systems for Laboratory and Healthcare Facilities	260
23 Heating, Ventilating, and Air-Conditioning (HVAC)	1
23 01 Operation and Maintenance of HVAC Systems	1
23 01 10 Operation and Maintenance of Facility Fuel Systems	1
23 01 20 Operation and Maintenance of HVAC Piping and Pumps	1
23 01 30 Operation and Maintenance of HVAC Air Distribution	4
23 01 50 Operation and Maintenance of Central Heating Equipment	5
23 01 60 Operation and Maintenance of Central Cooling Equipment	6
23 05 Common Work Results for HVAC	7
23 05 13 Common Motor Requirements for HVAC Equipment	7
23 05 16 Expansion Fittings and Loops for HVAC Piping	10
23 05 17 Sleeves and Sleeve Seals for HVAC Piping	19
23 05 19 Meters and Gages for HVAC Piping	19
23 05 23 General-Duty Valves For HVAC Piping	23
23 05 29 Hangers and Supports for HVAC Piping and Equipment	49
23 05 33 Heat Tracing for HVAC Piping	78
23 05 48 Vibration and Seismic Controls for HVAC	78
23 05 53 Identification for HVAC Piping and Equipment	83
23 05 66 Anti-Microbial Ultraviolet Emitters for HVAC Ducts and Equipment	83
23 05 93 Testing, Adjusting, and Balancing for HVAC	85
23 07 HVAC Insulation	88
23 07 13 Duct Insulation	88
23 07 16 HVAC Equipment Insulation	89
23 07 19 HVAC Piping Insulation	89
23 08 Commissioning of HVAC	93
23 09 Instrumentation and Control for HVAC	93
23 09 23 Direct-Digital Control System for HVAC	93
23 09 43 Pneumatic Control System For HVAC	118
23 10 Facility Fuel Systems	119
23 11 Facility Fuel Piping	119
23 12 Facility Fuel Pumps	131
23 13 Facility Fuel-Storage Tanks	132
23 20 HVAC Piping and Pumps	140
23 21 Hydronic Piping and Pumps	140
23 22 Steam and Condensate Piping and Pumps	235
23 23 Refrigerant Piping	240

Table of Contents

23 25 HVAC Water Treatment	246
23 30 HVAC Air Distribution.....	246
23 31 HVAC Ducts and Casings	246
23 33 Air Duct Accessories	336
23 34 HVAC Fans	398
23 35 Special Exhaust Systems	414
23 36 Air Terminal Units.....	416
23 37 Air Outlets and Inlets	418
23 38 Ventilation Hoods	434
23 40 HVAC Air Cleaning Devices.....	436
23 41 Particulate Air Filtration	436
23 42 Gas-Phase Air Filtration	442
23 43 Electronic Air Cleaners.....	443
23 50 Central Heating Equipment.....	444
23 51 Breechings, Chimneys, and Stacks.....	444
23 52 Heating Boilers	466
23 53 Heating Boiler Feedwater Equipment.....	483
23 54 Furnaces	484
23 55 Fuel-Fired Heaters	487
23 57 Heat Exchangers for HVAC.....	488
23 60 Central Cooling Equipment.....	489
23 61 Refrigerant Compressors	490
23 62 Packaged Compressor and Condenser Units	491
23 63 Refrigerant Condensers	492
23 64 Packaged Water Chillers.....	494
23 65 Cooling Towers	499
23 70 Central HVAC Equipment	504
23 71 Thermal Storage.....	504
23 72 Air-To-Air Energy Recovery Equipment	504
23 73 Indoor Central-Station Air-Handling Units	505
23 74 Packaged Outdoor HVAC Equipment	524
23 75 Custom-Packaged Outdoor HVAC Equipment.....	538
23 76 Evaporative Air-Cooling Equipment	538
23 80 Decentralized Unitary HVAC Equipment	539
23 81 Decentralized Unitary HVAC Equipment.....	539
23 82 Convection Heating and Cooling Units.....	553
23 83 Radiant Heating Units	569
23 84 Humidity Control Equipment.....	570

25 Integrated Automation 1

25 50 Integrated Automation Facility Controls	1
25 55 Integrated Automation Control of HVAC	1

26 Electrical 1

26 01 Operation and Maintenance of Electrical Systems	1
26 01 10 Operation and Maintenance of Medium-Voltage Electrical Distribution	1
26 01 20 Operation and Maintenance of Low-Voltage Electrical Distribution	3
26 01 26 Maintenance Testing of Electrical Systems.....	13
26 01 30 Operation and Maintenance of Facility Electrical Power Generating and Storing Equipment	14
26 01 50 Operation and Maintenance of Lighting	17
26 05 Common Work Results for Electrical	45
26 05 13 Medium-Voltage Cables	45
26 05 19 Low-Voltage Electrical Power Conductors and Cables	50
26 05 23 Control-Voltage Electrical Power Cables	66
26 05 26 Grounding and Bonding for Electrical Systems.....	66
26 05 29 Hangers and Supports for Electrical Systems.....	70
26 05 33 Raceway and Boxes for Electrical Systems	92
26 05 36 Cable Trays for Electrical Systems	320
26 05 39 Underfloor Raceways for Electrical Systems	407
26 05 43 Underground Ducts and Raceways for Electrical Systems	409
26 05 46 Utility Poles for Electrical Systems	411
26 05 53 Identification for Electrical Systems.....	416
26 05 83 Wiring Connections	416
26 09 Instrumentation and Control for Electrical Systems	419
26 09 13 Electrical Power Monitoring.....	419
26 09 23 Lighting Control Devices	420
26 10 Medium-Voltage Electrical Distribution	444

26 11 Substations	444
26 12 Medium-Voltage Transformers	451
26 13 Medium-Voltage Switchgear	455
26 18 Medium-Voltage Circuit Protection Devices	458
26 19 High-Voltage Circuit Protection	458
26 20 Low-Voltage Electrical Distribution	460
26 21 Low-Voltage Electrical Service Entrance	460
26 22 Low-Voltage Transformers	462
26 24 Switchboards and Panelboards	469
26 25 Enclosed Bus Assemblies	514
26 27 Low-Voltage Distribution Equipment	518
26 28 Low-Voltage Circuit Protective Devices	536
26 29 Low-Voltage Controllers	566
26 30 Facility Electrical Power Generating and Storing Equipment	584
26 31 Photovoltaic Collectors	584
26 32 Packaged Generator Assemblies	587
26 33 Battery Equipment	597
26 35 Power Filters and Conditioners	600
26 36 Transfer Switches	600
26 40 Electrical And Cathodic Protection	605
26 43 Surge Protective Devices	605
26 50 Lighting	609
26 51 Interior Lighting	609
26 52 Safety Lighting	665
26 54 Classified Location Lighting	670
26 55 Special Purpose Lighting	672
26 56 Exterior Lighting	688
27 Communications	1
27 05 Common Work Results for Communications	1
27 05 26 Grounding and Bonding for Communications Systems	1
27 05 29 Hangers and Supports for Communications Systems	1
27 05 33 Conduits and Backboxes for Communications Systems	4
27 05 36 Cable Trays for Communications Systems	4
27 05 39 Surface Raceways for Communications Systems	4
27 05 43 Underground Ducts and Raceways for Communications Systems	4
27 05 46 Utility Poles for Communications Systems	4
27 05 53 Identification for Communications Systems	4
27 10 Structured Cabling	4
27 11 Communications Equipment Room Fittings	4
27 13 Communications Backbone Cabling	11
27 15 Communications Horizontal Cabling	13
27 16 Communications Connecting Cords, Devices, and Adapters	54
27 20 Data Communications	56
27 21 Data Communications Network Equipment	56
27 30 Voice Communications	59
27 31 Voice Communications Switching and Routing Equipment	59
27 32 Voice Communications Terminal Equipment	60
27 40 Audio-Video Communications	61
27 41 Audio-Video Systems	61
27 50 Distributed Communications and Monitoring Systems	63
27 51 Distributed Audio-Video Communications Systems	63
27 52 Healthcare Communications and Monitoring Systems	64
27 53 Distributed Systems	65
28 Electronic Safety and Security	1
28 05 Common Work Results for Electronic Safety and Security	1
28 05 26 Grounding and Bonding for Electronic Safety and Security	1
28 05 53 Identification for Electronic Safety and Security	1
28 10 Access Control	1
28 15 Integrated Access Control Hardware Devices	1
28 16 Access Control Interfaces	1
28 18 Security Access Detection Equipment	17
28 20 Video Surveillance	17
28 21 Surveillance Cameras	17
28 30 Security Detection, Alarm, and Monitoring	37
28 31 Intrusion Detection	37

Table of Contents

28 40 Life Safety	37
28 42 Gas Detection and Alarm	37
28 43 Fuel Oil Detection and Alarm	38
28 46 Fire Detection and Alarm.....	38
28 47 Mass Notification	84
28 49 Electronic Personal Protection Systems	87
31 Earthwork	1
31 01 Maintenance of Earthwork	1
31 01 20 Maintenance of Earth Moving	1
31 05 Common Work Results for Earthwork.....	1
31 05 13 Soils for Earthwork	1
31 05 16 Aggregates for Earthwork.....	2
31 05 36 Equipment Delivery, Pickup, Mobilization and Demobilization.....	4
31 10 Site Clearing	4
31 11 Clearing and Grubbing	4
31 13 Selective Tree and Shrub Removal and Trimming.....	4
31 20 Earth Moving	6
31 22 Grading.....	6
31 23 Excavation and Fill	7
31 24 Embankments	14
31 25 Erosion and Sedimentation Controls	16
31 30 Earthwork Methods	20
31 31 Soil Treatment	20
31 32 Soil Stabilization	20
31 35 Slope Protection	30
31 36 Gabions	30
31 37 Riprap	30
31 40 Shoring and Underpinning	30
31 41 Shoring	31
31 43 Concrete Raising	31
31 45 Vibroflotation and Densification	32
31 50 Excavation Support and Protection.....	32
31 52 Cofferdams	32
31 60 Special Foundations and Load-bearing Elements	32
31 62 Driven Piles	32
31 63 Bored Piles	36
31 64 Caissons.....	38
31 66 Special Foundation.....	42
31 68 Foundation Anchors	42
32 Exterior Improvements	1
32 01 Operation and Maintenance of Exterior Improvements	1
32 01 11 Paving Cleaning	1
32 01 13 Flexible Paving Surface Treatment	2
32 01 16 Flexible Paving Rehabilitation	3
32 01 17 Flexible Paving Repair	5
32 01 26 Rigid Paving Rehabilitation	7
32 01 29 Rigid Paving Repair.....	7
32 01 90 Operation and Maintenance of Planting	8
32 05 Common Work Results for Exterior Improvements.....	12
32 05 23 Cement and Concrete for Exterior Improvements.....	12
32 05 33 Common Work Results for Planting	12
32 10 Bases, Ballasts, and Paving	12
32 11 Base Courses	12
32 12 Flexible Paving	13
32 13 Rigid Paving	20
32 14 Unit Paving	24
32 15 Aggregate Surfacing	27
32 16 Curbs, Gutters, Sidewalks, and Driveways	27
32 17 Paving Specialties	35
32 18 Athletic and Recreational Surfacing	47
32 30 Site Improvements	55
32 31 Fences and Gates	55
32 32 Retaining Walls	137
32 33 Site Furnishings.....	143
32 35 Screening Devices	156

32 39 Manufactured Site Specialties	156
32 80 Irrigation	158
32 84 Planting Irrigation	158
32 90 Planting	176
32 91 Planting Preparation	176
32 92 Turf and Grasses	180
32 93 Plants	185
32 94 Planting Accessories.....	224
32 96 Transplanting	228
33 Utilities	1
33 01 Operation and Maintenance of Utilities	1
33 01 10 Operation and Maintenance of Water Utilities	1
33 01 30 Operation and Maintenance of Sewer Utilities.....	5
33 01 34 Operation and Maintenance of Onsite Wastewater Disposal Systems	88
33 01 40 Operation and Maintenance of Stormwater Utilities	88
33 01 70 Operation and Maintenance of Electrical Utilities	89
33 05 Common Work Results for Utilities.....	91
33 05 07 Trenchless Installation of Utility Piping	91
33 05 09 Piping Specials for Utilities	93
33 05 16 Cast-Iron Utility Pipe	93
33 05 17 Copper Utility Pipe and Tubing	93
33 05 19 Ductile-Iron Utility Pipe	93
33 05 24 Steel Utility Pipe.....	93
33 05 27 Corrugated Metal Utility Pipe	94
33 05 31 Thermoplastic Utility Pipe	94
33 05 33 Polyethylene Utility Pipe	94
33 05 39 Concrete Pipe	95
33 05 41 Vitrified Clay Utility Pipe.....	95
33 05 61 Concrete Manholes.....	95
33 05 63 Concrete Vaults and Chambers.....	96
33 05 81 Metallic Castings for Utility Structures	105
33 05 83 Non-Metallic Accessories for Utility Structures	106
33 05 84 Accessories for Utility Structures	106
33 05 97 Identification and Signage for Utilities.....	109
33 10 Water Utilities	110
33 11 Groundwater Sources.....	110
33 14 Water Utility Transmission and Distribution.....	118
33 16 Water Utility Storage Tanks	229
33 19 Water Utility Metering Equipment	229
33 30 Sanitary Sewerage Utilities	230
33 31 Sanitary Sewerage Piping	230
33 32 Sanitary Sewerage Equipment	237
33 34 Onsite Wastewater Disposal.....	237
33 40 Stormwater Utilities	238
33 41 Subdrainage.....	238
33 42 Stormwater Conveyance	242
33 44 Storm Utility Water Drains	305
33 46 Stormwater Management	306
33 50 Hydrocarbon Utilities	307
33 52 Hydrocarbon Transmission and Distribution.....	307
33 53 Hydrocarbon Utility Pressure Regulation.....	310
33 56 Hydrocarbon Storage.....	310
33 59 Hydrocarbon Utility Metering	310
33 60 Hydronic and Steam Energy Utilities.....	311
33 61 Hydronic Energy Distribution	311
33 70 Electrical Utilities	331
33 71 Electrical Utility Transmission and Distribution.....	331
34 Transportation	1
34 01 Operation and Maintenance of Transportation.....	1
34 01 23 Operation and Maintenance of Railways	1
34 01 43 Operation and Maintenance of Bridges	1
34 05 Common Work Results for Transportation	1
34 05 43 Common Work Results for Bridges	1
34 10 Guideways/Railways	16
34 11 Rail Tracks.....	16

Table of Contents

34 40 Transportation Signaling and Control Equipment	16
34 41 Roadway Signaling and Control Equipment	16
34 43 Airfield Signaling and Control Equipment	25
34 70 Transportation Construction and Equipment	32
34 71 Roadway Construction	32
34 80 Bridges	39
34 82 Bridge Specialties	39
35 Waterway and Marine Construction	1
35 05 Common Work Results for Waterway and Marine Construction	1
35 05 70 Common Work Results for Dams	1
35 20 Waterway and Marine Construction and Equipment	1
35 22 Hydraulic Gates	1
35 24 Dredging	4
40 Process Interconnections	1
40 05 Common Work Results For Process Interconnections	1
40 05 19 Ductile Iron Process Pipe	1
40 05 23 Stainless Steel Process Pipe and Tubing	231
40 05 41 Glass Process Pipe	264
41 Material Processing and Handling Equipment	1
41 01 Operation and Maintenance of Material Processing and Handling Equipment	1
41 01 20 Operation and Maintenance of Piece Material Handling Equipment	1
41 20 Piece Material Handling Equipment	1
41 22 Cranes and Hoists	1
41 50 Material Storage	2
41 53 Storage Equipment and Systems	2
43 Process Gas and Liquid Handling, Purification, and Storage Equipment	1
43 05 Common Work Results for Process Gas and Liquid Handling, Purification, and Storage Equipment	1
43 05 10 Common Work Results for Gas Handling Equipment	1
43 20 Liquid Handling Equipment	1
43 23 Dry Location Liquid Pumps	1
43 24 Suspended Liquid Pumps	2
43 40 Gas and Liquid Storage	2
43 42 Pressurized Tanks And Vessels	2
46 Water And Wastewater Equipment	1
46 30 Water and Wastewater Chemical Feed Equipment	1
46 31 Gas Chemical Feed Equipment	1

About the CTC:

- ☑ This Construction Task Catalog® (CTC) was developed and customized by The Gordian Group, Inc. specifically for **San Bernardino County**, priced locally using current labor, material and equipment costs, and published in March 2024.
- ☑ 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 **San Bernardino County**. 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*.



MasterFormat® is produced jointly by CSI and Construction Specifications Canada (CSC). U.S. copyright is held by CSI and Canadian copyright by CSC. All Rights Reserved. For license information, contact CSI at csi@csinet.org. For more information on MasterFormat visit www.MasterFormat.com

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.
- ☑ Insurance and bonding.
- ☑ Profit.

Using The Construction Task Catalog®

- ☑ 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, portable toilets, and hand wash stations 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

- ☑ 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'.

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

Using The Construction Task Catalog®

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 or Gross 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

1 Ton = 2000 Pounds = 907.185 Kilograms

1 Yard = 3 Feet = 0.9144 Meters

Using The Construction Task Catalog®

Complete Management, PROGEN, eGordian, ezIQC, Construction Task Catalog, Catalog of Construction Tasks, and DMAP are either registered trademarks or trademarks of The Gordian Group, Inc. The names of actual companies and products mentioned herein may be the trademarks of their respective owners.

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.

TRADEMARKS

- ☒ Job Order Contracting Advanced, Job Order Contracting Complete, Job Order Contracting



General Requirements			01
Summary			01 10
Summary Of Work			01 11

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

01 General Requirements

01 10 Summary ⁽⁰¹⁾

01 11 Summary Of Work ^(01 10)

01 11 13 Work Covered by Contract Documents ^(01 11)

Note: For specification publishing. Review specifications for requirements.

01 11 13 00-0001	NTE	Work Covered by Contract Documents	0.00

Note: For specification publishing. Review specifications for requirements.

01 11 19 Purchase Contracts ^(01 11)

01 11 19 00-0001 Purchase Contracts ^(01 11 19)

Note: Purchase Contracts include contracts which are not included in The Construction Task Catalog®.

01 11 19 00-0002	EA	Purchase Contracts	1.00

Note: Purchase Contracts will be paid to the contractor for eligible costs as directed by Owner. 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 Purchase Contracts, list each one separately and add a comment in the "note" block to identify the Purchase Contracts. Insert the appropriate quantity to adjust the base cost to the actual Purchase Contracts. The Adjustment Factor should be 1.00. A copy of each receipt, invoice, or proof of payment shall be submitted with the Price Proposal.

01 11 19 00-0003 County Government Center CCTV ^(01 11 19)

Note: Convergent Technologies' scope of work includes furnishing, installing, programming and commissioning the material listed

01 11 19 00-0004	EA	High-performance fixed dome camera with Deep Learning Processing Unit (DLPU). Forensic WDR, Lightfinder 2.0 and Optimized IR. Discreet, dust- and IK10 vandal-resistant indoor casing. Varifocal 3.4-8.9 mm P-Iris lens with remote zoom and focus (AXIS 02327-001)	659.19
01 11 19 00-0005	EA	High-performance fixed dome camera with Deep Learning Processing Unit (DLPU). Forensic WDR, Lightfinder 2.0 and Optimized IR. Discreet, dust- and IK10 vandal-resistant outdoor casing. Varifocal 3.4-8.9 mm P-Iris lens with remote zoom and focus (AXIS 02328-001)	766.13
01 11 19 00-0006	EA	AXIS P3715-PLVE offers two channels with 2MP per channel, at a frame rate of 30 fps (AXIS 01970-001)	986.78
01 11 19 00-0007	EA	AXIS P3727-PLV Panoramic Camera offers 4x2 MP with 360 IR coverage (AXIS 02218-001)	1,481.24
01 11 19 00-0008	EA	AXIS Q3819-PVE delivers a 180 panoramic overview of extensive areas (AXIS 01819-001)	2,193.27
01 11 19 00-0009	EA	PTZ camera with continues 360 pan and build in IR illumination (660ft) with 32x optical zoom, Autofocus and Focus Recall. HDTV 1080p @ 60fps (1920x1080) in Motion JPEG, H.264, H.265, and Axis Zipstream. Day & Night, IP66, NEMA 4X and NEMA TS2 classic (AXIS 01959-004)	2,718.74
01 11 19 00-0010	EA	Chromated and powder coated aluminum wall mount with 1.5 NPS thread for fixed dome pendant kits. Cable routing from behind or through 3/4 conduit hole on the side (AXIS 5504-821)	92.29
Note: Includes mounting plate, pipe seal and conduit hole cover			
01 11 19 00-0011	EA	Corner Bracket that is compatible with several wall mounts: AXIS T91B61 Wall Mount, AXIS T91D61 Wall Mount 1.5 NPS, AXIS T91G61 Wall Mount, AXIS T91H61 Wall Mount, AXIS T91L61 Wall-and-Pole Mount (AXIS 5017-641)	87.10
01 11 19 00-0012	EA	AXIS T94N01D Pendant Kit comprises a weathershield and a mounting adapter for AXIS P3717-PLV Network Camera (AXIS 01513-001)	97.48
01 11 19 00-0013	EA	Aluminum wall mount with IP66 compartment to safely accommodate power and connectivity accessories (e.g. PoE midspan). IK10 and NEMA 4X rated in Axis (AXIS 5506-951)	218.50
01 11 19 00-0014	EA	Telescopic arm with adjustable length between 783 mm (30.1 in) to 1033 mm (40.7 in) for compensating different parapet thicknesses or obstructive elements on the facade of the building (AXIS 5507-271)	381.06
01 11 19 00-0015	EA	Pendant kit for the AXIS Q60-series and AXIS P55-series PTZ Network Cameras, enables mount on standard 1.5 NPT threaded brackets (AXIS 5502-431)	54.09
01 11 19 00-0016	EA	PowerEdge R740XD2 Server, Dual Intel Xeon Silver 4215 2.5G, 8C/16T, 9.6GT/s, 11M Cache, Turbo, HT (85W) DDR4-2400, 32GB RDIMM, (21) 12TB hard drives, Dual 10GbT BaseTuplinks, Dual hot plug redundant power supplies (1100W), Windows Server 2022 Standard, ProSupport: 3 Years Next Business Day On-Site Service (Dell R740XD2-252TB)	23,998.79
01 11 19 00-0017	EA	SMART-UPS 3000VA LCD RM 2U 120 (APC 2G-SMT3000RU)	2,806.70
01 11 19 00-0018	EA	Security Center Active Directory Integration (users and cardholders) (Genetec GSC-1AD-USCH)	1,510.81
01 11 19 00-0019	EA	GSC Omnicast™ Professional Package (Genetec GSC-Om-P)	1,189.67
Note: Includes: Archiving support, Media Router, Audio, Remote Security Desk, Camera Sequences, Camera Blocking, Camera Dewarping, Time Zone, Edge recording, trickling and archive transfer, Keyboard and Joystick Support, Max. 250 cameras, Max. 10 clients, Max. 20 Archivers			
01 11 19 00-0020	EA	1 camera connection (Genetec GSC-Om-P-1C)	242.06
01 11 19 00-0021	EA	Genetec™ Advantage for 1 Omnicast™ Pro Camera 1 year (Genetec ADV-CAM-P-1Y)	42.17
01 11 19 00-0022	EA	Aruba 6000 24G CL4 4SFP Switch U.S. (Hewlett Packard Company HPE-R8N87A#ABA)	4,194.47
01 11 19 00-0023	EA	23-4P Unshielded Solid Plenum Cat6 Grn Jkt (Windy City Wire 5566060)	464.45
01 11 19 00-0024	EA	DELLWORKSTATION (Dell DELLWORKSTATION)	4,040.28
01 11 19 00-0025	EA	32 FHD IPS PANEL TECH 400 (LG ELECTRONICS CE-32SM5JB)	1,001.43
01 11 19 00-0026	EA	K1 WALL MNT DUAL DISP 2L ARM H (CHIEF / MILESTONE CJ-K1W22HB)	408.28

01 20 Price and Payment Procedures ⁽⁰¹⁾

01 22 Unit Prices ^(01 20)

01 22 16 Unit Price Payment ^(01 22)

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 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 Fees..... 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, invoice, or proof of payment shall be submitted with the Price Proposal.	1.00	
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 Worker Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	101.04	
		<i>For Apprentice, Deduct</i>	-20.21	
01 22 20 00-0003	HR	Insulator..... Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	106.27	
		<i>For Apprentice, Deduct</i>	-21.25	
01 22 20 00-0004	HR	Boilermaker..... Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	102.35	
		<i>For Apprentice, Deduct</i>	-20.47	
01 22 20 00-0005	HR	Brick Layer..... Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	90.61	
		<i>For Apprentice, Deduct</i>	-18.12	
01 22 20 00-0006	HR	Carpenter..... Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	107.23	
		<i>For Apprentice, Deduct</i>	-21.45	
01 22 20 00-0007	HR	Carpenter, Bridge Builder Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	112.34	
		<i>For Apprentice, Deduct</i>	-22.47	
		<i>For Foreperson, Add</i>	5.62	
01 22 20 00-0008	HR	Carpet, Linoleum Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	86.55	
		<i>For Apprentice, Deduct</i>	-17.31	
01 22 20 00-0009	HR	Cement Mason Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	92.10	
		<i>For Apprentice, Deduct</i>	-18.42	
01 22 20 00-0010	HR	Drywall Finisher Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	97.34	
		<i>For Apprentice, Deduct</i>	-19.47	
01 22 20 00-0011	HR	Electrician Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	122.22	
		<i>For Apprentice, Deduct</i>	-24.44	
01 22 20 00-0012	HR	Electrician, Cable Splicer Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	126.80	
		<i>For Apprentice, Deduct</i>	-25.36	
		<i>For Foreperson, Add</i>	6.34	
01 22 20 00-0013	HR	Communication And System Technician Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	77.20	
		<i>For Apprentice, Deduct</i>	-15.44	
01 22 20 00-0014	HR	Equipment Operator (Crane Group 3) Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	120.70	
		<i>For Foreperson, Add</i>	6.04	
01 22 20 00-0015	HR	Equipment Operator (Crane Group 5) Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	121.22	
		<i>For Foreperson, Add</i>	6.06	
01 22 20 00-0016	HR	Equipment Operator (Crane Group 7) Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	121.55	
		<i>For Foreperson, Add</i>	6.08	
01 22 20 00-0017	HR	Equipment Operator (Crane Group 8) Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	121.79	
		<i>For Foreperson, Add</i>	6.09	
01 22 20 00-0018	HR	Equipment Operator (Crane Group 9) Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	122.04	
		<i>For Foreperson, Add</i>	6.10	
01 22 20 00-0019	HR	Equipment Operator (Crane Group 10)..... Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	123.48	
		<i>For Foreperson, Add</i>	6.17	
01 22 20 00-0020	HR	Equipment Operator (Crane Group 11)..... Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	124.91	
		<i>For Foreperson, Add</i>	6.25	
01 22 20 00-0021	HR	Equipment Operator (Crane Group 12)..... Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	126.35	
		<i>For Foreperson, Add</i>	6.32	
01 22 20 00-0022	HR	Equipment Operator (Crane Group 13)..... Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	127.79	
		<i>For Foreperson, Add</i>	6.39	
01 22 20 00-0023	HR	Equipment Operator (Group 2)..... Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	118.34	
		<i>For Apprentice, Deduct</i>	-23.67	
		<i>For Foreperson, Add</i>	5.92	



General Requirements		01	5
Price and Payment Procedures		01 20	
Unit Prices		01 22	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 20 00-0024	HR	Equipment Operator (Group 3).....	118.76	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	-23.75	
		For Foreperson, Add	5.94	
01 22 20 00-0025	HR	Equipment Operator (Group 4).....	120.90	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	-24.18	
01 22 20 00-0026	HR	Equipment Operator (Group 6).....	121.22	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	-24.24	
		For Foreperson, Add	6.06	
01 22 20 00-0027	HR	Equipment Operator (Group 8).....	121.38	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	-24.28	
01 22 20 00-0028	HR	Equipment Operator (Group 10).....	121.55	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	-24.31	
		For Foreperson, Add	6.08	
01 22 20 00-0029	HR	Equipment Operator (Group 12).....	121.79	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	-24.36	
		For Foreperson, Add	6.09	
01 22 20 00-0030	HR	Glazier.....	108.41	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	-21.68	
01 22 20 00-0031	HR	Laborer.....	96.60	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
01 22 20 00-0032	HR	Lather.....	99.45	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	-19.89	
01 22 20 00-0033	HR	Marble Setter.....	90.61	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	-18.12	
01 22 20 00-0034	HR	Millwright.....	100.70	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	-20.14	
01 22 20 00-0035	HR	Mold Removal Worker.....	100.63	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	-20.13	
		For Foreperson, Add	5.03	
01 22 20 00-0036	HR	Painter, Ordinary.....	76.49	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	-15.30	
01 22 20 00-0037	HR	Painter, Structural Steel.....	81.47	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	-16.29	
01 22 20 00-0038	HR	Paperhanger.....	76.49	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	-15.30	
01 22 20 00-0039	HR	Pile Drivers.....	106.25	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	-21.25	
01 22 20 00-0040	HR	Plasterer.....	95.17	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	-19.03	
01 22 20 00-0041	HR	Plumber.....	110.03	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	-22.01	
01 22 20 00-0042	HR	Powderman.....	105.84	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	-21.17	
01 22 20 00-0043	HR	Rodman (Reinforcing)/Ornamental Steel Worker.....	103.99	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	-20.80	
01 22 20 00-0044	HR	Roofer, Composite.....	113.79	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	-22.76	
01 22 20 00-0045	HR	Roofer, Metal.....	144.96	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	-28.99	
		For Foreperson, Add	7.25	
01 22 20 00-0046	HR	Roofer, Tile/Slate.....	110.16	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	-22.03	
01 22 20 00-0047	HR	Sheet Metal Worker.....	117.11	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	-23.42	
01 22 20 00-0048	HR	Sprinkler Installer.....	108.63	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	-21.73	
01 22 20 00-0049	HR	Steam / Pipe Fitter.....	110.03	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	-22.01	
01 22 20 00-0050	HR	Stone Mason.....	90.61	
		Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
		For Apprentice, Deduct	-18.12	

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 00-0051	HR	Structural Steel Worker..... Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	107.14	
		<i>For Apprentice, Deduct</i>	-21.43	
01 22 20 00-0052	HR	Tile Layer..... Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	87.03	
		<i>For Apprentice, Deduct</i>	-17.41	
01 22 20 00-0053	HR	Terrazzo Worker..... Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	82.11	
		<i>For Apprentice, Deduct</i>	-16.42	
01 22 20 00-0054	HR	Truck Driver (Group 2)..... Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	93.63	
		<i>For Apprentice, Deduct</i>	-18.73	
01 22 20 00-0055	HR	Truck Driver (Group 3)..... Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	93.82	
		<i>For Apprentice, Deduct</i>	-18.76	
		<i>For Foreperson, Add</i>	4.69	
01 22 20 00-0056	HR	Truck Driver (Group 4)..... Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	94.10	
		<i>For Apprentice, Deduct</i>	-18.82	
		<i>For Foreperson, Add</i>	4.71	
01 22 20 00-0057	HR	Truck Driver (Group 5)..... Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	94.15	
		<i>For Apprentice, Deduct</i>	-18.83	
		<i>For Foreperson, Add</i>	4.71	
01 22 20 00-0058	HR	Truck Driver (Group 6)..... Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	94.19	
		<i>For Apprentice, Deduct</i>	-18.84	
01 22 20 00-0059	HR	Truck Driver (Group 7)..... Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	94.56	
		<i>For Apprentice, Deduct</i>	-18.91	
01 22 20 00-0060	HR	Truck Driver (Group 8)..... Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	94.93	
		<i>For Apprentice, Deduct</i>	-18.99	
		<i>For Foreperson, Add</i>	4.75	
01 22 20 00-0061	HR	Truck Driver (Group 9)..... Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	95.23	
		<i>For Apprentice, Deduct</i>	-19.05	
		<i>For Foreperson, Add</i>	4.76	
01 22 20 00-0062	HR	Class I Diver..... Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	209.34	
01 22 20 00-0063	HR	Class III Diver Tender..... Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	117.45	
01 22 20 00-0064	HR	D1 Certified Welder..... Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	124.61	
01 22 20 00-0065		Rates For Services (01 22 20)		
01 22 20 00-0066	HR	Watch/Guard Person, Unarmed.....	37.86	
01 22 20 00-0067	HR	Watch/Guard Person, Armed.....	48.66	
01 22 20 00-0068	HR	Senior Surveyor (Party Chief).....	131.20	
01 22 20 00-0069	HR	Surveyor (Instrument person).....	122.59	
01 22 20 00-0070	HR	Surveyor (Rod Person).....	121.61	
01 22 20 00-0071	HR	On-Site Certified Materials Testing Technician.....	90.85	
01 22 20 00-0072	HR	Certified Industrial Hygienist.....	122.50	
01 22 20 00-0073	MI	Mileage For Professional Services (Engineering, Surveying, Etcetera)..... 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.	0.66	
01 22 20 00-0074	HR	Fire Watch Laborer..... 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.	96.60	
01 22 20 00-0075		Rates For Project Management Services (01 22 20)		
01 22 20 00-0076	HR	Project Manager.....	156.25	
01 22 20 00-0077		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 00-0078	HR	Principal Architect.....	237.50	
01 22 20 00-0079	HR	Senior Architect.....	175.00	
01 22 20 00-0080	HR	Architect.....	137.50	
01 22 20 00-0081	HR	Principal Engineer.....	205.00	
01 22 20 00-0082	HR	Senior Engineer.....	170.00	
01 22 20 00-0083	HR	Engineer.....	133.75	
01 22 20 00-0084	HR	Draft Person.....	70.00	
01 22 20 00-0085		Rates For Traffic Control (01 22 20)		



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

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 20 00-0086 HR Flagperson For Traffic Control	96.60	
01 22 20 00-0087 Mobilize Equipment (01 22 20)		
01 22 20 00-0088 HR Escort Vehicle With Driver	107.65	
01 22 20 00-0089 HR Transport Vehicle With Driver	140.10	
01 22 20 00-0090 Diver Rates (01 22 20)		
01 22 20 00-0091 DAY Four Person Dive Team With No Decompression Chamber (Up To Fifty Feet)	5,237.71	
Note: Includes labor and equipment to perform the dive portion of the job. Excludes welding machines, underwater burning and welding rigs, generators, tools, underwater video equipment, air compressors, pumps, and boats.		
01 22 20 00-0092 DAY Eight Person Dive Team With Decompression Chamber (Up To Two Hundred Feet)	9,758.37	
Note: Includes labor and equipment to perform the dive portion of the job. Excludes welding machines, underwater burning and welding rigs, generators, tools, underwater video equipment, air compressors, pumps, and boats.		
01 22 20 00-0093 DAY Decompression Chamber And 5120 Air Compressor	1,473.40	
01 22 20 00-0094 DAY Decompression Chamber Stand-By	669.72	
01 22 20 00-0095 NPP HP Air Bottles (NPP To Be Billed At Cost Plus 15%)	0.00	
01 22 20 00-0096 NPP Oxygen Bottles (NPP To Be Billed At Cost Plus 15%)	0.00	
01 22 20 00-0097 NPP Nitrox Bottles (NPP To Be Billed At Cost Plus 15%)	0.00	
01 22 20 00-0098 DAY Mixed Gas Console	133.94	
01 22 20 00-0099 DAY Bail Out System	334.86	
01 22 20 00-0100 DAY Explosive Meter	120.55	
01 22 20 00-0101 DAY 200 Amperes, Welding Machine With Leads	288.38	
01 22 20 00-0102 DAY 400 Amperes, Welding Machine With Leads	400.74	
01 22 20 00-0103 DAY Topside Burning Rig	133.94	
01 22 20 00-0104 DAY Underwater Burning Rig	241.10	
01 22 20 00-0105 DAY Underwater Welding Rig	375.05	
01 22 20 00-0106 EA Underwater Burning Rods	10.45	
01 22 20 00-0107 EA Underwater Welding Rods	5.09	
01 22 20 00-0108 NPP Oxygen / Acetylene (NPP To Be Billed At Cost Plus 15%)	0.00	
01 22 20 00-0109 DAY 2,000 Watt Generator	97.63	
01 22 20 00-0110 DAY 3,000 Watt Generator	111.73	
01 22 20 00-0111 DAY 50 KW Generator	685.68	
01 22 20 00-0112 DAY Hydraulic Unit	267.89	
01 22 20 00-0113 DAY Hydraulic Tools	107.16	
01 22 20 00-0114 DAY Pneumatic Tools	66.97	
01 22 20 00-0115 NPP Concrete Chain Saw Blades (NPP To Be Billed At Cost Plus 15%)	0.00	
01 22 20 00-0116 DAY Roto Drill	107.16	
01 22 20 00-0117 DAY Underwater Video Equipment And Monitor	524.32	
01 22 20 00-0118 DAY Air Compressor <180 CFM	289.69	
01 22 20 00-0119 DAY Air Compressor >180 CFM	459.58	
01 22 20 00-0120 DAY 3" Trash Pump	175.93	
01 22 20 00-0121 DAY 4" Submersible Pump	196.74	
01 22 20 00-0122 DAY 6" Submersible Pump	397.26	
01 22 20 00-0123 DAY 6" Diesel Pump	425.63	
01 22 20 00-0124 DAY Lengths Of Suction Hose (Each)	19.20	
01 22 20 00-0125 DAY Lengths Of Discharge Hose (Each)	19.20	
01 22 20 00-0126 DAY 4 Ton Flatbed Trailer With Sides	200.20	
01 22 20 00-0127 DAY Equipment Storage Trailer	76.19	
01 22 20 00-0128 DAY Equipment Vehicle	329.17	
01 22 20 00-0129 DAY Dive Boat	1,071.56	
01 22 20 00-0130 DAY Jon Boat	107.16	
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. Excludes mobilization unless otherwise stated. See CSI section 01 22 20 00-0085 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	452.44	
For Four-Wheel Drive, Add		101.80
01 22 23 00-0006 WK 40' Engine Powered, Telescoping Boom Man Lift With Platform	1,138.41	
For Four-Wheel Drive, Add		256.14
01 22 23 00-0007 MO 40' Engine Powered, Telescoping Boom Man Lift With Platform	2,554.12	
For Four-Wheel Drive, Add		574.68
For >6 Months (>26 Weeks) , Deduct		-102.16
01 22 23 00-0008 DAY 60' Engine Powered, Telescoping Boom Man Lift With Platform	664.07	
For Four-Wheel Drive, Add		149.42
01 22 23 00-0009 WK 60' Engine Powered, Telescoping Boom Man Lift With Platform	1,583.56	
For Four-Wheel Drive, Add		356.30

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 00-0010 MO 60' Engine Powered, Telescoping Boom Man Lift With Platform For Four-Wheel Drive, Add For >6 Months (>26 Weeks) , Deduct	3,466.31 779.92 -138.65	
01 22 23 00-0011 DAY 80' Engine Powered, Telescoping Boom Man Lift With Platform For Four-Wheel Drive, Add WK 80' Engine Powered, Telescoping Boom Man Lift With Platform For Four-Wheel Drive, Add MO 80' Engine Powered, Telescoping Boom Man Lift With Platform For Four-Wheel Drive, Add For >6 Months (>26 Weeks) , Deduct	1,291.66 290.62 3,130.63 704.39 6,567.75 1,477.74 -262.71	
01 22 23 00-0014 DAY 110' Engine Powered, Telescoping Boom Man Lift With Platform For Four-Wheel Drive, Add WK 110' Engine Powered, Telescoping Boom Man Lift With Platform For Four-Wheel Drive, Add MO 110' Engine Powered, Telescoping Boom Man Lift With Platform For Four-Wheel Drive, Add For >6 Months (>26 Weeks) , Deduct	1,838.97 413.77 4,428.12 996.33 11,033.82 2,482.61 -441.35	
01 22 23 00-0017 DAY 120' Engine Powered, Telescoping Boom Man Lift With Platform For Four-Wheel Drive, Add WK 120' Engine Powered, Telescoping Boom Man Lift With Platform For Four-Wheel Drive, Add MO 120' Engine Powered, Telescoping Boom Man Lift With Platform For Four-Wheel Drive, Add For >6 Months (>26 Weeks) , Deduct	2,240.33 504.07 5,713.94 1,285.64 12,989.55 2,922.65 -519.58	
01 22 23 00-0020 Articulating (Up/Over) Boom Man Lifts With Platform (01 22 23 00-0020)		
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 01 22 23 00-0023 WK 34' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform 01 22 23 00-0024 MO 34' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform For >6 Months (>26 Weeks) , Deduct	456.56 1,145.54 2,755.93 -110.24	
01 22 23 00-0025 DAY 45' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform 01 22 23 00-0026 WK 45' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform 01 22 23 00-0027 MO 45' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform For >6 Months (>26 Weeks) , Deduct	581.07 1,270.05 3,152.72 -126.11	
01 22 23 00-0028 DAY 60' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform 01 22 23 00-0029 WK 60' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform 01 22 23 00-0030 MO 60' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform For >6 Months (>26 Weeks) , Deduct	747.09 1,726.61 3,859.96 -154.40	
01 22 23 00-0031 DAY 80' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform 01 22 23 00-0032 WK 80' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform 01 22 23 00-0033 MO 80' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform For >6 Months (>26 Weeks) , Deduct	1,303.26 3,071.37 7,469.24 -298.77	
01 22 23 00-0034 DAY 125' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform 01 22 23 00-0035 WK 125' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform 01 22 23 00-0036 MO 125' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform For >6 Months (>26 Weeks) , Deduct	2,531.80 5,976.72 14,609.76 -584.39	
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 01 22 23 00-0039 WK 30' Electric, Articulating (Up/Over) Boom Man Lift With Platform 01 22 23 00-0040 MO 30' Electric, Articulating (Up/Over) Boom Man Lift With Platform For >6 Months (>26 Weeks) , Deduct	456.56 1,145.54 2,755.93 -110.24	
01 22 23 00-0041 DAY 35' Electric, Articulating (Up/Over) Boom Man Lift With Platform 01 22 23 00-0042 WK 35' Electric, Articulating (Up/Over) Boom Man Lift With Platform 01 22 23 00-0043 MO 35' Electric, Articulating (Up/Over) Boom Man Lift With Platform For >6 Months (>26 Weeks) , Deduct	456.56 1,145.54 2,755.93 -110.24	
01 22 23 00-0044 DAY 40' Electric, Articulating (Up/Over) Boom Man Lift With Platform 01 22 23 00-0045 WK 40' Electric, Articulating (Up/Over) Boom Man Lift With Platform 01 22 23 00-0046 MO 40' Electric, Articulating (Up/Over) Boom Man Lift With Platform For >6 Months (>26 Weeks) , Deduct	564.47 1,220.25 3,029.86 -121.19	
01 22 23 00-0047 DAY 45' Electric, Articulating (Up/Over) Boom Man Lift With Platform 01 22 23 00-0048 WK 45' Electric, Articulating (Up/Over) Boom Man Lift With Platform 01 22 23 00-0049 MO 45' Electric, Articulating (Up/Over) Boom Man Lift With Platform For >6 Months (>26 Weeks) , Deduct	564.47 1,220.25 3,029.86 -121.19	
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 01 22 23 00-0053 WK 17' Electric, Scissor Platform Lift 01 22 23 00-0054 MO 17' Electric, Scissor Platform Lift For >6 Months (>26 Weeks) , Deduct	178.13 356.27 728.73 -29.15	
01 22 23 00-0055 DAY 20' Electric, Scissor Platform Lift	194.33	



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

MINOR CSI UOM DESCRIPTION			TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0056	WK	20' Electric, Scissor Platform Lift	388.66	
01 22 23 00-0057	MO	20' Electric, Scissor Platform Lift	777.31	
For >6 Months (>26 Weeks) , Deduct			-31.09	
01 22 23 00-0058	DAY	25' Electric, Scissor Platform Lift	251.01	
01 22 23 00-0059	WK	25' Electric, Scissor Platform Lift	502.01	
01 22 23 00-0060	MO	25' Electric, Scissor Platform Lift	1,076.90	
For >6 Months (>26 Weeks) , Deduct			-43.08	
01 22 23 00-0061	DAY	30' Electric, Scissor Platform Lift	323.88	
01 22 23 00-0062	WK	30' Electric, Scissor Platform Lift	639.66	
01 22 23 00-0063	MO	30' Electric, Scissor Platform Lift	1,416.98	
For >6 Months (>26 Weeks) , Deduct			-56.68	
01 22 23 00-0064	DAY	33' Electric, Scissor Platform Lift	348.17	
01 22 23 00-0065	WK	33' Electric, Scissor Platform Lift	680.15	
01 22 23 00-0066	MO	33' Electric, Scissor Platform Lift	1,538.43	
For >6 Months (>26 Weeks) , Deduct			-61.54	
01 22 23 00-0067	DAY	40' Electric, Scissor Platform Lift	453.43	
01 22 23 00-0068	WK	40' Electric, Scissor Platform Lift	1,125.48	
01 22 23 00-0069	MO	40' Electric, Scissor Platform Lift	3,133.54	
For >6 Months (>26 Weeks) , Deduct			-125.34	
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	437.76	
For Four-Wheel Drive, Add			87.55	
01 22 23 00-0072	WK	25' Engine Powered, Scissor Platform Lift	856.06	
For Four-Wheel Drive, Add			171.21	
01 22 23 00-0073	MO	25' Engine Powered, Scissor Platform Lift	2,091.52	
For Four-Wheel Drive, Add			418.30	
For >6 Months (>26 Weeks) , Deduct			-83.66	
01 22 23 00-0074	DAY	33' Engine Powered, Scissor Platform Lift	447.49	
For Four-Wheel Drive, Add			89.50	
01 22 23 00-0075	WK	33' Engine Powered, Scissor Platform Lift	1,021.44	
For Four-Wheel Drive, Add			204.29	
01 22 23 00-0076	MO	33' Engine Powered, Scissor Platform Lift	2,237.44	
For Four-Wheel Drive, Add			447.49	
For >6 Months (>26 Weeks) , Deduct			-89.50	
01 22 23 00-0077	DAY	40' Engine Powered, Scissor Platform Lift	496.13	
For Four-Wheel Drive, Add			99.23	
01 22 23 00-0078	WK	40' Engine Powered, Scissor Platform Lift	1,138.18	
For Four-Wheel Drive, Add			227.64	
01 22 23 00-0079	MO	40' Engine Powered, Scissor Platform Lift	2,529.28	
For Four-Wheel Drive, Add			505.86	
For >6 Months (>26 Weeks) , Deduct			-101.17	
01 22 23 00-0080	DAY	43' Engine Powered, Scissor Platform Lift	525.31	
For Four-Wheel Drive, Add			105.06	
01 22 23 00-0081	WK	43' Engine Powered, Scissor Platform Lift	1,225.73	
For Four-Wheel Drive, Add			245.15	
01 22 23 00-0082	MO	43' Engine Powered, Scissor Platform Lift	3,015.68	
For Four-Wheel Drive, Add			603.14	
For >6 Months (>26 Weeks) , Deduct			-120.63	
01 22 23 00-0083	DAY	50' Engine Powered, Scissor Platform Lift	982.53	
For Four-Wheel Drive, Add			196.51	
01 22 23 00-0084	WK	50' Engine Powered, Scissor Platform Lift	2,159.62	
For Four-Wheel Drive, Add			431.92	
01 22 23 00-0085	MO	50' Engine Powered, Scissor Platform Lift	5,311.49	
For Four-Wheel Drive, Add			1,062.30	
For >6 Months (>26 Weeks) , Deduct			-212.46	
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	138.82	
01 22 23 00-0088	WK	24', Push-Type, Electric Single Man Personnel Lift	393.34	
01 22 23 00-0089	MO	24', Push-Type, Electric Single Man Personnel Lift	794.39	
For >6 Months (>26 Weeks) , Deduct			-31.78	
01 22 23 00-0090	DAY	30', Push-Type, Electric Single Man Personnel Lift	192.81	
01 22 23 00-0091	WK	30', Push-Type, Electric Single Man Personnel Lift	408.76	
01 22 23 00-0092	MO	30', Push-Type, Electric Single Man Personnel Lift	1,388.25	
For >6 Months (>26 Weeks) , Deduct			-55.53	
01 22 23 00-0093	DAY	36', Push-Type, Electric Single Man Personnel Lift	323.92	
01 22 23 00-0094	WK	36', Push-Type, Electric Single Man Personnel Lift	786.68	
01 22 23 00-0095	MO	36', Push-Type, Electric Single Man Personnel Lift	2,298.32	
For >6 Months (>26 Weeks) , Deduct			-91.93	
01 22 23 00-0096	DAY	40', Push-Type, Electric Single Man Personnel Lift	347.06	
01 22 23 00-0097	WK	40', Push-Type, Electric Single Man Personnel Lift	863.80	
01 22 23 00-0098	MO	40', Push-Type, Electric Single Man Personnel Lift	2,599.11	
For >6 Months (>26 Weeks) , Deduct			-103.96	
01 22 23 00-0099	DAY	15', Self-Propelled, Electric Single Man Personnel Lift	185.10	
01 22 23 00-0100	WK	15', Self-Propelled, Electric Single Man Personnel Lift	370.20	
01 22 23 00-0101	MO	15', Self-Propelled, Electric Single Man Personnel Lift	740.40	
For >6 Months (>26 Weeks) , Deduct			-29.62	
01 22 23 00-0102	DAY	20', Self-Propelled, Electric Single Man Personnel Lift	185.10	

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 00-0103	WK	20', Self-Propelled, Electric Single Man Personnel Lift	370.20	
01 22 23 00-0104	MO	20', Self-Propelled, Electric Single Man Personnel Lift	769.71	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-30.79	
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' To 33' Bucket Truck With Full-Time Operator	1,452.47	
		<i>For Equipment Without Operator, Deduct</i>	-753.53	
01 22 23 00-0107	WK	29' To 33' Bucket Truck With Full-Time Operator	5,864.46	
		<i>For Equipment Without Operator, Deduct</i>	-3,767.64	
01 22 23 00-0108	MO	29' To 33' Bucket Truck With Full-Time Operator	21,663.82	
		<i>For Equipment Without Operator, Deduct</i>	-16,326.46	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-213.49	
01 22 23 00-0109	DAY	38' To 41' Bucket Truck With Full-Time Operator	1,541.43	
		<i>For Equipment Without Operator, Deduct</i>	-753.53	
01 22 23 00-0110	WK	38' To 41' Bucket Truck With Full-Time Operator	6,150.39	
		<i>For Equipment Without Operator, Deduct</i>	-3,767.64	
01 22 23 00-0111	MO	38' To 41' Bucket Truck With Full-Time Operator	22,426.30	
		<i>For Equipment Without Operator, Deduct</i>	-16,326.46	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-243.99	
01 22 23 00-0112	DAY	45' To 48' Bucket Truck With Full-Time Operator	1,770.17	
		<i>For Equipment Without Operator, Deduct</i>	-753.53	
01 22 23 00-0113	WK	45' To 48' Bucket Truck With Full-Time Operator	6,563.40	
		<i>For Equipment Without Operator, Deduct</i>	-3,767.64	
01 22 23 00-0114	MO	45' To 48' Bucket Truck With Full-Time Operator	23,315.86	
		<i>For Equipment Without Operator, Deduct</i>	-16,326.46	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-279.58	
01 22 23 00-0115	DAY	62' Bucket Truck With Full-Time Operator	2,278.49	
		<i>For Equipment Without Operator, Deduct</i>	-753.53	
01 22 23 00-0116	WK	62' Bucket Truck With Full-Time Operator	8,215.44	
		<i>For Equipment Without Operator, Deduct</i>	-3,767.64	
01 22 23 00-0117	MO	62' Bucket Truck With Full-Time Operator	27,763.66	
		<i>For Equipment Without Operator, Deduct</i>	-16,326.46	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-457.49	
01 22 23 00-0118	DAY	85' Bucket Truck With Full-Time Operator	2,532.65	
		<i>For Equipment Without Operator, Deduct</i>	-753.53	
01 22 23 00-0119	WK	85' Bucket Truck With Full-Time Operator	9,105.00	
		<i>For Equipment Without Operator, Deduct</i>	-3,767.64	
01 22 23 00-0120	MO	85' Bucket Truck With Full-Time Operator	30,940.66	
		<i>For Equipment Without Operator, Deduct</i>	-16,326.46	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-584.57	
01 22 23 00-0121	Day	105' Bucket Truck With Full-Time Operator	2,659.73	
		<i>For Equipment Without Operator, Deduct</i>	-753.53	
01 22 23 00-0122	WK	105' Bucket Truck With Full-Time Operator	9,486.24	
		<i>For Equipment Without Operator, Deduct</i>	-3,767.64	
01 22 23 00-0123	MO	105' Bucket Truck With Full-Time Operator	31,245.65	
		<i>For Equipment Without Operator, Deduct</i>	-16,326.46	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-596.77	
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	163.36	
01 22 23 00-0127	WK	100 CFM Diesel Powered Portable Air Compressor	490.07	
01 22 23 00-0128	MO	100 CFM Diesel Powered Portable Air Compressor	1,361.31	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-54.45	
01 22 23 00-0129	DAY	130 CFM Diesel Powered Portable Air Compressor	196.03	
01 22 23 00-0130	WK	130 CFM Diesel Powered Portable Air Compressor	577.20	
01 22 23 00-0131	MO	130 CFM Diesel Powered Portable Air Compressor	1,633.58	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-65.34	
01 22 23 00-0132	DAY	185 CFM Diesel Powered Portable Air Compressor	261.37	
01 22 23 00-0133	WK	185 CFM Diesel Powered Portable Air Compressor	588.09	
01 22 23 00-0134	MO	185 CFM Diesel Powered Portable Air Compressor	1,295.97	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-51.84	
01 22 23 00-0135	DAY	375 CFM Diesel Powered Portable Air Compressor	370.28	
01 22 23 00-0136	WK	375 CFM Diesel Powered Portable Air Compressor	936.58	
01 22 23 00-0137	MO	375 CFM Diesel Powered Portable Air Compressor	2,232.55	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-89.30	
01 22 23 00-0138	DAY	600 CFM Diesel Powered Portable Air Compressor	823.32	
01 22 23 00-0139	WK	600 CFM Diesel Powered Portable Air Compressor	1,982.07	
01 22 23 00-0140	MO	600 CFM Diesel Powered Portable Air Compressor	4,939.93	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-197.60	
01 22 23 00-0141	DAY	750 CFM Diesel Powered Portable Air Compressor	991.04	
01 22 23 00-0142	WK	750 CFM Diesel Powered Portable Air Compressor	2,439.47	
01 22 23 00-0143	MO	750 CFM Diesel Powered Portable Air Compressor	5,989.78	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-239.59	
01 22 23 00-0144	DAY	825 CFM Diesel Powered Portable Air Compressor	991.04	
01 22 23 00-0145	WK	825 CFM Diesel Powered Portable Air Compressor	2,439.47	
01 22 23 00-0146	MO	825 CFM Diesel Powered Portable Air Compressor	5,989.78	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-239.59	
01 22 23 00-0147	DAY	1,300 CFM Diesel Powered Portable Air Compressor	1,154.39	



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 00-0148	WK		1,300 CFM Diesel Powered Portable Air Compressor.....	2,587.58	
01 22 23 00-0149	MO		1,300 CFM Diesel Powered Portable Air Compressor.....	6,900.22	
			For >6 Months (>26 Weeks) , Deduct	-276.01	
01 22 23 00-0150	DAY		1,600 CFM Diesel Powered Portable Air Compressor.....	1,437.55	
01 22 23 00-0151	WK		1,600 CFM Diesel Powered Portable Air Compressor.....	3,234.48	
01 22 23 00-0152	MO		1,600 CFM Diesel Powered Portable Air Compressor.....	8,625.28	
			For >6 Months (>26 Weeks) , Deduct	-345.01	
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	
			For >6 Months (>26 Weeks) , Deduct	-51.80	
01 22 23 00-0157	EA		First Stage Pre-Filter For Portable Negative Air Machines.....	14.49	
01 22 23 00-0158	EA		Second Stage Pre-Filter For Portable Negative Air Machines.....	29.60	
01 22 23 00-0159	EA		High Efficiency Particulate Air (HEPA) Filter, 99.99% Efficient At 0.3 Micron For Portable Negative Air Machines.....	140.93	
01 22 23 00-0160	LF		Flexible Exhaust Duct For Portable Negative Air Machines.....	2.60	
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.....	66.00	
01 22 23 00-0163	WK		Up To 1,000 CFM, Portable Air Scrubber.....	274.34	
01 22 23 00-0164	MO		Up To 1,000 CFM, Portable Air Scrubber.....	759.42	
			For >6 Months (>26 Weeks) , Deduct	-30.38	
01 22 23 00-0165	DAY		>1,000 to 2,000 CFM, Portable Air Scrubber.....	83.50	
01 22 23 00-0166	WK		>1,000 to 2,000 CFM, Portable Air Scrubber.....	345.91	
01 22 23 00-0167	MO		>1,000 to 2,000 CFM, Portable Air Scrubber.....	1,013.88	
			For >6 Months (>26 Weeks) , Deduct	-40.56	
01 22 23 00-0168	DAY		>2,000 To 5,000 CFM, Portable Air Scrubber.....	107.35	
01 22 23 00-0169	WK		>2,000 To 5,000 CFM, Portable Air Scrubber.....	457.24	
01 22 23 00-0170	MO		>2,000 To 5,000 CFM, Portable Air Scrubber.....	1,280.27	
			For >6 Months (>26 Weeks) , Deduct	-51.21	
01 22 23 00-0171	EA		First Stage Pre-Filter For Portable Air Scrubbers.....	19.26	
01 22 23 00-0172	EA		Second Stage Pre-Filter For Portable Air Scrubbers.....	25.62	
01 22 23 00-0173	EA		High Efficiency Particulate Air (HEPA) Filter, 99.99% Efficient At 0.3 Micron For Portable Air Scrubbers.....	236.35	
01 22 23 00-0174			Mobile Ceiling Access Carts For Containment And Filtration(HEPACART HC74) (01 22 23 00-0124)		
			Note: A two person, end entry ceiling access cart with aluminum frame and caster, ICRA LEVEL I-IV compliant, HEPA filtered negative air machine, negative air indicator, 25' retractable extension cord, 10'-6" telescoping antimicrobial enclosure and LED lighting. Includes first and second stage pre-filters, HEPA filter, delivery to job site and pick-up when complete.		
01 22 23 00-0175	DAY		750 CFM, Mobile Ceiling Access Cart For Containment And Filtration (HEPACART HC74).....	281.81	
01 22 23 00-0176	WK		750 CFM, Mobile Ceiling Access Cart For Containment And Filtration (HEPACART HC74).....	920.10	
01 22 23 00-0177	MO		750 CFM, Mobile Ceiling Access Cart For Containment And Filtration (HEPACART HC74).....	3,010.80	
			For >6 Months (>26 Weeks) , Deduct	-120.43	
01 22 23 00-0178			Compaction And Paving Equipment (01 22 23)		
01 22 23 00-0179			Pavers And Rollers (01 22 23 00-0178)		
			Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0180			Pavers (01 22 23 00-0179)		
01 22 23 00-0181	DAY		10' Wide Paving Machine With Full-Time Operator.....	4,376.51	
			For Equipment Without Operator, Deduct	-971.01	
01 22 23 00-0182	WK		10' Wide Paving Machine With Full-Time Operator.....	18,477.05	
			For Equipment Without Operator, Deduct	-4,855.04	
01 22 23 00-0183	MO		10' Wide Paving Machine With Full-Time Operator.....	69,689.38	
			For Equipment Without Operator, Deduct	-21,038.49	
			For >6 Months (>26 Weeks) , Deduct	-1,946.04	
01 22 23 00-0184			Ride-On Self-Propelled, Rubber Tire Rollers (01 22 23 00-0179)		
01 22 23 00-0185	DAY		10 To 12 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator.....	1,310.16	
			For Equipment Without Operator, Deduct	-971.01	
01 22 23 00-0186	WK		10 To 12 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator.....	5,880.82	
			For Equipment Without Operator, Deduct	-4,855.04	
01 22 23 00-0187	MO		10 To 12 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator.....	23,823.09	
			For Equipment Without Operator, Deduct	-21,038.49	
			For >6 Months (>26 Weeks) , Deduct	-111.38	
01 22 23 00-0188	DAY		15 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator.....	1,441.06	
			For Equipment Without Operator, Deduct	-971.01	
01 22 23 00-0189	WK		15 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator.....	6,854.24	
			For Equipment Without Operator, Deduct	-4,855.04	

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 00-0190	MO	15 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i> <i>For >6 Months (>26 Weeks) , Deduct</i>	25,292.74 -21,038.49 -170.17	
01 22 23 00-0191	DAY	30 Ton, Ride-On Self Propelled, 11 Wheel Rubber-Tire Roller With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	1,447.01 -971.01	
01 22 23 00-0192	WK	30 Ton, Ride-On Self Propelled, 11 Wheel Rubber-Tire Roller With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	6,467.49 -4,855.04	
01 22 23 00-0193	MO	30 Ton, Ride-On Self Propelled, 11 Wheel Rubber-Tire Roller With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i> <i>For >6 Months (>26 Weeks) , Deduct</i>	25,578.34 -21,038.49 -181.59	
01 22 23 00-0194 Ride-On Self-Propelled, Padfoot Rollers (01 22 23 00-0179)				
01 22 23 00-0195	DAY	5 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,363.71 -971.01	
01 22 23 00-0196	WK	5 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	5,943.89 -4,855.04	
01 22 23 00-0197	MO	5 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i> <i>For >6 Months (>26 Weeks) , Deduct</i>	24,186.04 -21,038.49 -125.90	
01 22 23 00-0198	DAY	8 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,613.61 -971.01	
01 22 23 00-0199	WK	8 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	6,449.64 -4,855.04	
01 22 23 00-0200	MO	8 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i> <i>For >6 Months (>26 Weeks) , Deduct</i>	25,780.64 -21,038.49 -189.69	
01 22 23 00-0201	DAY	10 To 12 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,673.11 -971.01	
01 22 23 00-0202	WK	10 To 12 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	6,824.49 -4,855.04	
01 22 23 00-0203	MO	10 To 12 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i> <i>For >6 Months (>26 Weeks) , Deduct</i>	26,827.84 -21,038.49 -231.57	
01 22 23 00-0204 Towed, Padfoot Rollers (01 22 23 00-0179)				
01 22 23 00-0205	DAY	48" Wide, 40" Diameter, Towed Padfoot Roller <i>For Equipment Without Operator, Deduct</i>	113.05 -971.01	
01 22 23 00-0206	WK	48" Wide, 40" Diameter, Towed Padfoot Roller <i>For Equipment Without Operator, Deduct</i>	327.25 -4,855.04	
01 22 23 00-0207	MO	48" Wide, 40" Diameter, Towed Padfoot Roller <i>For Equipment Without Operator, Deduct</i> <i>For >6 Months (>26 Weeks) , Deduct</i>	963.90 -38.56	
01 22 23 00-0208	DAY	60" Wide, 60" Diameter, Towed Padfoot Roller <i>For Equipment Without Operator, Deduct</i>	142.80 -971.01	
01 22 23 00-0209	WK	60" Wide, 60" Diameter, Towed Padfoot Roller <i>For Equipment Without Operator, Deduct</i>	398.65 -4,855.04	
01 22 23 00-0210	MO	60" Wide, 60" Diameter, Towed Padfoot Roller <i>For Equipment Without Operator, Deduct</i> <i>For >6 Months (>26 Weeks) , Deduct</i>	1,695.75 -21,038.49 -67.83	
01 22 23 00-0211 Static Rollers (01 22 23 00-0179)				
01 22 23 00-0212	DAY	5 Ton, 2 Drum Articulated Roller With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	1,393.46 -971.01	
01 22 23 00-0213	WK	5 Ton, 2 Drum Articulated Roller With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	6,199.74 -4,855.04	
01 22 23 00-0214	MO	5 Ton, 2 Drum Articulated Roller With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i> <i>For >6 Months (>26 Weeks) , Deduct</i>	25,024.99 -21,038.49 -159.46	
01 22 23 00-0215	DAY	8 To 10 Ton, 2 Drum Articulated Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,524.36 -971.01	
01 22 23 00-0216	WK	8 To 10 Ton, 2 Drum Articulated Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	6,556.74 -4,855.04	
01 22 23 00-0217	MO	8 To 10 Ton, 2 Drum Articulated Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i> <i>For >6 Months (>26 Weeks) , Deduct</i>	26,012.69 -21,038.49 -198.97	
01 22 23 00-0218 Ride-On Self-Propelled, Smooth Drum Vibratory Rollers (01 22 23 00-0179)				
01 22 23 00-0219	DAY	1 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,203.06 -971.01	
01 22 23 00-0220	WK	1 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	5,533.34 -4,855.04	
01 22 23 00-0221	MO	1 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i> <i>For >6 Months (>26 Weeks) , Deduct</i>	22,823.49 -21,038.49 -71.40	
01 22 23 00-0222	DAY	3 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,292.31 -971.01	
01 22 23 00-0223	WK	3 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	5,801.09 -4,855.04	
01 22 23 00-0224	MO	3 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i> <i>For >6 Months (>26 Weeks) , Deduct</i>	23,537.49 -21,038.49 -99.96	
01 22 23 00-0225	DAY	5 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,351.81 -971.01	
01 22 23 00-0226	WK	5 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	5,979.59 -4,855.04	



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

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0227 MO 5 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	24,013.49 -21,038.49 -119.00	
01 22 23 00-0228 DAY 8 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	1,429.16 -971.01 -	
01 22 23 00-0229 WK 8 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	6,205.69 -4,855.04 -	
01 22 23 00-0230 MO 8 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	24,602.54 -21,038.49 -142.56	
01 22 23 00-0231 DAY 11 To 12 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	1,583.86 -971.01 -	
01 22 23 00-0232 WK 11 To 12 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	6,657.89 -4,855.04 -	
01 22 23 00-0233 MO 11 To 12 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	25,798.49 -21,038.49 -190.40	
01 22 23 00-0234 Steel Roadway Plates (01 22 23 00-0178) Note: 3 day minimum. Excludes delivery to job site and pick-up when complete. See CSI section 01 22 23 00-0235 for placement (set-up) from truck and removal from ground (load on truck), 01 71 13 00-0001 for material delivery on truck.		
01 22 23 00-0235 EA Placement And Removal Of Steel Roadway Plates.....	59.85	
01 22 23 00-0236 DAY 1" x 4' x 8' Steel Plate.....	44.12	
01 22 23 00-0237 WK 1" x 4' x 8' Steel Plate.....	104.18	
01 22 23 00-0238 MO 1" x 4' x 8' Steel Plate..... For >6 Months (>26 Weeks) , Deduct	137.10 -5.48	
01 22 23 00-0239 DAY 1" x 4' x 10' Steel Plate.....	58.83	
01 22 23 00-0240 WK 1" x 4' x 10' Steel Plate.....	132.36	
01 22 23 00-0241 MO 1" x 4' x 10' Steel Plate..... For >6 Months (>26 Weeks) , Deduct	161.78 -6.47	
01 22 23 00-0242 DAY 1" x 5' x 10' Steel Plate.....	61.28	
01 22 23 00-0243 WK 1" x 5' x 10' Steel Plate.....	138.49	
01 22 23 00-0244 MO 1" x 5' x 10' Steel Plate..... For >6 Months (>26 Weeks) , Deduct	367.68 -14.71	
01 22 23 00-0245 DAY 1" x 6' x 8' Steel Plate.....	39.22	
01 22 23 00-0246 WK 1" x 6' x 8' Steel Plate.....	88.24	
01 22 23 00-0247 MO 1" x 6' x 8' Steel Plate..... For >6 Months (>26 Weeks) , Deduct	235.32 -9.41	
01 22 23 00-0248 DAY 1" x 6' x 10' Steel Plate.....	73.54	
01 22 23 00-0249 WK 1" x 6' x 10' Steel Plate.....	96.82	
01 22 23 00-0250 MO 1" x 6' x 10' Steel Plate..... For >6 Months (>26 Weeks) , Deduct	258.60 -10.34	
01 22 23 00-0251 DAY 1" x 6' x 12' Steel Plate.....	102.95	
01 22 23 00-0252 WK 1" x 6' x 12' Steel Plate.....	131.75	
01 22 23 00-0253 MO 1" x 6' x 12' Steel Plate..... For >6 Months (>26 Weeks) , Deduct	356.65 -14.27	
01 22 23 00-0254 DAY 1" x 8' x 10' Steel Plate.....	64.96	
01 22 23 00-0255 WK 1" x 8' x 10' Steel Plate.....	145.85	
01 22 23 00-0256 MO 1" x 8' x 10' Steel Plate..... For >6 Months (>26 Weeks) , Deduct	388.52 -15.54	
01 22 23 00-0257 DAY 1" x 8' x 12' Steel Plate.....	117.66	
01 22 23 00-0258 WK 1" x 8' x 12' Steel Plate.....	145.85	
01 22 23 00-0259 MO 1" x 8' x 12' Steel Plate..... For >6 Months (>26 Weeks) , Deduct	705.95 -28.24	
01 22 23 00-0260 DAY 1" x 8' x 16' Steel Plate.....	156.88	
01 22 23 00-0261 WK 1" x 8' x 16' Steel Plate.....	352.97	
01 22 23 00-0262 MO 1" x 8' x 16' Steel Plate..... For >6 Months (>26 Weeks) , Deduct	941.26 -37.65	
01 22 23 00-0263 DAY 1-1/4" x 8' x 10' Steel Plate.....	77.95	
01 22 23 00-0264 WK 1-1/4" x 8' x 10' Steel Plate.....	175.02	
01 22 23 00-0265 MO 1-1/4" x 8' x 10' Steel Plate..... For >6 Months (>26 Weeks) , Deduct	466.22 -18.65	
01 22 23 00-0266 DAY 1-1/2" x 8' x 15' Steel Plate.....	180.41	
01 22 23 00-0267 WK 1-1/2" x 8' x 15' Steel Plate.....	405.92	
01 22 23 00-0268 MO 1-1/2" x 8' x 15' Steel Plate..... For >6 Months (>26 Weeks) , Deduct	1,082.45 -43.30	
01 22 23 00-0269 LF Cold Mix For Temporary Ramp Base, 6" At Edge Of Trench Plate.....	2.65	1.19
01 22 23 00-0270 EA Removal And Resetting Of Steel Roadway Plate.....	33.25	
01 22 23 00-0271 Street Sweepers (01 22 23 00-0178) Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0272 DAY 8' Road Broom, Self Propelled Street Sweeper With Full-Time Operator..... For Equipment Without Operator, Deduct	1,167.67 -967.21	
01 22 23 00-0273 WK 8' Road Broom, Self Propelled Street Sweeper With Full-Time Operator..... For Equipment Without Operator, Deduct	5,630.39 -4,836.05	
01 22 23 00-0274 MO 8' Road Broom, Self Propelled Street Sweeper With Full-Time Operator..... For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	23,786.27 -20,956.23 -113.20	

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 00-0275	DAY	Self-Propelled Street Sweeper With Hopper And Full-Time Operator Note: Truck with main and gutter brooms, elevator, debris hopper and water tank. For Equipment Without Operator, Deduct	2,197.51 -967.21	
01 22 23 00-0276	WK	Self-Propelled Street Sweeper With Hopper And Full-Time Operator Note: Truck with main and gutter brooms, elevator, debris hopper and water tank. For Equipment Without Operator, Deduct	9,764.06 -4,836.05	
01 22 23 00-0277	MO	Self-Propelled Street Sweeper With Hopper And Full-Time Operator Note: Truck with main and gutter brooms, elevator, debris hopper and water tank. For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	38,543.11 -20,956.23 -703.48	
01 22 23 00-0278		Earthmoving Equipment (01 22 23)		
01 22 23 00-0279		Skid-Steer Loaders (01 22 23 00-0278) 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 00-0280	DAY	700 LB Capacity, 36" Wide, Skid-Steer Loader With Full-Time Operator For Equipment Without Operator, Deduct	1,318.56 -967.21	
01 22 23 00-0281	WK	700 LB Capacity, 36" Wide, Skid-Steer Loader With Full-Time Operator For Equipment Without Operator, Deduct	5,757.80 -4,836.05	
01 22 23 00-0282	MO	700 LB Capacity, 36" Wide, Skid-Steer Loader With Full-Time Operator For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	23,176.08 -20,956.23 -88.79	
01 22 23 00-0283	DAY	1,500 To 1,700 LB Capacity, 60" Wide, Skid-Steer Loader With Full-Time Operator For Equipment Without Operator, Deduct	1,411.18 -967.21	
01 22 23 00-0284	WK	1,500 To 1,700 LB Capacity, 60" Wide, Skid-Steer Loader With Full-Time Operator For Equipment Without Operator, Deduct	5,925.39 -4,836.05	
01 22 23 00-0285	MO	1,500 To 1,700 LB Capacity, 60" Wide, Skid-Steer Loader With Full-Time Operator For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	23,543.61 -20,956.23 -103.50	
01 22 23 00-0286	DAY	2,000 To 2,400 LB Capacity, 72" Wide, Skid-Steer Loader With Full-Time Operator For Equipment Without Operator, Deduct	1,437.64 -967.21	
01 22 23 00-0287	WK	2,000 To 2,400 LB Capacity, 72" Wide, Skid-Steer Loader With Full-Time Operator For Equipment Without Operator, Deduct	6,166.49 -4,836.05	
01 22 23 00-0288	MO	2,000 To 2,400 LB Capacity, 72" Wide, Skid-Steer Loader With Full-Time Operator For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	24,183.10 -20,956.23 -129.07	
01 22 23 00-0289	DAY	2,500 To 2,700 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator For Equipment Without Operator, Deduct	1,540.55 -967.21	
01 22 23 00-0290	WK	2,500 To 2,700 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator For Equipment Without Operator, Deduct	6,504.61 -4,836.05	
01 22 23 00-0291	MO	2,500 To 2,700 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	25,300.38 -20,956.23 -173.77	
01 22 23 00-0292	DAY	3,200 To 3,500 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator For Equipment Without Operator, Deduct	1,716.96 -967.21	
01 22 23 00-0293	WK	3,200 To 3,500 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator For Equipment Without Operator, Deduct	7,173.51 -4,836.05	
01 22 23 00-0294	MO	3,200 To 3,500 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	26,946.89 -20,956.23 -239.63	
01 22 23 00-0295	DAY	Hydraulic Hammer Attachment For Skid-Steer Loaders	294.02	
01 22 23 00-0296	WK	Hydraulic Hammer Attachment For Skid-Steer Loaders	977.62	
01 22 23 00-0297	MO	Hydraulic Hammer Attachment For Skid-Steer Loaders For >6 Months (>26 Weeks) , Deduct	2,602.08 -104.08	
01 22 23 00-0298	DAY	Forklift Attachment For Skid-Steer Loaders	63.21	
01 22 23 00-0299	WK	Forklift Attachment For Skid-Steer Loaders	169.06	
01 22 23 00-0300	MO	Forklift Attachment For Skid-Steer Loaders For >6 Months (>26 Weeks) , Deduct	477.78 -19.11	
01 22 23 00-0301	DAY	Backhoe Attachment For Skid-Steer Loaders	139.66	
01 22 23 00-0302	WK	Backhoe Attachment For Skid-Steer Loaders	335.18	
01 22 23 00-0303	MO	Backhoe Attachment For Skid-Steer Loaders For >6 Months (>26 Weeks) , Deduct	833.55 -33.34	
01 22 23 00-0304	DAY	Broom Attachment For Skid-Steer Loaders	138.19	
01 22 23 00-0305	WK	Broom Attachment For Skid-Steer Loaders	374.88	
01 22 23 00-0306	MO	Broom Attachment For Skid-Steer Loaders For >6 Months (>26 Weeks) , Deduct	992.32 -39.69	
01 22 23 00-0307	DAY	Concrete Pump Attachment For Skid-Steer Loaders	294.02	
01 22 23 00-0308	WK	Concrete Pump Attachment For Skid-Steer Loaders	977.62	
01 22 23 00-0309	MO	Concrete Pump Attachment For Skid-Steer Loaders For >6 Months (>26 Weeks) , Deduct	2,602.08 -104.08	
01 22 23 00-0310	DAY	Auger Attachment (Excludes Bits And Extensions) For Skid-Steer Loaders	120.55	
01 22 23 00-0311	WK	Auger Attachment (Excludes Bits And Extensions) For Skid-Steer Loaders	332.24	
01 22 23 00-0312	MO	Auger Attachment (Excludes Bits And Extensions) For Skid-Steer Loaders For >6 Months (>26 Weeks) , Deduct	907.05 -36.28	
01 22 23 00-0313	DAY	Up To 18" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	33.22	
01 22 23 00-0314	WK	Up To 18" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	86.93	
01 22 23 00-0315	MO	Up To 18" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger) For >6 Months (>26 Weeks) , Deduct	255.67 -10.23	
01 22 23 00-0316	DAY	>18" To 48" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	44.74	
01 22 23 00-0317	WK	>18" To 48" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	111.21	
01 22 23 00-0318	MO	>18" To 48" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger) For >6 Months (>26 Weeks) , Deduct	332.37 -13.29	



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 00-0319 DAY Up To 24" Diameter, 4' Length, Rock Tip Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	65.18	
01 22 23 00-0320 WK Up To 24" Diameter, 4' Length, Rock Tip Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	198.15	
01 22 23 00-0321 MO Up To 24" Diameter, 4' Length, Rock Tip Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	588.04	
For >6 Months (>26 Weeks) , Deduct	-23.52	
01 22 23 00-0322 DAY 2' Length, Auger Bit Extension For Skid-Steer Mounted Augers (Excludes Auger)	13.23	
01 22 23 00-0323 WK 2' Length, Auger Bit Extension For Skid-Steer Mounted Augers (Excludes Auger)	30.87	
01 22 23 00-0324 MO 2' Length, Auger Bit Extension For Skid-Steer Mounted Augers (Excludes Auger)	82.33	
For >6 Months (>26 Weeks) , Deduct	-3.29	
01 22 23 00-0325 Bulldozers (01 22 23 00-0278)		
Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0326 DAY 70 HP, D3 Bulldozer With Full-Time Operator	1,419.79	
For Equipment Without Operator, Deduct	-971.01	
01 22 23 00-0327 WK 70 HP, D3 Bulldozer With Full-Time Operator	6,624.75	
For Equipment Without Operator, Deduct	-4,855.04	
01 22 23 00-0328 MO 70 HP, D3 Bulldozer With Full-Time Operator	26,288.34	
For Equipment Without Operator, Deduct	-21,038.49	
For >6 Months (>26 Weeks) , Deduct	-209.99	
01 22 23 00-0329 DAY 90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator	1,631.47	
For Equipment Without Operator, Deduct	-971.01	
01 22 23 00-0330 WK 90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator	7,479.96	
For Equipment Without Operator, Deduct	-4,855.04	
01 22 23 00-0331 MO 90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator	28,913.27	
For Equipment Without Operator, Deduct	-21,038.49	
For >6 Months (>26 Weeks) , Deduct	-314.99	
01 22 23 00-0332 DAY 140 HP, D6 Bulldozer With Full-Time Operator	2,232.67	
For Equipment Without Operator, Deduct	-971.01	
01 22 23 00-0333 WK 140 HP, D6 Bulldozer With Full-Time Operator	9,884.74	
For Equipment Without Operator, Deduct	-4,855.04	
01 22 23 00-0334 MO 140 HP, D6 Bulldozer With Full-Time Operator	36,110.64	
For Equipment Without Operator, Deduct	-21,038.49	
For >6 Months (>26 Weeks) , Deduct	-602.89	
01 22 23 00-0335 DAY 200 HP, D7 Bulldozer With Full-Time Operator	2,766.12	
For Equipment Without Operator, Deduct	-971.01	
01 22 23 00-0336 WK 200 HP, D7 Bulldozer With Full-Time Operator	12,027.01	
For Equipment Without Operator, Deduct	-4,855.04	
01 22 23 00-0337 MO 200 HP, D7 Bulldozer With Full-Time Operator	42,545.94	
For Equipment Without Operator, Deduct	-21,038.49	
For >6 Months (>26 Weeks) , Deduct	-860.30	
01 22 23 00-0338 DAY 335 HP, D8 Bulldozer With Full-Time Operator	3,401.18	
For Equipment Without Operator, Deduct	-971.01	
01 22 23 00-0339 WK 335 HP, D8 Bulldozer With Full-Time Operator	14,567.26	
For Equipment Without Operator, Deduct	-4,855.04	
01 22 23 00-0340 MO 335 HP, D8 Bulldozer With Full-Time Operator	50,166.69	
For Equipment Without Operator, Deduct	-21,038.49	
For >6 Months (>26 Weeks) , Deduct	-1,165.13	
01 22 23 00-0341 DAY 460 HP, D9 Bulldozer With Full-Time Operator	3,756.82	
For Equipment Without Operator, Deduct	-971.01	
01 22 23 00-0342 WK 460 HP, D9 Bulldozer With Full-Time Operator	15,981.34	
For Equipment Without Operator, Deduct	-4,855.04	
01 22 23 00-0343 MO 460 HP, D9 Bulldozer With Full-Time Operator	54,400.44	
For Equipment Without Operator, Deduct	-21,038.49	
For >6 Months (>26 Weeks) , Deduct	-1,334.48	
01 22 23 00-0344 Motor Scraper (01 22 23 00-0278)		
Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0345 DAY 11 CY Motor Scraper-Hauler With Full-Time Operator	2,287.64	
For Equipment Without Operator, Deduct	-971.01	
01 22 23 00-0346 WK 11 CY Motor Scraper-Hauler With Full-Time Operator	10,121.55	
For Equipment Without Operator, Deduct	-4,855.04	
01 22 23 00-0347 MO 11 CY Motor Scraper-Hauler With Full-Time Operator	36,819.99	
For Equipment Without Operator, Deduct	-21,038.49	
For >6 Months (>26 Weeks) , Deduct	-631.26	
01 22 23 00-0348 DAY 18 CY Motor Scraper-Hauler With Full-Time Operator	2,819.70	
For Equipment Without Operator, Deduct	-971.01	
01 22 23 00-0349 WK 18 CY Motor Scraper-Hauler With Full-Time Operator	12,249.80	
For Equipment Without Operator, Deduct	-4,855.04	
01 22 23 00-0350 MO 18 CY Motor Scraper-Hauler With Full-Time Operator	43,222.77	
For Equipment Without Operator, Deduct	-21,038.49	
For >6 Months (>26 Weeks) , Deduct	-887.37	
01 22 23 00-0351 DAY 24 CY Motor Scraper-Hauler With Full-Time Operator	3,333.73	
For Equipment Without Operator, Deduct	-971.01	
01 22 23 00-0352 WK 24 CY Motor Scraper-Hauler With Full-Time Operator	14,296.89	
For Equipment Without Operator, Deduct	-4,855.04	
01 22 23 00-0353 MO 24 CY Motor Scraper-Hauler With Full-Time Operator	49,355.01	
For Equipment Without Operator, Deduct	-21,038.49	
For >6 Months (>26 Weeks) , Deduct	-1,132.66	
01 22 23 00-0354 Hydraulic Excavators (01 22 23 00-0278)		
Note: Includes full-time operator. Excludes delivery, set-up, and removal.		

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 00-0355	DAY	3/8 CY Hydraulic Excavator With Full-Time Operator	1,346.88	
		<i>For Equipment Without Operator, Deduct</i>	-971.01	
01 22 23 00-0356	WK	3/8 CY Hydraulic Excavator With Full-Time Operator	6,184.50	
		<i>For Equipment Without Operator, Deduct</i>	-4,855.04	
01 22 23 00-0357	MO	3/8 CY Hydraulic Excavator With Full-Time Operator	25,493.21	
		<i>For Equipment Without Operator, Deduct</i>	-21,038.49	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-178.19	
01 22 23 00-0358	DAY	1/2 CY Hydraulic Excavator With Full-Time Operator	1,452.68	
		<i>For Equipment Without Operator, Deduct</i>	-971.01	
01 22 23 00-0359	WK	1/2 CY Hydraulic Excavator With Full-Time Operator	6,650.85	
		<i>For Equipment Without Operator, Deduct</i>	-4,855.04	
01 22 23 00-0360	MO	1/2 CY Hydraulic Excavator With Full-Time Operator	27,358.62	
		<i>For Equipment Without Operator, Deduct</i>	-21,038.49	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-252.81	
01 22 23 00-0361	DAY	5/8 CY Hydraulic Excavator With Full-Time Operator	1,486.09	
		<i>For Equipment Without Operator, Deduct</i>	-971.01	
01 22 23 00-0362	WK	5/8 CY Hydraulic Excavator With Full-Time Operator	6,824.86	
		<i>For Equipment Without Operator, Deduct</i>	-4,855.04	
01 22 23 00-0363	MO	5/8 CY Hydraulic Excavator With Full-Time Operator	27,664.89	
		<i>For Equipment Without Operator, Deduct</i>	-21,038.49	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-265.06	
01 22 23 00-0364	DAY	3/4 CY Hydraulic Excavator With Full-Time Operator	1,520.89	
		<i>For Equipment Without Operator, Deduct</i>	-971.01	
01 22 23 00-0365	WK	3/4 CY Hydraulic Excavator With Full-Time Operator	6,984.95	
		<i>For Equipment Without Operator, Deduct</i>	-4,855.04	
01 22 23 00-0366	MO	3/4 CY Hydraulic Excavator With Full-Time Operator	27,971.15	
		<i>For Equipment Without Operator, Deduct</i>	-21,038.49	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-277.31	
01 22 23 00-0367	DAY	7/8 To 1 CY Hydraulic Excavator With Full-Time Operator	1,548.73	
		<i>For Equipment Without Operator, Deduct</i>	-971.01	
01 22 23 00-0368	WK	7/8 To 1 CY Hydraulic Excavator With Full-Time Operator	7,152.00	
		<i>For Equipment Without Operator, Deduct</i>	-4,855.04	
01 22 23 00-0369	MO	7/8 To 1 CY Hydraulic Excavator With Full-Time Operator	28,277.41	
		<i>For Equipment Without Operator, Deduct</i>	-21,038.49	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-289.56	
01 22 23 00-0370	DAY	1-1/8 To 1-1/4 CY Hydraulic Excavator With Full-Time Operator	1,924.60	
		<i>For Equipment Without Operator, Deduct</i>	-971.01	
01 22 23 00-0371	WK	1-1/8 To 1-1/4 CY Hydraulic Excavator With Full-Time Operator	8,648.51	
		<i>For Equipment Without Operator, Deduct</i>	-4,855.04	
01 22 23 00-0372	MO	1-1/8 To 1-1/4 CY Hydraulic Excavator With Full-Time Operator	32,418.91	
		<i>For Equipment Without Operator, Deduct</i>	-21,038.49	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-455.22	
01 22 23 00-0373	DAY	1-3/8 To 1-1/2 CY Hydraulic Excavator With Full-Time Operator	1,980.28	
		<i>For Equipment Without Operator, Deduct</i>	-971.01	
01 22 23 00-0374	WK	1-3/8 To 1-1/2 CY Hydraulic Excavator With Full-Time Operator	8,892.13	
		<i>For Equipment Without Operator, Deduct</i>	-4,855.04	
01 22 23 00-0375	MO	1-3/8 To 1-1/2 CY Hydraulic Excavator With Full-Time Operator	33,149.76	
		<i>For Equipment Without Operator, Deduct</i>	-21,038.49	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-484.45	
01 22 23 00-0376	DAY	1-5/8 To 1-7/8 CY Hydraulic Excavator With Full-Time Operator	2,084.69	
		<i>For Equipment Without Operator, Deduct</i>	-971.01	
01 22 23 00-0377	WK	1-5/8 To 1-7/8 CY Hydraulic Excavator With Full-Time Operator	9,309.76	
		<i>For Equipment Without Operator, Deduct</i>	-4,855.04	
01 22 23 00-0378	MO	1-5/8 To 1-7/8 CY Hydraulic Excavator With Full-Time Operator	34,402.65	
		<i>For Equipment Without Operator, Deduct</i>	-21,038.49	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-534.57	
01 22 23 00-0379	DAY	2 To 2-3/8 CY Hydraulic Excavator With Full-Time Operator	2,203.02	
		<i>For Equipment Without Operator, Deduct</i>	-971.01	
01 22 23 00-0380	WK	2 To 2-3/8 CY Hydraulic Excavator With Full-Time Operator	9,776.11	
		<i>For Equipment Without Operator, Deduct</i>	-4,855.04	
01 22 23 00-0381	MO	2 To 2-3/8 CY Hydraulic Excavator With Full-Time Operator	35,794.75	
		<i>For Equipment Without Operator, Deduct</i>	-21,038.49	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-590.25	
01 22 23 00-0382	DAY	2-1/2 To 2-7/8 CY Hydraulic Excavator With Full-Time Operator	2,237.82	
		<i>For Equipment Without Operator, Deduct</i>	-971.01	
01 22 23 00-0383	WK	2-1/2 To 2-7/8 CY Hydraulic Excavator With Full-Time Operator	9,915.32	
		<i>For Equipment Without Operator, Deduct</i>	-4,855.04	
01 22 23 00-0384	MO	2-1/2 To 2-7/8 CY Hydraulic Excavator With Full-Time Operator	36,212.38	
		<i>For Equipment Without Operator, Deduct</i>	-21,038.49	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-606.96	
01 22 23 00-0385	DAY	3 To 3-3/4 CY Hydraulic Excavator With Full-Time Operator	2,571.93	
		<i>For Equipment Without Operator, Deduct</i>	-971.01	
01 22 23 00-0386	WK	3 To 3-3/4 CY Hydraulic Excavator With Full-Time Operator	11,258.70	
		<i>For Equipment Without Operator, Deduct</i>	-4,855.04	
01 22 23 00-0387	MO	3 To 3-3/4 CY Hydraulic Excavator With Full-Time Operator	40,249.47	
		<i>For Equipment Without Operator, Deduct</i>	-21,038.49	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-768.44	
01 22 23 00-0388	DAY	4 To 5-3/4 CY Hydraulic Excavator With Full-Time Operator	3,052.20	
		<i>For Equipment Without Operator, Deduct</i>	-971.01	
01 22 23 00-0389	WK	4 To 5-3/4 CY Hydraulic Excavator With Full-Time Operator	13,165.88	
		<i>For Equipment Without Operator, Deduct</i>	-4,855.04	
01 22 23 00-0390	MO	4 To 5-3/4 CY Hydraulic Excavator With Full-Time Operator	45,957.08	
		<i>For Equipment Without Operator, Deduct</i>	-21,038.49	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-996.74	



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

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0391 DAY 6 To 11 CY Hydraulic Excavator With Full-Time Operator.....	3,643.84	
For Equipment Without Operator, Deduct	-971.01	
01 22 23 00-0392 WK 6 To 11 CY Hydraulic Excavator With Full-Time Operator.....	15,532.45	
For Equipment Without Operator, Deduct	-4,855.04	
01 22 23 00-0393 MO 6 To 11 CY Hydraulic Excavator With Full-Time Operator.....	53,056.79	
For Equipment Without Operator, Deduct	-21,038.49	
For >6 Months (>26 Weeks) , Deduct	-1,280.73	
01 22 23 00-0394 DAY Up To 50' Depth, 50,000 LB Operating Weight, Long-Arm Hydraulic Excavator With Full-Time Operator.....	2,112.53	
For Equipment Without Operator, Deduct	-971.01	
01 22 23 00-0395 WK Up To 50' Depth, 50,000 LB Operating Weight, Long-Arm Hydraulic Excavator With Full-Time Operator.....	9,407.21	
For Equipment Without Operator, Deduct	-4,855.04	
01 22 23 00-0396 MO Up To 50' Depth, 50,000 LB Operating Weight, Long-Arm Hydraulic Excavator With Full-Time Operator.....	34,681.07	
For Equipment Without Operator, Deduct	-21,038.49	
For >6 Months (>26 Weeks) , Deduct	-545.70	
01 22 23 00-0397 DAY Thumbs Or Grapple Attachment For Hydraulic Excavators.....	97.45	
01 22 23 00-0398 WK Thumbs Or Grapple Attachment For Hydraulic Excavators.....	375.87	
01 22 23 00-0399 MO Thumbs Or Grapple Attachment For Hydraulic Excavators.....	1,113.68	
For >6 Months (>26 Weeks) , Deduct	-44.55	
01 22 23 00-0400 DAY 1,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators.....	431.55	
01 22 23 00-0401 WK 1,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators.....	1,141.52	
01 22 23 00-0402 MO 1,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators.....	3,194.87	
For >6 Months (>26 Weeks) , Deduct	-127.79	
01 22 23 00-0403 DAY 1,500 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators.....	668.21	
01 22 23 00-0404 WK 1,500 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators.....	1,705.32	
01 22 23 00-0405 MO 1,500 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators.....	4,433.84	
For >6 Months (>26 Weeks) , Deduct	-177.35	
01 22 23 00-0406 DAY 3,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators.....	932.71	
01 22 23 00-0407 WK 3,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators.....	2,512.74	
01 22 23 00-0408 MO 3,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators.....	7,044.03	
For >6 Months (>26 Weeks) , Deduct	-281.76	
01 22 23 00-0409 DAY 24" Compaction Wheel Attachment For Hydraulic Excavators.....	194.89	
01 22 23 00-0410 WK 24" Compaction Wheel Attachment For Hydraulic Excavators.....	779.58	
01 22 23 00-0411 MO 24" Compaction Wheel Attachment For Hydraulic Excavators.....	2,338.73	
For >6 Months (>26 Weeks) , Deduct	-93.55	
01 22 23 00-0412 DAY 36" Compaction Wheel Attachment For Hydraulic Excavators.....	278.42	
01 22 23 00-0413 WK 36" Compaction Wheel Attachment For Hydraulic Excavators.....	1,113.68	
01 22 23 00-0414 MO 36" Compaction Wheel Attachment For Hydraulic Excavators.....	3,341.04	
For >6 Months (>26 Weeks) , Deduct	-133.64	
01 22 23 00-0415 DAY 48" Compaction Wheel Attachment For Hydraulic Excavators.....	306.26	
01 22 23 00-0416 WK 48" Compaction Wheel Attachment For Hydraulic Excavators.....	1,211.13	
01 22 23 00-0417 MO 48" Compaction Wheel Attachment For Hydraulic Excavators.....	3,619.46	
For >6 Months (>26 Weeks) , Deduct	-144.78	
01 22 23 00-0418 DAY 2,000 LB Mini-Excavator With Full-Time Operator.....	1,263.35	
For Equipment Without Operator, Deduct	-971.01	
01 22 23 00-0419 WK 2,000 LB Mini-Excavator With Full-Time Operator.....	5,683.34	
For Equipment Without Operator, Deduct	-4,855.04	
01 22 23 00-0420 MO 2,000 LB Mini-Excavator With Full-Time Operator.....	22,862.14	
For Equipment Without Operator, Deduct	-21,038.49	
For >6 Months (>26 Weeks) , Deduct	-72.95	
01 22 23 00-0421 DAY 3,500 LB Mini-Excavator With Full-Time Operator.....	1,270.31	
For Equipment Without Operator, Deduct	-971.01	
01 22 23 00-0422 WK 3,500 LB Mini-Excavator With Full-Time Operator.....	5,704.22	
For Equipment Without Operator, Deduct	-4,855.04	
01 22 23 00-0423 MO 3,500 LB Mini-Excavator With Full-Time Operator.....	23,300.65	
For Equipment Without Operator, Deduct	-21,038.49	
For >6 Months (>26 Weeks) , Deduct	-90.49	
01 22 23 00-0424 DAY 6,000 LB Mini-Excavator With Full-Time Operator.....	1,305.11	
For Equipment Without Operator, Deduct	-971.01	
01 22 23 00-0425 WK 6,000 LB Mini-Excavator With Full-Time Operator.....	5,801.67	
For Equipment Without Operator, Deduct	-4,855.04	
01 22 23 00-0426 MO 6,000 LB Mini-Excavator With Full-Time Operator.....	23,363.30	
For Equipment Without Operator, Deduct	-21,038.49	
For >6 Months (>26 Weeks) , Deduct	-92.99	
01 22 23 00-0427 DAY 7,500 LB Mini-Excavator With Full-Time Operator.....	1,319.03	
For Equipment Without Operator, Deduct	-971.01	
01 22 23 00-0428 WK 7,500 LB Mini-Excavator With Full-Time Operator.....	5,850.39	
For Equipment Without Operator, Deduct	-4,855.04	
01 22 23 00-0429 MO 7,500 LB Mini-Excavator With Full-Time Operator.....	23,391.14	
For Equipment Without Operator, Deduct	-21,038.49	
For >6 Months (>26 Weeks) , Deduct	-94.11	
01 22 23 00-0430 DAY 9,500 LB Mini-Excavator With Full-Time Operator.....	1,402.56	
For Equipment Without Operator, Deduct	-971.01	
01 22 23 00-0431 WK 9,500 LB Mini-Excavator With Full-Time Operator.....	5,920.00	
For Equipment Without Operator, Deduct	-4,855.04	
01 22 23 00-0432 MO 9,500 LB Mini-Excavator With Full-Time Operator.....	24,198.56	
For Equipment Without Operator, Deduct	-21,038.49	
For >6 Months (>26 Weeks) , Deduct	-126.40	
01 22 23 00-0433 DAY 11,000 LB Mini-Excavator With Full-Time Operator.....	1,409.52	
For Equipment Without Operator, Deduct	-971.01	

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 00-0435	WK	11,000 LB Mini-Excavator With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	6,268.02 -4,855.04	
01 22 23 00-0436	MO	11,000 LB Mini-Excavator With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i> <i>For >6 Months (>26 Weeks) , Deduct</i>	24,233.36 -21,038.49 -127.79	
01 22 23 00-0437		Telescopic Hydraulic Excavators (Gradall) (01 22 23 00-0278) Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0438	DAY	Telescopic Hydraulic Excavator (Gradall) With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	4,393.25 -971.01	
01 22 23 00-0439	WK	Telescopic Hydraulic Excavator (Gradall) With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	12,898.39 -4,855.04	
01 22 23 00-0440	MO	Telescopic Hydraulic Excavator (Gradall) With Full-Time Operator <i>For Equipment Without Operator, Deduct</i> <i>For >6 Months (>26 Weeks) , Deduct</i>	49,746.36 -21,038.49 -1,148.31	
01 22 23 00-0441		Road Graders (01 22 23 00-0278) Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0442	DAY	50 To 60 HP Road Grader With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	2,323.71 -971.01	
01 22 23 00-0443	WK	50 To 60 HP Road Grader With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	8,372.06 -4,855.04	
01 22 23 00-0444	MO	50 To 60 HP Road Grader With Full-Time Operator <i>For Equipment Without Operator, Deduct</i> <i>For >6 Months (>26 Weeks) , Deduct</i>	30,507.39 -21,038.49 -378.76	
01 22 23 00-0445	DAY	80 To 100 HP Road Grader With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	2,991.04 -971.01	
01 22 23 00-0446	WK	80 To 100 HP Road Grader With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	9,851.01 -4,855.04	
01 22 23 00-0447	MO	80 To 100 HP Road Grader With Full-Time Operator <i>For Equipment Without Operator, Deduct</i> <i>For >6 Months (>26 Weeks) , Deduct</i>	35,016.39 -21,038.49 -559.12	
01 22 23 00-0448	DAY	130 To 140 HP Road Grader With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	3,488.53 -971.01	
01 22 23 00-0449	WK	130 To 140 HP Road Grader With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	11,324.55 -4,855.04	
01 22 23 00-0450	MO	130 To 140 HP Road Grader With Full-Time Operator <i>For Equipment Without Operator, Deduct</i> <i>For >6 Months (>26 Weeks) , Deduct</i>	40,449.73 -21,038.49 -776.45	
01 22 23 00-0451	DAY	170 To 185 HP Road Grader With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	4,244.54 -971.01	
01 22 23 00-0452	WK	170 To 185 HP Road Grader With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	17,949.18 -4,855.04	
01 22 23 00-0453	MO	170 To 185 HP Road Grader With Full-Time Operator <i>For Equipment Without Operator, Deduct</i> <i>For >6 Months (>26 Weeks) , Deduct</i>	66,867.94 -21,038.46 -1,833.18	
01 22 23 00-0454		Loader-Backhoes With Standard Bucket (01 22 23 00-0278) Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0455	DAY	1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,403.33 -971.01	
01 22 23 00-0456	WK	1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	5,881.80 -4,855.04	
01 22 23 00-0457	MO	1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator <i>For Equipment Without Operator, Deduct</i> <i>For >6 Months (>26 Weeks) , Deduct</i>	23,454.85 -21,038.49 -96.65	
01 22 23 00-0458	DAY	1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,449.65 -971.01	
01 22 23 00-0459	WK	1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	6,043.92 -4,855.04	
01 22 23 00-0460	MO	1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator <i>For Equipment Without Operator, Deduct</i> <i>For >6 Months (>26 Weeks) , Deduct</i>	24,443.01 -21,038.49 -136.18	
01 22 23 00-0461	DAY	1-1/2 CY, 24" Bucket, 16'-6" Deep, 90 HP, Loader-Backhoe With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,521.06 -971.01	
01 22 23 00-0462	WK	1-1/2 CY, 24" Bucket, 16'-6" Deep, 90 HP, Loader-Backhoe With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	6,221.48 -4,855.04	
01 22 23 00-0463	MO	1-1/2 CY, 24" Bucket, 16'-6" Deep, 90 HP, Loader-Backhoe With Full-Time Operator <i>For Equipment Without Operator, Deduct</i> <i>For >6 Months (>26 Weeks) , Deduct</i>	24,952.53 -21,038.49 -156.56	
01 22 23 00-0464	DAY	1-3/4 CY, 30" Bucket, 18'-0" Deep, 112 HP, Loader-Backhoe With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,839.51 -971.01	
01 22 23 00-0465	WK	1-3/4 CY, 30" Bucket, 18'-0" Deep, 112 HP, Loader-Backhoe With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	7,171.04 -4,855.04	
01 22 23 00-0466	MO	1-3/4 CY, 30" Bucket, 18'-0" Deep, 112 HP, Loader-Backhoe With Full-Time Operator <i>For Equipment Without Operator, Deduct</i> <i>For >6 Months (>26 Weeks) , Deduct</i>	27,669.97 -21,038.49 -265.26	
01 22 23 00-0467		Heavy Duty Construction Loaders (01 22 23 00-0278) Note: Includes full-time operator. Excludes 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 00-0468 DAY 2-1/2 CY, 119 HP, Heavy Duty Construction Loader With Full-Time Operator..... For Equipment Without Operator, Deduct	1,471.51 -971.01	
01 22 23 00-0469 WK 2-1/2 CY, 119 HP, Heavy Duty Construction Loader With Full-Time Operator..... For Equipment Without Operator, Deduct	6,833.94 -4,855.04	
01 22 23 00-0470 MO 2-1/2 CY, 119 HP, Heavy Duty Construction Loader With Full-Time Operator..... For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	26,967.49 -21,038.49 -237.16	
01 22 23 00-0471 DAY 3 CY, 135 HP, Heavy Duty Construction Loader With Full-Time Operator..... For Equipment Without Operator, Deduct	1,887.31 -971.01	
01 22 23 00-0472 WK 3 CY, 135 HP, Heavy Duty Construction Loader With Full-Time Operator..... For Equipment Without Operator, Deduct	7,288.24 -4,855.04	
01 22 23 00-0473 MO 3 CY, 135 HP, Heavy Duty Construction Loader With Full-Time Operator..... For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	27,198.49 -21,038.49 -246.40	
01 22 23 00-0474 DAY 3-1/2 CY, 198 HP, Heavy Duty Construction Loader With Full-Time Operator..... For Equipment Without Operator, Deduct	1,979.71 -971.01	
01 22 23 00-0475 WK 3-1/2 CY, 198 HP, Heavy Duty Construction Loader With Full-Time Operator..... For Equipment Without Operator, Deduct	7,534.64 -4,855.04	
01 22 23 00-0476 MO 3-1/2 CY, 198 HP, Heavy Duty Construction Loader With Full-Time Operator..... For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	27,814.49 -21,038.49 -271.04	
01 22 23 00-0477 DAY 4-1/2 CY, 215 HP, Heavy Duty Construction Loader With Full-Time Operator..... For Equipment Without Operator, Deduct	2,233.81 -971.01	
01 22 23 00-0478 WK 4-1/2 CY, 215 HP, Heavy Duty Construction Loader With Full-Time Operator..... For Equipment Without Operator, Deduct	8,204.54 -4,855.04	
01 22 23 00-0479 MO 4-1/2 CY, 215 HP, Heavy Duty Construction Loader With Full-Time Operator..... For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	29,508.49 -21,038.49 -338.80	
01 22 23 00-0480 DAY 7-1/3 CY, 330 HP, Heavy Duty Construction Loader With Full-Time Operator..... For Equipment Without Operator, Deduct	2,888.31 -971.01	
01 22 23 00-0481 WK 7-1/3 CY, 330 HP, Heavy Duty Construction Loader With Full-Time Operator..... For Equipment Without Operator, Deduct	12,508.84 -4,855.04	
01 22 23 00-0482 MO 7-1/3 CY, 330 HP, Heavy Duty Construction Loader With Full-Time Operator..... For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	43,984.49 -21,038.49 -917.84	
01 22 23 00-0483 DAY 13-1/2 CY, 690 HP, Heavy Duty Construction Loader With Full-Time Operator..... For Equipment Without Operator, Deduct	7,200.23 -971.01	
01 22 23 00-0484 WK 13-1/2 CY, 690 HP, Heavy Duty Construction Loader With Full-Time Operator..... For Equipment Without Operator, Deduct	25,082.72 -4,855.04	
01 22 23 00-0485 MO 13-1/2 CY, 690 HP, Heavy Duty Construction Loader With Full-Time Operator..... For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	76,164.41 -21,038.49 -2,205.04	
01 22 23 00-0486 Shoring (01 22 23 00-0278) Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-0487 Aluminum Hydraulic Shoring (01 22 23 00-0486) Note: Includes delivery to job site and pick-up when complete. Excludes sheeting.		
01 22 23 00-0488 WK 2' Rails, 1 Cylinder, Aluminum Hydraulic Shoring..... Note: Up to 88" spread width.	114.71	
01 22 23 00-0489 MO 2' Rails, 1 Cylinder, Aluminum Hydraulic Shoring..... Note: Up to 88" spread width. For >6 Months (>26 Weeks) , Deduct	338.35 -13.53	
01 22 23 00-0490 WK Up To 12' Rails, 2 Cylinders, Aluminum Hydraulic Shoring..... Note: Up to 88" spread width.	153.88	
01 22 23 00-0491 MO Up To 12' Rails, 2 Cylinders, Aluminum Hydraulic Shoring..... Note: Up to 88" spread width. For >6 Months (>26 Weeks) , Deduct	453.89 -18.16	
01 22 23 00-0492 WK Up To 16' Rails, 3 Cylinders, Aluminum Hydraulic Shoring..... Note: Up to 88" spread width.	285.34	
01 22 23 00-0493 MO Up To 16' Rails, 3 Cylinders, Aluminum Hydraulic Shoring..... Note: Up to 88" spread width. For >6 Months (>26 Weeks) , Deduct	841.75 -33.67	
01 22 23 00-0494 EA Set-up And Removal Of 1 Cylinder Aluminum Hydraulic Shores.....	30.38	
01 22 23 00-0495 EA Set-up And Removal Of 2 Cylinders Aluminum Hydraulic Shores.....	48.61	
01 22 23 00-0496 EA Set-up And Removal Of 3 Cylinders Aluminum Hydraulic Shores.....	81.01	
01 22 23 00-0497 Trench Boxes/Trench Shields (01 22 23 00-0278) 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 00-0498 WK 4' x 6' Trench Box With Up To 48" Spreaders.....	256.08	
01 22 23 00-0499 MO 4' x 6' Trench Box With Up To 48" Spreaders..... For >6 Months (>26 Weeks) , Deduct	768.23 -30.73	
01 22 23 00-0500 WK 6' x 6' Trench Box With Up To 48" Spreaders.....	289.12	
01 22 23 00-0501 MO 6' x 6' Trench Box With Up To 48" Spreaders..... For >6 Months (>26 Weeks) , Deduct	867.35 -34.69	
01 22 23 00-0502 WK 8' x 6' Trench Box With Up To 48" Spreaders.....	305.64	
01 22 23 00-0503 MO 8' x 6' Trench Box With Up To 48" Spreaders..... For >6 Months (>26 Weeks) , Deduct	916.92 -36.68	
01 22 23 00-0504 WK 4' x 8' Trench Box With Up To 48" Spreaders.....	280.86	
01 22 23 00-0505 MO 4' x 8' Trench Box With Up To 48" Spreaders..... For >6 Months (>26 Weeks) , Deduct	842.57 -33.70	
01 22 23 00-0506 WK 6' x 8' Trench Box With Up To 48" Spreaders.....	330.42	

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 00-0507	MO	6' x 8' Trench Box With Up To 48" Spreaders.....	991.26	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-39.65	
01 22 23 00-0508	WK	8' x 8' Trench Box With Up To 48" Spreaders.....	371.72	
01 22 23 00-0509	MO	8' x 8' Trench Box With Up To 48" Spreaders.....	1,115.17	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-44.61	
01 22 23 00-0510	WK	4' x 10' Trench Box With Up To 48" Spreaders.....	313.90	
01 22 23 00-0511	MO	4' x 10' Trench Box With Up To 48" Spreaders.....	941.70	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-37.67	
01 22 23 00-0512	WK	6' x 10' Trench Box With Up To 48" Spreaders.....	371.72	
01 22 23 00-0513	MO	6' x 10' Trench Box With Up To 48" Spreaders.....	1,115.17	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-44.61	
01 22 23 00-0514	WK	8' x 10' Trench Box With Up To 48" Spreaders.....	454.33	
01 22 23 00-0515	MO	8' x 10' Trench Box With Up To 48" Spreaders.....	1,354.72	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-54.19	
01 22 23 00-0516	WK	4' x 12' Trench Box With Up To 48" Spreaders.....	371.72	
01 22 23 00-0517	MO	4' x 12' Trench Box With Up To 48" Spreaders.....	1,115.17	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-44.61	
01 22 23 00-0518	WK	6' x 12' Trench Box With Up To 48" Spreaders.....	454.33	
01 22 23 00-0519	MO	6' x 12' Trench Box With Up To 48" Spreaders.....	1,362.98	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-54.52	
01 22 23 00-0520	WK	8' x 12' Trench Box With Up To 48" Spreaders.....	578.24	
01 22 23 00-0521	MO	8' x 12' Trench Box With Up To 48" Spreaders.....	1,734.70	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-69.39	
01 22 23 00-0522	WK	4' x 14' Trench Box With Up To 48" Spreaders.....	413.02	
01 22 23 00-0523	MO	4' x 14' Trench Box With Up To 48" Spreaders.....	1,239.08	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-49.56	
01 22 23 00-0524	WK	6' x 14' Trench Box With Up To 48" Spreaders.....	536.93	
01 22 23 00-0525	MO	6' x 14' Trench Box With Up To 48" Spreaders.....	1,610.80	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-64.43	
01 22 23 00-0526	WK	8' x 14' Trench Box With Up To 48" Spreaders.....	660.84	
01 22 23 00-0527	MO	8' x 14' Trench Box With Up To 48" Spreaders.....	1,982.52	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-79.30	
01 22 23 00-0528	WK	4' x 16' Trench Box With Up To 48" Spreaders.....	454.33	
01 22 23 00-0529	MO	4' x 16' Trench Box With Up To 48" Spreaders.....	1,362.98	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-54.52	
01 22 23 00-0530	WK	6' x 16' Trench Box With Up To 48" Spreaders.....	619.54	
01 22 23 00-0531	MO	6' x 16' Trench Box With Up To 48" Spreaders.....	1,858.61	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-74.34	
01 22 23 00-0532	WK	8' x 16' Trench Box With Up To 48" Spreaders.....	743.44	
01 22 23 00-0533	MO	8' x 16' Trench Box With Up To 48" Spreaders.....	2,230.34	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-89.21	
01 22 23 00-0534	WK	4' x 20' Trench Box With Up To 48" Spreaders.....	536.93	
01 22 23 00-0535	MO	4' x 20' Trench Box With Up To 48" Spreaders.....	1,610.80	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-64.43	
01 22 23 00-0536	WK	6' x 20' Trench Box With Up To 48" Spreaders.....	743.44	
01 22 23 00-0537	MO	6' x 20' Trench Box With Up To 48" Spreaders.....	2,230.34	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-89.21	
01 22 23 00-0538	WK	8' x 20' Trench Box With Up To 48" Spreaders.....	867.35	
01 22 23 00-0539	MO	8' x 20' Trench Box With Up To 48" Spreaders.....	2,602.06	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-104.08	
01 22 23 00-0540	WK	4' x 24' Trench Box With Up To 48" Spreaders.....	743.44	
01 22 23 00-0541	MO	4' x 24' Trench Box With Up To 48" Spreaders.....	2,230.34	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-89.21	
01 22 23 00-0542	WK	6' x 24' Trench Box With Up To 48" Spreaders.....	908.66	
01 22 23 00-0543	MO	6' x 24' Trench Box With Up To 48" Spreaders.....	2,725.96	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-109.04	
01 22 23 00-0544	WK	8' x 24' Trench Box With Up To 48" Spreaders.....	991.26	
01 22 23 00-0545	MO	8' x 24' Trench Box With Up To 48" Spreaders.....	2,973.78	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-118.95	
01 22 23 00-0546	WK	For Spreaders >48" To 84", Add.....	24.78	
01 22 23 00-0547	MO	For Spreaders >48" To 84", Add.....	74.34	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-2.97	
01 22 23 00-0548	WK	For Spreaders >84" To 120", Add.....	148.69	
01 22 23 00-0549	MO	For Spreaders >84" To 120", Add.....	446.07	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-17.84	
01 22 23 00-0550	WK	For Spreaders >120", Add.....	313.90	
01 22 23 00-0551	MO	For Spreaders >120", Add.....	941.70	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-37.67	
01 22 23 00-0552	WK	8' x 4' Manhole Box.....	390.31	
01 22 23 00-0553	MO	8' x 4' Manhole Box.....	1,170.93	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-46.84	
01 22 23 00-0554	WK	8' x 8' Manhole Box.....	557.58	
01 22 23 00-0555	MO	8' x 8' Manhole Box.....	1,672.75	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-66.91	

01 22 23 00-0556 Trenchers (01 22 23 00-0278)

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

01 22 23 00-0557	DAY	4' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	1,368.84	
		<i>For Equipment Without Operator, Deduct</i>	-967.21	
01 22 23 00-0558	WK	4' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator	6,204.11	
		<i>For Equipment Without Operator, Deduct</i>	-4,836.05	



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 00-0559 MO 4' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	24,721.53 -20,956.23 -150.61	
01 22 23 00-0560 DAY 5' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator For Equipment Without Operator, Deduct	2,046.60 -967.21	
01 22 23 00-0561 WK 5' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator For Equipment Without Operator, Deduct	8,488.39 -4,836.05	
01 22 23 00-0562 MO 5' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	30,997.03 -20,956.23 -401.63	
01 22 23 00-0563 Truck Mounted Vacuum Excavator (01 22 23 00-0278) Note: Includes driver, delivery, and removal.		
01 22 23 00-0564 DAY Truck Mounted Vacuum Excavator With Full-time Operator	8,200.12	
01 22 23 00-0565 Tractors (01 22 23 00-0278) Note: Excludes operator, delivery, set-up, and removal.		
01 22 23 00-0566 DAY 20 To 29 HP Tractor	569.31	
01 22 23 00-0567 WK 20 To 29 HP Tractor	1,370.57	
01 22 23 00-0568 MO 20 To 29 HP Tractor For >6 Months (>26 Weeks) , Deduct	3,700.54 -148.02	
01 22 23 00-0569 DAY 30 To 35 HP Tractor	589.90	
01 22 23 00-0570 WK 30 To 35 HP Tractor	1,518.67	
01 22 23 00-0571 MO 30 To 35 HP Tractor For >6 Months (>26 Weeks) , Deduct	4,204.58 -168.18	
01 22 23 00-0572 DAY 40 To 45 HP Tractor	602.45	
01 22 23 00-0573 WK 40 To 45 HP Tractor	1,619.08	
01 22 23 00-0574 MO 40 To 45 HP Tractor For >6 Months (>26 Weeks) , Deduct	4,443.05 -177.72	
01 22 23 00-0575 DAY 80 To 89 HP Tractor	775.65	
01 22 23 00-0576 WK 80 To 89 HP Tractor	2,199.69	
01 22 23 00-0577 MO 80 To 89 HP Tractor For >6 Months (>26 Weeks) , Deduct	6,298.34 -251.93	
01 22 23 00-0578 DAY 60" Rotary Mower Attachment For Tractors.....	243.49	
01 22 23 00-0579 WK 60" Rotary Mower Attachment For Tractors.....	753.06	
01 22 23 00-0580 DAY 84" Rotary Mower Attachment For Tractors.....	266.08	
01 22 23 00-0581 WK 84" Rotary Mower Attachment For Tractors.....	815.82	
01 22 23 00-0582 DAY Under Deck Rotary Mower Attachment For Tractors.....	40.18	
01 22 23 00-0583 WK Under Deck Rotary Mower Attachment For Tractors.....	160.73	
01 22 23 00-0584 Portable Sediment Tank (01 22 23 00-0278) Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-0585 WK Portable Sediment Tank.....	200.92	
01 22 23 00-0586 MO Portable Sediment Tank..... For >6 Months (>26 Weeks) , Deduct	589.36 -23.57	
01 22 23 00-0587 Heavy Equipment (Ground Protection) Mats (01 22 23 00-0278) Note: Rental price per mat. Excludes placement, moving, mobilization and demobilization. See CSI section 01 22 23 00-0278 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 00-0588 DAY 14' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat.....	23.68	
01 22 23 00-0589 WK 14' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat.....	56.37	
01 22 23 00-0590 MO 14' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat..... For >6 Months (>26 Weeks) , Deduct	118.38 -4.74	
01 22 23 00-0591 DAY 16' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat.....	24.86	
01 22 23 00-0592 WK 16' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat.....	59.19	
01 22 23 00-0593 MO 16' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat..... For >6 Months (>26 Weeks) , Deduct	124.30 -4.97	
01 22 23 00-0594 Day 16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	20.12	
01 22 23 00-0595 WK 16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	47.35	
01 22 23 00-0596 MO 16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	100.62	
For >6 Months (>26 Weeks) , Deduct	-4.02	
01 22 23 00-0597 Day 18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	22.49	
01 22 23 00-0598 WK 18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	53.27	
01 22 23 00-0599 MO 18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	112.46	
For >6 Months (>26 Weeks) , Deduct	-4.50	
01 22 23 00-0600 Day 20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	24.86	
01 22 23 00-0601 WK 20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	59.19	
01 22 23 00-0602 MO 20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	124.30	
For >6 Months (>26 Weeks) , Deduct	-4.97	
01 22 23 00-0603 Day 24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	27.23	
01 22 23 00-0604 WK 24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	64.83	
01 22 23 00-0605 MO 24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	136.14	
For >6 Months (>26 Weeks) , Deduct	-5.45	
01 22 23 00-0606 Day 12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	21.31	
01 22 23 00-0607 WK 12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	59.19	
01 22 23 00-0608 MO 12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat..... For >6 Months (>26 Weeks) , Deduct	106.54 -4.26	
01 22 23 00-0609 Day 16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat.....	24.86	

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 00-0610	WK		16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	59.19	
01 22 23 00-0611	MO		16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	124.30	
			<i>For >6 Months (>26 Weeks) , Deduct</i>	-4.97	
01 22 23 00-0612	Day		20' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	29.60	
01 22 23 00-0613	WK		20' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	65.11	
01 22 23 00-0614	MO		20' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	147.98	
			<i>For >6 Months (>26 Weeks) , Deduct</i>	-5.92	
01 22 23 00-0615	Day		24' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	31.96	
01 22 23 00-0616	WK		24' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	76.10	
01 22 23 00-0617	MO		24' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	159.81	
			<i>For >6 Months (>26 Weeks) , Deduct</i>	-6.39	
01 22 23 00-0618	Day		28' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	34.33	
01 22 23 00-0619	WK		28' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	81.74	
01 22 23 00-0620	MO		28' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	171.65	
			<i>For >6 Months (>26 Weeks) , Deduct</i>	-6.87	
01 22 23 00-0621	Day		30' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	35.51	
01 22 23 00-0622	WK		30' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	84.56	
01 22 23 00-0623	MO		30' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	177.57	
			<i>For >6 Months (>26 Weeks) , Deduct</i>	-7.10	
01 22 23 00-0624	Day		14' Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™)	11.39	
01 22 23 00-0625	WK		14' Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™)	28.47	
01 22 23 00-0626	MO		14' Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™)	85.41	
			<i>For >6 Months (>26 Weeks) , Deduct</i>	-3.42	
01 22 23 00-0627	Day		14' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	13.61	
01 22 23 00-0628	WK		14' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	34.03	
01 22 23 00-0629	MO		14' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	102.10	
			<i>For >6 Months (>26 Weeks) , Deduct</i>	-4.08	
01 22 23 00-0630	Day		16' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	15.55	
01 22 23 00-0631	WK		16' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	38.87	
01 22 23 00-0632	MO		16' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	116.60	
			<i>For >6 Months (>26 Weeks) , Deduct</i>	-4.66	
01 22 23 00-0633	Day		14' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	16.57	
01 22 23 00-0634	WK		14' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	41.43	
01 22 23 00-0635	MO		14' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	124.30	
			<i>For >6 Months (>26 Weeks) , Deduct</i>	-4.97	
01 22 23 00-0636	Day		16' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	18.94	
01 22 23 00-0637	WK		16' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	47.35	
01 22 23 00-0638	MO		16' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	142.06	
			<i>For >6 Months (>26 Weeks) , Deduct</i>	-5.68	
01 22 23 00-0639	Day		16' Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	21.77	
01 22 23 00-0640	WK		16' Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	54.42	
01 22 23 00-0641	MO		16' Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	163.25	
			<i>For >6 Months (>26 Weeks) , Deduct</i>	-6.53	
01 22 23 00-0642	Day		24' Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™)	16.75	
01 22 23 00-0643	WK		24' Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™)	41.87	
01 22 23 00-0644	MO		24' Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™)	125.60	
			<i>For >6 Months (>26 Weeks) , Deduct</i>	-5.02	
01 22 23 00-0645	Day		30' Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	22.67	
01 22 23 00-0646	WK		30' Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	56.68	
01 22 23 00-0647	MO		30' Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	170.05	
			<i>For >6 Months (>26 Weeks) , Deduct</i>	-6.80	
01 22 23 00-0648	Day		24' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	19.60	
01 22 23 00-0649	WK		24' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	49.01	
01 22 23 00-0650	MO		24' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	147.03	
			<i>For >6 Months (>26 Weeks) , Deduct</i>	-5.88	
01 22 23 00-0651	Day		40' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	32.70	
01 22 23 00-0652	WK		40' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	81.74	
01 22 23 00-0653	MO		40' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	245.21	
			<i>For >6 Months (>26 Weeks) , Deduct</i>	-9.81	
01 22 23 00-0654	Day		40' Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™)	34.85	
01 22 23 00-0655	WK		40' Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™)	87.13	
01 22 23 00-0656	MO		40' Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™)	261.38	
			<i>For >6 Months (>26 Weeks) , Deduct</i>	-10.46	
01 22 23 00-0657			Electrical Equipment (01 22 23)		
01 22 23 00-0658			Tripod Mounted Floodlights (01 22 23 00-0657)		
			Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-0659	DAY		500 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	72.48	
01 22 23 00-0660	WK		500 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	171.48	
01 22 23 00-0661	MO		500 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	362.40	
			<i>For >6 Months (>26 Weeks) , Deduct</i>	-14.50	
01 22 23 00-0662	DAY		1,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	72.48	
01 22 23 00-0663	WK		1,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	212.14	
01 22 23 00-0664	MO		1,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	627.57	
			<i>For >6 Months (>26 Weeks) , Deduct</i>	-25.10	
01 22 23 00-0665	DAY		2,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	81.32	
01 22 23 00-0666	WK		2,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	220.98	
01 22 23 00-0667	MO		2,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	539.18	
			<i>For >6 Months (>26 Weeks) , Deduct</i>	-21.57	



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 00-0668			Trailer Mounted Floodlights (01 22 23 00-0657) Note: Includes delivery to job site and pick-up when complete. Excludes operator.		
01 22 23 00-0669	DAY		4 x 1,000 Watt Floodlights, 30' Telescoping Tower, Diesel Power Trailer Mounted Light Tower.....	203.30	
01 22 23 00-0670	WK		4 x 1,000 Watt Floodlights, 30' Telescoping Tower, Diesel Power Trailer Mounted Light Tower.....	450.79	
01 22 23 00-0671	MO		4 x 1,000 Watt Floodlights, 30' Telescoping Tower, Diesel Power Trailer Mounted Light Tower.....	972.29	
			For >6 Months (>26 Weeks) , Deduct	38.89	
01 22 23 00-0672			Generator Sets (01 22 23 00-0657)		
01 22 23 00-0673			Portable, Gas Powered Generator Sets (01 22 23 00-0672) 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 00-0825 for reimbursable fuel fees.		
01 22 23 00-0674	DAY		3.6 KW, 8 HP Gas Powered Generator Set.....	58.31	
			Note: Fuel consumption: 100% load - 0.54 gallons per hour		
			For LP Or NG Gas, Add	7.29	
			For >160 To 320 Hours Usage Per Month, Add	29.16	
01 22 23 00-0675	WK		3.6 KW, 8 HP Gas Powered Generator Set.....	210.18	
			Note: Fuel consumption: 100% load - 0.54 gallons per hour		
			For LP Or NG Gas, Add	26.27	
01 22 23 00-0676	MO		3.6 KW, 8 HP Gas Powered Generator Set.....	583.08	
			Note: Fuel consumption: 100% load - 0.54 gallons per hour		
			For LP Or NG Gas, Add	72.89	
			For >6 Months (>26 Weeks) , Deduct	-23.32	
01 22 23 00-0677	DAY		5 KW, 11 HP Gas Powered Generator Set.....	82.72	
			Note: Fuel consumption: 100% load - 0.75 gallons per hour		
			For LP Or NG Gas, Add	10.34	
01 22 23 00-0678	WK		5 KW, 11 HP Gas Powered Generator Set.....	264.42	
			Note: Fuel consumption: 100% load - 0.75 gallons per hour		
			For LP Or NG Gas, Add	33.05	
01 22 23 00-0679	MO		5 KW, 11 HP Gas Powered Generator Set.....	603.42	
			Note: Fuel consumption: 100% load - 0.75 gallons per hour		
			For LP Or NG Gas, Add	75.43	
			For >6 Months (>26 Weeks) , Deduct	-24.14	
01 22 23 00-0680	DAY		6.5 KW, 13 HP Gas Powered Generator Set.....	105.77	
			Note: Fuel consumption: 100% load - 0.975 gallons per hour		
			For LP Or NG Gas, Add	13.22	
01 22 23 00-0681	WK		6.5 KW, 13 HP Gas Powered Generator Set.....	284.76	
			Note: Fuel consumption: 100% load - 0.975 gallons per hour		
			For LP Or NG Gas, Add	35.60	
01 22 23 00-0682	MO		6.5 KW, 13 HP Gas Powered Generator Set.....	786.48	
			Note: Fuel consumption: 100% load - 0.975 gallons per hour		
			For LP Or NG Gas, Add	98.31	
			For >6 Months (>26 Weeks) , Deduct	-31.46	
01 22 23 00-0683	DAY		10 KW, 18 HP Gas Powered Generator Set.....	117.97	
			Note: Fuel consumption: 100% load - 1.5 gallons per hour		
			For LP Or NG Gas, Add	14.75	
01 22 23 00-0684	WK		10 KW, 18 HP Gas Powered Generator Set.....	318.66	
			Note: Fuel consumption: 100% load - 1.5 gallons per hour		
			For LP Or NG Gas, Add	39.83	
01 22 23 00-0685	MO		10 KW, 18 HP Gas Powered Generator Set.....	915.30	
			Note: Fuel consumption: 100% load - 1.5 gallons per hour		
			For LP Or NG Gas, Add	114.41	
			For >6 Months (>26 Weeks) , Deduct	-36.61	
01 22 23 00-0686			Towable, Diesel Powered Generator Sets (01 22 23 00-0672) 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 00-0825 for reimbursable fuel fees.		
01 22 23 00-0687	DAY		20 KW, 60 Hertz Towable Diesel Powered Generator Set	242.72	
			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	121.36	
			For >16 To 24 Hours Usage Per Day, Add	242.72	
01 22 23 00-0688	WK		20 KW, 60 Hertz Towable Diesel Powered Generator Set	634.61	
			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	317.31	
			For >80 Hours Usage Per Week, Add	634.61	
01 22 23 00-0689	MO		20 KW, 60 Hertz Towable Diesel Powered Generator Set	1,728.90	
			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	864.45	
			For >320 Hours Usage Per Month, Add	1,728.90	
			For >6 Months (>26 Weeks) , Deduct	-69.16	
01 22 23 00-0690	DAY		30 KW, 60 Hertz Towable Diesel Powered Generator Set	366.48	
			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	183.24	
			For >16 To 24 Hours Usage Per Day, Add	366.48	

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 00-0691	WK		30 KW, 60 Hertz Towable Diesel Powered Generator Set.....	1,087.62	
			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	543.81	
			For >80 Hours Usage Per Week, Add	1,087.62	
01 22 23 00-0692	MO		30 KW, 60 Hertz Towable Diesel Powered Generator Set.....	2,246.18	
			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	1,123.09	
			For >320 Hours Usage Per Month, Add	2,246.18	
			For >6 Months (>26 Weeks) , Deduct	-89.85	
01 22 23 00-0693	DAY		40.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	401.95	
			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	200.98	
			For >16 To 24 Hours Usage Per Day, Add	401.95	
01 22 23 00-0694	WK		40.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	1,123.09	
			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	561.55	
			For >80 Hours Usage Per Week, Add	1,123.09	
01 22 23 00-0695	MO		40.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	2,482.62	
			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	1,241.31	
			For >320 Hours Usage Per Month, Add	2,482.62	
			For >6 Months (>26 Weeks) , Deduct	-99.30	
01 22 23 00-0696	DAY		55.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	431.50	
			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	215.75	
			For >16 To 24 Hours Usage Per Day, Add	431.50	
01 22 23 00-0697	WK		55.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	1,182.20	
			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	591.10	
			For >80 Hours Usage Per Week, Add	1,182.20	
01 22 23 00-0698	MO		55.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	2,837.28	
			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	1,418.64	
			For >320 Hours Usage Per Month, Add	2,837.28	
			For >6 Months (>26 Weeks) , Deduct	-113.49	
01 22 23 00-0699	DAY		70.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	472.88	
			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	236.44	
			For >16 To 24 Hours Usage Per Day, Add	472.88	
01 22 23 00-0700	WK		70.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	1,341.80	
			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	670.90	
			For >80 Hours Usage Per Week, Add	1,341.80	
01 22 23 00-0701	MO		70.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	3,191.94	
			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	1,595.97	
			For >320 Hours Usage Per Month, Add	3,191.94	
			For >6 Months (>26 Weeks) , Deduct	-127.68	
01 22 23 00-0702	DAY		80.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	531.99	
			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	266.00	
			For >16 To 24 Hours Usage Per Day, Add	531.99	
01 22 23 00-0703	WK		80.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	1,418.64	
			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	709.32	
			For >80 Hours Usage Per Week, Add	1,418.64	
01 22 23 00-0704	MO		80.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	3,546.60	
			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	1,773.30	
			For >320 Hours Usage Per Month, Add	3,546.60	
			For >6 Months (>26 Weeks) , Deduct	-141.86	
01 22 23 00-0705	DAY		100.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	549.72	
			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	274.86	
			For >16 To 24 Hours Usage Per Day, Add	549.72	
01 22 23 00-0706	WK		100.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	1,477.75	
			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	738.88	
			For >80 Hours Usage Per Week, Add	1,477.75	



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 00-0707	MO		100.0 KW, 60 Hertz Towable Diesel Powered Generator Set 4,019.48 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 2,009.74 For >320 Hours Usage Per Month, Add 4,019.48 For >6 Months (>26 Weeks) , Deduct -160.78		
01 22 23 00-0708	DAY		120.0 KW, 60 Hertz Towable Diesel Powered Generator Set 620.66 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 310.33 For >16 To 24 Hours Usage Per Day, Add 620.66		
01 22 23 00-0709	WK		120.0 KW, 60 Hertz Towable Diesel Powered Generator Set 1,714.19 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 857.10 For >80 Hours Usage Per Week, Add 1,714.19		
01 22 23 00-0710	MO		120.0 KW, 60 Hertz Towable Diesel Powered Generator Set 4,610.58 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 2,305.29 For >320 Hours Usage Per Month, Add 4,610.58 For >6 Months (>26 Weeks) , Deduct -184.42		
01 22 23 00-0711	DAY		140.0 KW, 60 Hertz Towable Diesel Powered Generator Set 650.21 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 325.11 For >16 To 24 Hours Usage Per Day, Add 650.21		
01 22 23 00-0712	WK		140.0 KW, 60 Hertz Towable Diesel Powered Generator Set 1,802.86 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 901.43 For >80 Hours Usage Per Week, Add 1,802.86		
01 22 23 00-0713	MO		140.0 KW, 60 Hertz Towable Diesel Powered Generator Set 5,083.46 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 2,541.73 For >320 Hours Usage Per Month, Add 5,083.46 For >6 Months (>26 Weeks) , Deduct -203.34		
01 22 23 00-0714	DAY		150.0 KW, 60 Hertz Towable Diesel Powered Generator Set 679.76 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 339.88 For >16 To 24 Hours Usage Per Day, Add 679.76		
01 22 23 00-0715	WK		150.0 KW, 60 Hertz Towable Diesel Powered Generator Set 1,950.63 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 975.32 For >80 Hours Usage Per Week, Add 1,950.63		
01 22 23 00-0716	MO		150.0 KW, 60 Hertz Towable Diesel Powered Generator Set 5,319.90 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 2,659.95 For >320 Hours Usage Per Month, Add 5,319.90 For >6 Months (>26 Weeks) , Deduct -212.80		
01 22 23 00-0717	DAY		160.0 KW, 60 Hertz Towable Diesel Powered Generator Set 709.32 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 354.66 For >16 To 24 Hours Usage Per Day, Add 709.32		
01 22 23 00-0718	WK		160.0 KW, 60 Hertz Towable Diesel Powered Generator Set 2,068.85 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 1,034.43 For >80 Hours Usage Per Week, Add 2,068.85		
01 22 23 00-0719	MO		160.0 KW, 60 Hertz Towable Diesel Powered Generator Set 5,556.34 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 2,778.17 For >320 Hours Usage Per Month, Add 5,556.34 For >6 Months (>26 Weeks) , Deduct -222.25		
01 22 23 00-0720	DAY		175.0 KW, 60 Hertz Towable Diesel Powered Generator Set 709.32 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 354.66 For >16 To 24 Hours Usage Per Day, Add 709.32		
01 22 23 00-0721	WK		175.0 KW, 60 Hertz Towable Diesel Powered Generator Set 2,068.85 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 1,034.43 For >80 Hours Usage Per Week, Add 2,068.85		
01 22 23 00-0722	MO		175.0 KW, 60 Hertz Towable Diesel Powered Generator Set 5,556.34 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 2,778.17 For >320 Hours Usage Per Month, Add 5,556.34 For >6 Months (>26 Weeks) , Deduct -222.25		

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 00-0723	DAY	200.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	975.32		
		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	487.66		
		For >16 To 24 Hours Usage Per Day, Add	975.32		
01 22 23 00-0724	WK	200.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	2,423.51		
		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	1,211.76		
		For >80 Hours Usage Per Week, Add	2,423.51		
01 22 23 00-0725	MO	200.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	7,093.20		
		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	3,546.60		
		For >320 Hours Usage Per Month, Add	7,093.20		
		For >6 Months (>26 Weeks) , Deduct	-283.73		
01 22 23 00-0726	DAY	250.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	1,034.42		
		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	517.21		
		For >16 To 24 Hours Usage Per Day, Add	1,034.42		
01 22 23 00-0727	WK	250.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	2,482.62		
		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 >40 To 80 Hours Usage Per Week, Add	1,241.31		
		For >80 Hours Usage Per Week, Add	2,482.62		
01 22 23 00-0728	MO	250.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	7,329.64		
		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	3,664.82		
		For >320 Hours Usage Per Month, Add	7,329.64		
		For >6 Months (>26 Weeks) , Deduct	-293.19		
01 22 23 00-0729	DAY	275.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	1,093.54		
		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	546.77		
		For >16 To 24 Hours Usage Per Day, Add	1,093.54		
01 22 23 00-0730	WK	275.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	2,541.73		
		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	1,270.87		
		For >80 Hours Usage Per Week, Add	2,541.73		
01 22 23 00-0731	MO	275.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	7,566.08		
		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	3,783.04		
		For >320 Hours Usage Per Month, Add	7,566.08		
		For >6 Months (>26 Weeks) , Deduct	-302.64		
01 22 23 00-0732	DAY	300.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	1,129.00		
		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	564.50		
		For >16 To 24 Hours Usage Per Day, Add	1,129.00		
01 22 23 00-0733	WK	300.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	2,719.06		
		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	1,359.53		
		For >80 Hours Usage Per Week, Add	2,719.06		
01 22 23 00-0734	MO	300.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	8,038.96		
		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	4,019.48		
		For >320 Hours Usage Per Month, Add	8,038.96		
		For >6 Months (>26 Weeks) , Deduct	-321.56		
01 22 23 00-0735	DAY	350.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	1,182.20		
		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	591.10		
		For >16 To 24 Hours Usage Per Day, Add	1,182.20		
01 22 23 00-0736	WK	350.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	3,073.72		
		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	1,536.86		
		For >80 Hours Usage Per Week, Add	3,073.72		
01 22 23 00-0737	MO	350.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	8,866.50		
		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	4,433.25		
		For >320 Hours Usage Per Month, Add	8,866.50		
		For >6 Months (>26 Weeks) , Deduct	-354.66		
01 22 23 00-0738	DAY	400.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	2,188.13		
		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	1,094.07		
		For >16 To 24 Hours Usage Per Day, Add	2,188.13		



General Requirements			01	5
Price and Payment Procedures			01 20	
Unit Prices			01 22	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0739	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 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 For >6 Months (>26 Weeks) , Deduct 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 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 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 For >6 Months (>26 Weeks) , Deduct 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 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 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 For >6 Months (>26 Weeks) , Deduct 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 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 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 For >6 Months (>26 Weeks) , Deduct 1,000.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Includes 1,000 Gallon fuel tank. Fuel consumption: 100% load - 71.1 gallons per hour, 75% load - 52.1 gallons per hour, 50% load - 36.4 gallons per hour. 1,000.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Includes 1,000 Gallon fuel tank. Fuel consumption: 100% load - 71.1 gallons per hour, 75% load - 52.1 gallons per hour, 50% load - 36.4 gallons per hour. 1,000.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Includes 1,000 Gallon fuel tank. Fuel consumption: 100% load - 71.1 gallons per hour, 75% load - 52.1 gallons per hour, 50% load - 36.4 gallons per hour. For >6 Months (>26 Weeks) , Deduct 1,500.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Includes 1,000 Gallon fuel tank. Fuel consumption: 100% load - 106.5 gallons per hour, 75% load - 77.8 gallons per hour, 50% load - 54.3 gallons per hour. 1,500.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Includes 1,000 Gallon fuel tank. Fuel consumption: 100% load - 106.5 gallons per hour, 75% load - 77.8 gallons per hour, 50% load - 54.3 gallons per hour. 1,500.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Includes 1,000 Gallon fuel tank. Fuel consumption: 100% load - 106.5 gallons per hour, 75% load - 77.8 gallons per hour, 50% load - 54.3 gallons per hour. For >6 Months (>26 Weeks) , Deduct 2,000.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Includes 1,000 Gallon fuel tank. Fuel consumption: 100% load - 141.9 gallons per hour, 75% load - 103.5 gallons per hour, 50% load - 72.2 gallons per hour. 2,000.0 KW, 60 Hertz Container Diesel Powered Generator Set Note: Includes 1,000 Gallon fuel tank. Fuel consumption: 100% load - 141.9 gallons per hour, 75% load - 103.5 gallons per hour, 50% load - 72.2 gallons per hour.	5,657.36 2,828.68 5,657.36 14,961.60 7,480.80 14,961.60 -598.46 2,805.30 1,402.65 2,805.30 7,293.78 3,646.89 7,293.78 16,831.80 8,415.90 16,831.80 -673.27 3,469.22 1,734.61 3,469.22 9,163.98 4,581.99 9,163.98 22,442.40 11,221.20 22,442.40 -897.70 3,749.75 1,874.88 3,749.75 8,640.32 4,320.16 8,640.32 25,920.97 12,960.49 25,920.97 -1,036.84 4,254.70 11,118.34 30,456.21 -1,218.25 5,610.60 16,831.80 48,260.51 -1,930.42 7,396.64 18,496.28	

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 00-0758	MO	2,000.0 KW, 60 Hertz Container Diesel Powered Generator Set..... Note: Includes 1,000 Gallon fuel tank. Fuel consumption: 100% load - 141.9 gallons per hour, 75% load - 103.5 gallons per hour, 50% load - 72.2 gallons per hour. <i>For >6 Months (>26 Weeks) , Deduct</i>	50,495.40 -2,019.82	
01 22 23 00-0759	EA	Up To 300 KW Generator Set Delivery, Set-Up, Testing And Pick-up.....	966.78	
01 22 23 00-0760	EA	350 To 750 KW Generator Set Delivery, Set-Up, Testing And Pick-up.....	1,578.90	
01 22 23 00-0761	EA	1,000 To 2,000 KW Generator Set Delivery, Set-Up, Testing And Pick-up.....	2,684.93	
01 22 23 00-0762		Generator Accessories (01 22 23 00-0672) Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-0763		Step Down Transformer (01 22 23 00-0762)		
01 22 23 00-0764	WK	75 KVA, 480-208 Volt, Step Down Transformer.....	348.75	
01 22 23 00-0765	MO	75 KVA, 480-208 Volt, Step Down Transformer..... <i>For >6 Months (>26 Weeks) , Deduct</i>	975.32 -39.01	
01 22 23 00-0766	WK	150 KVA, 480-208 Volt, Step Down Transformer.....	559.18	
01 22 23 00-0767	MO	150 KVA, 480-208 Volt, Step Down Transformer..... <i>For >6 Months (>26 Weeks) , Deduct</i>	1,676.36 -67.05	
01 22 23 00-0768	WK	225 KVA, 480-208 Volt, Step Down Transformer.....	744.79	
01 22 23 00-0769	MO	225 KVA, 480-208 Volt, Step Down Transformer..... <i>For >6 Months (>26 Weeks) , Deduct</i>	2,234.36 -89.37	
01 22 23 00-0770	WK	500 KVA, 480-208 Volt, Step Down Transformer.....	886.65	
01 22 23 00-0771	MO	500 KVA, 480-208 Volt, Step Down Transformer..... <i>For >6 Months (>26 Weeks) , Deduct</i>	2,659.95 -106.40	
01 22 23 00-0772	WK	1,000 KVA, 4,160/480 Volt, Step Down Transformer.....	1,324.06	
01 22 23 00-0773	MO	1,000 KVA, 4,160/480 Volt, Step Down Transformer..... <i>For >6 Months (>26 Weeks) , Deduct</i>	3,954.46 -158.18	
01 22 23 00-0774	WK	1,500 KVA, 4,160/480 Volt, Step Down Transformer.....	2,151.60	
01 22 23 00-0775	MO	1,500 KVA, 4,160/480 Volt, Step Down Transformer..... <i>For >6 Months (>26 Weeks) , Deduct</i>	6,448.90 -257.96	
01 22 23 00-0776	WK	2,500 KVA, 480-13,800/4,160 Volt, Step Down Transformer.....	2,482.62	
01 22 23 00-0777	MO	2,500 KVA, 480-13,800/4,160 Volt, Step Down Transformer..... <i>For >6 Months (>26 Weeks) , Deduct</i>	7,447.86 -297.91	
01 22 23 00-0778		Portable Panel (01 22 23 00-0762)		
01 22 23 00-0779	WK	100 Amperes, Portable Panel.....	277.82	
01 22 23 00-0780	MO	100 Amperes, Portable Panel..... <i>For >6 Months (>26 Weeks) , Deduct</i>	709.32 -28.37	
01 22 23 00-0781	WK	200 Amperes, Portable Panel.....	332.20	
01 22 23 00-0782	MO	200 Amperes, Portable Panel..... <i>For >6 Months (>26 Weeks) , Deduct</i>	886.65 -35.47	
01 22 23 00-0783	WK	400 Amperes, Portable Panel.....	354.66	
01 22 23 00-0784	MO	400 Amperes, Portable Panel..... <i>For >6 Months (>26 Weeks) , Deduct</i>	1,063.98 -42.56	
01 22 23 00-0785		Portable Fusible Disconnect (01 22 23 00-0762)		
01 22 23 00-0786	WK	100 - 200 Amperes, Portable Fusible Disconnect.....	124.13	
01 22 23 00-0787	MO	100 - 200 Amperes, Portable Fusible Disconnect..... <i>For >6 Months (>26 Weeks) , Deduct</i>	372.39 -14.90	
01 22 23 00-0788	WK	300 - 400 Amperes, Portable Fusible Disconnect.....	248.26	
01 22 23 00-0789	MO	300 - 400 Amperes, Portable Fusible Disconnect..... <i>For >6 Months (>26 Weeks) , Deduct</i>	744.79 -29.79	
01 22 23 00-0790		Portable Transfer Switch (01 22 23 00-0762)		
01 22 23 00-0791	WK	100 Amperes, 480 Volt, Portable Transfer Switch.....	372.39	
01 22 23 00-0792	MO	100 Amperes, 480 Volt, Portable Transfer Switch..... <i>For >6 Months (>26 Weeks) , Deduct</i>	1,117.18 -44.69	
01 22 23 00-0793	WK	200 Amperes, 480 Volt, Portable Transfer Switch.....	496.52	
01 22 23 00-0794	MO	200 Amperes, 480 Volt, Portable Transfer Switch..... <i>For >6 Months (>26 Weeks) , Deduct</i>	1,489.57 -59.58	
01 22 23 00-0795	WK	400 Amperes, 480 Volt, Portable Transfer Switch.....	620.66	
01 22 23 00-0796	MO	400 Amperes, 480 Volt, Portable Transfer Switch..... <i>For >6 Months (>26 Weeks) , Deduct</i>	1,861.96 -74.48	
01 22 23 00-0797		Cabling For Generator Sets (01 22 23 00-0672) Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-0798	DAY	#1 Banded Cable, 50' With Camlock Ends For Generator Set.....	26.01	
01 22 23 00-0799	WK	#1 Banded Cable, 50' With Camlock Ends For Generator Set.....	45.51	
01 22 23 00-0800	MO	#1 Banded Cable, 50' With Camlock Ends For Generator Set..... <i>For >6 Months (>26 Weeks) , Deduct</i>	136.54 -5.46	
01 22 23 00-0801	DAY	50', 4/0 Cable With Camlock Ends For Generator Set.....	13.00	
01 22 23 00-0802	WK	50', 4/0 Cable With Camlock Ends For Generator Set.....	37.83	
01 22 23 00-0803	MO	50', 4/0 Cable With Camlock Ends For Generator Set..... <i>For >6 Months (>26 Weeks) , Deduct</i>	105.22 -4.21	



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 00-0804 Resistive Load Banks For Generator Sets (01 22 23 00-0672) Note: Includes delivery to job site and pick-up when complete. See CSI section 01 22 23 00-0825 for reimbursable fuel fees.		
01 22 23 00-0805 DAY 100 KW A/C Resistive Load Bank	360.70	
01 22 23 00-0806 WK 100 KW A/C Resistive Load Bank	686.03	
01 22 23 00-0807 MO 100 KW A/C Resistive Load Bank	1,874.20	
For >6 Months (>26 Weeks) , Deduct	-74.97	
01 22 23 00-0808 DAY 650 KW A/C Resistive Load Bank	770.05	
01 22 23 00-0809 WK 650 KW A/C Resistive Load Bank	2,059.31	
01 22 23 00-0810 MO 650 KW A/C Resistive Load Bank	5,250.37	
For >6 Months (>26 Weeks) , Deduct	-210.01	
01 22 23 00-0811 Sub-Distribution Panels (Spider Box) For Generator Sets (01 22 23 00-0672) Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-0812 DAY 50 Amperes, 240 Volt, Single Phase, Sub-Distribution Panel (Spider Box)	63.84	
01 22 23 00-0813 WK 50 Amperes, 240 Volt, Single Phase, Sub-Distribution Panel (Spider Box)	165.51	
01 22 23 00-0814 MO 50 Amperes, 240 Volt, Single Phase, Sub-Distribution Panel (Spider Box)	466.97	
For >6 Months (>26 Weeks) , Deduct	-18.68	
01 22 23 00-0815 Portable Distribution Panels For Generator Sets (01 22 23 00-0672) Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-0816 DAY 200 Amperes, 208 Volt, 3 Phase, Portable Spider Box Feeder Panel	141.86	
01 22 23 00-0817 WK 200 Amperes, 208 Volt, 3 Phase, Portable Spider Box Feeder Panel	384.22	
01 22 23 00-0818 MO 200 Amperes, 208 Volt, 3 Phase, Portable Spider Box Feeder Panel	1,075.80	
For >6 Months (>26 Weeks) , Deduct	-43.03	
01 22 23 00-0819 DAY 100 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel	115.86	
01 22 23 00-0820 WK 100 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel	301.46	
01 22 23 00-0821 MO 100 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel	857.10	
For >6 Months (>26 Weeks) , Deduct	-34.28	
01 22 23 00-0822 DAY 200 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel	147.78	
01 22 23 00-0823 WK 200 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel	372.39	
01 22 23 00-0824 MO 200 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel	1,010.78	
For >6 Months (>26 Weeks) , Deduct	-40.43	
01 22 23 00-0825 Fuel Reimbursement For Generators (01 22 23 00-0672)		
01 22 23 00-0826 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 00-0827 Welding Machines (01 22 23 00-0657) Note: Includes delivery to job site and pick-up when complete. Excludes operator.		
01 22 23 00-0828 CC/CV Inverter Welder (01 22 23 00-0827) Note: Excludes cables, operator and fuel costs. See CSI section 01 22 23 00-0825 for reimbursable fuel fees.		
01 22 23 00-0829 DAY 250 Amperes, CC Inverter Welder	52.43	
01 22 23 00-0830 WK 250 Amperes, CC Inverter Welder	114.23	
01 22 23 00-0831 MO 250 Amperes, CC Inverter Welder	346.43	
For >6 Months (>26 Weeks) , Deduct	-13.86	
01 22 23 00-0832 DAY 300 Amperes, CC/CV Inverter Welder	59.92	
01 22 23 00-0833 WK 300 Amperes, CC/CV Inverter Welder	159.17	
01 22 23 00-0834 MO 300 Amperes, CC/CV Inverter Welder	421.34	
For >6 Months (>26 Weeks) , Deduct	-16.85	
01 22 23 00-0835 DAY 350 Amperes, CC/CV Inverter Welder	61.80	
01 22 23 00-0836 WK 350 Amperes, CC/CV Inverter Welder	162.92	
01 22 23 00-0837 MO 350 Amperes, CC/CV Inverter Welder	458.79	
For >6 Months (>26 Weeks) , Deduct	-18.35	
01 22 23 00-0838 MIG Welder (01 22 23 00-0827) Note: Excludes cables, operator and fuel costs. See CSI section 01 22 23 00-0825 for reimbursable fuel fees.		
01 22 23 00-0839 DAY 115 Volt MIG Welder	89.88	
01 22 23 00-0840 WK 115 Volt MIG Welder	234.08	
01 22 23 00-0841 MO 115 Volt MIG Welder	636.68	
For >6 Months (>26 Weeks) , Deduct	-25.47	
01 22 23 00-0842 Diesel Powered Towable Welding Machines (01 22 23 00-0827) Note: Includes delivery to job site and pick-up when complete. Excludes operator.		
01 22 23 00-0843 DAY 250 To 299 Amperes, Diesel Powered Towable Welding Machine	168.53	
01 22 23 00-0844 WK 250 To 299 Amperes, Diesel Powered Towable Welding Machine	411.97	
01 22 23 00-0845 MO 250 To 299 Amperes, Diesel Powered Towable Welding Machine	983.12	
For >6 Months (>26 Weeks) , Deduct	-39.32	
01 22 23 00-0846 DAY 300 To 349 Amperes, Diesel Powered Towable Welding Machine	224.71	
01 22 23 00-0847 WK 300 To 349 Amperes, Diesel Powered Towable Welding Machine	440.06	

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 00-0848	MO	300 To 349 Amperes, Diesel Powered Towable Welding Machine	1,028.06	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-41.12	
01 22 23 00-0849	DAY	350 To 399 Amperes, Diesel Powered Towable Welding Machine	234.08	
01 22 23 00-0850	WK	350 To 399 Amperes, Diesel Powered Towable Welding Machine	468.15	
01 22 23 00-0851	MO	350 To 399 Amperes, Diesel Powered Towable Welding Machine	1,142.29	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-45.69	
01 22 23 00-0852		General Equipment (01 22 23)		
01 22 23 00-0853		Torch Burning (01 22 23 00-0852)		
		Note: Includes delivery to job site, set-up, pick-up when complete and full time operator.		
01 22 23 00-0854	DAY	Torch Burning Package With Full Time Operator	913.70	
		Note: Includes torch set, regulator, hoses, oxygen tank and acetylene tank.		
		<i>For Equipment Without Operator, Deduct</i>	-866.88	
01 22 23 00-0855	WK	Torch Burning Package With Full Time Operator	4,474.85	
		Note: Includes torch set, regulator, hoses, oxygen tank and acetylene tank.		
		<i>For Equipment Without Operator, Deduct</i>	-4,334.41	
01 22 23 00-0856	MO	Torch Burning Package With Full Time Operator	19,203.76	
		Note: Includes torch set, regulator, hoses, oxygen tank and acetylene tank.		
		<i>For Equipment Without Operator, Deduct</i>	-18,782.42	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-16.85	
01 22 23 00-0857		Jacks And Bracing (01 22 23 00-0852)		
		Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-0858		Manual Hydraulic Jacks (01 22 23 00-0857)		
01 22 23 00-0859	DAY	12 Ton Manual Hydraulic Bottle Jack	1.83	
01 22 23 00-0860	WK	12 Ton Manual Hydraulic Bottle Jack	8.72	
01 22 23 00-0861	MO	12 Ton Manual Hydraulic Bottle Jack	31.36	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-1.25	
01 22 23 00-0862	DAY	20 Ton Manual Hydraulic Bottle Jack	3.21	
01 22 23 00-0863	WK	20 Ton Manual Hydraulic Bottle Jack	10.10	
01 22 23 00-0864	MO	20 Ton Manual Hydraulic Bottle Jack	38.25	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-1.53	
01 22 23 00-0865	DAY	50 Ton Manual Hydraulic Bottle Jack	11.48	
01 22 23 00-0866	WK	50 Ton Manual Hydraulic Bottle Jack	44.56	
01 22 23 00-0867	MO	50 Ton Manual Hydraulic Bottle Jack	160.32	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-6.41	
01 22 23 00-0868	DAY	100 Ton Manual Hydraulic Bottle Jack	16.08	
01 22 23 00-0869	WK	100 Ton Manual Hydraulic Bottle Jack	64.31	
01 22 23 00-0870	MO	100 Ton Manual Hydraulic Bottle Jack	231.64	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-9.27	
01 22 23 00-0871		Manual Screw Jacks (01 22 23 00-0857)		
01 22 23 00-0872	DAY	10 To 20 Ton Manual Screw Jack	17.75	
01 22 23 00-0873	WK	10 To 20 Ton Manual Screw Jack	46.99	
01 22 23 00-0874	MO	10 To 20 Ton Manual Screw Jack	140.97	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-5.64	
01 22 23 00-0875		Pressure Washers (01 22 23 00-0852)		
		Note: Includes delivery to job site, pick-up when complete and full time operator.		
01 22 23 00-0876	DAY	2,000 PSI Pressure Washer With Full-Time Operator	881.27	
		<i>For Equipment Without Operator, Deduct</i>	-772.81	
01 22 23 00-0877	WK	2,000 PSI Pressure Washer With Full-Time Operator	4,139.35	
		<i>For Equipment Without Operator, Deduct</i>	-3,864.03	
01 22 23 00-0878	MO	2,000 PSI Pressure Washer With Full-Time Operator	17,444.95	
		<i>For Equipment Without Operator, Deduct</i>	-16,744.14	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-28.03	
01 22 23 00-0879	DAY	2,500 PSI Pressure Washer With Full-Time Operator	881.27	
		<i>For Equipment Without Operator, Deduct</i>	-772.81	
01 22 23 00-0880	WK	2,500 PSI Pressure Washer With Full-Time Operator	4,139.35	
		<i>For Equipment Without Operator, Deduct</i>	-3,864.03	
01 22 23 00-0881	MO	2,500 PSI Pressure Washer With Full-Time Operator	17,444.95	
		<i>For Equipment Without Operator, Deduct</i>	-16,744.14	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-28.03	
01 22 23 00-0882	DAY	3,000 PSI Pressure Washer With Full-Time Operator	881.27	
		<i>For Equipment Without Operator, Deduct</i>	-772.81	
01 22 23 00-0883	WK	3,000 PSI Pressure Washer With Full-Time Operator	4,139.35	
		<i>For Equipment Without Operator, Deduct</i>	-3,864.03	
01 22 23 00-0884	MO	3,000 PSI Pressure Washer With Full-Time Operator	17,444.95	
		<i>For Equipment Without Operator, Deduct</i>	-16,744.14	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-28.03	
01 22 23 00-0885	DAY	3,500 PSI Pressure Washer With Full-Time Operator	889.61	
		<i>For Equipment Without Operator, Deduct</i>	-772.81	
01 22 23 00-0886	WK	3,500 PSI Pressure Washer With Full-Time Operator	4,164.38	
		<i>For Equipment Without Operator, Deduct</i>	-3,864.03	
01 22 23 00-0887	MO	3,500 PSI Pressure Washer With Full-Time Operator	17,511.70	
		<i>For Equipment Without Operator, Deduct</i>	-16,744.14	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-30.70	



General Requirements		01	5
Price and Payment Procedures		01 20	
Unit Prices		01 22	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0888 DAY 4,000 PSI Pressure Washer With Full-Time Operator For Equipment Without Operator, Deduct	922.98 -772.81	
01 22 23 00-0889 WK 4,000 PSI Pressure Washer With Full-Time Operator For Equipment Without Operator, Deduct	4,272.84 -3,864.03	
01 22 23 00-0890 MO 4,000 PSI Pressure Washer With Full-Time Operator For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	17,887.13 -16,744.14 -45.72	
01 22 23 00-0891 DAY 5,000 PSI Pressure Washer With Full-Time Operator For Equipment Without Operator, Deduct	939.67 -772.81	
01 22 23 00-0892 WK 5,000 PSI Pressure Washer With Full-Time Operator For Equipment Without Operator, Deduct	4,314.55 -3,864.03	
01 22 23 00-0893 MO 5,000 PSI Pressure Washer With Full-Time Operator For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	18,012.28 -16,744.14 -50.73	
01 22 23 00-0894 Confined Space Entry Equipment (01 22 23 00-0852) Note: Includes delivery to job site, set-up, and pick-up when complete.		
01 22 23 00-0895 DAY Ventilation Equipment For Confined Space Note: Includes electric or gas blower and ventilation duct up to 25'.	51.10	
01 22 23 00-0896 WK Ventilation Equipment For Confined Space Note: Includes electric or gas blower and ventilation duct up to 25'.	153.30	
01 22 23 00-0897 MO Ventilation Equipment For Confined Space Note: Includes electric or gas blower and ventilation duct up to 25'.	457.48	
For >6 Months (>26 Weeks) , Deduct	-18.30	
01 22 23 00-0898 DAY Confined Space Air Monitor, Tripod, Harness, Cables, SCBAs And Complete Assembly	64.20	
01 22 23 00-0899 WK Confined Space Air Monitor, Tripod, Harness, Cables, SCBAs And Complete Assembly	192.60	
01 22 23 00-0900 MO Confined Space Air Monitor, Tripod, Harness, Cables, SCBAs And Complete Assembly	577.80	
For >6 Months (>26 Weeks) , Deduct	-23.11	
01 22 23 00-0901 DAY Confined Space Air Monitor Personnel	967.21	
Note: Per person day.		
01 22 23 00-0902 WK 15' Long Ventilation Hose For Confined Space	43.08	
01 22 23 00-0903 MO 15' Long Ventilation Hose For Confined Space	143.60	
For >6 Months (>26 Weeks) , Deduct	-5.74	
01 22 23 00-0904 High Volume Vacuums (01 22 23 00-0852) Note: Includes delivery to job site, set-up, pick-up when complete and full time operator.		
01 22 23 00-0905 DAY 500 Gallon High Volume Vacuum With Full-Time Operator	1,537.06	
For Equipment Without Operator, Deduct	-967.21	
01 22 23 00-0906 WK 500 Gallon High Volume Vacuum With Full-Time Operator	6,431.63	
For Equipment Without Operator, Deduct	-4,836.05	
01 22 23 00-0907 MO 500 Gallon High Volume Vacuum With Full-Time Operator	26,426.79	
For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	-20,956.23 -218.82	
01 22 23 00-0908 Portable Floor Drying Fans (01 22 23 00-0852) Note: Includes delivery to job site and pick-up when complete. Excludes operator.		
01 22 23 00-0909 DAY 2,250 CFM Portable Floor Drying Fan	22.37	
01 22 23 00-0910 WK 2,250 CFM Portable Floor Drying Fan	103.44	
01 22 23 00-0911 MO 2,250 CFM Portable Floor Drying Fan	342.49	
For >6 Months (>26 Weeks) , Deduct	-13.70	
01 22 23 00-0912 Portable Dehumidifiers (01 22 23 00-0852) Note: Includes delivery to job site, set-up, and pick-up when complete. Excludes operator.		
01 22 23 00-0913 DAY 7.5 To 10 Gallons Per Day, Portable Dehumidifier	196.02	
01 22 23 00-0914 WK 7.5 To 10 Gallons Per Day, Portable Dehumidifier	641.52	
01 22 23 00-0915 MO 7.5 To 10 Gallons Per Day, Portable Dehumidifier	1,817.64	
For >6 Months (>26 Weeks) , Deduct	-72.71	
01 22 23 00-0916 DAY 16 To 25 Gallons Per Day, Portable Dehumidifier	288.68	
01 22 23 00-0917 WK 16 To 25 Gallons Per Day, Portable Dehumidifier	926.64	
01 22 23 00-0918 MO 16 To 25 Gallons Per Day, Portable Dehumidifier	2,583.90	
For >6 Months (>26 Weeks) , Deduct	-103.36	
01 22 23 00-0919 Portable Fume Extractors (01 22 23 00-0852) Note: Includes delivery to job site and pick-up when complete. Excludes operator.		
01 22 23 00-0920 DAY Portable Fume Extractor	32.85	
01 22 23 00-0921 WK Portable Fume Extractor	98.55	
01 22 23 00-0922 Direct Fired Space Heaters (01 22 23 00-0852) Note: Includes delivery to job site, set-up, and pick-up when complete. Excludes operator.		
01 22 23 00-0923 DAY 150,000 BTU/Hour Space Heater	76.30	
01 22 23 00-0924 WK 150,000 BTU/Hour Space Heater	219.37	
01 22 23 00-0925 MO 150,000 BTU/Hour Space Heater	619.97	
For >6 Months (>26 Weeks) , Deduct	-24.80	
01 22 23 00-0926 DAY 500,000 BTU/Hour Space Heater	162.15	
01 22 23 00-0927 WK 500,000 BTU/Hour Space Heater	400.60	
01 22 23 00-0928 MO 500,000 BTU/Hour Space Heater	1,012.94	
For >6 Months (>26 Weeks) , Deduct	-40.52	

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 00-0929

Mowers (01 22 23 00-0852)

Note: Includes delivery to job site and pick-up when complete. Excludes operator.

01 22 23 00-0930	DAY	21" Walk Behind Lawn Mower	93.91
01 22 23 00-0931	WK	21" Walk Behind Lawn Mower	270.00
01 22 23 00-0932	MO	21" Walk Behind Lawn Mower	551.73
		For >6 Months (>26 Weeks) , Deduct	-22.07
01 22 23 00-0933	DAY	32" Walk Behind Lawn Mower	117.39
01 22 23 00-0934	WK	32" Walk Behind Lawn Mower	281.74
01 22 23 00-0935	MO	32" Walk Behind Lawn Mower	586.95
		For >6 Months (>26 Weeks) , Deduct	-23.48
01 22 23 00-0936	DAY	36" To 48" Walk Behind Deck Mower	211.30
01 22 23 00-0937	WK	36" To 48" Walk Behind Deck Mower	586.95
01 22 23 00-0938	MO	36" To 48" Walk Behind Deck Mower	1,702.16
		For >6 Months (>26 Weeks) , Deduct	-68.09
01 22 23 00-0939	DAY	61" To 72" Walk Behind Deck Mower	211.30
01 22 23 00-0940	WK	61" To 72" Walk Behind Deck Mower	586.95
01 22 23 00-0941	MO	61" To 72" Walk Behind Deck Mower	1,702.16
		For >6 Months (>26 Weeks) , Deduct	-68.09

01 22 23 00-0942

Trailer Mounted Brush Chipper (01 22 23 00-0852)

Note: Includes delivery to job site and pick-up when complete.

01 22 23 00-0943	DAY	4" Capacity, Trailer Mounted Brush Chipper For Emergency Clean-up	238.26
01 22 23 00-0944	WK	4" Capacity, Trailer Mounted Brush Chipper For Emergency Clean-up	569.74
01 22 23 00-0945	MO	4" Capacity, Trailer Mounted Brush Chipper For Emergency Clean-up	1,750.67
		For >6 Months (>26 Weeks) , Deduct	-70.03
01 22 23 00-0946	DAY	6" Capacity, Trailer Mounted Brush Chipper For Emergency Clean-up	310.77
01 22 23 00-0947	WK	6" Capacity, Trailer Mounted Brush Chipper For Emergency Clean-up	700.27
01 22 23 00-0948	MO	6" Capacity, Trailer Mounted Brush Chipper For Emergency Clean-up	1,864.62
		For >6 Months (>26 Weeks) , Deduct	-74.58
01 22 23 00-0949	DAY	9" Capacity, Trailer Mounted Brush Chipper For Emergency Clean-up	580.10
01 22 23 00-0950	WK	9" Capacity, Trailer Mounted Brush Chipper For Emergency Clean-up	1,305.23
01 22 23 00-0951	MO	9" Capacity, Trailer Mounted Brush Chipper For Emergency Clean-up	3,480.62
		For >6 Months (>26 Weeks) , Deduct	-139.22
01 22 23 00-0952	DAY	12" Capacity, Trailer Mounted Brush Chipper For Emergency Clean-up	554.40
01 22 23 00-0953	WK	12" Capacity, Trailer Mounted Brush Chipper For Emergency Clean-up	1,247.40
01 22 23 00-0954	MO	12" Capacity, Trailer Mounted Brush Chipper For Emergency Clean-up	3,326.40
		For >6 Months (>26 Weeks) , Deduct	-133.06

01 22 23 00-0955

Marine Equipment (01 22 23)

01 22 23 00-0956

Barge And Tug Boat Rental (01 22 23 00-0955)

01 22 23 00-0957	DAY	50' Deck Cargo Barge	1,160.21
01 22 23 00-0958	DAY	90' Deck Cargo Barge	1,647.08
01 22 23 00-0959	DAY	160' Deck Cargo Barge	2,424.01
01 22 23 00-0960	DAY	200' Deck Cargo Barge	3,677.44
01 22 23 00-0961	DAY	Barge Rental With Mounted Crane And Full-time Operator	2,754.12
		Note: Including barge.	
01 22 23 00-0962	HR	250 HP Tug Boat With Operator	239.59
01 22 23 00-0963	HR	400 HP Tug Boat With Operator	429.67
01 22 23 00-0964	HR	500 To 800 HP Tug Boat With Operator	538.91
01 22 23 00-0965	HR	16' Work Boat With Operator	131.39
01 22 23 00-0966	HR	48' Work Boat With Operator	421.30

01 22 23 00-0967

Material Handling Equipment (01 22 23)

01 22 23 00-0968

Truck Mounted Hydraulic Cranes (01 22 23 00-0967)

Note: Includes full-time operator, delivery, set-up, rigging, all necessary counter weights and removal time in rental period. Excludes lattice boom extension.

01 22 23 00-0969	DAY	6 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	1,482.70
		For Equipment Without Operator, Deduct	-987.80
01 22 23 00-0970	WK	6 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	6,438.29
		For Equipment Without Operator, Deduct	-4,939.02
01 22 23 00-0971	MO	6 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	25,914.78
		For Equipment Without Operator, Deduct	-21,402.42
		For >6 Months (>26 Weeks) , Deduct	-180.49
01 22 23 00-0972	DAY	8 To 9 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	1,613.71
		For Equipment Without Operator, Deduct	-987.80
01 22 23 00-0973	WK	8 To 9 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	6,827.66
		For Equipment Without Operator, Deduct	-4,939.02
01 22 23 00-0974	MO	8 To 9 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	27,079.26
		For Equipment Without Operator, Deduct	-21,402.42
		For >6 Months (>26 Weeks) , Deduct	-227.07
01 22 23 00-0975	DAY	14 To 15 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	1,744.71
		For Equipment Without Operator, Deduct	-987.80
01 22 23 00-0976	WK	14 To 15 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	7,217.03
		For Equipment Without Operator, Deduct	-4,939.02



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0977 MO 14 To 15 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	28,243.74 -21,402.42 -273.65	
01 22 23 00-0978 DAY 20 To 25 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator For Equipment Without Operator, Deduct	1,919.38 -987.80	
01 22 23 00-0979 WK 20 To 25 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator For Equipment Without Operator, Deduct	7,741.05 -4,939.02	
01 22 23 00-0980 MO 20 To 25 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	29,808.51 -21,402.42 -336.24	
01 22 23 00-0981 DAY 30 To 35 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator For Equipment Without Operator, Deduct	2,079.50 -987.80	
01 22 23 00-0982 WK 30 To 35 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator For Equipment Without Operator, Deduct	8,825.47 -4,939.02	
01 22 23 00-0983 MO 30 To 35 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	33,058.86 -21,402.42 -466.26	
01 22 23 00-0984 DAY 40 To 45 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator For Equipment Without Operator, Deduct	2,457.96 -987.80	
01 22 23 00-0985 WK 40 To 45 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator For Equipment Without Operator, Deduct	10,179.18 -4,939.02	
01 22 23 00-0986 MO 40 To 45 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	37,122.90 -21,402.42 -628.82	
01 22 23 00-0987 DAY 50 To 55 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator For Equipment Without Operator, Deduct	2,698.13 -987.80	
01 22 23 00-0988 WK 50 To 55 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator For Equipment Without Operator, Deduct	11,023.43 -4,939.02	
01 22 23 00-0989 MO 50 To 55 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	39,661.47 -21,402.42 -730.36	
01 22 23 00-0990 DAY 60 To 65 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator For Equipment Without Operator, Deduct	2,887.36 -987.80	
01 22 23 00-0991 WK 60 To 65 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator For Equipment Without Operator, Deduct	11,707.56 -4,939.02	
01 22 23 00-0992 MO 60 To 65 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	41,710.95 -21,402.42 -812.34	
01 22 23 00-0993 DAY 70 To 75 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator For Equipment Without Operator, Deduct	3,076.59 -987.80	
01 22 23 00-0994 WK 70 To 75 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator For Equipment Without Operator, Deduct	12,391.69 -4,939.02	
01 22 23 00-0995 MO 70 To 75 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	43,760.44 -21,402.42 -894.32	
01 22 23 00-0996 DAY 85 To 90 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator For Equipment Without Operator, Deduct	3,200.31 -987.80	
01 22 23 00-0997 WK 85 To 90 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator For Equipment Without Operator, Deduct	12,813.82 -4,939.02	
01 22 23 00-0998 MO 85 To 90 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	45,041.36 -21,402.42 -945.56	
01 22 23 00-0999 DAY 100 To 110 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator For Equipment Without Operator, Deduct	3,367.71 -987.80	
01 22 23 00-1000 WK 100 To 110 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator For Equipment Without Operator, Deduct	13,439.72 -4,939.02	
01 22 23 00-1001 MO 100 To 110 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	46,904.53 -21,402.42 -1,020.08	
01 22 23 00-1002 DAY 120 To 125 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator For Equipment Without Operator, Deduct For Half Day Usage, Deduct	3,906.28 -987.80 -1,167.39	
01 22 23 00-1003 WK 120 To 125 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator For Equipment Without Operator, Deduct	15,153.69 -4,939.02	
01 22 23 00-1004 MO 120 To 125 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	52,046.44 -21,402.42 -1,225.76	
01 22 23 00-1005 DAY 140 To 150 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator For Equipment Without Operator, Deduct For Half Day Usage, Deduct	4,277.46 -987.80 -1,315.86	
01 22 23 00-1006 WK 140 To 150 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator For Equipment Without Operator, Deduct	16,452.82 -4,939.02	
01 22 23 00-1007 MO 140 To 150 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	55,943.81 -21,402.42 -1,381.66	
01 22 23 00-1008 DAY 175 To 185 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator For Equipment Without Operator, Deduct For Half Day Usage, Deduct	4,947.03 -987.80 -1,583.69	
01 22 23 00-1009 WK 175 To 185 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator For Equipment Without Operator, Deduct	18,796.33 -4,939.02	
01 22 23 00-1010 MO 175 To 185 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator For Equipment Without Operator, Deduct For >6 Months (>26 Weeks) , Deduct	62,974.36 -21,402.42 -1,662.88	

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 00-1011	DAY	200 To 210 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i> <i>For Half Day Usage, Deduct</i>	5,412.82 -987.80 -1,770.01	
01 22 23 00-1012	WK	200 To 210 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	20,426.60 -4,939.02	
01 22 23 00-1013	MO	200 To 210 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i> <i>For >6 Months (>26 Weeks) , Deduct</i>	67,865.17 -21,402.42 -1,858.51	
01 22 23 00-1014		Cable Controlled Lattice Boom, Mechanical Cranes (01 22 23 00-0967) Note: Includes full-time operator and counterweights. Excludes delivery, set-up, and removal. See CSI section 01 71 13 00-0006 for lattice crane delivery.		
01 22 23 00-1015	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>	2,734.52 -987.80	
01 22 23 00-1016	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>	11,168.99 -4,939.02	
01 22 23 00-1017	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> <i>For >6 Months (>26 Weeks) , Deduct</i>	40,092.32 -21,402.42 -747.60	
01 22 23 00-1018	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>	4,080.95 -987.80	
01 22 23 00-1019	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>	13,410.61 -4,939.02	
01 22 23 00-1020	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> <i>For >6 Months (>26 Weeks) , Deduct</i>	46,817.20 -21,402.42 -1,016.59	
01 22 23 00-1021	DAY	125 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	4,299.29 -987.80	
01 22 23 00-1022	WK	125 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	15,004.49 -4,939.02	
01 22 23 00-1023	MO	125 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i> <i>For >6 Months (>26 Weeks) , Deduct</i>	51,597.39 -21,402.42 -1,207.80	
01 22 23 00-1024	DAY	150 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	4,735.97 -987.80	
01 22 23 00-1025	WK	150 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	16,598.38 -4,939.02	
01 22 23 00-1026	MO	150 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i> <i>For >6 Months (>26 Weeks) , Deduct</i>	56,371.75 -21,402.42 -1,398.77	
01 22 23 00-1027	DAY	200 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	4,943.39 -987.80	
01 22 23 00-1028	WK	200 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	18,192.26 -4,939.02	
01 22 23 00-1029	MO	200 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i> <i>For >6 Months (>26 Weeks) , Deduct</i>	61,157.77 -21,402.42 -1,590.21	
01 22 23 00-1030	DAY	250 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	5,150.82 -987.80	
01 22 23 00-1031	WK	250 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	19,786.14 -4,939.02	
01 22 23 00-1032	MO	250 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i> <i>For >6 Months (>26 Weeks) , Deduct</i>	65,943.78 -21,402.42 -1,781.65	
01 22 23 00-1033	DAY	300 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	5,834.95 -987.80	
01 22 23 00-1034	WK	300 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	22,238.83 -4,939.02	
01 22 23 00-1035	MO	300 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i> <i>For >6 Months (>26 Weeks) , Deduct</i>	73,291.65 -21,402.42 -2,075.57	
01 22 23 00-1036	DAY	500 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	10,041.63 -987.80	
01 22 23 00-1037	WK	500 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	37,231.51 -4,939.02	
01 22 23 00-1038	MO	500 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i> <i>For >6 Months (>26 Weeks) , Deduct</i>	118,287.16 -21,402.42 -3,875.39	
01 22 23 00-1039		Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklifts (01 22 23 00-0967) Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-1040	DAY	5,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,577.38 -967.21	
01 22 23 00-1041	WK	5,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	6,329.35 -4,836.05	



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

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1042	MO	5,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator <i>For Equipment Without Operator, Deduct</i> <i>For >6 Months (>26 Weeks) , Deduct</i>	24,167.63 -20,956.23 -128.46	
01 22 23 00-1043	DAY	6,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,641.60 -967.21	
01 22 23 00-1044	WK	6,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	6,473.86 -4,836.05	
01 22 23 00-1045	MO	6,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator <i>For Equipment Without Operator, Deduct</i> <i>For >6 Months (>26 Weeks) , Deduct</i>	24,488.77 -20,956.23 -141.30	
01 22 23 00-1046	DAY	8,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,625.55 -967.21	
01 22 23 00-1047	WK	8,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	6,546.12 -4,836.05	
01 22 23 00-1048	MO	8,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator <i>For Equipment Without Operator, Deduct</i> <i>For >6 Months (>26 Weeks) , Deduct</i>	24,970.48 -20,956.23 -160.57	
01 22 23 00-1049	DAY	10,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,810.20 -967.21	
01 22 23 00-1050	WK	10,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	7,027.83 -4,836.05	
01 22 23 00-1051	MO	10,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator <i>For Equipment Without Operator, Deduct</i> <i>For >6 Months (>26 Weeks) , Deduct</i>	26,094.47 -20,956.23 -205.53	
01 22 23 00-1052		Straight Mast, Rough Terrain Construction Forklifts (01 22 23 00-0967) Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-1053	DAY	5,000 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>	1,363.82 -967.21 79.32	
01 22 23 00-1054	WK	5,000 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>	5,919.09 -4,836.05 216.61	
01 22 23 00-1055	MO	5,000 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> <i>For >6 Months (>26 Weeks) , Deduct</i>	23,435.03 -20,956.23 495.76 -99.15	
01 22 23 00-1056	DAY	6,000 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>	1,384.69 -967.21 83.50	
01 22 23 00-1057	WK	6,000 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>	5,976.10 -4,836.05 228.01	
01 22 23 00-1058	MO	6,000 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> <i>For >6 Months (>26 Weeks) , Deduct</i>	23,565.49 -20,956.23 521.85 -104.37	
01 22 23 00-1059	DAY	8,000 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>	1,497.09 -967.21 105.98	
01 22 23 00-1060	WK	8,000 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>	6,289.21 -4,836.05 290.63	
01 22 23 00-1061	MO	8,000 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> <i>For >6 Months (>26 Weeks) , Deduct</i>	24,288.06 -20,956.23 666.37 -133.27	
01 22 23 00-1062	DAY	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>	1,558.99 -967.21 118.36	
01 22 23 00-1063	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>	6,262.39 -4,836.05 285.27	
01 22 23 00-1064	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> <i>For >6 Months (>26 Weeks) , Deduct</i>	24,506.91 -20,956.23 710.14 -142.03	
01 22 23 00-1065		Straight Mast, Industrial Warehouse Forklifts (01 22 23 00-0967) Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-1066	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>	1,304.41 -967.21 67.44	
01 22 23 00-1067	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>	5,606.79 -4,836.05 154.15	
01 22 23 00-1068	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> <i>For >6 Months (>26 Weeks) , Deduct</i>	22,802.79 -20,956.23 369.31 -73.86	
01 22 23 00-1069	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>	1,312.44 -967.21 69.05	

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 00-1070	WK	6,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	5,630.87 -4,836.05	
		<i>For Propane Instead Of Gas Or Diesel, Add</i>	158.96	
01 22 23 00-1071	MO	6,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	22,858.98 -20,956.23	
		<i>For Propane Instead Of Gas Or Diesel, Add</i>	380.55	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-76.11	
01 22 23 00-1072	DAY	8,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	1,481.03 -967.21	
		<i>For Propane Instead Of Gas Or Diesel, Add</i>	102.76	
01 22 23 00-1073	WK	8,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	6,000.18 -4,836.05	
		<i>For Propane Instead Of Gas Or Diesel, Add</i>	232.83	
01 22 23 00-1074	MO	8,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	23,766.21 -20,956.23	
		<i>For Propane Instead Of Gas Or Diesel, Add</i>	562.00	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-112.40	
01 22 23 00-1075	DAY	12,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	1,497.09 -967.21	
		<i>For Propane Instead Of Gas Or Diesel, Add</i>	105.98	
01 22 23 00-1076	WK	12,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	6,136.67 -4,836.05	
		<i>For Propane Instead Of Gas Or Diesel, Add</i>	260.12	
01 22 23 00-1077	MO	12,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	24,247.91 -20,956.23	
		<i>For Propane Instead Of Gas Or Diesel, Add</i>	658.34	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-131.67	
01 22 23 00-1078	DAY	15,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	1,641.60 -967.21	
		<i>For Propane Instead Of Gas Or Diesel, Add</i>	134.88	
01 22 23 00-1079	WK	15,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	6,369.49 -4,836.05	
		<i>For Propane Instead Of Gas Or Diesel, Add</i>	306.69	
01 22 23 00-1080	MO	15,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	24,649.34 -20,956.23	
		<i>For Propane Instead Of Gas Or Diesel, Add</i>	738.62	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-147.72	
01 22 23 00-1081		Chain Hoists (01 22 23 00-0967) Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-1082	DAY	1 Ton, 20' Lift, Manual Chain Hoist.....	13.78	
01 22 23 00-1083	WK	1 Ton, 20' Lift, Manual Chain Hoist.....	35.83	
01 22 23 00-1084	MO	1 Ton, 20' Lift, Manual Chain Hoist..... <i>For >6 Months (>26 Weeks) , Deduct</i>	106.11 -4.24	
01 22 23 00-1085	DAY	3 Ton, 20' Lift, Manual Chain Hoist.....	38.58	
01 22 23 00-1086	WK	3 Ton, 20' Lift, Manual Chain Hoist.....	90.95	
01 22 23 00-1087	MO	3 Ton, 20' Lift, Manual Chain Hoist..... <i>For >6 Months (>26 Weeks) , Deduct</i>	254.93 -10.20	
01 22 23 00-1088	DAY	5 Ton, 20' Lift, Manual Chain Hoist.....	49.61	
01 22 23 00-1089	WK	5 Ton, 20' Lift, Manual Chain Hoist.....	133.67	
01 22 23 00-1090	MO	5 Ton, 20' Lift, Manual Chain Hoist..... <i>For >6 Months (>26 Weeks) , Deduct</i>	372.06 -14.88	
01 22 23 00-1091	DAY	2 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	97.84	
01 22 23 00-1092	WK	2 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	254.93	
01 22 23 00-1093	MO	2 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist..... <i>For >6 Months (>26 Weeks) , Deduct</i>	689.00 -27.56	
01 22 23 00-1094	DAY	3 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	99.22	
01 22 23 00-1095	WK	3 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	265.26	
01 22 23 00-1096	MO	3 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist..... <i>For >6 Months (>26 Weeks) , Deduct</i>	723.45 -28.94	
01 22 23 00-1097	DAY	5 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	101.97	
01 22 23 00-1098	WK	5 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist.....	285.94	
01 22 23 00-1099	MO	5 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist..... <i>For >6 Months (>26 Weeks) , Deduct</i>	792.35 -31.69	
01 22 23 00-1100		Roof Swing Hoist (01 22 23 00-0967) Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-1101	DAY	Up To 400 Lbs, Manual Swing Roof Hoist.....	100.36	
01 22 23 00-1102	WK	Up To 400 Lbs, Manual Swing Roof Hoist.....	351.26	
01 22 23 00-1103	MO	Up To 400 Lbs, Manual Swing Roof Hoist..... <i>For >6 Months (>26 Weeks) , Deduct</i>	1,204.32 -48.17	
01 22 23 00-1104		Truck Mounted Digger Derrick (01 22 23 00-0967) Note: Includes full-time operator, delivery, set-up, and removal time in rental period. Lifting capacity is reduced. Note: Includes lifting boom, grapple arm and auger drill.		
01 22 23 00-1105	DAY	Up To 47' Sheave Height, 34' Horizontal Reach, 12 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	1,676.85 -987.80	



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 00-1106	WK		Up To 47' Sheave Height, 34' Horizontal Reach, 12 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator Note: Includes lifting boom, grapple arm and auger drill. <i>For Equipment Without Operator, Deduct</i>	7,006.17 -4,939.02	
01 22 23 00-1107	MO		Up To 47' Sheave Height, 34' Horizontal Reach, 12 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator Note: Includes lifting boom, grapple arm and auger drill. <i>For Equipment Without Operator, Deduct</i> <i>For >6 Months (>26 Weeks) , Deduct</i>	26,914.83 -21,402.42 -220.50	
01 22 23 00-1108	DAY		Up To 48' Sheave Height, 38' Horizontal Reach, 15 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator Note: Includes lifting boom, grapple arm and auger drill. <i>For Equipment Without Operator, Deduct</i>	1,818.48 -987.80	
01 22 23 00-1109	WK		Up To 48' Sheave Height, 38' Horizontal Reach, 15 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator Note: Includes lifting boom, grapple arm and auger drill. <i>For Equipment Without Operator, Deduct</i>	7,431.06 -4,939.02	
01 22 23 00-1110	MO		Up To 48' Sheave Height, 38' Horizontal Reach, 15 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator Note: Includes lifting boom, grapple arm and auger drill. <i>For Equipment Without Operator, Deduct</i> <i>For >6 Months (>26 Weeks) , Deduct</i>	28,047.86 -21,402.42 -265.82	
01 22 23 00-1111	DAY		Up To 65' Sheave Height, 55' Horizontal Reach, 21 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator Note: Includes lifting boom, grapple arm and auger drill. <i>For Equipment Without Operator, Deduct</i>	2,693.66 -987.80	
01 22 23 00-1112	WK		Up To 65' Sheave Height, 55' Horizontal Reach, 21 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator Note: Includes lifting boom, grapple arm and auger drill. <i>For Equipment Without Operator, Deduct</i>	10,056.61 -4,939.02	
01 22 23 00-1113	MO		Up To 65' Sheave Height, 55' Horizontal Reach, 21 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator Note: Includes lifting boom, grapple arm and auger drill. <i>For Equipment Without Operator, Deduct</i> <i>For >6 Months (>26 Weeks) , Deduct</i>	35,049.32 -21,402.42 -545.88	
01 22 23 00-1114			Pumping Equipment (01 22 23)		
01 22 23 00-1115			Gas Powered Portable Centrifugal Pumps (01 22 23 00-1114) Note: Includes delivery, set-up, and removal. Excludes operator. See CSI section 01 22 23 00-1139 for larger diameter pumps.		
01 22 23 00-1116	DAY		8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump	75.67	
01 22 23 00-1117	WK		8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump	170.25	
01 22 23 00-1118	MO		8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump	454.01	
			<i>For >6 Months (>26 Weeks) , Deduct</i>	-18.16	
01 22 23 00-1119	DAY		16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump	90.80	
01 22 23 00-1120	WK		16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump	204.30	
01 22 23 00-1121	MO		16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump	544.81	
			<i>For >6 Months (>26 Weeks) , Deduct</i>	-21.79	
01 22 23 00-1122			Gas Powered Portable Diaphragm Pumps (01 22 23 00-1114) Note: Includes delivery, set-up, and removal. Excludes operator.		
01 22 23 00-1123	DAY		3,000 GPH, 2" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	87.02	
01 22 23 00-1124	WK		3,000 GPH, 2" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	245.92	
01 22 23 00-1125	MO		3,000 GPH, 2" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	624.26	
			<i>For >6 Months (>26 Weeks) , Deduct</i>	-24.97	
01 22 23 00-1126	DAY		5,200 GPH, 3" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	105.94	
01 22 23 00-1127	WK		5,200 GPH, 3" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	283.76	
01 22 23 00-1128	MO		5,200 GPH, 3" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	803.97	
			<i>For >6 Months (>26 Weeks) , Deduct</i>	-32.16	
01 22 23 00-1129			Gas Powered Portable Trash Pumps (01 22 23 00-1114) Note: Includes delivery, set-up, and removal. Excludes operator.		
01 22 23 00-1130	DAY		12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump.....	109.72	
01 22 23 00-1131	WK		12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump.....	227.00	
01 22 23 00-1132	MO		12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump.....	681.01	
			<i>For >6 Months (>26 Weeks) , Deduct</i>	-27.24	
01 22 23 00-1133	DAY		25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump.....	109.72	
01 22 23 00-1134	WK		25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump.....	293.21	
01 22 23 00-1135	MO		25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump.....	803.97	
			<i>For >6 Months (>26 Weeks) , Deduct</i>	-32.16	
01 22 23 00-1136	DAY		35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump.....	174.04	
01 22 23 00-1137	WK		35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump.....	491.84	
01 22 23 00-1138	MO		35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump.....	1,428.23	
			<i>For >6 Months (>26 Weeks) , Deduct</i>	-57.13	
01 22 23 00-1139			Diesel Powered Portable Trash Pumps (01 22 23 00-1114) Note: Includes delivery, set-up, and removal. Excludes operator.		
01 22 23 00-1140	DAY		63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump	340.51	
01 22 23 00-1141	WK		63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump	926.93	

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 00-1142	MO	63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump	4,038.78	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-161.55	
01 22 23 00-1143	DAY	156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	520.22	
01 22 23 00-1144	WK	156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	1,362.02	
01 22 23 00-1145	MO	156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	3,622.61	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-144.90	
01 22 23 00-1146	DAY	246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	707.50	
01 22 23 00-1147	WK	246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	1,893.59	
01 22 23 00-1148	MO	246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	5,065.97	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-202.64	
01 22 23 00-1149	DAY	379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump	915.58	
01 22 23 00-1150	WK	379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump	2,338.14	
01 22 23 00-1151	MO	379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump	6,866.87	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-274.67	
01 22 23 00-1152		Diesel Powered Portable High Head Trash Pumps (01 22 23 00-1114)		
		Note: Includes delivery, set-up, and removal. Excludes operator.		
01 22 23 00-1153	DAY	27,000 GPH, 3" Suction, 3" Discharge, 300' Maximum Head, Diesel Powered Portable High Head Trash Pump	454.01	
01 22 23 00-1154	WK	27,000 GPH, 3" Suction, 3" Discharge, 300' Maximum Head, Diesel Powered Portable High Head Trash Pump	1,021.52	
01 22 23 00-1155	MO	27,000 GPH, 3" Suction, 3" Discharge, 300' Maximum Head, Diesel Powered Portable High Head Trash Pump	2,724.05	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-108.96	
01 22 23 00-1156	DAY	90,000 GPH, 6" Suction, 4" Discharge, 330' Maximum Head, Diesel Powered Portable High Head Trash Pump	681.01	
01 22 23 00-1157	WK	90,000 GPH, 6" Suction, 4" Discharge, 330' Maximum Head, Diesel Powered Portable High Head Trash Pump	1,821.71	
01 22 23 00-1158	MO	90,000 GPH, 6" Suction, 4" Discharge, 330' Maximum Head, Diesel Powered Portable High Head Trash Pump	5,107.59	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-204.30	
01 22 23 00-1159	DAY	135,000 GPH, 8" Suction, 6" Discharge, 320' Maximum Head, Diesel Powered Portable High Head Trash Pump	832.35	
01 22 23 00-1160	WK	135,000 GPH, 8" Suction, 6" Discharge, 320' Maximum Head, Diesel Powered Portable High Head Trash Pump	1,872.78	
01 22 23 00-1161	MO	135,000 GPH, 8" Suction, 6" Discharge, 320' Maximum Head, Diesel Powered Portable High Head Trash Pump	4,994.09	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-199.76	
01 22 23 00-1162		Diesel Powered Portable Silenced Environmental Trash Pumps (01 22 23 00-1114)		
		Note: Includes delivery, set-up, and removal. Excludes operator.		
01 22 23 00-1163	DAY	90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	486.17	
01 22 23 00-1164	WK	90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	1,106.64	
01 22 23 00-1165	MO	90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	3,450.46	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-138.02	
01 22 23 00-1166	DAY	136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	595.89	
01 22 23 00-1167	WK	136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	1,484.98	
01 22 23 00-1168	MO	136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	4,038.78	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-161.55	
01 22 23 00-1169	DAY	246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	718.85	
01 22 23 00-1170	WK	246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	2,126.27	
01 22 23 00-1171	MO	246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	5,930.48	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-237.22	
01 22 23 00-1172	DAY	510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	1,082.05	
01 22 23 00-1173	WK	510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	2,763.77	
01 22 23 00-1174	MO	510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	8,115.39	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-324.62	
01 22 23 00-1175		3 Phase Electric Submersible Pumps (01 22 23 00-1114)		
		Note: Includes delivery, set-up, and removal. Excludes operator.		
01 22 23 00-1176	DAY	24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump	189.17	
01 22 23 00-1177	WK	24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump	472.92	
01 22 23 00-1178	MO	24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump	1,418.78	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-56.75	
01 22 23 00-1179	DAY	49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump	249.70	
01 22 23 00-1180	WK	49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump	624.26	
01 22 23 00-1181	MO	49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump	1,872.78	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-74.91	
01 22 23 00-1182		Suction Hose With Couplings (01 22 23 00-1114)		
		Note: Includes delivery, set-up, and removal.		
01 22 23 00-1183	DAY	Up To 2" Inside Diameter, 20' Length, Suction Hose With Couplings	5.76	
01 22 23 00-1184	WK	Up To 2" Inside Diameter, 20' Length, Suction Hose With Couplings	14.40	
01 22 23 00-1185	MO	Up To 2" Inside Diameter, 20' Length, Suction Hose With Couplings	44.16	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-1.77	
01 22 23 00-1186	DAY	3" Inside Diameter, 20' Length, Suction Hose With Couplings	15.36	
01 22 23 00-1187	WK	3" Inside Diameter, 20' Length, Suction Hose With Couplings	39.36	
01 22 23 00-1188	MO	3" Inside Diameter, 20' Length, Suction Hose With Couplings	120.00	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-4.80	
01 22 23 00-1189	DAY	4" Inside Diameter, 20' Length, Suction Hose With Couplings	23.04	
01 22 23 00-1190	WK	4" Inside Diameter, 20' Length, Suction Hose With Couplings	58.56	



General Requirements		01	5
Price and Payment Procedures		01 20	
Unit Prices		01 22	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1191	MO		4" Inside Diameter, 20' Length, Suction Hose With Couplings.....	177.60	
			For >6 Months (>26 Weeks) , Deduct	-7.10	
01 22 23 00-1192	DAY		6" Inside Diameter, 20' Length, Suction Hose With Couplings.....	28.80	
01 22 23 00-1193	WK		6" Inside Diameter, 20' Length, Suction Hose With Couplings.....	72.00	
01 22 23 00-1194	MO		6" Inside Diameter, 20' Length, Suction Hose With Couplings.....	211.20	
			For >6 Months (>26 Weeks) , Deduct	-8.45	
01 22 23 00-1195	DAY		10" Inside Diameter, 20' Length, Suction Hose With Couplings.....	67.20	
01 22 23 00-1196	WK		10" Inside Diameter, 20' Length, Suction Hose With Couplings.....	172.80	
01 22 23 00-1197	MO		10" Inside Diameter, 20' Length, Suction Hose With Couplings.....	508.80	
			For >6 Months (>26 Weeks) , Deduct	-20.35	
01 22 23 00-1198	DAY		12" Inside Diameter, 20' Length, Suction Hose With Couplings.....	90.24	
01 22 23 00-1199	WK		12" Inside Diameter, 20' Length, Suction Hose With Couplings.....	196.80	
01 22 23 00-1200	MO		12" Inside Diameter, 20' Length, Suction Hose With Couplings.....	590.40	
			For >6 Months (>26 Weeks) , Deduct	-23.62	
01 22 23 00-1201			Discharge Hose With Couplings (01 22 23 00-1114)		
			Note: Includes delivery, set-up, and removal.		
01 22 23 00-1202	DAY		1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings.....	5.76	
01 22 23 00-1203	WK		1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings.....	14.40	
01 22 23 00-1204	MO		1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings.....	44.16	
			For >6 Months (>26 Weeks) , Deduct	-1.77	
01 22 23 00-1205	DAY		2" Inside Diameter, 50' Length, Discharge Hose With Couplings.....	6.72	
01 22 23 00-1206	WK		2" Inside Diameter, 50' Length, Discharge Hose With Couplings.....	16.32	
01 22 23 00-1207	MO		2" Inside Diameter, 50' Length, Discharge Hose With Couplings.....	50.88	
			For >6 Months (>26 Weeks) , Deduct	-2.04	
01 22 23 00-1208	DAY		3" Inside Diameter, 50' Length, Discharge Hose With Couplings.....	7.68	
01 22 23 00-1209	WK		3" Inside Diameter, 50' Length, Discharge Hose With Couplings.....	19.20	
01 22 23 00-1210	MO		3" Inside Diameter, 50' Length, Discharge Hose With Couplings.....	58.56	
			For >6 Months (>26 Weeks) , Deduct	-2.34	
01 22 23 00-1211	DAY		4" Inside Diameter, 50' Length, Discharge Hose With Couplings.....	20.16	
01 22 23 00-1212	WK		4" Inside Diameter, 50' Length, Discharge Hose With Couplings.....	51.84	
01 22 23 00-1213	MO		4" Inside Diameter, 50' Length, Discharge Hose With Couplings.....	148.80	
			For >6 Months (>26 Weeks) , Deduct	-5.95	
01 22 23 00-1214	DAY		6" Inside Diameter, 50' Length, Discharge Hose With Couplings.....	24.96	
01 22 23 00-1215	WK		6" Inside Diameter, 50' Length, Discharge Hose With Couplings.....	68.16	
01 22 23 00-1216	MO		6" Inside Diameter, 50' Length, Discharge Hose With Couplings.....	187.20	
			For >6 Months (>26 Weeks) , Deduct	-7.49	
01 22 23 00-1217	DAY		10" Inside Diameter, 10' Length, Discharge Hose With Couplings.....	19.20	
01 22 23 00-1218	WK		10" Inside Diameter, 10' Length, Discharge Hose With Couplings.....	48.00	
01 22 23 00-1219	MO		10" Inside Diameter, 10' Length, Discharge Hose With Couplings.....	144.00	
			For >6 Months (>26 Weeks) , Deduct	-5.76	
01 22 23 00-1220	DAY		12" Inside Diameter, 10' Length, Discharge Hose With Couplings.....	48.96	
01 22 23 00-1221	WK		12" Inside Diameter, 10' Length, Discharge Hose With Couplings.....	124.80	
01 22 23 00-1222	MO		12" Inside Diameter, 10' Length, Discharge Hose With Couplings.....	369.60	
			For >6 Months (>26 Weeks) , Deduct	-14.78	
01 22 23 00-1223			Hydraulic Submersible Pumps (01 22 23 00-1114)		
			Note: Includes delivery, set-up, and removal. Excludes operator.		
01 22 23 00-1224			Hydraulic Submersible Pumps (01 22 23 00-1223)		
			Note: Includes delivery, set-up, and removal. Excludes operator.		
01 22 23 00-1225	DAY		60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump.....	124.85	
01 22 23 00-1226	WK		60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump.....	334.83	
01 22 23 00-1227	MO		60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump.....	936.39	
			For >6 Months (>26 Weeks) , Deduct	-37.46	
01 22 23 00-1228	DAY		132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump.....	158.90	
01 22 23 00-1229	WK		132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump.....	408.61	
01 22 23 00-1230	MO		132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump.....	1,248.52	
			For >6 Months (>26 Weeks) , Deduct	-49.94	
01 22 23 00-1231			Hydraulic Submersible Pump Diesel Power Packs (01 22 23 00-1223)		
			Note: Includes delivery, set-up, and removal. Excludes operator.		
01 22 23 00-1232	DAY		100 HP, Hydraulic Submersible Pump Diesel Power Pack.....	288.48	
01 22 23 00-1233	WK		100 HP, Hydraulic Submersible Pump Diesel Power Pack.....	860.72	
01 22 23 00-1234	MO		100 HP, Hydraulic Submersible Pump Diesel Power Pack.....	2,270.04	
			For >6 Months (>26 Weeks) , Deduct	-90.80	
01 22 23 00-1235			HDPE Pipe With Couplings (01 22 23 00-1114)		
			Note: Includes delivery, set-up, and removal.		
01 22 23 00-1236	DAY		4" x 50' HDPE Pipe With Couplings.....	20.60	
01 22 23 00-1237	WK		4" x 50' HDPE Pipe With Couplings.....	49.44	
01 22 23 00-1238	MO		4" x 50' HDPE Pipe With Couplings.....	152.44	
			For >6 Months (>26 Weeks) , Deduct	-6.10	
01 22 23 00-1239	DAY		6" x 50' HDPE Pipe With Couplings.....	32.96	
01 22 23 00-1240	WK		6" x 50' HDPE Pipe With Couplings.....	82.40	
01 22 23 00-1241	MO		6" x 50' HDPE Pipe With Couplings.....	251.31	
			For >6 Months (>26 Weeks) , Deduct	-10.05	
01 22 23 00-1242	DAY		8" x 50' HDPE Pipe With Couplings.....	53.56	
01 22 23 00-1243	WK		8" x 50' HDPE Pipe With Couplings.....	140.08	

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 00-1244	MO	8" x 50' HDPE Pipe With Couplings.....	416.11	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-16.64	
01 22 23 00-1245	DAY	10" x 50' HDPE Pipe With Couplings.....	65.92	
01 22 23 00-1246	WK	10" x 50' HDPE Pipe With Couplings.....	168.92	
01 22 23 00-1247	MO	10" x 50' HDPE Pipe With Couplings.....	514.99	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-20.60	
01 22 23 00-1248	DAY	12" x 20' HDPE Pipe With Couplings.....	49.44	
01 22 23 00-1249	WK	12" x 20' HDPE Pipe With Couplings.....	135.96	
01 22 23 00-1250	MO	12" x 20' HDPE Pipe With Couplings.....	411.99	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-16.48	
01 22 23 00-1251	DAY	4" Elbow For HDPE Pipe, Quick Connect.....	49.44	
01 22 23 00-1252	WK	4" Elbow For HDPE Pipe, Quick Connect.....	127.72	
01 22 23 00-1253	MO	4" Elbow For HDPE Pipe, Quick Connect.....	379.03	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-15.16	
01 22 23 00-1254	DAY	6" Elbow For HDPE Pipe, Quick Connect.....	57.68	
01 22 23 00-1255	WK	6" Elbow For HDPE Pipe, Quick Connect.....	146.32	
01 22 23 00-1256	MO	6" Elbow For HDPE Pipe, Quick Connect.....	453.19	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-18.13	
01 22 23 00-1257	DAY	8" Elbow For HDPE Pipe, Quick Connect.....	65.92	
01 22 23 00-1258	WK	8" Elbow For HDPE Pipe, Quick Connect.....	168.92	
01 22 23 00-1259	MO	8" Elbow For HDPE Pipe, Quick Connect.....	514.99	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-20.60	
01 22 23 00-1260	DAY	10" Elbow For HDPE Pipe, Quick Connect.....	82.40	
01 22 23 00-1261	WK	10" Elbow For HDPE Pipe, Quick Connect.....	210.11	
01 22 23 00-1262	MO	10" Elbow For HDPE Pipe, Quick Connect.....	638.58	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-25.54	
01 22 23 00-1263	DAY	12" Elbow For HDPE Pipe, Quick Connect.....	82.40	
01 22 23 00-1264	WK	12" Elbow For HDPE Pipe, Quick Connect.....	210.11	
01 22 23 00-1265	MO	12" Elbow For HDPE Pipe, Quick Connect.....	638.58	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-25.54	
01 22 23 00-1266	DAY	4" Tee For HDPE Pipe, Quick Connect.....	49.44	
01 22 23 00-1267	WK	4" Tee For HDPE Pipe, Quick Connect.....	127.72	
01 22 23 00-1268	MO	4" Tee For HDPE Pipe, Quick Connect.....	379.03	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-15.16	
01 22 23 00-1269	DAY	6" Tee For HDPE Pipe, Quick Connect.....	65.92	
01 22 23 00-1270	WK	6" Tee For HDPE Pipe, Quick Connect.....	168.92	
01 22 23 00-1271	MO	6" Tee For HDPE Pipe, Quick Connect.....	514.99	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-20.60	
01 22 23 00-1272	DAY	8" Tee For HDPE Pipe, Quick Connect.....	82.40	
01 22 23 00-1273	WK	8" Tee For HDPE Pipe, Quick Connect.....	210.11	
01 22 23 00-1274	MO	8" Tee For HDPE Pipe, Quick Connect.....	638.58	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-25.54	
01 22 23 00-1275	DAY	10" Tee For HDPE Pipe, Quick Connect.....	98.88	
01 22 23 00-1276	WK	10" Tee For HDPE Pipe, Quick Connect.....	251.31	
01 22 23 00-1277	MO	10" Tee For HDPE Pipe, Quick Connect.....	762.18	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-30.49	
01 22 23 00-1278	DAY	12" Tee For HDPE Pipe, Quick Connect.....	98.88	
01 22 23 00-1279	WK	12" Tee For HDPE Pipe, Quick Connect.....	251.31	
01 22 23 00-1280	MO	12" Tee For HDPE Pipe, Quick Connect.....	762.18	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-30.49	
01 22 23 00-1281	DAY	4" Cap For HDPE Pipe, Quick Connect.....	8.24	
01 22 23 00-1282	WK	4" Cap For HDPE Pipe, Quick Connect.....	24.72	
01 22 23 00-1283	MO	4" Cap For HDPE Pipe, Quick Connect.....	74.16	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-2.97	
01 22 23 00-1284	DAY	6" Cap For HDPE Pipe, Quick Connect.....	8.24	
01 22 23 00-1285	WK	6" Cap For HDPE Pipe, Quick Connect.....	24.72	
01 22 23 00-1286	MO	6" Cap For HDPE Pipe, Quick Connect.....	74.16	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-2.97	
01 22 23 00-1287	DAY	8" Cap For HDPE Pipe, Quick Connect.....	8.24	
01 22 23 00-1288	WK	8" Cap For HDPE Pipe, Quick Connect.....	24.72	
01 22 23 00-1289	MO	8" Cap For HDPE Pipe, Quick Connect.....	74.16	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-2.97	
01 22 23 00-1290	DAY	10" Cap For HDPE Pipe, Quick Connect.....	8.24	
01 22 23 00-1291	WK	10" Cap For HDPE Pipe, Quick Connect.....	24.72	
01 22 23 00-1292	MO	10" Cap For HDPE Pipe, Quick Connect.....	74.16	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-2.97	
01 22 23 00-1293	DAY	12" Cap For HDPE Pipe, Quick Connect.....	8.24	
01 22 23 00-1294	WK	12" Cap For HDPE Pipe, Quick Connect.....	24.72	
01 22 23 00-1295	MO	12" Cap For HDPE Pipe, Quick Connect.....	74.16	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-2.97	
01 22 23 00-1296	DAY	4" Wye For HDPE Pipe, Quick Connect.....	24.72	
01 22 23 00-1297	WK	4" Wye For HDPE Pipe, Quick Connect.....	61.80	
01 22 23 00-1298	MO	4" Wye For HDPE Pipe, Quick Connect.....	189.52	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-7.58	
01 22 23 00-1299	DAY	6" Wye For HDPE Pipe, Quick Connect.....	28.84	
01 22 23 00-1300	WK	6" Wye For HDPE Pipe, Quick Connect.....	74.16	
01 22 23 00-1301	MO	6" Wye For HDPE Pipe, Quick Connect.....	226.59	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-9.06	
01 22 23 00-1302	DAY	8" Wye For HDPE Pipe, Quick Connect.....	49.44	
01 22 23 00-1303	WK	8" Wye For HDPE Pipe, Quick Connect.....	127.72	
01 22 23 00-1304	MO	8" Wye For HDPE Pipe, Quick Connect.....	379.03	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-15.16	
01 22 23 00-1305	DAY	10" Wye For HDPE Pipe, Quick Connect.....	74.16	



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 00-1306	WK	10" Wye For HDPE Pipe, Quick Connect	189.52	
01 22 23 00-1307	MO	10" Wye For HDPE Pipe, Quick Connect	576.79	
		For >6 Months (>26 Weeks) , Deduct	-23.07	
01 22 23 00-1308	DAY	12" Wye For HDPE Pipe, Quick Connect	74.16	
01 22 23 00-1309	WK	12" Wye For HDPE Pipe, Quick Connect	189.52	
01 22 23 00-1310	MO	12" Wye For HDPE Pipe, Quick Connect	576.79	
		For >6 Months (>26 Weeks) , Deduct	-23.07	
01 22 23 00-1311		Temporary Building Services (01 22 23)		
01 22 23 00-1312		Boilers (01 22 23 00-1311)		
		Note: Excludes operator, delivery, set-up, and removal.		
01 22 23 00-1313		Electric Boilers (01 22 23 00-1312)		
01 22 23 00-1314	MO	40 MBH, 12 KW Electric Boiler Rental	2,596.99	
01 22 23 00-1315	MO	60 MBH, 20 KW Electric Boiler Rental	2,833.12	
01 22 23 00-1316	MO	95 MBH, 30 KW Electric Boiler Rental	2,951.18	
01 22 23 00-1317	MO	135 MBH, 40 KW Electric Boiler Rental	3,305.26	
01 22 23 00-1318	MO	165 MBH, 50 KW Electric Boiler Rental	4,603.76	
01 22 23 00-1319	MO	215 MBH, 60 KW Electric Boiler Rental	5,312.05	
01 22 23 00-1320	MO	365 MBH, 100 KW Electric Boiler Rental	6,964.74	
01 22 23 00-1321	MO	510 MBH, 150 KW Electric Boiler Rental	8,499.35	
01 22 23 00-1322		Oil/Gas Fired Boilers (01 22 23 00-1312)		
01 22 23 00-1323	MO	Up To 100 HP, Gas/Oil Dual Fuel Boiler Rental	2,479.00	
01 22 23 00-1324	MO	>100 HP To 250 HP, Gas/Oil Dual Fuel Boiler Rental	3,222.70	
01 22 23 00-1325	MO	>250 HP To 500 HP, Gas/Oil Dual Fuel Boiler Rental	5,205.90	
01 22 23 00-1326	MO	>500 HP To 800 HP, Gas/Oil Dual Fuel Boiler Rental	7,189.10	
01 22 23 00-1327		Oil Fired Boilers (01 22 23 00-1312)		
01 22 23 00-1328	MO	250 HP Oil Fired Boiler Rental	7,293.67	
01 22 23 00-1329	MO	350 HP Oil Fired Boiler Rental	9,724.90	
01 22 23 00-1330	MO	500 HP Oil Fired Boiler Rental	12,156.12	
01 22 23 00-1331	MO	600 HP Oil Fired Boiler Rental	13,371.73	
01 22 23 00-1332		Boilers Setup (01 22 23 00-1312)		
01 22 23 00-1333	EA	Setup Rental Boiler	7,774.26	
		Note: Includes delivery, setup, installation, startup, commissioning, decommissioning, and pickup. Excludes piping and electrical hookup. Excludes crane.		
01 22 23 00-1334		Chillers (01 22 23 00-1311)		
		Note: Excludes operator, delivery, set-up, and removal.		
01 22 23 00-1335		Air Cooled Chillers (01 22 23 00-1334)		
01 22 23 00-1336	MO	25 Ton Air Cooled Chiller Rental	2,494.67	
		For >3 To 6 Month Rental, Deduct	-374.20	
		For >6 Month Rental, Deduct	-623.67	
01 22 23 00-1337	MO	40 Ton Air Cooled Chiller Rental	3,991.48	
		For >3 To 6 Month Rental, Deduct	-598.72	
		For >6 Month Rental, Deduct	-997.87	
01 22 23 00-1338	MO	60 Ton Air Cooled Chiller Rental	4,882.03	
		For >3 To 6 Month Rental, Deduct	-732.30	
		For >6 Month Rental, Deduct	-1,220.51	
01 22 23 00-1339	MO	80 Ton Air Cooled Chiller Rental	5,772.58	
		For >3 To 6 Month Rental, Deduct	-865.89	
		For >6 Month Rental, Deduct	-1,443.15	
01 22 23 00-1340	MO	100 Ton Air Cooled Chiller Rental	6,663.13	
		For >3 To 6 Month Rental, Deduct	-999.47	
		For >6 Month Rental, Deduct	-1,665.78	
01 22 23 00-1341	MO	125 Ton Air Cooled Chiller Rental	7,719.37	
		For >3 To 6 Month Rental, Deduct	-1,157.91	
		For >6 Month Rental, Deduct	-1,929.84	
01 22 23 00-1342	MO	155 Ton Air Cooled Chiller Rental	9,338.54	
		For >3 To 6 Month Rental, Deduct	-1,400.78	
		For >6 Month Rental, Deduct	-2,334.64	
01 22 23 00-1343	MO	170 Ton Air Cooled Chiller Rental	9,986.22	
		For >3 To 6 Month Rental, Deduct	-1,497.93	
		For >6 Month Rental, Deduct	-2,496.56	
01 22 23 00-1344	MO	200 Ton Air Cooled Chiller Rental	11,471.73	
		For >3 To 6 Month Rental, Deduct	-1,720.76	
		For >6 Month Rental, Deduct	-2,867.93	
01 22 23 00-1345	MO	250 Ton Air Cooled Chiller Rental	13,650.10	
		For >3 To 6 Month Rental, Deduct	-2,047.52	
		For >6 Month Rental, Deduct	-3,412.53	
01 22 23 00-1346	MO	300 Ton Air Cooled Chiller Rental	15,928.25	
		Note: Includes trailer.		
		For >3 To 6 Month Rental, Deduct	-2,389.24	
		For >6 Month Rental, Deduct	-3,982.06	

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 00-1347	MO	400 Ton Air Cooled Chiller Rental Note: Includes trailer, pump and 200' of 6" hose. <i>For >3 To 6 Month Rental, Deduct</i> <i>For >6 Month Rental, Deduct</i>	21,011.74 -3,151.76 -5,252.94	
01 22 23 00-1348	MO	500 Ton Air Cooled Chiller Rental Note: Includes trailer, pump and 200' of 6" hose. <i>For >3 To 6 Month Rental, Deduct</i> <i>For >6 Month Rental, Deduct</i>	26,008.61 -3,901.29 -6,502.15	
01 22 23 00-1349	EA	Setup Air Cooled Chiller Rental Unit 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.	5,404.06	
01 22 23 00-1350		Chiller Rental Accessories (01 22 23 00-1334)		
01 22 23 00-1351	MO	4" x 25' Flexible Water Hose For Chiller Rental	44.45	
01 22 23 00-1352	MO	6" x 25' Flexible Water Hose For Chiller Rental	55.56	
01 22 23 00-1353		Cooling Tower (01 22 23 00-1311) Note: Excludes operator, delivery, set-up, and removal.		
01 22 23 00-1354	MO	100 Ton Cooling Tower Rental <i>For >3 To 6 Months Rental, Deduct</i> <i>For >6 Months Rental, Deduct</i>	2,289.28 -343.39 -572.32	
01 22 23 00-1355	MO	200 Ton Cooling Tower Rental <i>For >3 To 6 Months Rental, Deduct</i> <i>For >6 Months Rental, Deduct</i>	4,167.38 -625.11 -1,041.85	
01 22 23 00-1356	MO	250 Ton Cooling Tower Rental <i>For >3 To 6 Months Rental, Deduct</i> <i>For >6 Months Rental, Deduct</i>	4,719.36 -707.90 -1,179.84	
01 22 23 00-1357	MO	300 Ton Cooling Tower Rental <i>For >3 To 6 Months Rental, Deduct</i> <i>For >6 Months Rental, Deduct</i>	5,334.24 -800.14 -1,333.56	
01 22 23 00-1358	MO	400 Ton Cooling Tower Rental <i>For >3 To 6 Months Rental, Deduct</i> <i>For >6 Months Rental, Deduct</i>	6,667.80 -1,000.17 -1,666.95	
01 22 23 00-1359	MO	500 Ton Cooling Tower Rental <i>For >3 To 6 Months Rental, Deduct</i> <i>For >6 Months Rental, Deduct</i>	7,795.80 -1,169.37 -1,948.95	
01 22 23 00-1360	MO	Setup Rental Cooling Tower Note: Includes delivery, setup, installation, startup, commissioning, decommissioning, and pickup. Excludes piping and electrical hookup. Excludes crane.	5,404.06	
01 22 23 00-1361		Emergency Cooler/Freezer (01 22 23 00-1311) 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 00-1362	DAY	8 x 6 x 7 Emergency Cooler Rental	126.92	
01 22 23 00-1363	WK	8 x 6 x 7 Emergency Cooler Rental	676.88	
01 22 23 00-1364	DAY	10 x 7 x 7 Emergency Cooler Rental	253.83	
01 22 23 00-1365	WK	10 x 7 x 7 Emergency Cooler Rental	1,015.32	
01 22 23 00-1366	MO	10 x 7 x 7 Emergency Cooler Rental	2,538.30	
01 22 23 00-1367	DAY	10 x 7 x 7 Emergency Freezer Rental	296.14	
01 22 23 00-1368	WK	10 x 7 x 7 Emergency Freezer Rental	1,184.54	
01 22 23 00-1369	MO	10 x 7 x 7 Emergency Freezer Rental	3,045.96	
01 22 23 00-1370	DAY	6 x 8 x 7 Or 6 x 6 x 7 Emergency Combo Cooler/Freezer Rental	338.44	
01 22 23 00-1371	WK	6 x 8 x 7 Or 6 x 6 x 7 Emergency Combo Cooler/Freezer Rental	1,353.76	
01 22 23 00-1372	MO	6 x 8 x 7 Or 6 x 6 x 7 Emergency Combo Cooler/Freezer Rental	3,384.40	
01 22 23 00-1373		Fuel Oil Tank (01 22 23 00-1311) Note: Excludes delivery to job site and pick-up when complete. Excludes Off-road fuel costs. See CSI section 01 22 23 00-0825 for reimbursable fuel fees.		
01 22 23 00-1374	MO	100 Gallon Portable Double Wall Fuel Oil Tank Rental <i>For >6 Months (>26 Weeks), Deduct</i>	433.92 -17.36	
01 22 23 00-1375	MO	275 Gallon Portable Double Wall Fuel Oil Tank Rental <i>For >6 Months (>26 Weeks), Deduct</i>	674.98 -27.00	
01 22 23 00-1376	MO	500 Gallon Portable Double Wall Fuel Oil Tank Rental <i>For >6 Months (>26 Weeks), Deduct</i>	1,687.46 -67.50	
01 22 23 00-1377	MO	1,000 Gallon Portable Double Wall Fuel Oil Tank Rental <i>For >6 Months (>26 Weeks), Deduct</i>	2,812.42 -112.50	
01 22 23 00-1378	MO	2,300 Gallon Portable Double Wall Fuel Oil Tank Rental <i>For >6 Months (>26 Weeks), Deduct</i>	3,712.40 -148.50	
01 22 23 00-1379	MO	5,000 Gallon Portable Double Wall Fuel Oil Tank Rental <i>For >6 Months (>26 Weeks), Deduct</i>	6,631.97 -265.28	
01 22 23 00-1380		Portable Spot Cooling Units (01 22 23 00-1311) Note: Includes up to 20' duct. Excludes operator, delivery, set-up, and removal.		
01 22 23 00-1381	DAY	1 Ton Portable Spot Cooling Unit	196.86	
01 22 23 00-1382	WK	1 Ton Portable Spot Cooling Unit	426.52	
01 22 23 00-1383	MO	1 Ton Portable Spot Cooling Unit <i>For >6 Months (>26 Weeks), Deduct</i>	1,008.26 -40.33	
01 22 23 00-1384	DAY	1.5 Ton Portable Spot Cooling Unit	257.43	



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 00-1385	WK	1.5 Ton Portable Spot Cooling Unit	528.74	
01 22 23 00-1386	MO	1.5 Ton Portable Spot Cooling Unit	1,240.45	
		For >6 Months (>26 Weeks) , Deduct	-49.62	
01 22 23 00-1387	DAY	2 Ton Portable Spot Cooling Unit	347.02	
01 22 23 00-1388	WK	2 Ton Portable Spot Cooling Unit	725.59	
01 22 23 00-1389	MO	2 Ton Portable Spot Cooling Unit	1,343.92	
		For >6 Months (>26 Weeks) , Deduct	-53.76	
01 22 23 00-1390	DAY	3 Ton Portable Spot Cooling Unit	363.43	
01 22 23 00-1391	WK	3 Ton Portable Spot Cooling Unit	769.76	
01 22 23 00-1392	MO	3 Ton Portable Spot Cooling Unit	1,701.04	
		For >6 Months (>26 Weeks) , Deduct	-68.04	
01 22 23 00-1393	DAY	5 Ton Portable Spot Cooling Unit	567.86	
01 22 23 00-1394	WK	5 Ton Portable Spot Cooling Unit	1,148.33	
01 22 23 00-1395	MO	5 Ton Portable Spot Cooling Unit	2,386.25	
		For >6 Months (>26 Weeks) , Deduct	-95.45	
01 22 23 00-1396	DAY	10 To 12 Ton Portable Spot Cooling Unit	742.00	
01 22 23 00-1397	WK	10 To 12 Ton Portable Spot Cooling Unit	1,672.02	
01 22 23 00-1398	MO	10 To 12 Ton Portable Spot Cooling Unit	4,035.56	
		For >6 Months (>26 Weeks) , Deduct	-161.42	
01 22 23 00-1399	DAY	20 Ton Portable Spot Cooling Unit	851.78	
01 22 23 00-1400	WK	20 Ton Portable Spot Cooling Unit	1,955.94	
01 22 23 00-1401	MO	20 Ton Portable Spot Cooling Unit	5,451.41	
		For >6 Months (>26 Weeks) , Deduct	-218.06	
01 22 23 00-1402	DAY	25 Ton Portable Spot Cooling Unit	1,211.42	
01 22 23 00-1403	WK	25 Ton Portable Spot Cooling Unit	2,454.40	
01 22 23 00-1404	MO	25 Ton Portable Spot Cooling Unit	5,710.10	
		For >6 Months (>26 Weeks) , Deduct	-228.40	
01 22 23 00-1405	EA	Setup Rental Of Up To 5 Ton Portable Spot Cooler	272.89	
		Note: Includes delivery, setup, connection to power outlet and connection to duct and removal. Excludes electrical wiring.		
01 22 23 00-1406	EA	Setup Rental Of 10 To 15 Ton Portable Spot Cooler	624.24	
		Note: Includes delivery, setup, connection to power outlet and connection to duct and removal. Excludes electrical wiring.		
01 22 23 00-1407	EA	Setup Rental Of 20 To 25 Ton Portable Spot Cooler	909.75	
		Note: Includes delivery, setup, connection to power outlet and connection to duct and removal. Excludes electrical wiring.		
01 22 23 00-1408		Air Handling Unit (AHU) (01 22 23 00-1311)		
		Note: Excludes operator, delivery, set-up, and removal.		
01 22 23 00-1409		Air Handling Unit (AHU) (01 22 23 00-1408)		
01 22 23 00-1410	MO	5,000 CFM Air Handling Unit Rental	2,943.52	
		For >6 Months (>26 Weeks) , Deduct	-117.74	
01 22 23 00-1411	MO	10,000 CFM Air Handling Unit Rental	3,043.68	
		For >6 Months (>26 Weeks) , Deduct	-121.75	
01 22 23 00-1412	MO	25,000 CFM Air Handling Unit Rental	5,001.77	
		For >6 Months (>26 Weeks) , Deduct	-200.07	
01 22 23 00-1413		Air Handling Unit Setup (01 22 23 00-1408)		
01 22 23 00-1414	EA	Setup Rental Air Handling Unit	1,039.07	
		Note: Includes delivery, setup, installation, startup, commissioning, decommissioning, and pickup. Excludes piping and electrical hookup. Excludes crane.		
01 22 23 00-1415	MO	12" x 100' Flex Duct For AHU Rental	288.06	
		Note: Includes four (4) 25' sections.		
01 22 23 00-1416	MO	20" x 100' Flex Duct For AHU Rental	348.31	
		Note: Includes four (4) 25' sections.		
01 22 23 00-1417		Truck And Trailer Equipment (01 22 23)		
01 22 23 00-1418		Trucks (01 22 23 00-1417)		
		Note: Includes driver, delivery, and removal.		
01 22 23 00-1419		Flat Bed Trucks (01 22 23 00-1418)		
		Note: Includes hydraulic tilt bed.		
01 22 23 00-1420	DAY	1-1/2 Ton Capacity, 8' To 10' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	1,047.66	
		For Equipment Without Operator, Deduct	-753.53	
01 22 23 00-1421	WK	1-1/2 Ton Capacity, 8' To 10' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	4,538.74	
		For Equipment Without Operator, Deduct	-3,767.64	
01 22 23 00-1422	MO	1-1/2 Ton Capacity, 8' To 10' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	18,274.09	
		For Equipment Without Operator, Deduct	-16,326.46	
		For >6 Months (>26 Weeks) , Deduct	-77.91	
01 22 23 00-1423	DAY	3 Ton Capacity, 12' To 16' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	1,174.85	
		For Equipment Without Operator, Deduct	-753.53	
01 22 23 00-1424	WK	3 Ton Capacity, 12' To 16' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	4,864.67	
		For Equipment Without Operator, Deduct	-3,767.64	
01 22 23 00-1425	MO	3 Ton Capacity, 12' To 16' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	19,108.78	
		For Equipment Without Operator, Deduct	-16,326.46	
		For >6 Months (>26 Weeks) , Deduct	-111.29	
01 22 23 00-1426	DAY	6-1/2 Ton Capacity, 16' To 22' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver	1,266.11	
		For Equipment Without Operator, Deduct	-753.53	

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 00-1427	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>	5,213.50 -3,767.64	
01 22 23 00-1428	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> <i>For >6 Months (>26 Weeks) , Deduct</i>	20,436.35 -16,326.46 -164.40	
01 22 23 00-1429 Light Off-Road Utility Passenger Vehicles (01 22 23 00-1418)				
01 22 23 00-1430	DAY	4 Wheel, 2 Person, Light Off Road Utility Passenger Vehicle.....	300.82	
01 22 23 00-1431	WK	4 Wheel, 2 Person, Light Off Road Utility Passenger Vehicle.....	695.64	
01 22 23 00-1432	MO	4 Wheel, 2 Person, Light Off Road Utility Passenger Vehicle..... <i>For >6 Months (>26 Weeks) , Deduct</i>	1,504.08 -60.16	
01 22 23 00-1433	DAY	4 Wheel, 4 Person, Light Off Road Utility Passenger Vehicle.....	310.22	
01 22 23 00-1434	WK	4 Wheel, 4 Person, Light Off Road Utility Passenger Vehicle.....	723.84	
01 22 23 00-1435	MO	4 Wheel, 4 Person, Light Off Road Utility Passenger Vehicle..... <i>For >6 Months (>26 Weeks) , Deduct</i>	1,598.08 -63.92	
01 22 23 00-1436 Light Duty Trucks (01 22 23 00-1418)				
01 22 23 00-1437	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>	1,048.29 -749.04	
01 22 23 00-1438	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>	4,727.10 -3,745.19	
01 22 23 00-1439	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> <i>For >6 Months (>26 Weeks) , Deduct</i>	18,286.48 -16,229.15 82.29	
01 22 23 00-1440	DAY	3/4 Ton, 4 x 4 Crew Cab Pickup Truck With Full-Time Truck Driver..... <i>For Equipment Without Operator, Deduct</i>	1,104.40 -749.04	
01 22 23 00-1441	WK	3/4 Ton, 4 x 4 Crew Cab Pickup Truck With Full-Time Truck Driver..... <i>For Equipment Without Operator, Deduct</i>	4,895.42 -3,745.19	
01 22 23 00-1442	MO	3/4 Ton, 4 x 4 Crew Cab Pickup Truck With Full-Time Truck Driver..... <i>For Equipment Without Operator, Deduct</i> <i>For >6 Months (>26 Weeks) , Deduct</i>	18,660.54 -16,229.15 -97.26	
01 22 23 00-1443 Boom Trucks (01 22 23 00-1418)				
01 22 23 00-1444	DAY	3-1/2 Ton, 4 x 2 Boom Truck With Full-Time Truck Driver..... <i>For Equipment Without Operator, Deduct</i>	1,301.25 -753.53	
01 22 23 00-1445	WK	3-1/2 Ton, 4 x 2 Boom Truck With Full-Time Truck Driver..... <i>For Equipment Without Operator, Deduct</i>	5,193.78 -3,767.64	
01 22 23 00-1446	MO	3-1/2 Ton, 4 x 2 Boom Truck With Full-Time Truck Driver..... <i>For Equipment Without Operator, Deduct</i> <i>For >6 Months (>26 Weeks) , Deduct</i>	19,943.48 -16,326.46 -144.68	
01 22 23 00-1447 Rear Dump Trucks (01 22 23 00-1418)				
01 22 23 00-1448	DAY	2.5 CY Rear Dump Truck With Full-Time Truck Driver..... <i>For Equipment Without Operator, Deduct</i>	1,145.23 -753.53	
01 22 23 00-1449	WK	2.5 CY Rear Dump Truck With Full-Time Truck Driver..... <i>For Equipment Without Operator, Deduct</i>	4,802.24 -3,767.64	
01 22 23 00-1450	MO	2.5 CY Rear Dump Truck With Full-Time Truck Driver..... <i>For Equipment Without Operator, Deduct</i> <i>For >6 Months (>26 Weeks) , Deduct</i>	19,494.11 -16,326.46 -126.71	
01 22 23 00-1451	DAY	4 CY Rear Dump Truck With Full-Time Truck Driver..... <i>For Equipment Without Operator, Deduct</i>	1,275.09 -753.53	
01 22 23 00-1452	WK	4 CY Rear Dump Truck With Full-Time Truck Driver..... <i>For Equipment Without Operator, Deduct</i>	5,204.58 -3,767.64	
01 22 23 00-1453	MO	4 CY Rear Dump Truck With Full-Time Truck Driver..... <i>For Equipment Without Operator, Deduct</i> <i>For >6 Months (>26 Weeks) , Deduct</i>	20,051.86 -16,326.46 -149.02	
01 22 23 00-1454	DAY	6 CY Rear Dump Truck With Full-Time Truck Driver..... <i>For Equipment Without Operator, Deduct</i>	1,349.59 -753.53	
01 22 23 00-1455	WK	6 CY Rear Dump Truck With Full-Time Truck Driver..... <i>For Equipment Without Operator, Deduct</i>	5,364.24 -3,767.64	
01 22 23 00-1456	MO	6 CY Rear Dump Truck With Full-Time Truck Driver..... <i>For Equipment Without Operator, Deduct</i> <i>For >6 Months (>26 Weeks) , Deduct</i>	20,158.30 -16,326.46 -153.27	
01 22 23 00-1457	DAY	13 CY Rear Dump Truck With Full-Time Truck Driver..... <i>For Equipment Without Operator, Deduct</i>	2,233.05 -753.53	
01 22 23 00-1458	WK	13 CY Rear Dump Truck With Full-Time Truck Driver..... <i>For Equipment Without Operator, Deduct</i>	7,184.36 -3,767.64	
01 22 23 00-1459	MO	13 CY Rear Dump Truck With Full-Time Truck Driver..... <i>For Equipment Without Operator, Deduct</i> <i>For >6 Months (>26 Weeks) , Deduct</i>	25,267.42 -16,326.46 -357.64	
01 22 23 00-1460	DAY	18 CY Rear Dump Truck With Full-Time Truck Driver..... <i>For Equipment Without Operator, Deduct</i>	2,381.00 -753.53	
01 22 23 00-1461	WK	18 CY Rear Dump Truck With Full-Time Truck Driver..... <i>For Equipment Without Operator, Deduct</i>	7,526.04 -3,767.64	
01 22 23 00-1462	MO	18 CY Rear Dump Truck With Full-Time Truck Driver..... <i>For Equipment Without Operator, Deduct</i> <i>For >6 Months (>26 Weeks) , Deduct</i>	26,161.52 -16,326.46 -393.40	



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

MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
01 22 23 00-1463		Under-Bridge Inspection Trucks (01 22 23 00-1418)		
01 22 23 00-1464	DAY	40' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver	4,586.36	
		For Equipment Without Operator, Deduct	-753.53	
01 22 23 00-1465	WK	40' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver	20,859.99	
		For Equipment Without Operator, Deduct	-3,767.64	
01 22 23 00-1466	MO	40' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver	76,914.82	
		For Equipment Without Operator, Deduct	-16,326.46	
		For >6 Months (>26 Weeks), Deduct	-2,423.53	
01 22 23 00-1467	DAY	50' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver	5,104.31	
		For Equipment Without Operator, Deduct	-753.53	
01 22 23 00-1468	WK	50' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver	21,895.89	
		For Equipment Without Operator, Deduct	-3,767.64	
01 22 23 00-1469	MO	50' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver	80,823.74	
		For Equipment Without Operator, Deduct	-16,326.46	
		For >6 Months (>26 Weeks), Deduct	-2,579.89	
01 22 23 00-1470	DAY	60' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver	5,415.08	
		For Equipment Without Operator, Deduct	-753.53	
01 22 23 00-1471	WK	60' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver	23,449.74	
		For Equipment Without Operator, Deduct	-3,767.64	
01 22 23 00-1472	MO	60' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver	84,732.68	
		For Equipment Without Operator, Deduct	-16,326.46	
		For >6 Months (>26 Weeks), Deduct	-2,736.25	
01 22 23 00-1473	DAY	75' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver	6,761.75	
		For Equipment Without Operator, Deduct	-753.53	
01 22 23 00-1474	WK	75' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver	29,665.14	
		For Equipment Without Operator, Deduct	-3,767.64	
01 22 23 00-1475	MO	75' Reach Under Bridge Inspection Truck (UBIT) With Full-Time Truck Driver	104,277.31	
		For Equipment Without Operator, Deduct	-16,326.46	
		For >6 Months (>26 Weeks), Deduct	-3,518.03	
01 22 23 00-1476		Vacuum Trucks (01 22 23 00-1418)		
01 22 23 00-1477	DAY	1,500 To 2,000 Gallon Vacuum Truck With Full-Time Truck Driver	1,141.72	
		For Equipment Without Operator, Deduct	-753.53	
01 22 23 00-1478	WK	1,500 To 2,000 Gallon Vacuum Truck With Full-Time Truck Driver	4,924.59	
		For Equipment Without Operator, Deduct	-3,767.64	
01 22 23 00-1479	MO	1,500 To 2,000 Gallon Vacuum Truck With Full-Time Truck Driver	19,744.02	
		For Equipment Without Operator, Deduct	-16,326.46	
		For >6 Months (>26 Weeks), Deduct	-136.70	
01 22 23 00-1480	DAY	5,000 Gallon Vacuum Truck With Full-Time Truck Driver	2,222.40	
		For Equipment Without Operator, Deduct	-753.53	
01 22 23 00-1481	WK	5,000 Gallon Vacuum Truck With Full-Time Truck Driver	8,191.29	
		For Equipment Without Operator, Deduct	-3,767.64	
01 22 23 00-1482	MO	5,000 Gallon Vacuum Truck With Full-Time Truck Driver	29,380.26	
		For Equipment Without Operator, Deduct	-16,326.46	
		For >6 Months (>26 Weeks), Deduct	-522.15	
01 22 23 00-1483		Water Trucks (01 22 23 00-1418)		
		Note: Includes pump and 1-1/2" Diameter x 50' water hose. See CSI section 01 22 23 00-1201 for additional discharge hose, 01 22 23 00-1522 for water trailer.		
01 22 23 00-1484	DAY	2,000 Gallon Water Truck With Full-Time Driver	1,438.57	
		For Equipment Without Operator, Deduct	-753.53	
		For Each 1,000 Gallon Of Purchased Water, Add	14.51	
01 22 23 00-1485	WK	2,000 Gallon Water Truck With Full-Time Driver	5,571.57	
		For Equipment Without Operator, Deduct	-3,767.64	
		For Each 1,000 Gallon Of Purchased Water, Add	14.51	
01 22 23 00-1486	MO	2,000 Gallon Water Truck With Full-Time Driver	20,588.90	
		For Equipment Without Operator, Deduct	-16,326.46	
		For Each 1,000 Gallon Of Purchased Water, Add	14.51	
		For >6 Months (>26 Weeks), Deduct	-170.50	
01 22 23 00-1487	DAY	2,500 To 3,000 Gal Water Truck With Full-Time Operator	1,560.35	
		For Equipment Without Operator, Deduct	-753.53	
		For Each 1,000 Gallon Of Purchased Water, Add	14.51	
01 22 23 00-1488	WK	2,500 To 3,000 Gal Water Truck With Full-Time Operator	6,416.44	
		For Equipment Without Operator, Deduct	-3,767.64	
		For Each 1,000 Gallon Of Purchased Water, Add	14.51	
01 22 23 00-1489	MO	2,500 To 3,000 Gal Water Truck With Full-Time Operator	22,925.63	
		For Equipment Without Operator, Deduct	-16,326.46	
		For Each 1,000 Gallon Of Purchased Water, Add	14.51	
		For >6 Months (>26 Weeks), Deduct	-263.97	
01 22 23 00-1490	DAY	3,700 To 4,000 Gallon Water Truck With Full-Time Driver	1,773.47	
		For Equipment Without Operator, Deduct	-753.53	
		For Each 1,000 Gallon Of Purchased Water, Add	14.51	
01 22 23 00-1491	WK	3,700 To 4,000 Gallon Water Truck With Full-Time Driver	6,576.28	
		For Equipment Without Operator, Deduct	-3,767.64	
		For Each 1,000 Gallon Of Purchased Water, Add	14.51	
01 22 23 00-1492	MO	3,700 To 4,000 Gallon Water Truck With Full-Time Driver	23,176.81	
		For Equipment Without Operator, Deduct	-16,326.46	
		For Each 1,000 Gallon Of Purchased Water, Add	14.51	
		For >6 Months (>26 Weeks), Deduct	-274.01	
01 22 23 00-1493		Asphalt Distribution Trucks (01 22 23 00-1418)		

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 00-1494	DAY	3,000 Gallon Asphalt Prime Coat Distribution Truck With Full-Time Truck Driver	2,116.07	
		<i>For Equipment Without Operator, Deduct</i>	-753.53	
01 22 23 00-1495	WK	3,000 Gallon Asphalt Prime Coat Distribution Truck With Full-Time Truck Driver	7,837.78	
		<i>For Equipment Without Operator, Deduct</i>	-3,767.64	
01 22 23 00-1496	MO	3,000 Gallon Asphalt Prime Coat Distribution Truck With Full-Time Truck Driver	28,358.82	
		<i>For Equipment Without Operator, Deduct</i>	-16,326.46	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-481.29	
01 22 23 00-1497		Traffic Control Truck With Mounted Impact Attenuators/Crash Cushions And Arrow Board (01 22 23 00-1418)		
01 22 23 00-1498	DAY	Traffic Control Truck With Mounted Impact Attenuator/Crash Cushion And Arrow Board With Full-Time Truck Driver	2,053.55	
		<i>For Equipment Without Operator, Deduct</i>	-749.04	
01 22 23 00-1499	WK	Traffic Control Truck With Mounted Impact Attenuator/Crash Cushion And Arrow Board With Full-Time Truck Driver	7,595.15	
		<i>For Equipment Without Operator, Deduct</i>	-3,745.19	
01 22 23 00-1500	MO	Traffic Control Truck With Mounted Impact Attenuator/Crash Cushion And Arrow Board With Full-Time Truck Driver	25,578.63	
		<i>For Equipment Without Operator, Deduct</i>	-16,229.15	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-373.98	
01 22 23 00-1501		Combination Jet/Vacuum Trucks (01 22 23 00-1418)		
01 22 23 00-1502	DAY	500 Gallon Water, 6 CY Debris, Combination Jet/Vacuum Truck With Full-Time Truck Driver	3,223.12	
		<i>For Equipment Without Operator, Deduct</i>	-753.53	
01 22 23 00-1503	WK	500 Gallon Water, 6 CY Debris, Combination Jet/Vacuum Truck With Full-Time Truck Driver	15,328.28	
		<i>For Equipment Without Operator, Deduct</i>	-3,767.64	
01 22 23 00-1504	DAY	1,000 Gallon Water, 10 CY Debris, Combination Jet/Vacuum Truck With Full-Time Truck Driver	3,654.05	
		<i>For Equipment Without Operator, Deduct</i>	-753.53	
01 22 23 00-1505	WK	1,000 Gallon Water, 10 CY Debris, Combination Jet/Vacuum Truck With Full-Time Truck Driver	17,835.16	
		<i>For Equipment Without Operator, Deduct</i>	-3,767.64	
01 22 23 00-1506	DAY	2,000 Gallon Water, 15 CY Debris, Combination Jet/Vacuum Truck With Full-Time Truck Driver	4,068.41	
		<i>For Equipment Without Operator, Deduct</i>	-753.53	
01 22 23 00-1507	WK	2,000 Gallon Water, 15 CY Debris, Combination Jet/Vacuum Truck With Full-Time Truck Driver	20,342.04	
		<i>For Equipment Without Operator, Deduct</i>	-3,767.64	
01 22 23 00-1508		Vacuum Sweeper Trucks For Bridge Decks (01 22 23 00-1418)		
01 22 23 00-1509	DAY	Vacuum Sweeper Truck, With Full-Time Truck Driver	2,222.40	
		<i>For Equipment Without Operator, Deduct</i>	-753.53	
01 22 23 00-1510	WK	Vacuum Sweeper Truck, With Full-Time Truck Driver	8,191.29	
		<i>For Equipment Without Operator, Deduct</i>	-3,767.64	
01 22 23 00-1511	MO	Vacuum Sweeper Truck, With Full-Time Truck Driver	29,380.26	
		<i>For Equipment Without Operator, Deduct</i>	-16,326.46	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-522.15	
01 22 23 00-1512		Straight/Box Trucks (01 22 23 00-1418)		
01 22 23 00-1513	DAY	18,000 LB Capacity, 24' Straight/Box Truck With Full-Time Truck Driver	879.13	
		Note: Includes 2,500 LB lift gate. <i>For Equipment Without Operator, Deduct</i>	-753.53	
01 22 23 00-1514	WK	18,000 LB Capacity, 24' Straight/Box Truck With Full-Time Truck Driver	4,395.65	
		Note: Includes 2,500 LB lift gate. <i>For Equipment Without Operator, Deduct</i>	-3,767.64	
01 22 23 00-1515	MO	18,000 LB Capacity, 24' Straight/Box Truck With Full-Time Truck Driver	18,180.28	
		Note: Includes 2,500 LB lift gate. <i>For Equipment Without Operator, Deduct</i>	-16,326.46	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-74.15	
01 22 23 00-1516		Truck Mounted Accessories (01 22 23 00-1417)		
		Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-1517		Truck Mounted Arrow Boards (01 22 23 00-1516)		
01 22 23 00-1518	DAY	Truck Mounted Arrow Board	55.92	
01 22 23 00-1519	WK	Truck Mounted Arrow Board	222.39	
01 22 23 00-1520	MO	Truck Mounted Arrow Board	792.98	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-31.72	
01 22 23 00-1521		Trailers (01 22 23 00-1417)		
		Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-1522		Water Trailers With Pump (01 22 23 00-1521)		
01 22 23 00-1523	DAY	500 To 600 Gallon Water Trailer With Pump	175.06	
01 22 23 00-1524	WK	500 To 600 Gallon Water Trailer With Pump	449.08	
01 22 23 00-1525	MO	500 To 600 Gallon Water Trailer With Pump	1,202.62	
		<i>For >6 Months (>26 Weeks) , Deduct</i>	-48.10	
01 22 23 00-1526		Refrigerated Trailers (01 22 23 00-1521)		
		Note: Excludes electrical supply and connection		



General Requirements		01	5
Price and Payment Procedures		01 20	
Unit Prices		01 22	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1527	MO	8' x 40' Refrigerated Container Trailer Note: Requires 460 volt, 3 phase electrical power connection. See CSI section 10 56 13 00-0000 for metal storage shelving, 26 05 00 00-0000 for electrical wiring.	2,097.36	
01 22 23 00-1528		Trailer Mounted Equipment (01 22 23 00-1417)		
01 22 23 00-1529		Trailer Mounted Under-Bridge Aerial Access Platform (01 22 23 00-1528) Note: Includes full-time operator. Excludes truck.		
01 22 23 00-1530	DAY	Trailer Mounted Under-Bridge Aerial Access 32' With Full-Time Operator For Equipment Without Operator, Deduct	2,900.67 -753.53	
01 22 23 00-1531	WK	Trailer Mounted Under-Bridge Aerial Access 32' With Full-Time Operator For Equipment Without Operator, Deduct	10,209.05 -3,767.64	
01 22 23 00-1532	MO	Trailer Mounted Under-Bridge Aerial Access 32' With Full-Time Operator For Equipment Without Operator, Deduct For >6 Months (>26 Weeks), Deduct	34,219.28 -16,326.46 -715.71	
01 22 23 00-1533	DAY	Trailer Mounted Under-Bridge Aerial Access 35' With Full-Time Operator For Equipment Without Operator, Deduct	3,115.38 -753.53	
01 22 23 00-1534	WK	Trailer Mounted Under-Bridge Aerial Access 35' With Full-Time Operator For Equipment Without Operator, Deduct	10,853.20 -3,767.64	
01 22 23 00-1535	MO	Trailer Mounted Under-Bridge Aerial Access 35' With Full-Time Operator For Equipment Without Operator, Deduct For >6 Months (>26 Weeks), Deduct	36,008.56 -16,326.46 -787.28	
01 22 23 00-1536		Trailer Mounted Bridge Stripping Buggy (01 22 23 00-1528)		
01 22 23 00-1537	DAY	Trailer Mounted Bridge Overhang Stripping Buggy For >6 Months (>26 Weeks), Deduct	243.64 -81.21	
01 22 23 00-1538	WK	Trailer Mounted Bridge Overhang Stripping Buggy For >6 Months (>26 Weeks), Deduct	730.96 -81.21	
01 22 23 00-1539	MO	Trailer Mounted Bridge Overhang Stripping Buggy For >6 Months (>26 Weeks), Deduct	2,030.36 -81.21	
01 22 23 00-1540		Portable Trailer Mounted, CCTV Camera Systems (01 22 23 00-1528) Note: Includes trailer. Excludes truck.		
01 22 23 00-1541	MO	Portable Trailer Mounted, Single Camera, CCTV Camera System For >6 Months (>26 Weeks), Deduct	2,820.15 -112.81	
01 22 23 00-1542	MO	Portable Trailer Mounted, Multi-Camera/Loud Speaker, CCTV Camera System For >6 Months (>26 Weeks), Deduct	4,888.26 -195.53	
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 00-0065 for security guards, 01 22 23 00-0000 for portable equipment usage (air compressors, generators, lighting, etc.), 01 52 13 00-0029 for container usage.		
01 35 29 00-0002	MI	Trucking Delivery Of 20' Shipping Container	2.62	
01 35 29 00-0003	MI	Trucking Delivery Of 40' Shipping Container	5.24	
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 35 33 00-0001		Infection Prevention Inspection Reports (01 35 33)		
01 35 33 00-0002	HR	Infection Prevention Inspection Reports	105.00	
01 40 Quality Requirements (01)				
01 41 Regulatory Requirements (01 40)				
01 41 26 Permit Requirements (01 41)				
See CSI section 01 22 16 00-0001 for reimbursable fees.				
01 42 References (01 40)				
01 42 13 Abbreviations and Acronyms (01 42)				
Note: For specification publishing. Review specifications for requirements.				
01 42 13 00-0001	NTE	Abbreviations And Acronyms..... Note: For specification publishing. Review specifications for requirements.	0.00	
01 42 16 Definitions (01 42)				
Note: For specification publishing. Review specifications for requirements.				
01 42 16 00-0001	NTE	Definitions..... Note: For specification publishing. Review specifications for requirements.	0.00	

01 General Requirements**01 40 Quality Requirements****01 42 References**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

01 42 19 Reference Standards (01 42)

Note: For specification publishing. Review specifications for requirements.

01 42 19 00-0001 NTE Reference Standards 0.00

Note: For specification publishing. Review specifications for requirements.

01 42 21 Construction Suppliers or Vendor List (01 42)

Note: For specification publishing. Review specifications for requirements.

01 42 21 00-0001 NTE Construction Suppliers or Vendor List 0.00

Note: For specification publishing. Review specifications for requirements.

01 45 Quality Control (01 40)

Note: Refer to section specifications for testing included with other sections.

01 45 23 Testing and Inspecting Services (01 45)

Note: For application to existing materials/site conditions or additional testing over specifications stated tests. 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	343.56
01 45 23 00-0004	EA	4" Compaction Curves Soils Test, ASTM D-1557, Field Soils Test	487.63
01 45 23 00-0005	EA	6" Compaction Curves Soils Test, ASTM D-1557, Field Soils Test	554.12
01 45 23 00-0006	EA	Resistance (R) Value Soils Test, CA 301, Field Soils Test	443.30
01 45 23 00-0007	EA	Soils Classification Test, ASTM D-2487, Field Soils Test	664.95
01 45 23 00-0008	SET	Cement Treated Base Laboratory Design, Soil Cement, Field Soils Test	1,329.47
01 45 23 00-0009	EA	Moisture Content, Field Soils Test	49.86
01 45 23 00-0010	EA	UBC Or Swell Test, Field Soils Test	132.99
01 45 23 00-0011	EA	Proctor Compaction 4" Standard Mold ASTM D698, Field Soils Test	332.37
01 45 23 00-0012	EA	Proctor Compaction 6" Standard Mold, Field Soils Test	415.46
01 45 23 00-0013	EA	Density And Classification Test, Field Soils Test	101.23
01 45 23 00-0014	EA	Percolation Test, Field Soils Test	253.08
01 45 23 00-0015	EA	Infiltration Test, Field Soils Test	506.16

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	110.82
01 45 23 00-0018	EA	Fine Aggregate Sieve Analysis Test, ASTM C-136, CA 202	199.48
01 45 23 00-0019	EA	Combined Aggregate Sieve Analysis Test, ASTM C-136, CA 202	277.06
01 45 23 00-0020	EA	Sieve Analysis, Pit Run, ASTM C136	164.50
		Note: Includes wash.	
01 45 23 00-0021	EA	Specific Special Gravity, Course, ASTM C127	176.08
		Note: Includes absorption test.	
01 45 23 00-0022	EA	Special Gravity, Fine, ASTM C127	157.87
		Note: Includes absorption test.	
01 45 23 00-0023	EA	Coarse Aggregate Bulk SSD Specific Gravity Test, ASTM C-128	234.78
01 45 23 00-0024	EA	Fine Aggregate Bulk SSD Specific Gravity Test, ASTM C-128	221.65
01 45 23 00-0025	EA	Aggregate Cleanliness Value, ASTM C-128, CA 227	221.65
01 45 23 00-0026	EA	Sand Equivalent, Average of 3 Tests, ASTM D2419, CA 217	166.24
01 45 23 00-0027	EA	Fine Aggregate Durability Index, CA 229	177.32
01 45 23 00-0028	EA	Sodium And Magnesium Soundness, ASTM C88	465.31
01 45 23 00-0029	EA	Los Angeles Rattler, ASTM C-131, CA 211	354.64
01 45 23 00-0030	EA	Los Angeles Rattler, ASTM C-535	354.64
01 45 23 00-0031	EA	Unit Weight Of Aggregates, ASTM C29	99.74
01 45 23 00-0032	EA	Organic Impurities In Sand, ASTM C40	99.71
01 45 23 00-0033	EA	Crushed Particle, ASTM California Test Method	99.71
01 45 23 00-0034	EA	Clay Lump And Friable Particles, ASTM C142	199.42

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	1,760.85
01 45 23 00-0038	EA	Unconfined Compressive Strength (Pocket Penetrometer) Test	83.09

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	821.73
01 45 23 00-0041	EA	Falling Head Permeability Test EPA-9100	821.73
01 45 23 00-0042	EA	Constant Head Permeability Test For Granular Soils, ASTM D2432	469.56

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	24.77
01 45 23 00-0046	EA	6 x 12 Cylinder Concrete Compression Test, ASTM C-39 Or ASTM D1633	70.43
01 45 23 00-0047	EA	Concrete Cores Compression Test, ASTM C-42	144.07
01 45 23 00-0048	EA	6 x 6 x 18 Concrete Flexural Test, ASTM C-78	210.57



General Requirements			01
Quality Requirements			01 40
Quality Control			01 45

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 45 23 00-0049 EA Unit Weight Of Concrete Cylinder, ASTM C-567	77.58	
01 45 23 00-0050 EA Concrete Mix Design Review.....	421.14	
01 45 23 00-0051 EA Trial Concrete Batch Prepared In Laboratory	997.42	
01 45 23 00-0052 EA Concrete Shrinkage, ASTM C-157 Modified	775.78	
01 45 23 00-0053 EA 6 x 12 Concrete Cylinder Splitting Tensile Test, ASTM C-496	119.69	
01 45 23 00-0054 EA Concrete Slump Test, ASTM C143.....	55.41	
01 45 23 00-0055 EA Concrete Air Content Test, ASTM C138, ASTM C173, Or ASTM C231	55.41	
01 45 23 00-0056 Cement Testing (01 45 23 00-0043)		
01 45 23 00-0057 EA Cement Grab Sample (CCR Title 24)	55.41	
Note: Includes sealing and storing 1 year.		
01 45 23 00-0058 EA 2" x 2" x 2" Cube Compression Test, All Type Materials	88.66	
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	110.82	
01 45 23 00-0061 EA Marshall Asphaltic Concrete Stability Test (3 Specimens), ASTM D-6926/6927	288.14	
01 45 23 00-0062 EA Stability Tests, Premixed, ASTM D1559	110.82	
01 45 23 00-0063 EA Stability Tests, Lab. Mixed, ASTM D1559	288.14	
01 45 23 00-0064 EA Swell Test, CA 305	132.99	
Note: Includes compaction.		
01 45 23 00-0065 EA % Asphalt Extraction Test, ASTM D-2172 B.....	332.48	
01 45 23 00-0066 EA Gradation On Extracted Sample, ASTM D-5444	221.65	
01 45 23 00-0067 EA Maximum Theoretical Unit Weight, ASTM C2041	211.30	
01 45 23 00-0068 EA Unit Weight Sample Requiring Compaction, California Test Method 308.....	44.33	
01 45 23 00-0069 EA Asphalt Unit Weight On Core Test, CA 308C	44.33	
01 45 23 00-0070 HR Nuclear Field Density Testing, 4 Hour Minimum	228.30	
01 45 23 00-0071 EA Asphalt Film Stripping Test, CTM 302/AASHTO T182/ASTM D1664	113.89	
01 45 23 00-0072 EA Penetration, ASTM D5.....	160.10	
01 45 23 00-0073 Masonry/Concrete Block/Tile Testing (01 45 23 00-0073)		
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.....	73.14	
01 45 23 00-0076 EA 4" x 4" x 8" Grout Prisms Compression Test	73.14	
01 45 23 00-0077 EA Masonry Cores Compression Test	144.07	
01 45 23 00-0078 EA Composite Grouted Prism Compression Test.....	277.06	
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.....	177.32	
01 45 23 00-0081 EA Absorption Test, Moisture Content And Unit Weight.....	121.91	
01 45 23 00-0082 EA First Unit, Moisture Condition By Relative Humidity, ASTM C427	465.31	
01 45 23 00-0083 EA Moisture Condition By Relative Humidity, ASTM C427, Additional Unit	232.66	
01 45 23 00-0084 Metals Testing (01 45 23 00-0084)		
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	7.80	
01 45 23 00-0087 GAL >20 To 120 Gallon, Hydrostatic Pressure Testing Of Air Receiving Tanks	6.69	
01 45 23 00-0088 EA Up To 12,000 Gallons, Tank Volumetric Tightness Testing	2,006.82	
01 45 23 00-0089 EA >12,000 To 29,999 Gallons, Tank Volumetric Tightness Testing	2,451.99	
01 45 23 00-0090 EA >29,999 Gallons, Tank Volumetric Tightness Testing	3,122.72	
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	423.45	
01 45 23 00-0093 EA >12,000 To 29,999 Gallons, Tank Line Volumetric Tightness Testing	470.20	
01 45 23 00-0094 EA >29,999 Gallons, Tank Line Volumetric Tightness Testing	516.78	
01 45 23 00-0095 Other Testing (01 45 23 00-0095)		
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.....	166.18	
01 45 23 00-0098 EA Complete Built-Up Roof Analysis, ASTM D2829 Or ASTM D3617	997.10	
01 45 23 00-0099 EA Bacteria Test (Total Coliform Bacteria And E. Coli Bacteria)	51.80	
01 45 23 00-0100 EA Testing For The Presence Of Polychlorinated Biphenyl (PCB) In Caulk, Analysis Per Sample.....	214.85	
01 45 23 00-0101 EA Testing For The Presence Of Polychlorinated Biphenyl (PCB) In Soil, Analysis Per Sample	214.85	
01 45 23 00-0102 EA Testing For The Presence Of Polychlorinated Biphenyl (PCB) Using Wipe Sampling, Analysis Per Sample.....	214.85	
01 45 23 00-0103 EA Testing For The Presence Of Polychlorinated Biphenyl (PCB) In Air, Analysis Per Sample	1,181.68	
01 45 23 00-0104 EA Testing And Certification Of Backflow Valves	520.77	
01 45 23 00-0105 Non-destructive Field Testing Services (01 45 23 00-0095)		

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 00-0106	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	3,867.30	
01 45 23 00-0109	CSF Up To 10,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography	6.45	
	For CADD Drawings, Add	1.29	
01 45 23 00-0110	CSF >10,000 To 50,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography	4.30	
	For CADD Drawings, Add	0.86	
01 45 23 00-0111	CSF >50,000 To 250,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography	3.22	
	For CADD Drawings, Add	0.64	
	For Elevated Infrared Thermography Roof Investigation, Add	0.81	
	For Aerial Infrared Thermography Roof Investigation, Add	0.81	
01 45 23 00-0112	CSF >250,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography	2.15	
	For CADD Drawings, Add	0.43	
	For Elevated Infrared Thermography Roof Investigation, Add	0.54	
	For Aerial Infrared Thermography Roof Investigation, Add	0.54	
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	2,041.08	
01 45 23 00-0115	CSF Up To 1,000 SF, Building Moisture Investigation Using Infrared Thermography	6.45	
	For Digital Or Analog Recording Of All Items, Add	3.23	
01 45 23 00-0116	CSF >1,000 To 5,000 SF, Building Moisture Investigation Using Infrared Thermography	4.30	
	For Digital Or Analog Recording Of All Items, Add	2.15	
01 45 23 00-0117	CSF >5,000 SF, Building Moisture Investigation Using Infrared Thermography	2.15	
	For Digital Or Analog Recording Of All Items, Add	1.08	
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	4,189.58	
01 45 23 00-0120	CSF Up To 1,000 SF, General Building Investigation Using Infrared Thermography	6.45	
	For Digital Or Analog Recording Of All Items, Add	3.23	
01 45 23 00-0121	CSF >1,000 To 5,000 SF, General Building Investigation Using Infrared Thermography	4.30	
	For Digital Or Analog Recording Of All Items, Add	2.15	
01 45 23 00-0122	CSF >5,000 SF, General Building Investigation Using Infrared Thermography	2.15	
	For Digital Or Analog Recording Of All Items, Add	1.08	
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	2,041.08	
01 45 23 00-0125	HR Electrical /Mechanical Equipment Scanning Using Infrared Thermography	218.93	
	For Digital Or Analog Recording Of All Items, Add	32.77	
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	2,041.08	
01 45 23 00-0128	CSF Up To 50,000 SF, Concrete Block Wall Investigation Using Infrared Thermography	6.45	
	For Digital Or Analog Recording Of All Items, Add	0.97	
01 45 23 00-0129	CSF >50,000 SF, Concrete Block Wall Investigation Using Infrared Thermography	4.30	
	For Digital Or Analog Recording Of All Items, Add	0.65	
01 45 23 00-0130	Other Non-destructive Field Testing Services (01 45 23 00-0105)		
01 45 23 00-0131	HR ASNT Certified Level I NDT Consultant	73.25	
01 45 23 00-0132	HR ASNT Certified Level II NDT Consultant	81.68	
01 45 23 00-0133	HR ASNT Certified Level III NDT Consultant	94.98	
01 45 23 00-0134	HR Certified Industrial Radiography Radiation Safety Personnel	113.95	
01 45 29	Testing Laboratory Services (01 45)		
	Note: For application to existing materials/site conditions or additional testing over specifications stated tests.		
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	152.61	
01 45 29 00-0003	EA Shrinkage Limit, Soil Borings Laboratory Test	48.69	
01 45 29 00-0004	EA Unconfined Compressive Strength of Cohesive Soils, Soil Borings Laboratory Test	117.39	
01 45 29 00-0005	EA Consolidation, Soil Borings Laboratory Test	821.73	
01 45 29 00-0006	EA Swell Test, Soil Borings Laboratory Test	128.83	
01 45 29 00-0007	EA In Place Density, Soil Borings Laboratory Test	35.22	
01 45 29 00-0008	EA Moisture Content, ASTM D2216, Soil Borings Laboratory Test	21.88	
01 45 29 00-0009	EA Hydrometer Analysis, Soil Borings Laboratory Test	282.46	



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 29 00-0010 EA Specific Gravity, ASTM D854, Soil Borings Laboratory Test	98.48	
01 45 29 00-0011 EA Partial Sieve Analysis, Soil Borings Laboratory Test	19.48	
01 45 29 00-0012 EA Laboratory Permeability, Soil Borings Laboratory Test	973.77	
01 45 29 00-0013 EA Sieve Analysis, ASTM D422, Soil Borings Laboratory Test	196.96	
01 45 29 00-0014 EA Sulfate Soundness, Soil Borings Laboratory Test	243.44	
01 45 29 00-0015 EA Los Angeles Abrasion, Soil Borings Laboratory Test	450.63	
01 45 29 00-0016 EA Soil Bearing Ratio, ASTM D1883	498.71	
01 45 29 00-0017 EA Compaction Test Subgrade, Soil Borings Laboratory Test	146.07	
01 45 29 00-0018 EA Compaction Test Base Course, Soil Borings Laboratory Test	162.29	
01 45 29 00-0019 EA In Place Density And Water Content Test By Nuclear Methods, ASTM D6938, Soil Borings Laboratory Test	348.32	
01 45 29 00-0020 EA Field Density Sand Cone, AASHTO T-191, ASTM D1556, Soil Borings Laboratory Test	74.66	

01 50 Temporary Facilities and Controls ^(01 50)

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 Power Pole Rentals ^(01 51 13)

Note: Includes installation in ground and removal after use.

01 51 13 00-0002 MON 17' To 35' Temporary Wood Power Pole Rental For 100 Amperes Service	90.93
01 51 13 00-0003 MON 17' To 35' Temporary Wood Power Pole Rental For 200 Amperes Service	109.11
01 51 13 00-0004 EA Power Installation For 100 Amperes Service	909.26
Note: One time fee	
01 51 13 00-0005 EA Power Installation For 200 Amperes Service	1,091.11
Note: One time fee	

01 51 13 00-0006 Temporary Service Switch And/or Building Feeder Switch ^(01 51 13)

Note: Includes all connections and removal after use.

01 51 13 00-0007 EA Temporary 100 Amperes, NEMA 1 Or 3R, Disconnect Switch With Fuses	1,564.95
01 51 13 00-0008 EA Temporary 200 Amperes, NEMA 1 Or 3R, Disconnect Switch With Fuses	2,427.63
01 51 13 00-0009 EA Temporary 400 Amperes, 240 Volt, NEMA 3R, Disconnect Switch With Fuses	4,454.09
01 51 13 00-0010 EA Temporary 600 Amperes, 240 Volt, NEMA 3R, Disconnect Switch With Fuses	7,326.35

01 51 13 00-0011 Temporary 120/208 Volt Main Lug Panelboard Complete With Branch Fuses ^(01 51 13)

Note: Includes mounting on wall and removal after use.

01 51 13 00-0012 EA Temporary 400 Amperes, Panelboard Complete With GFCI Circuit Breakers	1,624.91
01 51 13 00-0013 EA Temporary 200 Amperes, Panelboard Complete With GFCI Circuit Breakers	2,267.75
01 51 13 00-0014 EA Temporary 400 Amperes, Panelboard Complete With GFCI Circuit Breakers	3,548.47
01 51 13 00-0015 EA Temporary 600 Amperes, Panelboard Complete With GFCI Circuit Breakers	5,042.68

01 51 13 00-0016 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 00-0017 LF Temporary SER Cable (Conduit As Required) For Temporary Disconnect Switches And Temporary Panelboards	11.83
01 51 13 00-0018 LF Temporary Branch Circuit Conduit And Wiring For Temporary Disconnect Switches And Temporary Panelboards	12.96

01 51 26 Temporary Lighting ^(01 51)

01 51 26 00-0001 Temporary Lighting Devices ^(01 51 26)

Note: Includes removal after use.

01 51 26 00-0002 EA Temporary Exit Light	296.50
01 51 26 00-0003 EA Temporary 10 Light String With Cages	107.76
01 51 26 00-0004 EA Temporary High Bay Light	405.97

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 and Office Trailers ^(01 52 13)

Note: Excludes furniture, utility connections and service. Minimum 6 months rental. See CSI section 01 52 13 00-0015 for furniture, skirting, and steps.

01 52 13 00-0002 MO 8' x 24' Mobile Office, With Toilet	188.83
For Each Delivery And Removal, Two Round Trips, Add	1,254.69
For Each Set-Up (Block And Level), Add	440.31
For Each Anchoring Into Dirt, Add	134.27
For Each Anchoring Into Asphalt Or Concrete, Add	201.40
For Office Trailer Without Toilet, Deduct	-37.77

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



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 52 13 00-0003	MO	8' x 32' Mobile Office, With Toilet.....	214.01	
		For Each Delivery And Removal, Two Round Trips, Add	1,254.69	
		For Each Set-Up (Block And Level), Add	440.31	
		For Each Anchoring Into Dirt, Add	134.27	
		For Each Anchoring Into Asphalt Or Concrete, Add	201.40	
		For Office Trailer Without Toilet, Deduct	-42.80	
01 52 13 00-0004	MO	10' x 36' Mobile Office, With Toilet.....	289.54	
		For Each Delivery And Removal, Two Round Trips, Add	1,882.04	
		For Each Set-Up (Block And Level), Add	718.39	
		For Each Anchoring Into Dirt, Add	134.27	
		For Each Anchoring Into Asphalt Or Concrete, Add	201.40	
		For Office Trailer Without Toilet, Deduct	-57.91	
01 52 13 00-0005	MO	10' x 40' Mobile Office, With Toilet.....	308.43	
		For Each Delivery And Removal, Two Round Trips, Add	1,882.04	
		For Each Set-Up (Block And Level), Add	718.39	
		For Each Anchoring Into Dirt, Add	134.27	
		For Each Anchoring Into Asphalt Or Concrete, Add	201.40	
		For Office Trailer Without Toilet, Deduct	-61.69	
01 52 13 00-0006	MO	10' x 44' Mobile Office, With Toilet.....	339.90	
		For Each Delivery And Removal, Two Round Trips, Add	1,882.04	
		For Each Set-Up (Block And Level), Add	718.39	
		For Each Anchoring Into Dirt, Add	134.27	
		For Each Anchoring Into Asphalt Or Concrete, Add	201.40	
01 52 13 00-0007	MO	10' x 50' Mobile Office, With Toilet.....	358.78	
		For Each Delivery And Removal, Two Round Trips, Add	1,882.04	
		For Each Set-Up (Block And Level), Add	718.39	
		For Each Anchoring Into Dirt, Add	134.27	
		For Each Anchoring Into Asphalt Or Concrete, Add	201.40	
01 52 13 00-0008	MO	12' x 32' Mobile Office, With Toilet.....	277.58	
		For Each Anchoring Into Dirt, Add	134.27	
		For Each Anchoring Into Asphalt Or Concrete, Add	201.40	
		For Each Delivery And Removal, Two Round Trips, Add	753.44	
		For Each Set-Up (Block And Level), Add	579.35	
01 52 13 00-0009	MO	12' x 44' Mobile Office, With Toilet.....	371.12	
		For Each Delivery And Removal, Two Round Trips, Add	1,882.04	
		For Each Set-Up (Block And Level), Add	718.39	
		For Each Anchoring Into Dirt, Add	134.27	
		For Each Anchoring Into Asphalt Or Concrete, Add	201.40	
01 52 13 00-0010	MO	12' x 50' Mobile Office, With Toilet.....	421.72	
		For Each Delivery And Removal, Two Round Trips, Add	1,882.04	
		For Each Set-Up (Block And Level), Add	718.39	
		For Each Anchoring Into Dirt, Add	134.27	
		For Each Anchoring Into Asphalt Or Concrete, Add	201.40	
01 52 13 00-0011	MO	12' x 60' Mobile Office, With Toilet.....	459.49	
		For Each Delivery And Removal, Two Round Trips, Add	1,882.04	
		For Each Set-Up (Block And Level), Add	718.39	
		For Each Anchoring Into Dirt, Add	134.27	
		For Each Anchoring Into Asphalt Or Concrete, Add	201.40	
01 52 13 00-0012	MO	24' x 60' Modular Office, With Toilet.....	1,007.10	
		For Each Delivery And Removal, Two Round Trips, Add	3,764.08	
		For Each Set-Up (Block And Level), Add	1,158.70	
		For Each Anchoring Into Dirt, Add	134.27	
		For Each Anchoring Into Asphalt Or Concrete, Add	201.40	
01 52 13 00-0013	MO	24' x 72' Modular Office, With Toilet.....	1,208.52	
		For Each Delivery And Removal, Two Round Trips, Add	3,764.08	
		For Each Set-Up (Block And Level), Add	1,158.70	
		For Each Anchoring Into Dirt, Add	134.27	
		For Each Anchoring Into Asphalt Or Concrete, Add	201.40	
01 52 13 00-0014	MO	30' x 30' Modular Office, With Toilet.....	574.36	
		For Each Delivery And Removal, Two Round Trips, Add	3,764.08	
		For Each Set-Up (Block And Level), Add	1,158.70	
		For Each Anchoring Into Dirt, Add	134.27	
		For Each Anchoring Into Asphalt Or Concrete, Add	201.40	
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	Desk For Field Office Trailer.....	57.18	
01 52 13 00-0017	MO	Rolling Desk Chair For Field Office Trailer.....	35.74	
01 52 13 00-0018	MO	File Cabinet For Field Office Trailer.....	42.88	
01 52 13 00-0019	MO	Table For Field Office Trailer.....	28.59	
01 52 13 00-0020	MO	Folding Chair For Field Office Trailer.....	13.54	
01 52 13 00-0021	EA	Phone Hook-Up For Field Office Trailer.....	157.24	
01 52 13 00-0022	MO	Local Phone Service Per Phone Line For Field Office Trailer.....	100.06	
01 52 13 00-0023	MO	Security System With Monitoring For Field Office Trailer.....	180.17	
01 52 13 00-0024	LF	Perimeter Trailer Vinyl Skirting For Field Office Trailer.....	16.12	
01 52 13 00-0025	LF	Insulated Perimeter Trailer Vinyl Skirting For Field Office Trailer.....	38.17	
01 52 13 00-0026	MO	Fax Machine For Field Office Trailer.....	71.47	
01 52 13 00-0027	MO	Copier For Field Office Trailer.....	114.36	
01 52 13 00-0028	MO	Steps For Field Office Trailer.....	47.00	

01 52 13 00-0029 Storage Containers (01 52 13)



General Requirements			01	5
Temporary Facilities and Controls			01 50	
Construction Facilities			01 52	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 52 13 00-0030	MO		8' x 8' x 10' Storage Container For Each Delivery And Removal, Two Round Trips, Add For >12 Months, Deduct	209.52 146.37 -62.86	
01 52 13 00-0031	MO		8' x 8' x 20' Storage Container For Each Delivery And Removal, Two Round Trips, Add For >12 Months, Deduct	219.04 161.00 -65.71	
01 52 13 00-0032	MO		8' x 8' x 40' Storage Container For Each Delivery And Removal, Two Round Trips, Add For >12 Months, Deduct	259.04 324.26 -77.71	
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 (unless task states otherwise) and removal.					
01 52 19 00-0002	WK		Portable Chemical Toilet..... For Each Additional Servicing Per Unit Per Week, Add For Each Delivery And Set-up, Add	70.82 25.00 42.49	
01 52 19 00-0003	MO		Portable Chemical Toilet..... For Each Additional Servicing Per Unit Per Week, Add For Each Delivery And Set-up, Add	212.45 25.00 42.49	
01 52 19 00-0004	WK		Americans With Disabilities Act Compliant Portable Chemical Toilet..... For Each Additional Servicing Per Unit Per Week, Add For Each Delivery And Set-up, Add	84.47 25.00 42.49	
01 52 19 00-0005	MO		Americans With Disabilities Act Compliant Portable Chemical Toilet..... For Each Additional Servicing Per Unit Per Week, Add For Each Delivery And Set-up, Add	247.86 25.00 42.49	
01 52 19 00-0006	WK		Two Station Portable Handwash..... For Each Delivery And Set-up, Add	54.79 42.49	
01 52 19 00-0007	MO		Two Station Portable Handwash..... For Each Delivery And Set-up, Add	166.19 42.49	
01 52 19 00-0008	WK		Four Station Portable Handwash..... For Each Delivery And Set-up, Add	64.46 42.49	
01 52 19 00-0009	MO		Four Station Portable Handwash..... For Each Delivery And Set-up, Add	195.51 42.49	
01 52 19 00-0010	MO		6 Station, Portable Toilets, Multi Trailer..... Note: Includes women's room (3 toilets, 2 sinks) and men's room (1 toilet, 1 urinal and 1 sink). Excludes servicing. For Each Delivery, Set-up And Removal, Two Round Trips, Add	4,685.40 1,199.81	
01 52 19 00-0011	WK		Service 6 Station Trailer Restrooms, 3 Times Per Week..... For One Additional Service Per Week, Add Note: For one less service per week, UOM to be negative one (-1)	2,044.02 681.34	
01 52 19 00-0012	MO		34' Length, ADA Restroom Trailer With 950 Gal Waste Tank..... Note: Includes women's: 3 toilets, 2 sinks; men's: 1 toilet, 2 urinals, 2 sinks; ADA: 1 toilet, 1 sink. Requires 3/4" water source, and four 20-amp/110 voltage dedicated circuits. For Delivery, Setup, Removal, Add Once For Weekly Service Of Toilet Trailer, Add Per Month	5,839.75 861.61 873.90	
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.....	7.73	
01 53 16 00-0003	LF		Temporary Wooden Guardrail, 42" High, Posts, Handrail, And Intermediate Rail.....	31.21	
01 53 16 00-0004	LF		Temporary Wood Guardrail Base, 12" x 12" Timber Beam.....	14.90	
01 53 16 00-0005	RSR		Temporary Wood Stairs, Tread And Riser On 2" x 12" Stringers.....	25.42	
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.....	1.50	0.47
01 54 Construction Aids (01 50)					
01 54 09 Personnel Protection Equipment (01 54)					
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. Includes, 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..... Note: For specification publishing. Review specifications for requirements.	0.00	
01 54 23 Temporary Scaffolding and Platforms (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 23 00-0001		Scaffolding (01 54 23) Note: Additional scaffolding rental for work above the normal working height.		
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).....	29.33	
		For Up To 25, Add.....	11.73	
		For >25 To 50, Add.....	7.33	
		For >50 To 150, Add.....	2.93	
01 54 23 00-0004	CCF	Scaffolding With Bracing Accessories - Area Based On 4' Wide Sections (CCF / Month).....	32.98	
		For Up To 25, Add.....	13.19	
		For >25 To 50, Add.....	8.25	
		For >50 To 150, Add.....	3.30	
01 54 23 00-0005	CCF	Scaffolding With Bracing Accessories - Area Based On 3' Wide Sections (CCF / Month).....	43.99	
		For Up To 25, Add.....	17.60	
		For >25 To 50, Add.....	11.00	
		For >50 To 150, Add.....	4.40	
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.....	45.05	
01 54 23 00-0008	CCF	>20' To 40' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.....	59.07	
01 54 23 00-0009	CCF	>40' To 60' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.....	78.83	
01 54 23 00-0010	CCF	>60' To 80' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.....	86.72	
01 54 23 00-0011	CCF	>80' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.....	99.86	
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.....	63.07	
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).....	68.38	
01 54 23 00-0015	CCF	Heavy Duty Masonry Scaffolding With Bracing Accessories - Area Based On 2' Wide Sections (CCF / Month).....	125.37	
01 54 23 00-0016	LF	Aluminum Joists (LF / Month).....	11.12	
01 54 23 00-0017	LF	Aluminum Stringers (LF / Month).....	15.94	
01 54 23 00-0018	EA	Screw Jack With U-Plate For Stringers (EA / Month).....	20.09	
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.....	84.09	
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.....	105.11	
01 54 23 00-0022	CCF	>40' To 60' Height Heavy Duty Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.....	126.14	
01 54 23 00-0023	CCF	>60' To 80' Height Heavy Duty Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.....	136.65	
01 54 23 00-0024	CCF	>80' Height Heavy Duty Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.....	152.42	
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.	40.25	
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)		
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".....	0.93	
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.		



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 00-0035 DAY >14' To 20', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	10.92	
01 54 23 00-0036 WK >14' To 20', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	43.75	
01 54 23 00-0037 MO >14' To 20', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	174.97	
01 54 23 00-0038 DAY >20' To 40', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	18.28	
01 54 23 00-0039 WK >20' To 40', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	73.20	
01 54 23 00-0040 MO >20' To 40', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	292.82	
01 54 23 00-0041 EA >14' To 20', Rolling Scaffolding Initial Erection And Final Dismantling For Each Scaffold	121.44	
01 54 23 00-0042 EA >20' To 40', Rolling Scaffolding Initial Erection And Final Dismantling For Each Scaffold	151.79	
01 54 23 00-0043 Shoring Posts (01 54 23)		
01 54 23 00-0044 DAY 6'-6" To 11' Extension, 5,000 LB Capacity, Steel Shoring Post	2.09	
01 54 23 00-0045 WK 6'-6" To 11' Extension, 5,000 LB Capacity, Steel Shoring Post	8.35	
01 54 23 00-0046 MO 6'-6" To 11' Extension, 5,000 LB Capacity, Steel Shoring Post	25.06	
01 54 23 00-0047 DAY Up To 7', 1" Diameter, Steel Cross Brace	1.95	
01 54 23 00-0048 WK Up To 7', 1" Diameter, Steel Cross Brace	3.90	
01 54 23 00-0049 MO Up To 7', 1" Diameter, Steel Cross Brace	7.80	
01 54 23 00-0050 DAY >7' To 10', 1" Diameter, Steel Cross Brace	2.82	
01 54 23 00-0051 WK >7' To 10', 1" Diameter, Steel Cross Brace	5.64	
01 54 23 00-0052 MO >7' To 10', 1" Diameter, Steel Cross Brace	11.28	
01 54 23 00-0053 MO 2' Wide Shoring Frame With Adjustable Screw Jacks	12.22	
01 54 23 00-0054 MO 4' Wide Shoring Frame With Adjustable Screw Jacks	15.98	
01 54 23 00-0055 LF 1-5/8" Diameter, Steel Tube And Clamp Bracing (Per LF/Month)	7.52	
01 54 23 00-0056 LF 6-1/2" Deep, Aluminum Joist Shoring (Per LF/Month)	4.88	
01 54 23 00-0057 LF 7-1/4" Deep, Aluminum Stringer Shoring (Per LF/Month)	4.88	
01 54 23 00-0058 CCF Shoring Posts And Frames Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	57.82	
01 54 23 00-0059 EA Initial Erection And Final Dismantling For Each Shoring Post	9.72	
For >20 To 50, Deduct	-1.46	
For >50 To 100, Deduct	-3.40	
For >100, Deduct	-5.35	
01 54 23 00-0060 Temporary Lumber, Single Use (01 54 23)		
Note: Includes removal after use.		
01 54 23 00-0061 SF 5/16" CD Grade Plywood, Temporary Lumber	2.42	
01 54 23 00-0062 SF 1/2" CD Grade Plywood, Temporary Lumber	2.78	
01 54 23 00-0063 SF 5/8" CD Grade Plywood, Temporary Lumber	3.10	
01 54 23 00-0064 SF 3/4" CD Grade Plywood, Temporary Lumber	3.44	
01 54 23 00-0065 SF 1" CD Grade Plywood, Temporary Lumber	5.16	
01 54 23 00-0066 LF 2" x 4" Temporary Lumber	2.99	
01 54 23 00-0067 LF 2" x 6" Temporary Lumber	3.79	
01 54 23 00-0068 LF 2" x 8" Temporary Lumber	4.60	
01 54 23 00-0069 LF 2" x 10" Temporary Lumber	5.41	
01 54 23 00-0070 LF 2" x 12" Temporary Lumber	6.22	
01 54 23 00-0071 LF 3" x 8" Temporary Lumber	6.22	
01 54 23 00-0072 LF 3" x 10" Temporary Lumber	7.43	
01 54 23 00-0073 LF 3" x 12" Temporary Lumber	8.64	
01 54 23 00-0074 LF 4" x 4" Temporary Lumber	4.07	
01 54 23 00-0075 LF 4" x 6" Temporary Lumber	5.84	
01 54 23 00-0076 LF 6" x 6" Temporary Lumber	7.61	
01 54 23 00-0077 LF 6" x 8" Temporary Lumber	9.90	
01 54 23 00-0078 LF 12" x 12" Temporary Lumber	24.32	
01 54 23 00-0079 Temporary Precast Concrete Blocks (01 54 23)		
Note: Includes removal after use.		
01 54 23 00-0080 EA 2' x 2' x 2' Temporary Precast Concrete (Ecology) Block	121.02	
Note: Includes removal after use.		
01 54 23 00-0081 EA 2' x 2' x 4' Temporary Precast Concrete (Ecology) Block	151.28	
Note: Includes removal after use.		
01 54 23 00-0082 EA 2' x 2' x 8' Temporary Precast Concrete (Ecology) Block	195.92	
Note: Includes removal after use.		
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	3,005.64	
01 54 26 00-0003 MO 10' Swing Stage, Electric Operated	3,155.92	
01 54 26 00-0004 MO 14' Swing Stage, Electric Operated	3,306.20	
01 54 26 00-0005 MO 20' Swing Stage, Electric Operated	3,456.49	
01 54 26 00-0006 MO 24' Swing Stage, Electric Operated	3,606.77	
01 54 26 00-0007 MO 30' Swing Stage, Electric Operated	3,757.05	
01 54 26 00-0008 MO 42' Swing Stage, Electric Operated	3,907.33	
01 54 26 00-0009 MO 12' Swing Stage, Manually Operated	866.71	
01 54 26 00-0010 MO 24' Swing Stage, Manually Operated	1,083.38	

10	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 26 00-0011	EA		Swing Stage Platform From Hooks, Erection And Dismantling.....	5,176.72	
			Note: Includes both initial erection and final dismantling of platform. Excludes anchors or temporary roof mounted outrigger system.		
01 54 26 00-0012	EA		Swing Stage Platform And Temporary Roof Mounted Outrigger System Erection And Dismantling	7,193.93	
			Note: Includes both initial erection and final dismantling of temporary roof mounted outrigger system.		
01 54 26 00-0013	EA		Move Swing Stage Platform From Hooks To Different Location At Same Roof	2,722.03	
01 54 26 00-0014	EA		Move Swing Stage Platform and Temporary Roof Mounted Outrigger System To Different Location At Same Roof	3,791.40	

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	2.83	
			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	3.61	
			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.....	401.44	
01 55 23 00-0006	EA		Placement And Removal Of Rumble Plate	102.65	
			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.....	25.66	
			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).....	4,947.20	230.64
01 55 23 00-0010	EA		6" Pipeline, 12' Passable Vehicle Width, Temporary Road Ramp (Godwin).....	6,738.16	345.96
01 55 23 00-0011	EA		8" Pipeline, 12' Passable Vehicle Width, Temporary Road Ramp (Godwin).....	9,309.28	461.28
01 55 23 00-0012	EA		12" Pipeline, 12' Passable Vehicle Width, Temporary Road Ramp (Godwin).....	19,291.92	576.60
01 55 23 00-0013	EA		24" Pipeline, 15' Passable Vehicle Width, Temporary Road Ramp (Godwin).....	28,299.36	691.92

01 55 26 Traffic Control (01 55)

01 55 26 00-0001			Temporary 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	5.39	
01 55 26 00-0003	LF		8" Removable Traffic Black Line Mask	6.48	
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	5.45	
01 55 26 00-0006	LF		6" Reflective Removable Traffic Line Tape	7.38	
01 55 26 00-0007	LF		8" Reflective Removable Traffic Line Tape	9.23	
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.....	2.38	
			For Not Removed, Deduct	-1.68	
01 55 26 00-0010	LF		6" Temporary Painted Traffic Lines.....	3.14	
			For Not Removed, Deduct	-2.27	
01 55 26 00-0011	LF		8" Temporary Painted Traffic Lines.....	3.94	
			For Not Removed, Deduct	-2.87	
01 55 26 00-0012			Temporary Pedestrian Traffic Control (01 55 26)		
01 55 26 00-0013	CLF		1", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Orange	10.65	
01 55 26 00-0014	CLF		2", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Orange	13.72	
01 55 26 00-0015	CLF		3/4", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Yellow	8.65	
01 55 26 00-0016	CLF		2", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Yellow	10.51	
01 55 26 00-0017	CLF		3", 4 Mil Polyethylene Printed Barricade Tape, Non-Fluorescent	11.29	
01 55 26 00-0018	CLF		6", 4 Mil Polyethylene Printed Barricade Tape, Non-Fluorescent	15.14	
01 55 26 00-0019	CLF		1" Exterior Vinyl Tape (Warning Tape)	12.37	
01 55 26 00-0020	CLF		2" Exterior Vinyl Tape (Warning Tape)	16.99	
01 55 26 00-0021	CLF		3" Exterior Vinyl Tape (Warning Tape)	20.91	
01 55 26 00-0022	CLF		4" Exterior Vinyl Tape (Warning Tape)	24.43	

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.		



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 00-0024	LF	4" Linear Delineation System.....	11.51	
01 55 26 00-0025	LF	6" Linear Delineation System.....	15.52	
01 55 26 00-0026		Temporary Traffic Protection (01 55 26)		
01 55 26 00-0027		Temporary Portable Traffic Control Device Usage (01 55 26 00-0026)		
Note: Excludes placing and removing devices. See CSI section 01 55 26 00-0142 for delivery, placing and removal.				
01 55 26 00-0028	DAY	28" Cone With Reflective Collar.....	0.86	
01 55 26 00-0029	WK	28" Cone With Reflective Collar.....	2.59	
01 55 26 00-0030	MO	28" Cone With Reflective Collar.....	7.76	
01 55 26 00-0031	DAY	36" Traffic Cone With Reflective Collar.....	1.08	
01 55 26 00-0032	WK	36" Traffic Cone With Reflective Collar.....	3.23	
01 55 26 00-0033	MO	36" Traffic Cone With Reflective Collar.....	9.70	
01 55 26 00-0034	DAY	Tubular Marker Delineator Guide Post With Base/Channelizing Guide Post.....	2.03	
01 55 26 00-0035	WK	Tubular Marker Delineator Guide Post With Base/Channelizing Guide Post.....	6.09	
01 55 26 00-0036	MO	Tubular Marker Delineator Guide Post With Base/Channelizing Guide Post.....	18.27	
01 55 26 00-0037	DAY	Vertical Panel.....	2.60	
01 55 26 00-0038	WK	Vertical Panel.....	7.81	
01 55 26 00-0039	MO	Vertical Panel.....	23.43	
01 55 26 00-0040	DAY	Channelizer Drum.....	2.83	
01 55 26 00-0041	WK	Channelizer Drum.....	8.48	
01 55 26 00-0042	MO	Channelizer Drum.....	25.44	
01 55 26 00-0043	DAY	Stackable Channelizer Panel.....	1.34	
01 55 26 00-0044	WK	Stackable Channelizer Panel.....	4.01	
01 55 26 00-0045	MO	Stackable Channelizer Panel.....	12.03	
01 55 26 00-0046	DAY	Type I Barricade, Up To 3' Wide With Reflective Rail Each Side.....	1.85	
01 55 26 00-0047	WK	Type I Barricade, Up To 3' Wide With Reflective Rail Each Side.....	5.55	
01 55 26 00-0048	MO	Type I Barricade, Up To 3' Wide With Reflective Rail Each Side.....	16.66	
01 55 26 00-0049	DAY	Type II Barricade, Up To 3' Wide With Two Reflective Rails Each Side.....	4.10	
01 55 26 00-0050	WK	Type II Barricade, Up To 3' Wide With Two Reflective Rails Each Side.....	12.31	
01 55 26 00-0051	MO	Type II Barricade, Up To 3' Wide With Two Reflective Rails Each Side.....	36.92	
01 55 26 00-0052	DAY	Type III Barricade, Up To 5' Wide With Three Reflective Rails.....	4.68	
01 55 26 00-0053	WK	Type III Barricade, Up To 5' Wide With Three Reflective Rails.....	14.03	
01 55 26 00-0054	MO	Type III Barricade, Up To 5' Wide With Three Reflective Rails.....	42.08	
01 55 26 00-0055	DAY	Type III Barricade, >5' To 10' Wide With Three Reflective Rails.....	8.55	
01 55 26 00-0056	WK	Type III Barricade, >5' To 10' Wide With Three Reflective Rails.....	25.66	
01 55 26 00-0057	MO	Type III Barricade, >5' To 10' Wide With Three Reflective Rails.....	76.97	
01 55 26 00-0058	DAY	Up To 10' Wide A Frame Barricade.....	4.69	
01 55 26 00-0059	WK	Up To 10' Wide A Frame Barricade.....	14.07	
01 55 26 00-0060	MO	Up To 10' Wide A Frame Barricade.....	42.21	
01 55 26 00-0061	DAY	Type A Or C Flasher.....	0.96	
01 55 26 00-0062	WK	Type A Or C Flasher.....	2.87	
01 55 26 00-0063	MO	Type A Or C Flasher.....	8.60	
01 55 26 00-0064	DAY	Type B Flasher (High Intensity).....	5.19	
01 55 26 00-0065	WK	Type B Flasher (High Intensity).....	15.56	
01 55 26 00-0066	MO	Type B Flasher (High Intensity).....	46.67	
01 55 26 00-0067		Temporary Traffic Barriers Usage (01 55 26 00-0026)		
Note: Excludes placing and removing devices. See CSI section 01 55 26 00-0142 for delivery, placing and removal.				
01 55 26 00-0068	DAY	6' Long Portable Parking Curbs.....	2.23	
01 55 26 00-0069	WK	6' Long Portable Parking Curbs.....	6.70	
01 55 26 00-0070	MO	6' Long Portable Parking Curbs.....	20.10	
01 55 26 00-0071	DAY	6' Long Portable Speed Bumps.....	6.61	
01 55 26 00-0072	WK	6' Long Portable Speed Bumps.....	19.83	
01 55 26 00-0073	MO	6' Long Portable Speed Bumps.....	59.49	
01 55 26 00-0074	DAY	Up To 12.5' Concrete Traffic Barrier.....	15.88	
01 55 26 00-0075	WK	Up To 12.5' Concrete Traffic Barrier.....	47.64	
01 55 26 00-0076	MO	Up To 12.5' Concrete Traffic Barrier.....	142.92	
01 55 26 00-0077	DAY	>12.5' To 20' Concrete Traffic Barrier.....	31.76	
01 55 26 00-0078	WK	>12.5' To 20' Concrete Traffic Barrier.....	95.28	
01 55 26 00-0079	MO	>12.5' To 20' Concrete Traffic Barrier.....	285.85	
01 55 26 00-0080	DAY	6' x 32" Tall Plastic Water Barrier.....	18.96	
01 55 26 00-0081	WK	6' x 32" Tall Plastic Water Barrier.....	56.89	
01 55 26 00-0082	MO	6' x 32" Tall Plastic Water Barrier.....	170.68	
01 55 26 00-0083	DAY	6' x 46" Tall Plastic Water Barrier.....	27.08	
01 55 26 00-0084	WK	6' x 46" Tall Plastic Water Barrier.....	81.24	
01 55 26 00-0085	MO	6' x 46" Tall Plastic Water Barrier.....	243.71	
01 55 26 00-0086	DAY	Sand Filled Crash Attenuator Barrels.....	10.60	
01 55 26 00-0087	WK	Sand Filled Crash Attenuator Barrels.....	31.80	
01 55 26 00-0088	MO	Sand Filled Crash Attenuator Barrels.....	95.39	
01 55 26 00-0089	MO	Rolling Straight Concrete Barrier, Per Each Barrier Per Month.....	3,521.70	
01 55 26 00-0090	MO	Rolling Absorbing Concrete Barrier, Per Each Barrier Per Month.....	1,408.68	
01 55 26 00-0091	MO	Rolling Transition Concrete Barrier, Per Each Barrier Per Month.....	375.65	
01 55 26 00-0092	EA	2 Bay, Non-Gating, Redirecive Crash Cushion System, Test Level 2 (44 MPH), 24" Wide.....	6,446.05	
Note: Includes delivery, pickup and two months rental.				
01 55 26 00-0093	MO	2 Bay, Non-Gating, Redirecive Crash Cushion System, Test Level 2 (44 MPH), 24" Wide.....	621.54	
Note: Rental rate after 1st two months.				

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 00-0094 EA 5 Bay, Non-Gating, Redirective Crash Cushion System, Test Level 3 (62 MPH), 24" Wide.....	7,700.86	
Note: Includes delivery, pickup and two months rental.		
01 55 26 00-0095 MO 5 Bay, Non-Gating, Redirective Crash Cushion System, Test Level 3 (62 MPH), 24" Wide.....	932.31	
Note: Rental rate after 1st two months.		
01 55 26 00-0096 EA 8 Bay, Non-Gating, Redirective Crash Cushion System, Test Level 3 (71 MPH), 24" Wide.....	9,370.04	
Note: Includes delivery, pickup and two months rental.		
01 55 26 00-0097 MO 8 Bay, Non-Gating, Redirective Crash Cushion System, 71 MPH, 24" Wide.....	1,139.49	
Note: Rental rate after 1st two months.		
01 55 26 00-0098 MO 24" Wide x 32" High x 32' Long, Anchorless Water Filler, Non-Redirective, Bi-Directional Impact Attenuator (ABSORB 350® BARRIER).....	1,504.08	
Note: Consists of 8 bays with nose piece at the front of the system.		
01 55 26 00-0099 Temporary Portable Signs And Message Displays Usage (01 55 26 00-0026)		
Note: Excludes placing and removing devices. See CSI section 01 55 26 00-0142 for delivery, placing and removal.		
01 55 26 00-0100 DAY Mesh Or Vinyl Roll-up Sign With Stand	8.32	
01 55 26 00-0101 WK Mesh Or Vinyl Roll-up Sign With Stand	24.96	
01 55 26 00-0102 MO Mesh Or Vinyl Roll-up Sign With Stand	74.89	
01 55 26 00-0103 DAY 18" x 18" Aluminum Construction Sign, With Portable Stand.....	4.24	
01 55 26 00-0104 WK 18" x 18" Aluminum Construction Sign, With Portable Stand.....	12.73	
01 55 26 00-0105 MO 18" x 18" Aluminum Construction Sign, With Portable Stand.....	38.19	
01 55 26 00-0106 DAY 30" x 24" Aluminum Construction Sign, With Portable Stand.....	5.16	
01 55 26 00-0107 WK 30" x 24" Aluminum Construction Sign, With Portable Stand.....	15.47	
01 55 26 00-0108 MO 30" x 24" Aluminum Construction Sign, With Portable Stand.....	46.40	
01 55 26 00-0109 DAY 30" x 30" Aluminum Construction Sign, With Portable Stand.....	4.78	
01 55 26 00-0110 WK 30" x 30" Aluminum Construction Sign, With Portable Stand.....	14.35	
01 55 26 00-0111 MO 30" x 30" Aluminum Construction Sign, With Portable Stand.....	43.04	
01 55 26 00-0112 DAY 48" x 18" Aluminum Construction Sign, With Portable Stand.....	5.46	
01 55 26 00-0113 WK 48" x 18" Aluminum Construction Sign, With Portable Stand.....	16.39	
01 55 26 00-0114 MO 48" x 18" Aluminum Construction Sign, With Portable Stand.....	49.16	
01 55 26 00-0115 DAY 48" x 24" Aluminum Construction Sign, With Portable Stand.....	6.07	
01 55 26 00-0116 WK 48" x 24" Aluminum Construction Sign, With Portable Stand.....	18.22	
01 55 26 00-0117 MO 48" x 24" Aluminum Construction Sign, With Portable Stand.....	54.67	
01 55 26 00-0118 DAY 48" x 30" Aluminum Construction Sign, With Portable Stand.....	6.69	
01 55 26 00-0119 WK 48" x 30" Aluminum Construction Sign, With Portable Stand.....	20.06	
01 55 26 00-0120 MO 48" x 30" Aluminum Construction Sign, With Portable Stand.....	60.18	
01 55 26 00-0121 DAY 60" x 24" Aluminum Construction Sign, With Portable Stand.....	10.31	
01 55 26 00-0122 WK 60" x 24" Aluminum Construction Sign, With Portable Stand.....	30.94	
01 55 26 00-0123 MO 60" x 24" Aluminum Construction Sign, With Portable Stand.....	92.81	
01 55 26 00-0124 DAY 60" x 30" Aluminum Construction Sign, With Portable Stand.....	11.08	
01 55 26 00-0125 WK 60" x 30" Aluminum Construction Sign, With Portable Stand.....	33.23	
01 55 26 00-0126 MO 60" x 30" Aluminum Construction Sign, With Portable Stand.....	99.70	
01 55 26 00-0127 DAY 60" x 36" Aluminum Construction Sign, With Portable Stand.....	11.84	
01 55 26 00-0128 WK 60" x 36" Aluminum Construction Sign, With Portable Stand.....	35.53	
01 55 26 00-0129 MO 60" x 36" Aluminum Construction Sign, With Portable Stand.....	106.59	
01 55 26 00-0130 DAY Aluminum Sign And Post	4.14	
01 55 26 00-0131 WK Aluminum Sign And Post	12.41	
01 55 26 00-0132 MO Aluminum Sign And Post	37.22	
01 55 26 00-0133 DAY Trailer Mounted Flashing Arrow Board	200.00	
01 55 26 00-0134 WK Trailer Mounted Flashing Arrow Board	553.57	
01 55 26 00-0135 MO Trailer Mounted Flashing Arrow Board	1,464.27	
01 55 26 00-0136 DAY Trailer Mounted Portable Variable Message Sign (PVMS)	275.67	
01 55 26 00-0137 WK Trailer Mounted Portable Variable Message Sign (PVMS)	735.12	
01 55 26 00-0138 MO Trailer Mounted Portable Variable Message Sign (PVMS)	1,470.24	
01 55 26 00-0139 DAY Two Head, Trailer Mounted Traffic Signal System (Set Of Two)	1,415.54	
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.		
01 55 26 00-0140 WK Two Head, Trailer Mounted Traffic Signal System (Set Of Two)	4,246.62	
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.		
01 55 26 00-0141 MO Two Head, Trailer Mounted Traffic Signal System (Set Of Two)	12,739.86	
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.		
01 55 26 00-0142 Place And Remove Temporary Traffic Protection Using Truck (01 55 26 00-0026)		
Note: Includes delivery and return up to 15 miles. See CSI section 01 74 19 00-0048 for delivery >15 miles.		
01 55 26 00-0143 EA Placement And Removal Of Up To 250 Cones Using Truck.....	4.05	
01 55 26 00-0144 EA Placement And Removal Of >250 Cones Using Truck	3.54	
01 55 26 00-0145 EA Placement And Removal Of Up To 250 Panels/Channelizers Using Truck	6.68	
01 55 26 00-0146 EA Placement And Removal Of >250 Panels/Channelizers Using Truck	5.57	
01 55 26 00-0147 EA Placement And Removal Of Up To 250 Barricades Using Truck	10.12	
01 55 26 00-0148 EA Placement And Removal Of >250 Barricades Using Truck	8.10	
01 55 26 00-0149 EA Placement And Removal Of Curbs/Speed Bumps Using Truck.....	10.12	
01 55 26 00-0150 EA Placement And Removal Of Portable Sign And Stand Using Truck	6.08	
01 55 26 00-0151 EA Placement And Removal Of Aluminum Sign And Post Using Truck	25.31	
01 55 26 00-0152 EA Placement And Removal Of Trailer Mounted Boards And Signals Using Truck	75.93	



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 00-0153	EA	Placement And Removal Of Up To 12.5' Concrete Traffic Barrier 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.	102.65	
		For 1 Barrier, Add	256.63	
		For 2 Barriers, Add	92.39	
		For 3 Barriers, Add	30.80	
01 55 26 00-0154	EA	Placement And Removal Of >12.5' Concrete Traffic Barrier..... 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.	153.97	
		For 1 Barrier, Add	384.93	
		For 2 Barriers, Add	138.57	
		For 3 Barriers, Add	46.19	
01 55 26 00-0155	EA	Placement And Removal Of Plastic Water Barrier..... 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.	58.57	
		For 1 Barrier, Add	128.30	
		For 2 Barriers, Add	46.19	
		For 3 Barriers, Add	15.40	
01 55 26 00-0156	EA	Placement And Removal Of Crash Attenuator Barrels..... 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.	76.99	
		For 1 Barrier, Add	192.48	
		For 2 Barriers, Add	69.29	
		For 3 Barriers, Add	23.10	
01 55 26 00-0157	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.	564.56	
01 55 26 00-0158		Place And Remove Temporary Traffic Protection From Roadside (Daily) (01 55 26 00-0026)		
01 55 26 00-0159	EA	Placement And Removal Of Up To 250 Cones By Hand From Roadside.....	2.53	
01 55 26 00-0160	EA	Placement And Removal Of >250 Cones By Hand From Roadside.....	2.02	
01 55 26 00-0161	EA	Placement And Removal Of Up To 250 Panels/Channelizers By Hand From Roadside.....	3.37	
01 55 26 00-0162	EA	Placement And Removal Of >250 Panels/Channelizers By Hand From Roadside.....	2.69	
01 55 26 00-0163	EA	Placement And Removal Of Up To 250 Barricades By Hand From Roadside.....	5.07	
01 55 26 00-0164	EA	Placement And Removal Of >250 Barricades By Hand From Roadside.....	4.05	
01 55 26 00-0165	EA	Placement And Removal Of Portable Sign And Stand From Roadside.....	3.10	
01 55 26 00-0166	EA	Placement And Removal Of Trailer Mounted Boards And Signals From Roadside.....	37.97	
01 55 26 00-0167	EA	Roadside Relocation Of Concrete Traffic Barrier..... 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.	51.32	
01 55 26 00-0168		Place And Remove Temporary Signs For Detours (01 55 26 00-0026)		
01 55 26 00-0169		Temporary Reflectorized Signs For Detours (01 55 26 00-0169) Note: Excludes posts.		
01 55 26 00-0170		Temporary Aluminum Engineer Grade Stop Signs For Detours (01 55 26 00-0169)		
01 55 26 00-0171	EA	Temporary 18" x 18" Aluminum Engineer Grade Stop Sign For Detours.....	88.79	
		For Hi-Intensity Grade, Add	6.95	
		For Diamond Grade, Add	13.21	
01 55 26 00-0172	EA	Temporary 18" x 24" Aluminum Engineer Grade Stop Sign For Detours.....	99.56	
		For Hi-Intensity Grade, Add	9.09	
		For Diamond Grade, Add	17.27	
01 55 26 00-0173	EA	Temporary 24" x 24" Aluminum Engineer Grade Stop Sign For Detours.....	106.79	
		For Hi-Intensity Grade, Add	13.89	
		For Diamond Grade, Add	22.02	
01 55 26 00-0174	EA	Temporary 30" x 30" Aluminum Engineer Grade Stop Sign For Detours.....	119.94	
		For Hi-Intensity Grade, Add	5.21	
		For Diamond Grade, Add	28.20	
01 55 26 00-0175	EA	Temporary 36" x 36" Aluminum Engineer Grade Stop Sign For Detours.....	149.72	
		For Hi-Intensity Grade, Add	15.29	
		For Diamond Grade, Add	47.97	
01 55 26 00-0176		Other Temporary Reflectorized Traffic Signs For Detours (01 55 26 00-0169) Note: Other traffic signs includes reserve, handicap, visitor, no parking, property, speed limit, tow away, ADA, parking time limit, parking exclusive area, school, traffic/caution, etc. Excludes posts.		
01 55 26 00-0177		Temporary Aluminum Engineer Grade Traffic Signs For Detours (01 55 26 00-0176)		
01 55 26 00-0178	EA	Temporary 6" x 12" Aluminum Engineer Grade Traffic Sign For Detours.....	64.07	
		For Hi-Intensity Grade, Add	1.72	
01 55 26 00-0179	EA	Temporary 6" x 18" Aluminum Engineer Grade Traffic Sign For Detours.....	66.94	
		For Hi-Intensity Grade, Add	2.58	
01 55 26 00-0180	EA	Temporary 9" x 12" Aluminum Engineer Grade Traffic Sign For Detours.....	66.94	
		For Hi-Intensity Grade, Add	2.58	
01 55 26 00-0181	EA	Temporary 9" x 15" Aluminum Engineer Grade Traffic Sign For Detours.....	69.09	
		For Hi-Intensity Grade, Add	3.23	
01 55 26 00-0182	EA	Temporary 9" x 18" Aluminum Engineer Grade Traffic Sign For Detours.....	71.25	
		For Hi-Intensity Grade, Add	3.88	
01 55 26 00-0183	EA	Temporary 9" x 24" Aluminum Engineer Grade Traffic Sign For Detours.....	79.19	
		For Hi-Intensity Grade, Add	5.17	

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 00-0184	EA	Temporary 9" x 48" Aluminum Engineer Grade Traffic Sign For Detours	96.41	
		<i>For Hi-Intensity Grade, Add</i>	10.33	
01 55 26 00-0185	EA	Temporary 12" x 12" Aluminum Engineer Grade Traffic Sign For Detours	69.81	
		<i>For Hi-Intensity Grade, Add</i>	3.44	
01 55 26 00-0186	EA	Temporary 12" x 18" Aluminum Engineer Grade Traffic Sign For Detours	79.19	
		<i>For Hi-Intensity Grade, Add</i>	5.17	
01 55 26 00-0187	EA	Temporary 12" x 24" Aluminum Engineer Grade Traffic Sign For Detours	84.93	
		<i>For Hi-Intensity Grade, Add</i>	6.89	
01 55 26 00-0188	EA	Temporary 12" x 30" Aluminum Engineer Grade Traffic Sign For Detours	90.67	
		<i>For Hi-Intensity Grade, Add</i>	8.61	
01 55 26 00-0189	EA	Temporary 12" x 36" Aluminum Engineer Grade Traffic Sign For Detours	96.41	
		<i>For Hi-Intensity Grade, Add</i>	10.33	
01 55 26 00-0190	EA	Temporary 18" x 18" Aluminum Engineer Grade Traffic Sign For Detours	87.80	
		<i>For Hi-Intensity Grade, Add</i>	7.75	
01 55 26 00-0191	EA	Temporary 18" x 24" Aluminum Engineer Grade Traffic Sign For Detours	96.41	
		<i>For Hi-Intensity Grade, Add</i>	10.33	
01 55 26 00-0192	EA	Temporary 18" x 30" Aluminum Engineer Grade Traffic Sign For Detours	108.68	
		<i>For Hi-Intensity Grade, Add</i>	12.92	
01 55 26 00-0193	EA	Temporary 18" x 36" Aluminum Engineer Grade Traffic Sign For Detours	117.29	
		<i>For Hi-Intensity Grade, Add</i>	15.50	
01 55 26 00-0194	EA	Temporary 18" x 54" Aluminum Engineer Grade Traffic Sign For Detours	157.70	
		<i>For Hi-Intensity Grade, Add</i>	23.25	
01 55 26 00-0195	EA	Temporary 24" x 24" Aluminum Engineer Grade Traffic Sign For Detours	111.55	
		<i>For Hi-Intensity Grade, Add</i>	13.78	
01 55 26 00-0196	EA	Temporary 24" x 30" Aluminum Engineer Grade Traffic Sign For Detours	123.03	
		<i>For Hi-Intensity Grade, Add</i>	17.22	
01 55 26 00-0197	EA	Temporary 24" x 36" Aluminum Engineer Grade Traffic Sign For Detours	134.51	
		<i>For Hi-Intensity Grade, Add</i>	20.67	
01 55 26 00-0198	EA	Temporary 24" x 42" Aluminum Engineer Grade Traffic Sign For Detours	160.57	
		<i>For Hi-Intensity Grade, Add</i>	24.11	
01 55 26 00-0199	EA	Temporary 24" x 48" Aluminum Engineer Grade Traffic Sign For Detours	172.05	
		<i>For Hi-Intensity Grade, Add</i>	27.56	
01 55 26 00-0200	EA	Temporary 24" x 54" Aluminum Engineer Grade Traffic Sign For Detours	183.53	
		<i>For Hi-Intensity Grade, Add</i>	31.00	
01 55 26 00-0201	EA	Temporary 30" x 30" Aluminum Engineer Grade Traffic Sign For Detours	137.38	
		<i>For Hi-Intensity Grade, Add</i>	21.53	
01 55 26 00-0202	EA	Temporary 30" x 36" Aluminum Engineer Grade Traffic Sign For Detours	166.31	
		<i>For Hi-Intensity Grade, Add</i>	25.83	
01 55 26 00-0203	EA	Temporary 30" x 42" Aluminum Engineer Grade Traffic Sign For Detours	180.66	
		<i>For Hi-Intensity Grade, Add</i>	30.14	
01 55 26 00-0204	EA	Temporary 30" x 48" Aluminum Engineer Grade Traffic Sign For Detours	209.61	
		<i>For Hi-Intensity Grade, Add</i>	34.45	
01 55 26 00-0205	EA	Temporary 30" x 60" Aluminum Engineer Grade Traffic Sign For Detours	252.88	
		<i>For Hi-Intensity Grade, Add</i>	43.06	
01 55 26 00-0206	EA	Temporary 36" x 36" Aluminum Engineer Grade Traffic Sign For Detours	183.53	
		<i>For Hi-Intensity Grade, Add</i>	31.00	
01 55 26 00-0207	EA	Temporary 36" x 42" Aluminum Engineer Grade Traffic Sign For Detours	215.35	
		<i>For Hi-Intensity Grade, Add</i>	36.17	
01 55 26 00-0208	EA	Temporary 36" x 48" Aluminum Engineer Grade Traffic Sign For Detours	247.14	
		<i>For Hi-Intensity Grade, Add</i>	41.33	
01 55 26 00-0209	EA	Temporary 36" x 54" Aluminum Engineer Grade Traffic Sign For Detours	264.36	
		<i>For Hi-Intensity Grade, Add</i>	46.50	
01 55 26 00-0210	EA	Temporary 36" x 60" Aluminum Engineer Grade Traffic Sign For Detours	296.17	
		<i>For Hi-Intensity Grade, Add</i>	51.67	
01 55 26 00-0211	EA	Temporary 36" x 73" Aluminum Engineer Grade Traffic Sign For Detours	348.07	
		<i>For Hi-Intensity Grade, Add</i>	62.86	
01 55 26 00-0212	EA	Temporary 36" x 78" Aluminum Engineer Grade Traffic Sign For Detours	362.42	
		<i>For Hi-Intensity Grade, Add</i>	67.17	
01 55 26 00-0213	EA	Temporary 36" x 108" Aluminum Engineer Grade Traffic Sign For Detours	470.41	
		<i>For Hi-Intensity Grade, Add</i>	93.00	
01 55 26 00-0214	EA	Temporary 42" x 42" Aluminum Engineer Grade Traffic Sign For Detours	250.01	
		<i>For Hi-Intensity Grade, Add</i>	42.20	
01 55 26 00-0215	EA	Temporary 48" x 48" Aluminum Engineer Grade Traffic Sign For Detours	307.66	
		<i>For Hi-Intensity Grade, Add</i>	55.11	
01 55 26 00-0216	EA	Temporary 48" x 54" Aluminum Engineer Grade Traffic Sign For Detours	345.20	
		<i>For Hi-Intensity Grade, Add</i>	62.00	
01 55 26 00-0217	EA	Temporary 48" x 60" Aluminum Engineer Grade Traffic Sign For Detours	368.16	
		<i>For Hi-Intensity Grade, Add</i>	68.89	
01 55 26 00-0218	EA	Temporary 48" x 66" Aluminum Engineer Grade Traffic Sign For Detours	413.01	
		<i>For Hi-Intensity Grade, Add</i>	75.78	
01 55 26 00-0219	EA	Temporary 48" x 72" Aluminum Engineer Grade Traffic Sign For Detours	435.97	
		<i>For Hi-Intensity Grade, Add</i>	82.67	
01 55 26 00-0220	EA	Temporary 48" x 84" Aluminum Engineer Grade Traffic Sign For Detours	496.48	
		<i>For Hi-Intensity Grade, Add</i>	96.45	
01 55 26 00-0221	EA	Temporary 48" x 96" Aluminum Engineer Grade Traffic Sign For Detours	542.40	
		<i>For Hi-Intensity Grade, Add</i>	110.22	
01 55 26 00-0222	EA	Temporary 48" x 102" Aluminum Engineer Grade Traffic Sign For Detours	565.37	
		<i>For Hi-Intensity Grade, Add</i>	117.11	
01 55 26 00-0223	EA	Temporary 48" x 108" Aluminum Engineer Grade Traffic Sign For Detours	595.62	
		<i>For Hi-Intensity Grade, Add</i>	124.00	
01 55 26 00-0224	EA	Temporary 60" x 72" Aluminum Engineer Grade Traffic Sign For Detours	519.44	
		<i>For Hi-Intensity Grade, Add</i>	103.34	
01 55 26 00-0225	EA	Temporary 78" x 96" Aluminum Engineer Grade Traffic Sign For Detours	779.33	
		<i>For Hi-Intensity Grade, Add</i>	179.12	



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 00-0226		Temporary Overhead Sign Structures For Detours (01 55 26 00-0168) Note: Including horizontal Z-bars.		
01 55 26 00-0227	SF	From 30 To 360 SF Signs For Temporary Overhead Sign Structures For Detours For Over 10' High, Add	22.50 13.00	
01 55 26 00-0228		Temporary Sign Posts For Detours (01 55 26 00-0168) Note: Excludes sign.		
01 55 26 00-0229		Temporary U-Channel Sign Posts For Detours (01 55 26 00-0228) Note: Excludes digging and concrete.		
01 55 26 00-0230		Temporary Baked Enamel U-Channel Sign Posts For Detours (01 55 26 00-0228)		
01 55 26 00-0231	EA	Temporary 3' To 4' Baked Enamel U-Channel Sign Post Base For Detours	79.34	
01 55 26 00-0232	EA	Temporary 6' Baked Enamel U-Channel Sign Post For Detours	102.27	
01 55 26 00-0233	EA	Temporary 7' Baked Enamel U-Channel Sign Post For Detours	122.34	
01 55 26 00-0234	EA	Temporary 8' Baked Enamel U-Channel Sign Post For Detours	143.06	
01 55 26 00-0235	EA	Temporary 10' Baked Enamel U-Channel Sign Post For Detours	173.02	
01 55 26 00-0236	EA	Temporary 12' Baked Enamel U-Channel Sign Post For Detours	183.64	
01 55 26 00-0237		Temporary Galvanized Steel U-Channel Sign Posts For Detours (01 55 26 00-0229)		
01 55 26 00-0238	EA	Temporary 3' To 4' Galvanized Steel U-Channel Sign Post Base For Detours	83.43	
01 55 26 00-0239	EA	Temporary 6' Galvanized Steel U-Channel Sign Post For Detours	108.76	
01 55 26 00-0240	EA	Temporary 7' Galvanized Steel U-Channel Sign Post For Detours	137.00	
01 55 26 00-0241	EA	Temporary 8' Galvanized Steel U-Channel Sign Post For Detours	159.27	
01 55 26 00-0242	EA	Temporary 10' Galvanized Steel U-Channel Sign Post For Detours	184.82	
01 55 26 00-0243	EA	Temporary 12' Galvanized Steel U-Channel Sign Post For Detours	193.90	
01 55 26 00-0244		Temporary Fiberglass Or Composite Plastic U-Channel Sign Posts For Detours (01 55 26 00-0229)		
01 55 26 00-0245	EA	Temporary 3' To 4' Fiberglass Or Composite Plastic U-Channel Sign Post Base For Detours	78.38	
01 55 26 00-0246	EA	Temporary 6' Fiberglass Or Composite Plastic U-Channel Sign Post For Detours	100.18	
01 55 26 00-0247	EA	Temporary 7' Fiberglass Or Composite Plastic U-Channel Sign Post For Detours	119.81	
01 55 26 00-0248	EA	Temporary 8' Fiberglass Or Composite Plastic U-Channel Sign Post For Detours	140.05	
01 55 26 00-0249	EA	Temporary 10' Fiberglass Or Composite Plastic U-Channel Sign Post For Detours	167.55	
01 55 26 00-0250	EA	Temporary 12' Fiberglass Or Composite Plastic U-Channel Sign Post For Detours	180.40	
01 55 26 00-0251		Temporary Tubular Sign Posts For Detours (01 55 26 00-0228) Note: Excludes digging and concrete.		
01 55 26 00-0252		Temporary 2-3/8" Diameter, Galvanized Steel Tubular Sign Post For Detours (01 55 26 00-0251)		
01 55 26 00-0253	EA	Temporary 6', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post For Detours.....	109.43	
01 55 26 00-0254	EA	Temporary 7", 2-3/8" Diameter, Galvanized Steel Tubular Sign Post For Detours.....	130.34	
01 55 26 00-0255	EA	Temporary 8", 2-3/8" Diameter, Galvanized Steel Tubular Sign Post For Detours.....	153.33	
01 55 26 00-0256	EA	Temporary 10', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post For Detours.....	193.69	
01 55 26 00-0257	EA	Temporary 12', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post For Detours.....	207.29	
01 55 26 00-0258		Temporary Square Sign Posts For Detours (01 55 26 00-0228) Note: Excludes digging and concrete.		
01 55 26 00-0259		Temporary Galvanized Steel Square Sign Posts For Detours (01 55 26 00-0258)		
01 55 26 00-0260	EA	Temporary 3' To 4' Galvanized Steel Square Sign Post Base For Detours	84.34	
01 55 26 00-0261	EA	Temporary 6' Galvanized Steel Square Sign Post For Detours	124.11	
01 55 26 00-0262	EA	Temporary 7' Galvanized Steel Square Sign Post For Detours	146.55	
01 55 26 00-0263	EA	Temporary 8' Galvanized Steel Square Sign Post For Detours	170.96	
01 55 26 00-0264	EA	Temporary 10' Galvanized Steel Square Sign Post For Detours	208.40	
01 55 26 00-0265	EA	Temporary 12' Galvanized Steel Square Sign Post For Detours	223.61	
01 55 26 00-0266		Temporary Breakaway Sign Posts And Bases For Detours (01 55 26 00-0168) Note: For breakaway post systems, base posts are driven in, sign posts bolted to base post using lap splice hardware kit. Excludes sign.		
01 55 26 00-0267		Temporary 2.5 LB/LF Breakaway Sign Posts And Base Posts For Detours (01 55 26 00-0266)		
01 55 26 00-0268		Temporary Base Posts, 2.5 LB/LF, For Breakaway Sign Posts For Detours (01 55 26 00-0267)		
01 55 26 00-0269	EA	Temporary Base Post for 2.5 LB/LF, Breakaway Sign Post For Detours.....	108.17	
01 55 26 00-0270	EA	Temporary Lap Splice Hardware For 2.5 LB/LF, Breakaway Sign Post For Detours.....	66.86	
01 55 26 00-0271		Temporary Breakaway Sign Posts, 2.5 LB/LF For Detours (01 55 26 00-0267)		
01 55 26 00-0272	LF	Temporary Breakaway Sign Post, 2.5 LB/LF For Detours.....	12.36	

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 00-0273		Temporary 4 LB/LF Breakaway Sign Posts And Base Posts For Detours (01 55 26 00-0266)		
01 55 26 00-0274		Temporary Base Posts, 4 LB/LF, For Breakaway Sign Posts For Detours (01 55 26 00-0273)		
01 55 26 00-0275	EA	Temporary Base Post for 4 LB/LF, Breakaway Sign Post For Detours.....	111.55	
01 55 26 00-0276	EA	Temporary Lap Splice Hardware for 4 LB/LF, Breakaway Sign Post For Detours.....	66.86	
01 55 26 00-0277		Temporary Breakaway Sign Posts, 4 LB/LF For Detours (01 55 26 00-0273)		
01 55 26 00-0278	LF	Temporary Breakaway Sign Post, 4 LB/LF For Detours.....	14.45	
01 55 26 00-0279		Temporary Driven Sign Posts For Detours (01 55 26 00-0266)		
01 55 26 00-0280		Temporary Driven Posts, 2.5 LB/LF For Detours (01 55 26 00-0279)		
01 55 26 00-0281	LF	Temporary Driven Post, 2.5 LB/LF For Detours..... For Each Soil Plate, Add	14.30 3.00	
01 55 26 00-0282		Temporary Driven Posts, 4 LB/LF For Detours (01 55 26 00-0279)		
01 55 26 00-0283	LF	Temporary Driven Post, 4 LB/LF For Detours..... For Each Soil Plate, Add	17.37 3.00	
01 55 26 00-0284		Temporary Omni-Directional Breakaway System For Sign Posts And Light Poles For Detours (01 55 26 00-0266)		
01 55 26 00-0285		Temporary Omni-Directional Breakaway Systems For Signs For Detours (01 55 26 00-0284) Note: Break-Safe as manufactured by Transpo Industries. Organized by post type and size. Includes hinges, anchors, all associated parts and drilling.		
01 55 26 00-0286	EA	Temporary Omni-Directional Breakaway System For 6" To 8" Wide Flange (Transpo B525).....	1,167.81	
01 55 26 00-0287	EA	Temporary Omni-Directional Breakaway System For 10" To 21" Wide Flange (Transpo B650).....	1,244.52	
01 55 26 00-0288	EA	Temporary Omni-Directional Breakaway System For Standard I Beam Or W6x9 Flange (Transpo A14 And A16).....	853.18	
01 55 26 00-0289	EA	Temporary Omni-Directional Breakaway System For 3" To 4.5" Outside Diameter Pipe (Transpo A3 And A4.5).....	747.27	
01 55 26 00-0290	EA	Temporary Omni-Directional Breakaway System For Square Tube (Transpo AS3 And AS4).....	847.30	
01 55 26 00-0291	EA	Temporary Omni-Directional Breakaway System For U-Channels (Transpo AU4 To AU6).....	806.10	
01 55 26 00-0292	EA	Temporary Omni-Directional Breakaway System For U-Channels Embedded (Transpo AUX4 To AUX6).....	751.02	
01 55 26 00-0293		Temporary Omni-Directional Breakaway Systems For Poles For Detours (01 55 26 00-0284) Note: Pole-Safe As Manufactured By Transpo Industries. Organized by bolt size. Includes four couplings, all associated parts, drilling and can be for new or for retro-fitting existing poles.		
01 55 26 00-0294	EA	Temporary Omni-Directional Breakaway System For Poles With 5/8" Couplings.....	421.71	
01 55 26 00-0295	EA	Temporary Omni-Directional Breakaway System For Poles With 3/4" Couplings.....	442.18	
01 55 26 00-0296	EA	Temporary Omni-Directional Breakaway System For Poles With 1" Couplings.....	459.16	
01 55 26 00-0297	EA	Temporary Omni-Directional Breakaway System For Poles With 1 1/4" Couplings.....	697.19	
01 55 26 00-0298	EA	Temporary Skirt For Omni-Directional Breakaway System For Poles With Bolt Circle Diameter Of 10" To Less Than 15".....	61.22	
01 55 26 00-0299	EA	Temporary Skirt For Omni-Directional Breakaway System For Poles With Bolt Circle Diameter Of 15" To 20".....	81.63	
01 55 26 00-0300		Temporary Rumble Strips (01 55 26) Note: Includes removal after use.		
01 55 26 00-0301	LF	1/4" High, 4" Wide, Polymer Tape Temporary Rumble Strip.....	13.71	
01 55 26 00-0302	LF	1/2" High, 3-1/2" Wide, Polycarbonate Temporary Rumble Strip.....	9.90	
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.....	0.37	
01 56 16 00-0003	SF	4 Mil, Plastic Sheeting, Applied To Walls.....	0.49	
01 56 16 00-0004	SF	4 Mil, Plastic Sheeting, Applied To Ceilings.....	0.66	
01 56 16 00-0005	SF	4 Mil, Fire Retardant, Plastic Sheeting, Applied To Floors.....	0.40	
01 56 16 00-0006	SF	4 Mil, Fire Retardant, Plastic Sheeting, Applied To Walls.....	0.52	
01 56 16 00-0007	SF	4 Mil, Fire Retardant, Plastic Sheeting, Applied To Ceilings.....	0.69	
01 56 16 00-0008	SF	6 Mil, Plastic Sheeting, Applied To Floors..... Note: Includes removal after use.	0.41	
01 56 16 00-0009	SF	6 Mil, Plastic Sheeting, Applied To Walls..... Note: Includes removal after use.	0.53	
01 56 16 00-0010	SF	6 Mil, Plastic Sheeting, Applied To Ceilings..... Note: Includes removal after use.	0.70	
01 56 16 00-0011	SF	6 Mil, Plastic Sheeting, Applied To Scaffolding..... Note: Includes removal after use.	0.69	
01 56 16 00-0012	SF	6 Mil, Fire Retardant, Plastic Sheeting, Applied To Floors..... Note: Includes removal after use.	0.49	



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 00-0013 SF 6 Mil, Fire Retardant, Plastic Sheeting, Applied To Walls..... Note: Includes removal after use.	0.61	
01 56 16 00-0014 SF 6 Mil, Fire Retardant, Plastic Sheeting, Applied To Ceilings..... Note: Includes removal after use.	0.78	
01 56 16 00-0015 SF 6 Mil, Fire Retardant, Plastic Sheeting, Applied To Scaffolding..... Note: Includes removal after use.	0.73	
01 56 16 00-0016 SF 6 Mil, Fire Retardant, Anti-static, Plastic Sheeting, Applied To Floors..... Note: Includes removal after use.	0.51	
01 56 16 00-0017 SF 6 Mil, Fire Retardant, Anti-static, Plastic Sheeting, Applied To Walls..... Note: Includes removal after use.	0.63	
01 56 16 00-0018 SF 6 Mil, Fire Retardant, Anti-static, Plastic Sheeting, Applied To Ceilings..... Note: Includes removal after use.	0.80	
01 56 16 00-0019 SF 6 Mil, Fire Retardant, Anti-static, Plastic Sheeting, Applied To Scaffolding..... Note: Includes removal after use.	0.75	
01 56 16 00-0020 SF 6 Mil, Reinforced, Plastic Sheeting, Applied To Floors..... Note: Includes removal after use.	0.51	
01 56 16 00-0021 SF 6 Mil, Reinforced, Plastic Sheeting, Applied To Walls..... Note: Includes removal after use.	0.63	
01 56 16 00-0022 SF 6 Mil, Reinforced, Plastic Sheeting, Applied To Ceilings..... Note: Includes removal after use.	0.80	
01 56 16 00-0023 SF 6 Mil, Reinforced, Plastic Sheeting, Applied To Scaffolding..... Note: Includes removal after use.	0.75	
01 56 16 00-0024 SF 6 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Floors..... Note: Includes removal after use.	0.57	
01 56 16 00-0025 SF 6 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Walls..... Note: Includes removal after use.	0.69	
01 56 16 00-0026 SF 6 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Ceilings..... Note: Includes removal after use.	0.86	
01 56 16 00-0027 SF 6 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Scaffolding..... Note: Includes removal after use.	0.81	
01 56 16 00-0028 SF 10 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Scaffolding..... Note: Includes removal after use.	0.93	
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.....	1.08	
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..... Note: Includes removal after use.	21.02	
01 56 16 00-0033 LF Zip Wall Kit And ICRA Dust Control Awareness Barrier (Per LF Of Wall)..... Note: Includes up to 12' long spring loaded poles, side clamps, foam rails and 6 mil poly barrier. Excludes zip doors. Includes removal after use.	8.97	
01 56 16 00-0034 Temporary Critical Barriers 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 00-0035 EA Up To 1 SF Individual Critical Barriers For Outlets And Receptacles..... Note: Includes removal after use.	11.01	
01 56 16 00-0036 EA >1 To 4 SF Individual Critical Barriers For Diffusers, Ceiling Speakers, Return Grilles, etc..... Note: Includes removal after use.	16.71	
01 56 16 00-0037 EA >4 To 8 SF Individual Critical Barriers For Diffusers, Return Grilles, Access Doors, Light Fixtures, etc..... Note: Includes removal after use.	22.48	
01 56 16 00-0038 EA >8 To 32 SF Individual Critical Barriers For Doors, Windows, etc..... Note: Includes removal after use.	35.28	
01 56 16 00-0039 Temporary Stud Wall (01 56 16) Note: Includes removal after use.		
01 56 16 00-0040 Temporary Stud Wall With Drywall (01 56 16 00-0039) 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 00-0041 Temporary Stud Wall With Drywall (01 56 16 00-0040)		
01 56 16 00-0042 SF 3/8" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center..... Note: Includes removal after use. For Metal Studs 24" On Center, Add/Deduct	5.99 0.65	
01 56 16 00-0043 SF 1/2" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center..... Note: Includes removal after use. For Metal Studs 24" On Center, Add/Deduct	5.99 0.65	
01 56 16 00-0044 SF 5/8" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center..... Note: Includes removal after use. For Metal Studs 24" On Center, Add/Deduct	6.12 0.65	
01 56 16 00-0045 SF 3/8" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center..... Note: Includes removal after use. For Metal Studs 24" On Center, Add/Deduct	8.39 0.74	
01 56 16 00-0046 SF 1/2" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center..... Note: Includes removal after use. For Metal Studs 24" On Center, Add/Deduct	8.39 0.74	

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 16 00-0047	SF	5/8" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use. <i>For Metal Studs 24" On Center, Add/Deduct</i>	8.65 0.74	
01 56 16 00-0048		Temporary Stud Wall With Fire Rated Drywall (01 56 16 00-0040)		
01 56 16 00-0049	SF	1/2" Type C Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use. <i>For Metal Studs 24" On Center, Add/Deduct</i>	6.14 0.65	
01 56 16 00-0050	SF	5/8" Type C Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use. <i>For Metal Studs 24" On Center, Add/Deduct</i>	6.18 0.65	
01 56 16 00-0051	SF	5/8" Type X Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use. <i>For Metal Studs 24" On Center, Add/Deduct</i>	6.10 0.65	
01 56 16 00-0052	SF	3/4" Fire Rated (Sheetrock® Ultracode®) Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use. <i>For Metal Studs 24" On Center, Add/Deduct</i>	7.12 0.65	
01 56 16 00-0053	SF	1/2" Type C Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use. <i>For Metal Studs 24" On Center, Add/Deduct</i>	8.69 0.74	
01 56 16 00-0054	SF	5/8" Type C Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use. <i>For Metal Studs 24" On Center, Add/Deduct</i>	8.78 0.74	
01 56 16 00-0055	SF	5/8" Type X Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use. <i>For Metal Studs 24" On Center, Add/Deduct</i>	8.62 0.74	
01 56 16 00-0056	SF	3/4" Fire Rated (Sheetrock® Ultracode®) Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use. <i>For Metal Studs 24" On Center, Add/Deduct</i>	10.66 0.74	
01 56 16 00-0057		Temporary Stud Wall With Oriented Strand Board (OSB) (01 56 16 00-0039)		
		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 00-0058	SF	7/16" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use. <i>For Metal Studs 24" On Center, Add/Deduct</i>	5.81 0.65	
01 56 16 00-0059	SF	1/2" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use. <i>For Metal Studs 24" On Center, Add/Deduct</i>	5.87 0.65	
01 56 16 00-0060	SF	5/8" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use. <i>For Metal Studs 24" On Center, Add/Deduct</i>	6.03 0.65	
01 56 16 00-0061	SF	3/4" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use. <i>For Metal Studs 24" On Center, Add/Deduct</i>	6.11 0.65	
01 56 16 00-0062	SF	7/16" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use. <i>For Metal Studs 24" On Center, Add/Deduct</i>	8.05 0.74	
01 56 16 00-0063	SF	1/2" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use. <i>For Metal Studs 24" On Center, Add/Deduct</i>	8.16 0.74	
01 56 16 00-0064	SF	5/8" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use. <i>For Metal Studs 24" On Center, Add/Deduct</i>	8.47 0.74	
01 56 16 00-0065	SF	3/4" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use. <i>For Metal Studs 24" On Center, Add/Deduct</i>	8.64 0.74	
01 56 16 00-0066		Temporary Stud Wall With BC Plywood (01 56 16 00-0039)		
		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 00-0067	SF	3/8" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use. <i>For Metal Studs 24" On Center, Add/Deduct</i>	6.19 0.65	
01 56 16 00-0068	SF	1/2" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use. <i>For Metal Studs 24" On Center, Add/Deduct</i>	6.39 0.65	
01 56 16 00-0069	SF	5/8" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use. <i>For Metal Studs 24" On Center, Add/Deduct</i>	6.64 0.65	
01 56 16 00-0070	SF	3/4" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use. <i>For Metal Studs 24" On Center, Add/Deduct</i>	6.81 0.65	
01 56 16 00-0071	SF	3/8" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use. <i>For Metal Studs 24" On Center, Add/Deduct</i>	8.79 0.74	
01 56 16 00-0072	SF	1/2" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use. <i>For Metal Studs 24" On Center, Add/Deduct</i>	9.19 0.74	



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 00-0073	SF	5/8" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	9.69	
		<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.74	
01 56 16 00-0074	SF	3/4" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	10.04	
		<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.74	
01 56 16 00-0075		Temporary Stud Wall With Plastic Sheeting (01 56 16 00-0039) Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, 6 Mil plastic sheathing, and removal after use.		
01 56 16 00-0076	SF	6 Mil, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	3.35	
		<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.35	
01 56 16 00-0077	SF	6 Mil, Fire Retardant, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	3.43	
		<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.55	
01 56 16 00-0078	SF	6 Mil, Fire Retardant, Anti-static, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	3.45	
		<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.55	
01 56 16 00-0079	SF	6 Mil, Reinforced, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	3.44	
		<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.55	
01 56 16 00-0080	SF	6 Mil, Fire Retardant, Reinforced, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center Note: Includes removal after use.	3.51	
		<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.55	
01 56 16 00-0081		14' High Temporary Stud Walls (01 56 16 00-0039)		
01 56 16 00-0082	LF	14' High Temporary Stud Wall 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.	147.88	
01 56 16 00-0083		Temporary Doors (01 56 16 00-0039) Note: For temporary stud walls. Includes removal after use.		
01 56 16 00-0084	EA	Temporary Metal Door And Frame Note: Painted with panic hardware, lockset, threshold and smoke seals. Remove after use.	579.11	
01 56 16 00-0085		Temporary Floor Protection (01 56 16) Note: Includes removal after use.		
01 56 16 00-0086	SF	1/8" Thick, Masonite For Temporary Floor Protection Note: Includes removal after use.	1.66	
01 56 16 00-0087	SF	1/2" Thick, Plywood For Temporary Floor Protection Note: Includes removal after use.	1.69	
01 56 16 00-0088	SF	3/4" Thick, Plywood For Temporary Floor Protection Note: Includes removal after use.	2.00	
01 56 16 00-0089	LF	38" Wide, 46 Mil Fiberboard, Ram Board® For Temporary Floor Protection Note: Includes removal after use.	1.07	
01 56 16 00-0090	LF	36" Wide, 9 Mil, Regular Weight Red Rosin Paper, For Temporary Floor Protection Note: Includes removal after use.	0.36	
01 56 16 00-0091	CSF	3 Mil, Temporary Self-adhesive Carpet Protection Film Note: Includes removal after use.	27.80	
01 56 16 00-0092	SF	Burlap For Temporary Floor Protection Note: Includes removal after use.	0.78	
01 56 16 00-0093		Sticky Mats (01 56 16) Note: Includes removal after use.		
01 56 16 00-0094	EA	18" x 36", 30 Layer Sticky Mat Note: Includes removal after use.	37.98	
		<i>For 60 Layers Instead Of 30, Add</i>	24.84	
01 56 16 00-0095	EA	18" x 46", 30 Layer Sticky Mat Note: Includes removal after use.	43.50	
		<i>For 60 Layers Instead Of 30, Add</i>	28.98	
01 56 16 00-0096	EA	24" x 36", 30 Layer Sticky Mat Note: Includes removal after use.	43.50	
		<i>For 60 Layers Instead Of 30, Add</i>	28.98	
01 56 16 00-0097	EA	25" x 45", 30 Layer Sticky Mat Note: Includes removal after use.	57.30	
		<i>For 60 Layers Instead Of 30, Add</i>	39.33	
01 56 16 00-0098	EA	36" x 36", 30 Layer Sticky Mat Note: Includes removal after use.	62.82	
		<i>For 60 Layers Instead Of 30, Add</i>	43.47	
01 56 16 00-0099	EA	36" x 46", 30 Layer Sticky Mat Note: Includes removal after use.	68.34	
		<i>For 60 Layers Instead Of 30, Add</i>	47.61	
01 56 16 00-0100	EA	36" x 60", 30 Layer Sticky Mat Note: Includes removal after use.	137.34	
		<i>For 60 Layers Instead Of 30, Add</i>	99.36	
01 56 16 00-0101	EA	36" x 72", 30 Layer Sticky Mat Note: Includes removal after use.	163.83	

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 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 13-0082 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.....	7.12
	For >100 To 250, Deduct	-0.16
	For >250 To 500, Deduct	-0.32
	For >500, Deduct	-0.48
	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.....	7.91
	For >100 To 250, Deduct	-0.18
	For >250 To 500, Deduct	-0.36
	For >500, Deduct	-0.55
	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.....	10.83
	For >100 To 250, Deduct	-0.31
	For >250 To 500, Deduct	-0.62
	For >500, Deduct	-0.92
	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.....	23.47
	For >100 To 250, Deduct	-0.92
	For >250 To 500, Deduct	-1.83
	For >500, Deduct	-2.75
	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.....	7.45
	For >100 To 250, Deduct	-0.18
	For >250 To 500, Deduct	-0.36
	For >500, Deduct	-0.53
	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.....	8.27
	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	2.55
01 56 26 00-0011	LF Temporary 8' High Chain Link Fence And Posts, >6 To 12 Months.....	11.44
	For >100 To 250, Deduct	-0.34
	For >250 To 500, Deduct	-0.68
	For >500, Deduct	-1.02
	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.....	25.29
	For >100 To 250, Deduct	-1.01
	For >250 To 500, Deduct	-2.01
	For >500, Deduct	-3.02
	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.....	7.81
	For >100 To 250, Deduct	-0.20
	For >250 To 500, Deduct	-0.39
	For >500, Deduct	-0.59
	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.....	8.69
	For >100 To 250, Deduct	-0.22
	For >250 To 500, Deduct	-0.44
	For >500, Deduct	-0.66
	For Each LF Shade Cloth, Add	2.55
01 56 26 00-0016	LF Temporary 8' High Chain Link Fence And Posts, >12 To 18 Months.....	12.13
	For >100 To 250, Deduct	-0.37
	For >250 To 500, Deduct	-0.75
	For >500, Deduct	-1.12
	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.....	27.31
	For >100 To 250, Deduct	-1.11
	For >250 To 500, Deduct	-2.22
	For >500, Deduct	-3.32
	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.....	8.20
	For >100 To 250, Deduct	-0.22
	For >250 To 500, Deduct	-0.43
	For >500, Deduct	-0.65
	For Each LF Shade Cloth, Add	1.60



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 26 00-0020 LF Temporary 6' High Chain Link Fence And Posts, >18 Months For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct For Each LF Shade Cloth, Add	9.10 -0.24 -0.48 -0.72 2.55	
01 56 26 00-0021 LF Temporary 8' High Chain Link Fence And Posts, >18 Months For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct For Each LF Shade Cloth, Add	12.86 -0.41 -0.82 -1.23 3.60	
01 56 26 00-0022 LF Temporary 10' High Chain Link Fence And Posts, >18 Months..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct For Each LF Shade Cloth, Add	29.51 -1.22 -2.44 -3.65 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 13-0082 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..... For Each LF Shade Cloth, Add	278.73 15.37	
01 56 26 00-0027 EA 10' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months..... For Each LF Shade Cloth, Add	475.69 38.42	
01 56 26 00-0028 EA 12' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months..... For Each LF Shade Cloth, Add	532.12 46.10	
01 56 26 00-0029 EA 15' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months..... For Each LF Shade Cloth, Add	606.04 57.63	
01 56 26 00-0030 EA 20' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months..... For Each LF Shade Cloth, Add	725.22 76.84	
01 56 26 00-0031 EA 24' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months..... For Each LF Shade Cloth, Add	808.01 92.20	
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..... For Each LF Shade Cloth, Add	298.77 24.49	
01 56 26 00-0034 EA 10' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months..... For Each LF Shade Cloth, Add	514.54 61.23	
01 56 26 00-0035 EA 12' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months..... For Each LF Shade Cloth, Add	576.93 73.47	
01 56 26 00-0036 EA 15' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months..... For Each LF Shade Cloth, Add	669.49 91.84	
01 56 26 00-0037 EA 20' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months..... For Each LF Shade Cloth, Add	808.86 122.46	
01 56 26 00-0038 EA 24' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months..... For Each LF Shade Cloth, Add	919.46 146.95	
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..... For Each LF Shade Cloth, Add	333.89 34.58	
01 56 26 00-0041 EA 10' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months..... For Shade Cloth, Add	590.79 86.44	
01 56 26 00-0042 EA 12' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months..... For Shade Cloth, Add	660.10 103.73	
01 56 26 00-0043 EA 15' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months..... For Shade Cloth, Add	756.26 129.66	
01 56 26 00-0044 EA 20' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months..... For Shade Cloth, Add	924.25 172.88	
01 56 26 00-0045 EA 24' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months..... For Shade Cloth, Add	1,075.52 207.46	
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..... For Each LF Shade Cloth, Add	403.86 45.62	
01 56 26 00-0048 EA 10' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months..... For Each LF Shade Cloth, Add	707.14 114.05	
01 56 26 00-0049 EA 12' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months..... For Each LF Shade Cloth, Add	791.75 136.86	
01 56 26 00-0050 EA 15' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months..... For Each LF Shade Cloth, Add	905.71 171.08	
01 56 26 00-0051 EA 20' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months..... For Each LF Shade Cloth, Add	1,107.19 228.10	
01 56 26 00-0052 EA 24' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months..... For Each LF Shade Cloth, Add	1,282.40 273.73	
01 56 26 00-0053 Temporary Chain Link Fence Gates, >6 To 12 Months (01 56 26 00-0023)		

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 00-0054		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	289.02	
		For Each LF Shade Cloth, Add	15.37	
01 56 26 00-0056	EA	10' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	491.70	
		For Each LF Shade Cloth, Add	38.42	
01 56 26 00-0057	EA	12' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	550.41	
		For Each LF Shade Cloth, Add	46.10	
01 56 26 00-0058	EA	15' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	626.62	
		For Each LF Shade Cloth, Add	57.63	
01 56 26 00-0059	EA	20' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	750.37	
		For Each LF Shade Cloth, Add	76.84	
01 56 26 00-0060	EA	24' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months	835.46	
		For Each LF Shade Cloth, Add	92.20	
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	309.53	
		For Each LF Shade Cloth, Add	24.49	
01 56 26 00-0063	EA	10' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	531.28	
		For Each LF Shade Cloth, Add	61.23	
01 56 26 00-0064	EA	12' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	596.06	
		For Each LF Shade Cloth, Add	73.47	
01 56 26 00-0065	EA	15' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	691.00	
		For Each LF Shade Cloth, Add	91.84	
01 56 26 00-0066	EA	20' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	835.15	
		For Each LF Shade Cloth, Add	122.46	
01 56 26 00-0067	EA	24' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months	948.15	
		For Each LF Shade Cloth, Add	146.95	
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	345.72	
		For Each LF Shade Cloth, Add	34.58	
01 56 26 00-0070	EA	10' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	609.20	
		For Shade Cloth, Add	86.44	
01 56 26 00-0071	EA	12' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	681.14	
		For Shade Cloth, Add	103.73	
01 56 26 00-0072	EA	15' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	779.93	
		For Shade Cloth, Add	129.66	
01 56 26 00-0073	EA	20' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	953.18	
		For Shade Cloth, Add	172.88	
01 56 26 00-0074	EA	24' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months	1,107.07	
		For Shade Cloth, Add	207.46	
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	418.65	
		For Each LF Shade Cloth, Add	45.62	
01 56 26 00-0077	EA	10' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	730.15	
		For Each LF Shade Cloth, Add	114.05	
01 56 26 00-0078	EA	12' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	818.04	
		For Each LF Shade Cloth, Add	136.86	
01 56 26 00-0079	EA	15' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	935.29	
		For Each LF Shade Cloth, Add	171.08	
01 56 26 00-0080	EA	20' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	1,143.35	
		For Each LF Shade Cloth, Add	228.10	
01 56 26 00-0081	EA	24' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months	1,321.85	
		For Each LF Shade Cloth, Add	273.73	
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 56 26 00-0084	EA	4' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	299.82	
		For Each LF Shade Cloth, Add	15.37	
01 56 26 00-0085	EA	10' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	508.50	
		For Each LF Shade Cloth, Add	38.42	
01 56 26 00-0086	EA	12' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	569.62	
		For Each LF Shade Cloth, Add	46.10	
01 56 26 00-0087	EA	15' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	648.23	
		For Each LF Shade Cloth, Add	57.63	
01 56 26 00-0088	EA	20' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	776.78	
		For Each LF Shade Cloth, Add	76.84	
01 56 26 00-0089	EA	24' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months	864.27	
		For Each LF Shade Cloth, Add	92.20	
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	320.82	
		For Each LF Shade Cloth, Add	24.49	
01 56 26 00-0092	EA	10' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	548.85	
		For Each LF Shade Cloth, Add	61.23	



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

MINOR		DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
CSI	UOM			
01 56 26 00-0093	EA	12' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	616.14	
		For Each LF Shade Cloth, Add	73.47	
01 56 26 00-0094	EA	15' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	713.60	
		For Each LF Shade Cloth, Add	91.84	
01 56 26 00-0095	EA	20' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	862.77	
		For Each LF Shade Cloth, Add	122.46	
01 56 26 00-0096	EA	24' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months	978.28	
		For Each LF Shade Cloth, Add	146.95	
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	358.15	
		For Each LF Shade Cloth, Add	34.58	
01 56 26 00-0099	EA	10' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	628.53	
		For Shade Cloth, Add	86.44	
01 56 26 00-0100	EA	12' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	703.23	
		For Shade Cloth, Add	103.73	
01 56 26 00-0101	EA	15' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	804.78	
		For Shade Cloth, Add	129.66	
01 56 26 00-0102	EA	20' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	983.55	
		For Shade Cloth, Add	172.88	
01 56 26 00-0103	EA	24' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	1,140.21	
		For Shade Cloth, Add	207.46	
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	434.18	
		For Each LF Shade Cloth, Add	45.62	
01 56 26 00-0106	EA	10' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	754.31	
		For Each LF Shade Cloth, Add	114.05	
01 56 26 00-0107	EA	12' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	845.66	
		For Each LF Shade Cloth, Add	136.86	
01 56 26 00-0108	EA	15' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	966.36	
		For Each LF Shade Cloth, Add	171.08	
01 56 26 00-0109	EA	20' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	1,181.32	
		For Each LF Shade Cloth, Add	228.10	
01 56 26 00-0110	EA	24' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	1,363.27	
		For Each LF Shade Cloth, Add	273.73	
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	310.63	
		For Each LF Shade Cloth, Add	15.37	
01 56 26 00-0114	EA	10' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	525.31	
		For Each LF Shade Cloth, Add	38.42	
01 56 26 00-0115	EA	12' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	588.83	
		For Each LF Shade Cloth, Add	46.10	
01 56 26 00-0116	EA	15' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	669.84	
		For Each LF Shade Cloth, Add	57.63	
01 56 26 00-0117	EA	20' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	803.19	
		For Each LF Shade Cloth, Add	76.84	
01 56 26 00-0118	EA	24' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	893.08	
		For Each LF Shade Cloth, Add	92.20	
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	332.12	
		For Each LF Shade Cloth, Add	24.49	
01 56 26 00-0121	EA	10' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	566.42	
		For Each LF Shade Cloth, Add	61.23	
01 56 26 00-0122	EA	12' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	636.22	
		For Each LF Shade Cloth, Add	73.47	
01 56 26 00-0123	EA	15' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	736.19	
		For Each LF Shade Cloth, Add	91.84	
01 56 26 00-0124	EA	20' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	890.38	
		For Each LF Shade Cloth, Add	122.46	
01 56 26 00-0125	EA	24' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	1,008.40	
		For Each LF Shade Cloth, Add	146.95	
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	370.58	
		For Each LF Shade Cloth, Add	34.58	
01 56 26 00-0128	EA	10' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	647.85	
		For Shade Cloth, Add	86.44	
01 56 26 00-0129	EA	12' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	725.32	
		For Shade Cloth, Add	103.73	
01 56 26 00-0130	EA	15' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	829.63	
		For Shade Cloth, Add	129.66	
01 56 26 00-0131	EA	20' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	1,013.93	
		For Shade Cloth, Add	172.88	

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 00-0132	EA		24' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months <i>For Shade Cloth, Add</i>	1,173.34 207.46	
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 <i>For Each LF Shade Cloth, Add</i>	449.72 45.62	
01 56 26 00-0135	EA		10' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months <i>For Each LF Shade Cloth, Add</i>	778.47 114.05	
01 56 26 00-0136	EA		12' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months <i>For Each LF Shade Cloth, Add</i>	873.27 136.86	
01 56 26 00-0137	EA		15' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months <i>For Each LF Shade Cloth, Add</i>	997.42 171.08	
01 56 26 00-0138	EA		20' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months <i>For Each LF Shade Cloth, Add</i>	1,219.28 228.10	
01 56 26 00-0139	EA		24' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months <i>For Each LF Shade Cloth, Add</i>	1,404.69 273.73	
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 <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i> <i>For Each LF Shade Cloth, Add</i>	7.76 -0.19 -0.39 -0.58 1.60	
01 56 26 00-0143	LF		Temporary 6' High Chain Link Fence Panels (Portable), Up To 6 Months <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i> <i>For Each LF Shade Cloth, Add</i>	8.61 -0.22 -0.43 -0.65 2.55	
01 56 26 00-0144	LF		Temporary 8' High Chain Link Fence Panels (Portable), Up To 6 Months <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i> <i>For Each LF Shade Cloth, Add</i>	11.66 -0.35 -0.70 -1.05 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 <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i> <i>For Each LF Shade Cloth, Add</i>	8.09 -0.21 -0.42 -0.63 1.60	
01 56 26 00-0147	LF		Temporary 6' High Chain Link Fence Panels (Portable), >6 To 12 Months <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i> <i>For Each LF Shade Cloth, Add</i>	8.96 -0.23 -0.47 -0.70 2.55	
01 56 26 00-0148	LF		Temporary 8' High Chain Link Fence Panels (Portable), >6 To 12 Months <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i> <i>For Each LF Shade Cloth, Add</i>	12.26 -0.38 -0.76 -1.14 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 <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i> <i>For Each LF Shade Cloth, Add</i>	8.42 -0.23 -0.45 -0.68 1.60	
01 56 26 00-0151	LF		Temporary 6' High Chain Link Fence Panels (Portable), >12 To 18 Months <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i> <i>For Each LF Shade Cloth, Add</i>	9.38 -0.26 -0.51 -0.77 2.55	
01 56 26 00-0152	LF		Temporary 8' High Chain Link Fence Panels (Portable), >12 To 18 Months <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i> <i>For Each LF Shade Cloth, Add</i>	12.95 -0.41 -0.83 -1.24 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 <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i> <i>For Each LF Shade Cloth, Add</i>	8.83 -0.25 -0.49 -0.74 1.60	



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
01 56 26 00-0155	LF		Temporary 6' High Chain Link Fence Panels (Portable), >18 Months 9.79 For >100 To 250, Deduct .....-0.28 For >250 To 500, Deduct .....-0.55 For >500, Deduct .....-0.83 For Each LF Shade Cloth, Add 2.55		
01 56 26 00-0156	LF		Temporary 8' High Chain Link Fence Panels (Portable), >18 Months 13.67 For >100 To 250, Deduct .....-0.45 For >250 To 500, Deduct .....-0.90 For >500, Deduct .....-1.35 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 7.34 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 3.49		
01 56 26 00-0162	LF		Relocate Temporary 6' High Chain Link Fence And Posts 5.22		
01 56 26 00-0163	LF		Relocate Temporary 8' High Chain Link Fence And Posts 7.54		
01 56 26 00-0164	LF		Relocate Temporary 10' High Chain Link Fence And Posts 9.28		
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 0.97		
01 56 26 00-0167	LF		Relocate Temporary 6' High Chain Link Fence Panel, Self Standing 1.16		
01 56 26 00-0168	LF		Relocate Temporary 8' High Chain Link Fence Panel, Self Standing 1.31		
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 126.36		
01 56 26 00-0171	EA		Relocate Temporary 6' High Chain Link Vehicle Gate And Posts 145.80		
01 56 26 00-0172	EA		Relocate Temporary 8' High Chain Link Vehicle Gate And Posts 179.83		
01 56 26 00-0173	EA		Relocate Temporary 10' High Chain Link Vehicle Gate And Posts 194.41		
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 232.63 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 331.70 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 430.78 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 550.23 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 639.57 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 733.79 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 3.63		
01 56 29			Temporary Protective Walkways (01 56)		
01 56 29 00-0001			Temporary Sidewalk Bridge Protection (01 56 29)		
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 168.19 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 4.28		
01 56 29 00-0005			Monthly Rental of Sidewalk Bridge (01 56 29 00-0001)		

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 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.....	15.04	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add	2.26	
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.....	16.94	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add	2.54	
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.....	18.82	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add	2.82	
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.....	18.82	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add	2.82	
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.....	20.68	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add	3.10	
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.....	24.48	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add	3.67	
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.....	22.60	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add	3.39	
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.....	26.36	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add	3.95	
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.....	28.20	
		Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
		For 3 Post System, Add	4.23	
01 56 29 00-0015	LF	Monthly Rental of Netting for Sidewalk Bridge.....	2.82	
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.....	35.01	
		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.....	2.14	
01 56 29 00-0019		Temporary Safety Nets (01 56 29)		
		Note: Includes removal after use.		
01 56 29 00-0020	SF	Small Mesh Debris Netting.....	2.31	
		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	OPNG	Removal Of Protective Barrier To Allow Work In Building, Reseal At End Of Day, Per Opening Per Day.....	14.59	
01 56 33 00-0003	SF	5/8" Thick Plywood, 2" x 4" Wood Stud Framing And Fasteners, For Board-Up Opening.....	8.10	
01 56 33 00-0004	SF	3/4" Thick Plywood, 2" x 4" Wood Stud Framing And Fasteners, For Board-Up Opening.....	9.37	
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.....	14.05	
01 56 33 00-0007	WK	3-1/2' x 7-1/2' Galvanized Steel Pedestrian Barricade, Rental.....	34.12	
01 56 33 00-0008	MO	3-1/2' x 7-1/2' Galvanized Steel Pedestrian Barricade, Rental.....	102.37	
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.....	209.00	
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.....	247.09	
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.....	268.39	

01 57 Temporary Controls (01 50)



General Requirements			01
Temporary Facilities and Controls			01 50
Temporary Controls			01 57

MINOR		TOTAL DIRECT		DEMOLITION	
CSI UOM DESCRIPTION		UNIT COST		UNIT COST	
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)	111.93		
01 57 23 00-0003	EA	36" x 48" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9217)	109.86		
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)	138.95		
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)	136.86		
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)	168.03		
Note: Up to 2.06 gallons oil, up to 40 lbs sediment.					
01 57 26 Site Watering for Dust Control (01 57)					
01 57 26 00-0001 Site Watering for Dust Control (01 57 26)					
01 57 26 00-0002	MSF	Apply Synthetic, Liquid Dust Suppression Fluid With GTL Technology (Soil Works Durasoil)	114.96		
Note: GTL (Gas-to-Liquid)					
01 57 26 00-0003	MSF	Apply 2% Solution Of Biodegradable, Liquid Copolymer Dust Suppression Fluid To Ground (Soil Works Gorilla-Snot)	42.89		
01 57 26 00-0004	MSF	Apply 4% Solution Of Biodegradable, Liquid Copolymer Dust Suppression Fluid To Ground (Soil Works Gorilla-Snot)	64.57		
01 57 26 00-0005	MSF	Apply 8% Solution Of Biodegradable, Liquid Copolymer Dust Suppression Fluid To Ground (Soil Works Gorilla-Snot)	107.94		
01 57 26 00-0006	MSF	Apply 12% Solution Of Biodegradable, Liquid Copolymer Dust Suppression Fluid To Ground (Soil Works Gorilla-Snot)	151.31		
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	177.88	26.74	
For High-Intensity Grade, Add			43.54		
For Diamond Grade, Add			83.98		
01 58 13 00-0006	EA	>8 To 16 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign	304.73	27.95	
For High-Intensity Grade, Add			87.09		
For Diamond Grade, Add			167.96		
01 58 13 00-0007	EA	>16 To 24 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign	431.57	29.16	
For High-Intensity Grade, Add			130.63		
For Diamond Grade, Add			251.94		
01 58 13 00-0008	EA	>24 To 32 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign	558.42	30.38	
For High-Intensity Grade, Add			174.18		
For Diamond Grade, Add			335.92		
01 58 13 00-0009	SF	>32 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign	17.50	0.97	
For High-Intensity Grade, Add			5.44		
For Diamond Grade, Add			10.50		
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	222.27	26.74	
01 58 13 00-0013	EA	>8 To 16 SF, One Or Two Color Design, Non-Reflectorized, MDO Plywood Sign	264.99	27.95	
01 58 13 00-0014	EA	>16 To 24 SF, One Or Two Color Design, Non-Reflectorized, MDO Plywood Sign	331.67	29.16	
01 58 13 00-0015	EA	>24 To 32 SF, One Or Two Color Design, Non-Reflectorized, MDO Plywood Sign	394.64	30.38	
01 58 13 00-0016	SF	>32 SF, One Or Two Color Design, Non-Reflectorized, MDO Plywood Sign	12.38	0.97	
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	227.02	26.74	
01 58 13 00-0019	EA	>8 To 16 SF, Full Color Design, Non-Reflectorized, MDO Plywood Sign	290.60	27.95	
01 58 13 00-0020	EA	>16 To 24 SF, Full Color Design, Non-Reflectorized, MDO Plywood Sign	357.70	29.16	
01 58 13 00-0021	EA	>24 To 32 SF, Full Color Design, Non-Reflectorized, MDO Plywood Sign	416.95	30.38	
01 58 13 00-0022	SF	>32 SF, Full Color Design, Non-Reflectorized, MDO Plywood Sign	13.08	0.97	
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	General Requirements
01 50	Temporary Facilities and Controls
01 58	Project Identification



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 58 13 00-0024	LF	Galvanized Metal Channel Sign Posts.....	15.42	
01 58 13 00-0025	LF	4" x 4" Pressure Treated Wood Sign Posts	12.33	
01 58 13 00-0026	LF	4" x 6" Pressure Treated Wood Sign Posts	15.24	
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.....	97.21	

01 60 Product Requirements (01)

01 65 Product Delivery Requirements (01 60)

01 65 00 00-0001		Helicopter Lift (01 65)		
		Note: Includes Helicopter, Crew, Permits, Fuel And Clearances		
01 65 00 00-0002	DAY	Helicopter Lift <3,500Lbs	35,872.31	
		Note: Maximum of (3) Operations, Helicopter Crew, Helicopter, Rigging. Includes Day Permit for FAA Permit, Street Closure fees and Right of way. Signage, Safety Rigging Landing Plan. Clearing, Cleaning and Delineation of Landing Zone, Drop Zone, and Alternate landing Area. Delineation and closure of Ingress Egress routes.		
		For Weekend Day Usage, Add	3,500.00	

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.....	18.69	
		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	12.15	
		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'	7.59	
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	18.69	
		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	12.15	
		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'	7.59	
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.....	1.21	
		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	299.47	
01 66 23 00-0003	MO	10' x 10', Climate And Humidity Controlled Storage Facility	335.50	
01 66 23 00-0004	MO	10' x 20', Climate And Humidity Controlled Storage Facility	616.96	
01 66 23 00-0005	MO	15' x 15', Climate And Humidity Controlled Storage Facility	758.82	
01 66 23 00-0006	MO	10' x 30', Climate And Humidity Controlled Storage Facility	972.73	

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. Per each mobilization delivery.		



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 13 00-0002	EA		Equipment Delivery, Pickup, Mobilization And Demobilization Using A Rollback Flatbed Truck 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.	475.39	
01 71 13 00-0003	MI		>25 Miles, Equipment Delivery And Pickup Using A Rollback Flatbed Truck Note: Excludes first 25 miles.	5.08	
01 71 13 00-0004	EA		Equipment Delivery, Pickup, Mobilization And Demobilization Using A Tractor Trailer With Up To 53' Bed..... 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.	1,511.41	
01 71 13 00-0005	MI		>25 Miles, Equipment Delivery And Pickup Using A Tractor Trailer With Up To 53' Bed Note: Excludes first 25 miles.	12.09	
01 71 13 00-0006			Crane Delivery, Pickup, Mobilization And Demobilization (01 71 13) Note: Includes delivery of equipment, off loading on site and rigging. Pick-up (return) includes dismantling, loading and transporting away. Excludes flagman for traffic control where necessary.		
01 71 13 00-0007	EA		Up To 20 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	507.09	
			For >30 To 60 Miles Radius, Add	126.77	
			For >60 To 100 Miles Radius, Add	202.84	
01 71 13 00-0008	EA		>20 To 40 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	824.01	
			For >30 To 60 Miles Radius, Add	206.00	
			For >60 To 100 Miles Radius, Add	329.60	
01 71 13 00-0009	EA		>40 To 70 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	1,140.95	
			For >30 To 60 Miles Radius, Add	285.24	
			For >60 To 100 Miles Radius, Add	456.38	
01 71 13 00-0010	EA		>70 To 110 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	1,838.19	
			For >30 To 60 Miles Radius, Add	459.55	
			For >60 To 100 Miles Radius, Add	735.28	
01 71 13 00-0011	EA		>110 To 125 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	2,307.25	
			For >30 To 60 Miles Radius, Add	576.81	
			For >60 To 100 Miles Radius, Add	922.90	
01 71 13 00-0012	EA		>125 To 150 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	2,871.38	
			For >30 To 60 Miles Radius, Add	717.85	
			For >60 To 100 Miles Radius, Add	1,148.55	
01 71 13 00-0013	EA		>150 To 185 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	3,308.74	
			For >30 To 60 Miles Radius, Add	827.19	
			For >60 To 100 Miles Radius, Add	1,323.50	
01 71 13 00-0014	EA		>185 To 210 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup.	3,701.75	
			For >30 To 60 Miles Radius, Add	925.44	
			For >60 To 100 Miles Radius, Add	1,480.70	
01 71 13 00-0015	EA		75 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup.	1,964.97	
			For >30 To 60 Miles Radius, Add	491.24	
			For >60 To 100 Miles Radius, Add	785.99	
01 71 13 00-0016	EA		100 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup.	3,105.92	
			For >30 To 60 Miles Radius, Add	776.48	
			For >60 To 100 Miles Radius, Add	1,242.37	
01 71 13 00-0017	EA		125 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup.	3,929.93	
			For >30 To 60 Miles Radius, Add	982.48	
			For >60 To 100 Miles Radius, Add	1,571.97	
01 71 13 00-0018	EA		150 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup.	4,880.72	
			For >30 To 60 Miles Radius, Add	1,220.18	
			For >60 To 100 Miles Radius, Add	1,952.29	
01 71 13 00-0019	EA		200 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup.	6,085.06	
			For >30 To 60 Miles Radius, Add	1,521.27	
			For >60 To 100 Miles Radius, Add	2,434.02	
01 71 13 00-0020	EA		250 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup.	7,099.23	
			For >30 To 60 Miles Radius, Add	1,774.81	
			For >60 To 100 Miles Radius, Add	2,839.69	
01 71 13 00-0021	EA		300 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup.	10,141.76	
			For >30 To 60 Miles Radius, Add	2,535.44	
			For >60 To 100 Miles Radius, Add	4,056.70	
01 71 13 00-0022	EA		500 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup.	13,906.89	
			For >30 To 60 Miles Radius, Add	3,476.72	
			For >60 To 100 Miles Radius, Add	5,562.76	

10	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 23 Field Engineering (01 71)

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.....	1,302.57	
01 71 23 16-0003	ACR	Conventional Topographic Survey Of Clear Area With Medium Height Vegetation, Few Trees (<5% Buildings).....	3,662.22	
01 71 23 16-0004	ACR	Conventional Topographic Survey Of Clear Area With Few Structures, And/or Wooded (5-25% Buildings).....	5,259.70	
01 71 23 16-0005	ACR	Conventional Topographic Survey Of Developed Areas With Several Structures (25-65% Buildings).....	7,904.63	
01 71 23 16-0006	ACR	Conventional Topographic Survey Of Highly Developed Areas, Sidewalks, Etcetera (>65% Buildings).....	9,894.63	

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	2.90	
01 71 23 16-0009	LF	Survey Property Lines On Slightly Wooded Land	3.37	
01 71 23 16-0010	LF	Survey Property Lines On Wooded Land.....	3.94	

01 71 23 16-0011

Survey Monument (01 71 23 16)

01 71 23 16-0012	EA	3' Precast Survey Monument.....	203.87	
		<i>For Owner Furnished Monument, Deduct</i>	-81.99	
01 71 23 16-0013	EA	Precast Survey Monument Box With Cast Iron Frame And Cover.....	305.01	
01 71 23 16-0014	EA	Riser Ring For Survey Monument.....	157.10	
01 71 23 16-0015	EA	Adjust Survey Monument Cover To Grade.....	245.96	

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).....	8.02	

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.....	6,747.59	

01 71 23 16-0020

GPR Bridge Deck And Pavement Inspection (01 71 23 16)

01 71 23 16-0021

GPR Bridge Deck And Pavement Inspection Mobilization Fee (01 71 23 16-0020)

Note: One mobilization per project.

01 71 23 16-0022	EA	GPR Bridge Deck And Pavement Inspection Mobilization Fee.....	4,090.82	

01 71 23 16-0023

Bridge Deck Delamination Survey, GPR Bridge Deck Inspection (01 71 23 16-0020)

Note: Each project will use the Survey Fee task with a quantity of 1 and one other task for the area of the bridge deck surveyed.

01 71 23 16-0024	EA	Survey Fee, Bridge Deck Delamination Survey, GPR Bridge Deck Inspection.....	2,925.60	
01 71 23 16-0025	SF	Up To 5,000 SF, Bridge Deck Delamination Survey, GPR Bridge Deck Inspection.....	1.23	
01 71 23 16-0026	SF	>5,000 To 10,000 SF, Bridge Deck Delamination Survey, GPR Bridge Deck Inspection	0.98	
01 71 23 16-0027	SF	>10,000 To 25,000 SF, Bridge Deck Delamination Survey, GPR Bridge Deck Inspection	0.78	
01 71 23 16-0028	SF	>25,000 To 50,000 SF, Bridge Deck Delamination Survey, GPR Bridge Deck Inspection	0.59	
01 71 23 16-0029	SF	>50,000 To 100,000 SF, Bridge Deck Delamination Survey, GPR Bridge Deck Inspection	0.47	
01 71 23 16-0030	SF	>100,000 To 250,000 SF, Bridge Deck Delamination Survey, GPR Bridge Deck Inspection	0.37	
01 71 23 16-0031	SF	>250,000 SF, Bridge Deck Delamination Survey, GPR Bridge Deck Inspection	0.27	

01 71 23 16-0032

Depth Of Reinforcement/Overlay Thickness Survey, GPR Bridge Deck Inspection (01 71 23 16-0020)

Note: Each project will use the Survey Fee task with a quantity of 1 and one other task for the area of the bridge deck surveyed.

01 71 23 16-0033	EA	Survey Fee, Depth Of Reinforcement/Overlay Thickness Survey, GPR Bridge Deck Inspection.....	975.20	
01 71 23 16-0034	SF	Depth Of Reinforcement/Overlay Thickness Survey, GPR Bridge Deck Inspection	0.06	

01 71 23 16-0035

Freeze-Thaw Damage/Debonded Overlay Survey, GPR Bridge Deck Inspection (01 71 23 16-0020)

Note: Each project will use the Survey Fee task with a quantity of 1 and one other task for the area of the bridge deck surveyed.

01 71 23 16-0036	EA	Survey Fee, Freeze-Thaw Damage/Debonded Overlay Survey, GPR Bridge Deck Inspection.....	975.20	
01 71 23 16-0037	SF	Up To 5,000 SF, Freeze-Thaw Damage/Debonded Overlay Survey, GPR Bridge Deck Inspection.....	0.45	
01 71 23 16-0038	SF	>5,000 To 10,000 SF, Freeze-Thaw Damage/Debonded Overlay Survey, GPR Bridge Deck Inspection	0.35	
01 71 23 16-0039	SF	>10,000 To 25,000 SF, Freeze-Thaw Damage/Debonded Overlay Survey, GPR Bridge Deck Inspection	0.27	
01 71 23 16-0040	SF	>25,000 To 50,000 SF, Freeze-Thaw Damage/Debonded Overlay Survey, GPR Bridge Deck Inspection	0.21	
01 71 23 16-0041	SF	>50,000 To 100,000 SF, Freeze-Thaw Damage/Debonded Overlay Survey, GPR Bridge Deck Inspection	0.18	
01 71 23 16-0042	SF	>100,000 To 250,000 SF, Freeze-Thaw Damage/Debonded Overlay Survey, GPR Bridge Deck Inspection	0.14	
01 71 23 16-0043	SF	>250,000 SF, Freeze-Thaw Damage/Debonded Overlay Survey, GPR Bridge Deck Inspection	0.10	



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 16-0044	Pavement Structure And Thickness Measurement, GPR Pavement Inspection (01 71 23 16-0020) Note: Each project will use one task for the length of the pavement surveyed.		
01 71 23 16-0045	LM Up To 4 Lane Miles (LM), Pavement Structure And Thickness Measurement, GPR Pavement Inspection	7,251.59	
01 71 23 16-0046	LM >4 To 9 Lane Miles (LM), Pavement Structure And Thickness Measurement, GPR Pavement Inspection	3,161.60	
01 71 23 16-0047	LM >9 To 49 Lane Miles (LM), Pavement Structure And Thickness Measurement, GPR Pavement Inspection	2,354.13	
01 71 23 16-0048	LM >49 To 99 Lane Miles (LM), Pavement Structure And Thickness Measurement, GPR Pavement Inspection	1,285.31	
01 71 23 16-0049	LM >99 Lane Miles (LM), Pavement Structure And Thickness Measurement, GPR Pavement Inspection	1,010.31	
01 71 23 16-0050	Pavement Thickness Contour (Mapping), GPR Pavement Inspection (01 71 23 16-0020) Note: Each project will use one task for the length of the pavement surveyed.		
01 71 23 16-0051	LM Up To 4 Lane Miles (LM), Pavement Thickness Contour (Mapping), GPR Pavement Inspection	9,227.34	
01 71 23 16-0052	LM >4 To 9 Lane Miles (LM), Pavement Thickness Contour (Mapping), GPR Pavement Inspection	4,339.64	
01 71 23 16-0053	LM >9 To 49 Lane Miles (LM), Pavement Thickness Contour (Mapping), GPR Pavement Inspection	3,296.18	
01 71 23 16-0054	LM >49 To 99 Lane Miles (LM), Pavement Thickness Contour (Mapping), GPR Pavement Inspection	1,847.03	
01 71 23 16-0055	LM >99 Lane Miles (LM), Pavement Thickness Contour (Mapping), GPR Pavement Inspection	1,460.85	
01 71 23 16-0056	Pavement Void Detection (Mapping), GPR Pavement Inspection (01 71 23 16-0020) Note: Each project will use one task for the length of the pavement surveyed.		
01 71 23 16-0057	LM Up To 4 Lane Miles (LM), Pavement Void Detection (Mapping), GPR Pavement Inspection	10,957.35	
01 71 23 16-0058	LM >4 To 9 Lane Miles (LM), Pavement Void Detection (Mapping), GPR Pavement Inspection	5,369.45	
01 71 23 16-0059	LM >9 To 49 Lane Miles (LM), Pavement Void Detection (Mapping), GPR Pavement Inspection	4,119.24	
01 71 23 16-0060	LM >49 To 99 Lane Miles (LM), Pavement Void Detection (Mapping), GPR Pavement Inspection	2,338.53	
01 71 23 16-0061	LM >99 Lane Miles (LM), Pavement Void Detection (Mapping), GPR Pavement Inspection	1,852.88	
01 71 23 16-0062	Drone Survey (Extreme Aerial Productions) (01 71 23 16) Note: Thermographic services to electrical line grid inspections.		
01 71 23 16-0063	Mobilization For Drone Surveying (01 71 23 16-0062)		
01 71 23 16-0064	EA Mobilization For Up To 1000 Acres, Drone Survey/Topography 1/10 Or Better, Post Process Kinematic (PPK) Fixed Wing	262.17	
01 71 23 16-0065	EA Mobilization For > 1000 Acres Drone Survey/Topography 1/10 Or Better, Post Process Kinematic (PPK) Fixed Wing	655.42	
01 71 23 16-0066	EA Mobilization For Up To 400 Acres, Drone Survey/Topography 1/10 Or Better, Post Process Kinematic (PPK) Hexacopter	174.78	
01 71 23 16-0067	EA Mobilization For Drone Road Survey For Topography/Progression/Inspection	349.56	
01 71 23 16-0068	EA Mobilization For Drone Survey Stockpile	174.78	
01 71 23 16-0069	EA Mobilization For Drone Inspection	174.78	
01 71 23 16-0070	EA Mobilization For Qualitative Drone Thermal Inspection	349.56	
01 71 23 16-0071	EA Mobilization For Quantitative Drone Thermal Inspection	436.95	
01 71 23 16-0072	EA Mobilization For Drone Agricultural Multispectral Survey	699.12	
01 71 23 16-0073	EA Mobilization For Drone Building Inspection/Scan/Thermal	524.34	
01 71 23 16-0074	EA Mobilization For Drone 3D Modelling	436.95	
01 71 23 16-0075	EA Mobilization For Drone Spraying Crops Or Sanitation	786.51	
01 71 23 16-0076	EA Mobilization For Drone Video Progression/Marketing	174.78	
01 71 23 16-0077	EA Mobilization For Drone Pictures Progression/Marketing	174.78	
01 71 23 16-0078	EA Mobilization For Drone Training, Flying, Test Prep, Equipment Checks	174.78	
01 71 23 16-0079	EA Mobilization For Drone Accident Reconstruction	174.78	
01 71 23 16-0080	EA Mobilization For Drone Landfill Survey	262.17	
01 71 23 16-0081	EA Mobilization For Drone Event Security Using Tethered Drones	349.56	
01 71 23 16-0082	EA Mobilization For Drone Emergency Response	873.90	
01 71 23 16-0083	EA Mobilization For Drone Cell Tower Inspection	262.17	
01 71 23 16-0084	Drone Surveying (01 71 23 16-0062)		
01 71 23 16-0085	HR Up To 1000 Acres, Drone Survey/Topography 1/10 Or Better, Post Process Kinematic (PPK) Fixed Wing	637.95	
	Note: 3 hour minimum		
	For Visual Observation, Add	174.78	
	For Additional Manpower, Add	174.78	
01 71 23 16-0086	HR > 1000 Acres, Drone Survey/Topography 1/10 Or Better, Post Process Kinematic (PPK) Fixed Wing	812.73	
	For Visual Observation, Add	262.17	
	For Additional Manpower, Add	209.74	
01 71 23 16-0087	HR Up To 400 Acres, Drone Survey/Topography 1/10 Or Better, Post Process Kinematic (PPK) Hexacopter	524.34	
	Note: 3 hour minimum		
	For Visual Observation, Add	174.78	
	For Additional Manpower, Add	174.78	
01 71 23 16-0088	HR Drone Road Survey For Topography/Progression/Inspection	611.73	
	Note: 3 hour minimum		
	For Visual Observation, Add	262.17	
	For Additional Manpower, Add	174.78	
01 71 23 16-0089	HR Drone Survey Stockpile	436.95	
	Note: 3 hour minimum		
	For Visual Observation, Add	174.78	
	For Additional Manpower, Add	174.78	
01 71 23 16-0090	HR Drone Inspection	611.73	
	Note: 3 hour minimum		
	For Visual Observation, Add	174.78	
	For Additional Manpower, Add	174.78	

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 23 16-0091	HR	Qualitative Drone Thermal Inspection..... Note: 5 hour minimum For Visual Observation, Add For Additional Manpower, Add	699.12 262.17 174.78	
01 71 23 16-0092	HR	Quantitative Drone Thermal Inspection..... Note: 5 hour minimum For Visual Observation, Add For Additional Manpower, Add	1,048.68 262.17 174.78	
01 71 23 16-0093	HR	Drone Agricultural Multispectral Survey..... Note: 6 hour minimum For Visual Observation, Add For Additional Manpower, Add	786.51 174.78 174.78	
01 71 23 16-0094	HR	Drone Building Inspection/Scan/Thermal..... Note: 3 hour minimum For Visual Observation, Add For Additional Manpower, Add	699.12 262.17 174.78	
01 71 23 16-0095	HR	Drone 3D Modelling..... Note: 3 hour minimum For Visual Observation, Add For Additional Manpower, Add	524.34 262.17 174.78	
01 71 23 16-0096	HR	Drone Spraying Crops Or Sanitation..... Note: 3 hour minimum For Visual Observation, Add For Additional Manpower, Add	699.12 218.48 174.78	
01 71 23 16-0097	HR	Drone Video Progression/Marketing..... Note: 2 hour minimum For Visual Observation, Add For Additional Manpower, Add	349.56 174.78 174.78	
01 71 23 16-0098	HR	Drone Pictures Progression/Marketing..... Note: 2 hour minimum For Visual Observation, Add For Additional Manpower, Add	262.17 174.78 174.78	
01 71 23 16-0099	HR	Drone Training, Flying, Test Prep, Equipment Checks..... Note: 3 hour minimum	524.34	
01 71 23 16-0100	HR	Drone Accident Reconstruction..... Note: 2 hour minimum For Visual Observation, Add For Additional Manpower, Add	786.51 174.78 174.78	
01 71 23 16-0101	HR	Drone Landfill Survey..... Note: 3 hour minimum For Visual Observation, Add For Additional Manpower, Add	637.95 174.78 174.78	
01 71 23 16-0102	HR	Drone Event Security Using Tethered Drones..... Note: 3 hour minimum For Visual Observation, Add For Additional Manpower, Add	436.95 174.78 174.78	
01 71 23 16-0103	HR	Drone Emergency Response..... Note: 3 hour minimum For Visual Observation, Add For Additional Manpower, Add	436.95 262.17 174.78	
01 71 23 16-0104	HR	Drone Cell Tower Inspection..... Note: 3 hour minimum For Visual Observation, Add For Additional Manpower, Add	436.95 218.48 174.78	
01 71 23 16-0105		Utilization And Deliverables For Drone Surveying (01 71 23 16-0062)		
01 71 23 16-0106	Day	Utilization Of GPS Ground Control For Drone Surveying.....	436.95	
01 71 23 16-0107	Day	Utilization Of GPS Base Station Per Day For Drone Surveying.....	436.95	
01 71 23 16-0108	HR	Processing And Data Deliverables And Reporting For Drone Surveying..... Note: 2 hour minimum	174.78	
01 71 23 16-0109	HR	Processing And Data Deliverables And Reporting Of Thermal For Drone Surveying..... Note: 3 hour minimum	349.56	
01 71 23 16-0110		Travel, Waivers, And Editing For Drone Surveying (01 71 23 16-0062)		
01 71 23 16-0111	MI	Travel Over 100 Miles For Drone Surveying..... Note: For additional miles over 100	1.00	
01 71 23 16-0112	EA	Overnight Stay Per Person For Drone Surveying.....	218.48	
01 71 23 16-0113	EA	Waiver Utilization B, C, D, And E For Drone Surveying..... Note: Restricted airspace	87.39	
01 71 23 16-0114	EA	Night Waiver For Drone Surveying.....	113.61	
01 71 23 16-0115	EA	Flying Over People Waiver For Drone Surveying.....	174.78	
01 71 23 16-0116	EA	Beyond Visual Line Of Sight (BVLOS) Waiver For Drone Surveying.....	873.90	
01 71 23 16-0117	HR	Editing Video For Drone Surveying..... Note: 2 hour minimum	174.78	
01 71 23 16-0118	HR	Editing Pictures For Drone Surveying..... Note: 2 hour minimum	87.39	
01 71 23 16-0119	HR	Custom Post Processing For Drone Surveying..... Note: 3 hour minimum	262.17	

01 71 36 Non-Destructive Concrete Examination (01 71)



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 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.....	1,128.06	
01 71 36 00-0004	EA >1 To 4 Hours On Site, Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt.....	1,692.09	
01 71 36 00-0005	EA >4 To 8 Hours On Site, Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt.....	3,384.18	
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..... 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.	376.02	
01 71 36 00-0008	EA GPS Mapping Of Located Utilities/Items For Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt..... Note: Includes GPS coordinates of located items and reference items.	752.04	
01 71 36 00-0009	EA CAD Mapping Of Located Utilities/Items For Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt..... Note: Includes additions to the owner provided CAD drawing.	1,692.09	
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.....	24.33	
01 74 13 00-0003	CY Collect Existing Debris And Load Into Truck Or Dumpster..... Note: Per CY of debris removed.	28.48	
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. Tasks not to be used 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.....	24.28	
01 74 16 00-0004	MSF Sweeper/Vacuum/Sprayer For Parking Lots, Streets And Roads.....	29.14	
01 74 16 00-0005	Runway Sweeping (01 74 16 00-0001)		
01 74 16 00-0006	MSF Sweep Runway, With Street Sweep.....	36.42	
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.....	38.86	
01 74 19 00-0004	LF 30" Diameter, Steel Temporary Debris Chute.....	59.52	
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..... For Steel Liner, Add	15.40 3.09	
01 74 19 00-0007	LF 30" Diameter, Plastic Temporary Debris Chute..... For Steel Liner, Add	17.66 3.55	
01 74 19 00-0008	LF 36" Diameter, Plastic Temporary Debris Chute..... For Steel Liner, Add	19.91 4.00	
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.	31.14	

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 00-0011	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"	501.60	
	Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.		
01 74 19 00-0013	EA 15 CY Dumpster "Construction Debris"	566.38	
	Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.		
01 74 19 00-0014	EA 20 CY Dumpster "Construction Debris"	631.15	
	Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.		
01 74 19 00-0015	EA 30 CY Dumpster "Construction Debris"	802.36	
	Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.		
01 74 19 00-0016	EA 40 CY Dumpster "Construction Debris"	866.88	
	Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.		
01 74 19 00-0017	EA 10 CY Low-Boy Dumpster "Concrete Or Asphalt Only"	760.38	
	Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Concrete or asphalt only.		
01 74 19 00-0018	Concrete Washout Service (01 74 19)		
01 74 19 00-0019	MO Rampless Concrete Washout Bin	543.16	
	Note: Includes delivery.		
01 74 19 00-0020	MO Ramped Concrete Washout Bin	651.79	
	Note: Includes delivery.		
01 74 19 00-0021	EA Interim Vacuum Service, Concrete Washout Bin	621.54	
	Note: Includes vacuum and recycle excess clear liquid from the unfilled bin to allow additional space for washout material.		
01 74 19 00-0022	EA Vacuum, Pickup, Swap And Dump, Concrete Washout Bin	1,346.67	
	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.		
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 includes the Landfill Dump Fee. Excludes hauling.		
01 74 19 00-0025	CY Drop-Off Asphalt At Recycling Center	18.51	
01 74 19 00-0026	CY Drop-Off Non-Reinforced Concrete At Recycling Center	24.80	
01 74 19 00-0027	CY Drop-Off Reinforced Concrete At Recycling Center	37.20	
01 74 19 00-0028	CY Drop-Off Brick Or Block At Recycling Center	32.24	
01 74 19 00-0029	CY Drop-Off Dirt At Recycling Center	35.96	
01 74 19 00-0030	CY Drop-Off Dimensional Lumber At Recycling Center	34.72	
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	16.50	
01 74 19 00-0033	TON Traditional Building Construction Materials, Landfill Dump Fee	71.93	
01 74 19 00-0034	CY Trees, Stumps And Brush, Landfill Dump Fee	19.87	
01 74 19 00-0035	CY Hazardous Materials And Rubbish Landfill Dump Fee	47.38	
	Note: Includes regulated waste such as paint cans, refrigerators/freezers, air conditioners, smoke detectors, batteries, etc.		
01 74 19 00-0036	TON Dump, Transfer Station Fee For Mixed Material	101.68	
01 74 19 00-0037	CY Non-Reinforced Concrete And/Or Rock, 2" Minus	4.20	
01 74 19 00-0038	CY Reinforced Concrete And/Or Rock, 2" Minus, Rebar Trimmed To 1"	5.85	
01 74 19 00-0039	CY Reinforced Concrete not trimmed, 2" Minus	10.40	
01 74 19 00-0040	CY Mixed Asphalt And Concrete, Sized And Trimmed	7.73	
01 74 19 00-0041	CY Asphalt Or Asphalt And Dirt, Sized To 2" Minus	5.85	
01 74 19 00-0042	CY Reinforced Concrete And Asphalt, Not Trimmed, 2" Minus	12.50	
01 74 19 00-0043	CY Clean Dirt (No Grass, Weeds, Roots, Plants, Trash)	51.56	
01 74 19 00-0044	CY Clay Loads, Expansive Materials	64.46	
01 74 19 00-0045	CY Clean Asphalt, Sized 2" Minus, No Dirt	9.21	
01 74 19 00-0046	TON General Refuse	77.35	
01 74 19 00-0047	EA Tires	23.63	
01 74 19 00-0048	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 00-0049	CYM Hauling Up To 15 Miles	1.32	
01 74 19 00-0050	CYM Hauling, Miles Over Initial 15 Miles	0.99	



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

MINOR			TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION			UNIT COST	UNIT COST
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		32.91
01 90 Life Cycle Activities (01)				
01 91 Commissioning (01 90)				
01 91 13 General Commissioning Requirements (01 91)				
01 91 13 00-0001 Commissioning Of Systems (01 91 13)				
Note: For use with commissioning of mechanical and electrical systems.				
01 91 13 00-0002	HR	Commissioning - Fire Protection Sprinkler Systems		217.26
01 91 13 00-0003	HR	Commissioning - Plumbing Systems		220.05
01 91 13 00-0004	HR	Commissioning - HVAC/Mechanical Systems		247.56
01 91 13 00-0005	HR	Commissioning - Electrical/Fire Alarms/Security Systems		244.45

END OF SECTION 01

01	01	General Requirements
	01 90	Life Cycle Activities
	01 91	Commissioning



MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST

THIS PAGE INTENTIONALLY LEFT BLANK

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

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 Crew 1,281.81

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' Intervals 38.61

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 Samples 97.59

02 32 13 00-0007 LF 4" Diameter Cased Borings In Earth, With Samples 166.89

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 Casing 103.42

Note: Includes sampling.

02 32 13 00-0010 EA Drill In Rock, With BW Core Boxes 9.70

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 Casing 133.66

Note: Includes sampling.

02 32 13 00-0013 EA Drill In Rock, With NW Core Boxes 11.16

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 Excavation 73.23

02 32 13 00-0017 CY Excavation For Test Pits, Medium Material, Backhoe Excavation 85.43

02 32 13 00-0018 CY Excavation For Test Pit, Heavy Material, Backhoe Excavation 113.90

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 Excavation 216.01

02 32 13 00-0021 CY Excavation For Test Pit, Heavy Soil, Hand Excavation 388.81

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

02 32 13 00-0023 EA Shelby Tube Sampling 54.32

02 32 13 00-0024 EA Penetration Test 44.26

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

02 32 13 00-0026 VLF Boreholes 10.30

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/Demobilization 176.11

02 32 19 00-0003 EA Hydro Excavation, Minimum Charge 704.43

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) 39.13

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).....62.61
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)**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 (where required) and disposal. See CSI section 02 41 13 13-0018 for breaking-up, removal and loading as a combined operation, 02 41 19 13-0059 for saw cutting.

02 41 13 13-0002	SY Up To 3" By Machine, Break-up And Leave In Place Bituminous Paving	7.61
	For >500 To 1,000, Deduct	-0.76
	For >1,000 To 2,500, Deduct	-1.37
	For >2,500 To 5,000, Deduct	-1.98
	For >5,000 To 10,000, Deduct	-2.59
	For >10,000, Deduct	-3.20
02 41 13 13-0003	SY >3" To 6" By Machine, Break-up And Leave In Place Bituminous Paving	11.40
	For >500 To 1,000, Deduct	-1.14
	For >1,000 To 2,500, Deduct	-2.05
	For >2,500 To 5,000, Deduct	-2.96
	For >5,000 To 10,000, Deduct	-3.88
	For >10,000, Deduct	-4.79
02 41 13 13-0004	SY >6" To 9" By Machine, Break-up And Leave In Place Bituminous Paving	15.21
	For >500 To 1,000, Deduct	-1.52
	For >1,000 To 2,500, Deduct	-2.74
	For >2,500 To 5,000, Deduct	-3.95
	For >5,000 To 10,000, Deduct	-5.17
	For >10,000, Deduct	-6.39
02 41 13 13-0005	SY Up To 3" By Machine, Break-up And Leave In Place Concrete Paving	14.74
	For >500 To 1,000, Deduct	-1.47
	For >1,000 To 2,500, Deduct	-2.65
	For >2,500 To 5,000, Deduct	-3.83
	For >5,000 To 10,000, Deduct	-5.01
	For >10,000, Deduct	-6.19
02 41 13 13-0006	SY >3" To 6" By Machine, Break-up And Leave In Place Concrete Paving	20.81
	For >500 To 1,000, Deduct	-2.08
	For >1,000 To 2,500, Deduct	-3.75
	For >2,500 To 5,000, Deduct	-5.41
	For >5,000 To 10,000, Deduct	-7.08
	For >10,000, Deduct	-8.74
02 41 13 13-0007	SY >6" To 9" By Machine, Break-up And Leave In Place Concrete Paving	29.48
	For >500 To 1,000, Deduct	-2.95
	For >1,000 To 2,500, Deduct	-5.31
	For >2,500 To 5,000, Deduct	-7.66
	For >5,000 To 10,000, Deduct	-10.02
	For >10,000, Deduct	-12.38
02 41 13 13-0008	SY >9" To 14" By Machine, Break-up And Leave In Place Concrete Paving	41.62
	For >500 To 1,000, Deduct	-4.16
	For >1,000 To 2,500, Deduct	-7.49
	For >2,500 To 5,000, Deduct	-10.82
	For >5,000 To 10,000, Deduct	-14.15
	For >10,000, Deduct	-17.48
02 41 13 13-0009	SY >14" To 19" By Machine, Break-up And Leave In Place Concrete Paving	54.43
	For >500 To 1,000, Deduct	-5.44
	For >1,000 To 2,500, Deduct	-9.80
	For >2,500 To 5,000, Deduct	-14.15
	For >5,000 To 10,000, Deduct	-18.51
	For >10,000, Deduct	-22.86
02 41 13 13-0010	SY >19" To 24" By Machine, Break-up And Leave In Place Concrete Paving	70.77
	For >500 To 1,000, Deduct	-7.08
	For >1,000 To 2,500, Deduct	-12.74
	For >2,500 To 5,000, Deduct	-18.40
	For >5,000 To 10,000, Deduct	-24.06
	For >10,000, Deduct	-29.72

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 (where required) and disposal. See CSI section 02 41 13 13-0038 for breaking-up, removal and loading as a combined operation, 02 41 19 13-0059 for saw cutting.

02 41 13 13-0012	SF Up To 3" By Hand, Break-up And Leave In Place Bituminous Paving	1.94
02 41 13 13-0013	SF >3" To 6" By Hand, Break-up And Leave In Place Bituminous Paving	2.46
02 41 13 13-0014	SF >6" To 9" By Hand, Break-up And Leave In Place Bituminous Paving	3.27
02 41 13 13-0015	SF Up To 3" By Hand, Break-up And Leave In Place Concrete Paving	2.43
02 41 13 13-0016	SF >3" To 6" By Hand, Break-up And Leave In Place Concrete Paving	3.09



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 13-0017	SF		>6" To 9" By Hand, Break-up And Leave In Place Concrete Paving	4.08	
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. Removal depth to include base aggregate. Excludes saw cutting (where required) and disposal. See CSI section 02 41 19 13-0059 for saw cutting.		
02 41 13 13-0019	SY		Up To 3" By Machine, Break-up And Remove Bituminous Paving	16.46	
			For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	4.94	
			Note: (Around Existing Structures And Obstructions), Add		
			For Elevated Slab, Add	8.23	
			For >500 To 1,000, Deduct	-1.65	
			For >1,000 To 2,500, Deduct	-2.96	
			For >2,500 To 5,000, Deduct	-4.28	
			For >5,000 To 10,000, Deduct	-5.60	
			For >10,000, Deduct	-6.91	
02 41 13 13-0020	SY		>3" To 6" By Machine, Break-up And Remove Bituminous Paving	22.46	
			For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	6.74	
			Note: (Around Existing Structures And Obstructions), Add		
			For Elevated Slab, Add	11.23	
			For >500 To 1,000, Deduct	-2.25	
			For >1,000 To 2,500, Deduct	-4.04	
			For >2,500 To 5,000, Deduct	-5.84	
			For >5,000 To 10,000, Deduct	-7.64	
			For >10,000, Deduct	-9.43	
02 41 13 13-0021	SY		>6" To 9" By Machine, Break-up And Remove Bituminous Paving	31.17	
			For Elevated Slab, Add	15.59	
			For >500 To 1,000, Deduct	-3.12	
			For >1,000 To 2,500, Deduct	-5.61	
			For >2,500 To 5,000, Deduct	-8.10	
			For >5,000 To 10,000, Deduct	-10.60	
			For >10,000, Deduct	-13.09	
02 41 13 13-0022	SY		>9" To 12" By Machine, Break-up And Remove Bituminous Paving	40.67	
			For Elevated Slab, Add	20.34	
			For >500 To 1,000, Deduct	-4.07	
			For >1,000 To 2,500, Deduct	-7.32	
			For >2,500 To 5,000, Deduct	-10.57	
			For >5,000 To 10,000, Deduct	-13.83	
			For >10,000, Deduct	-17.08	
02 41 13 13-0023	SY		>12" To 15" By Machine, Break-up And Remove Bituminous Paving	56.61	
			For Elevated Slab, Add	28.31	
			For >500 To 1,000, Deduct	-5.66	
			For >1,000 To 2,500, Deduct	-10.19	
			For >2,500 To 5,000, Deduct	-14.72	
			For >5,000 To 10,000, Deduct	-19.25	
			For >10,000, Deduct	-23.78	
02 41 13 13-0024	SY		>15" To 18" By Machine, Break-up And Remove Bituminous Paving	77.83	
			For Elevated Slab, Add	38.92	
			For >500 To 1,000, Deduct	-7.78	
			For >1,000 To 2,500, Deduct	-14.01	
			For >2,500 To 5,000, Deduct	-20.24	
			For >5,000 To 10,000, Deduct	-26.46	
			For >10,000, Deduct	-32.69	
02 41 13 13-0025	SY		Up To 3" By Machine, Break-up And Remove Non-Reinforced Concrete Paving	18.93	
			For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	5.68	
			Note: (Around Existing Structures And Obstructions), Add		
			For Elevated Slab, Add	9.47	
			For >500 To 1,000, Deduct	-1.89	
			For >1,000 To 2,500, Deduct	-3.41	
			For >2,500 To 5,000, Deduct	-4.92	
			For >5,000 To 10,000, Deduct	-6.44	
			For >10,000, Deduct	-7.95	
02 41 13 13-0026	SY		>3" To 6" By Machine, Break-up And Remove Non-Reinforced Concrete Paving	24.77	
			For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	7.43	
			Note: (Around Existing Structures And Obstructions), Add		
			For Elevated Slab, Add	12.39	
			For >500 To 1,000, Deduct	-2.48	
			For >1,000 To 2,500, Deduct	-4.46	
			For >2,500 To 5,000, Deduct	-6.44	
			For >5,000 To 10,000, Deduct	-8.42	
			For >10,000, Deduct	-10.40	
02 41 13 13-0027	SY		>6" To 9" By Machine, Break-up And Remove Non-Reinforced Concrete Paving	44.23	
			For Elevated Slab, Add	22.12	
			For >500 To 1,000, Deduct	-4.42	
			For >1,000 To 2,500, Deduct	-7.96	
			For >2,500 To 5,000, Deduct	-11.50	
			For >5,000 To 10,000, Deduct	-15.04	
			For >10,000, Deduct	-18.58	
02 41 13 13-0028	SY		>9" To 14" By Machine, Break-up And Remove Non-Reinforced Concrete Paving	57.78	
			For Elevated Slab, Add	28.89	
			For >500 To 1,000, Deduct	-5.78	
			For >1,000 To 2,500, Deduct	-10.40	
			For >2,500 To 5,000, Deduct	-15.02	
			For >5,000 To 10,000, Deduct	-19.65	
			For >10,000, Deduct	-24.27	

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 13 13-0029	SY	Up To 3" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving.....	25.12
		For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	7.54
		Note: (Around Existing Structures And Obstructions), Add	
		For Elevated Slab, Add	12.56
		For >500 To 1,000, Deduct	-2.51
		For >1,000 To 2,500, Deduct	-4.52
		For >2,500 To 5,000, Deduct	-6.53
		For >5,000 To 10,000, Deduct	-8.54
		For >10,000, Deduct	-10.55
02 41 13 13-0030	SY	>3" To 6" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving	32.55
		For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	9.77
		Note: (Around Existing Structures And Obstructions), Add	
		For Elevated Slab, Add	16.28
		For >500 To 1,000, Deduct	-3.26
		For >1,000 To 2,500, Deduct	-5.86
		For >2,500 To 5,000, Deduct	-8.46
		For >5,000 To 10,000, Deduct	-11.07
		For >10,000, Deduct	-13.67
02 41 13 13-0031	SY	>6" To 9" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving	53.96
		For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	16.19
		Note: (Around Existing Structures And Obstructions), Add	
		For Elevated Slab, Add	26.98
		For >500 To 1,000, Deduct	-5.40
		For >1,000 To 2,500, Deduct	-9.71
		For >2,500 To 5,000, Deduct	-14.03
		For >5,000 To 10,000, Deduct	-18.35
		For >10,000, Deduct	-22.66
02 41 13 13-0032	SY	Up To 3" By Machine, Break-up And Remove Rod Reinforced Concrete Paving	27.24
		For Elevated Slab, Add	13.62
		For >500 To 1,000, Deduct	-2.72
		For >1,000 To 2,500, Deduct	-4.90
		For >2,500 To 5,000, Deduct	-7.08
		For >5,000 To 10,000, Deduct	-9.26
		For >10,000, Deduct	-11.44
02 41 13 13-0033	SY	>3" To 6" By Machine, Break-up And Remove Rod Reinforced Concrete Paving	35.03
		For Elevated Slab, Add	17.52
		For >500 To 1,000, Deduct	-3.50
		For >1,000 To 2,500, Deduct	-6.31
		For >2,500 To 5,000, Deduct	-9.11
		For >5,000 To 10,000, Deduct	-11.91
		For >10,000, Deduct	-14.71
02 41 13 13-0034	SY	>6" To 9" By Machine, Break-up And Remove Rod Reinforced Concrete Paving	62.62
		For Elevated Slab, Add	31.31
		For >500 To 1,000, Deduct	-6.26
		For >1,000 To 2,500, Deduct	-11.27
		For >2,500 To 5,000, Deduct	-16.28
		For >5,000 To 10,000, Deduct	-21.29
		For >10,000, Deduct	-26.30
02 41 13 13-0035	SY	>9" To 14" By Machine, Break-up And Remove Rod Reinforced Concrete Paving	81.73
		For Elevated Slab, Add	40.87
		For >500 To 1,000, Deduct	-8.17
		For >1,000 To 2,500, Deduct	-14.71
		For >2,500 To 5,000, Deduct	-21.25
		For >5,000 To 10,000, Deduct	-27.79
		For >10,000, Deduct	-34.33
02 41 13 13-0036	SY	>14" To 19" By Machine, Break-up And Remove Rod Reinforced Concrete Paving	106.85
		For Elevated Slab, Add	53.43
		For >500 To 1,000, Deduct	-10.69
		For >1,000 To 2,500, Deduct	-19.23
		For >2,500 To 5,000, Deduct	-27.78
		For >5,000 To 10,000, Deduct	-36.33
		For >10,000, Deduct	-44.88
02 41 13 13-0037	SY	>19" To 24" By Machine, Break-up And Remove Rod Reinforced Concrete Paving	129.68
		For Elevated Slab, Add	64.84
		For >500 To 1,000, Deduct	-12.97
		For >1,000 To 2,500, Deduct	-23.34
		For >2,500 To 5,000, Deduct	-33.72
		For >5,000 To 10,000, Deduct	-44.09
		For >10,000, Deduct	-54.47

02 41 13 13-0038**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. Removal depth to include base aggregate. Excludes saw cutting (where required) and disposal. See CSI section 02 41 19 13-0059 for saw cutting.

02 41 13 13-0039	SF	Up To 3" By Hand, Break-up And Remove Bituminous Paving	4.34
02 41 13 13-0040	SF	>3" To 6" By Hand, Break-up And Remove Bituminous Paving.....	5.71
02 41 13 13-0041	SF	>6" To 9" By Hand, Break-up And Remove Bituminous Paving.....	7.42
02 41 13 13-0042	SF	Up To 3" By Hand, Break-up And Remove Concrete Paving	5.42
02 41 13 13-0043	SF	>3" To 6" By Hand, Break-up And Remove Concrete Paving.....	7.49
02 41 13 13-0044	SF	>6" To 9" By Hand, Break-up And Remove Concrete Paving.....	9.59
02 41 13 13-0045	SF	Up To 3" By Hand, Break-up And Remove Welded Wire Reinforced Concrete Paving.....	7.59
02 41 13 13-0046	SF	>3" To 6" By Hand, Break-up And Remove Welded Wire Reinforced Concrete Paving.....	10.48
02 41 13 13-0047	SF	>6" To 9" By Hand, Break-up And Remove Welded Wire Reinforced Concrete Paving.....	13.42



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

MINOR		TOTAL DIRECT		DEMOLITION
CSI UOM DESCRIPTION		UNIT COST		UNIT COST
02 41 13 13-0048	Grind Concrete (02 41 13 13)			
02 41 13 13-0049	EA Grind Existing Sidewalks, Up To 1/2" Depth, To Remove Ridges (Tripping Hazard).....		214.75	
	Note: For each location up to 5' wide, feather up to 12" each direction.			
	For >1/2" To 1" Depth Of Grinding, Add		32.21	
	For >1" To 1-1/2" Depth Of Grinding, Add		53.69	
	For Up To 5, Add		42.95	
	For >5 To 10, Add		21.48	
	For >25 To 50, Deduct		-21.48	
	For >50 To 250, Deduct		-32.21	
	For >250, Deduct		-42.95	
	For Sidewalks >5', Add		21.48	
	For Up To 12" Additional Feathering Per Side, Add		21.48	
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.....		8.29	
02 41 13 15-0003	SF >2" To 4" Depth, Hydro Demolition, Using 40,000 PSI Water Jet.....		10.37	
02 41 13 15-0004	SF >4" To 6" Depth, Hydro Demolition, Using 40,000 PSI Water Jet.....		13.87	
02 41 13 15-0005	SF >6" To 8" Depth, Hydro Demolition, Using 40,000 PSI Water Jet.....		27.60	
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: Gutted and placed in truck or dumpsters. Based on overall floor area square foot or Gross Square Foot (GSF) including flooring under interior 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		8.43	
02 41 16 13-0003	GSF Up To 2,000 SF Commercial Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck.....		12.75	
02 41 16 13-0004	GSF >2,000 To 10,000 SF Commercial Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck		10.43	
02 41 16 13-0005	GSF >10,000 SF Commercial Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck		9.27	
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		77.89	
	For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15'; Deduct		-5.84	
	For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18'; Deduct		-11.68	
	For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21'; Deduct		-17.53	
	For Up To 500, Add		23.37	
	For >500 To 1,000, Add		15.58	
	For >1,000 To 2,000, Add		7.79	
	For Volume Of Area Within 15' To An Adjacent Building, Add		25.70	
	For No Interior Partitions, Deduct		-19.47	
02 41 16 13-0009	CCF By Machine, Steel Framed Building Demolition.....		48.59	
	For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15'; Deduct		-3.64	
	For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18'; Deduct		-7.29	
	For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21'; Deduct		-10.93	
	For Up To 500, Add		14.58	
	For >500 To 1,000, Add		9.72	
	For >1,000 To 2,000, Add		4.86	
	For Work >3 Stories To 6 Stories (Exclude Volume Below), Add		7.29	
	For Work >6 Stories To 10 Stories (Exclude Volume Below), Add		12.15	
	For Work >10 Stories To 15 Stories (Exclude Volume Below), Add		17.01	
	For Volume Of Area Within 15' To An Adjacent Building, Add		16.03	
	For No Interior Partitions, Deduct		-12.15	
02 41 16 13-0010	Reinforced Concrete Building Demolition (02 41 16 13-0006)			

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 13-0011 CCF By Pneumatic Tools/Hand, Reinforced Concrete Building Demolition	97.74	
For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct	-7.33	
For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct	-14.66	
For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct	-21.99	
For Up To 500, Add	29.32	
For >500 To 1,000, Add	19.55	
For >1,000 To 2,000, Add	9.77	
For Volume Of Area Within 15' To An Adjacent Building, Add	32.25	
For No Interior Partitions, Deduct	-24.44	
02 41 16 13-0012 CCF By Machine, Reinforced Concrete Building Demolition.....	64.17	
For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct	-4.87	
For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct	-9.63	
For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct	-14.44	
For Up To 500, Add	19.25	
For >500 To 1,000, Add	12.83	
For >1,000 To 2,000, Add	6.42	
For Work >3 Stories To 6 Stories (Exclude Volume Below), Add	9.63	
For Work >6 Stories To 10 Stories (Exclude Volume Below), Add	16.04	
For Work >10 Stories To 15 Stories (Exclude Volume Below), Add	22.46	
For Volume Of Area Within 15' To An Adjacent Building, Add	21.18	
For No Interior Partitions, Deduct	-16.04	
02 41 16 13-0013 Masonry Construction Building Demolition (02 41 16 13-0006)	68.69	
02 41 16 13-0014 CCF By Pneumatic Tools/Hand, Masonry Construction Building Demolition	68.69	
For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct	-5.15	
For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct	-10.30	
For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct	-15.46	
For Up To 500, Add	20.61	
For >500 To 1,000, Add	13.74	
For >1,000 To 2,000, Add	6.87	
For Volume Of Area Within 15' To An Adjacent Building, Add	22.67	
For No Interior Partitions, Deduct	-17.17	
02 41 16 13-0015 CCF By Machine, Masonry Construction Building Demolition.....	43.61	
For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct	-3.27	
For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct	-6.54	
For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct	-9.81	
For Up To 500, Add	13.08	
For >500 To 1,000, Add	8.72	
For >1,000 To 2,000, Add	4.36	
For Work >3 Stories To 6 Stories (Exclude Volume Below), Add	6.54	
For Work >6 Stories To 10 Stories (Exclude Volume Below), Add	10.90	
For Work >10 Stories To 15 Stories (Exclude Volume Below), Add	15.26	
For Volume Of Area Within 15' To An Adjacent Building, Add	14.39	
For No Interior Partitions, Deduct	-10.90	
02 41 16 13-0016 Wood Frame Construction Building Demolition (02 41 16 13-0006)	59.69	
02 41 16 13-0017 CCF By Pneumatic Tools/Hand, Wood Frame Construction Building Demolition	59.69	
For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct	-4.48	
For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct	-8.95	
For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct	-13.43	
For Up To 500, Add	17.91	
For >500 To 1,000, Add	11.94	
For >1,000 To 2,000, Add	5.97	
For Volume Of Area Within 15' To An Adjacent Building, Add	19.70	
For No Interior Partitions, Deduct	-14.92	
02 41 16 13-0018 CCF By Machine, Wood Frame Construction Building Demolition.....	37.32	
For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct	-2.80	
For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct	-5.60	
For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct	-8.40	
For Up To 500, Add	11.20	
For >500 To 1,000, Add	7.46	
For >1,000 To 2,000, Add	3.73	
For Work >3 Stories To 6 Stories (Exclude Volume Below), Add	5.60	
For Volume Of Area Within 15' To An Adjacent Building, Add	12.32	
For No Interior Partitions, Deduct	-9.33	
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	10.68	
For Up To 500, Add	3.20	
For >500 To 1,000, Add	2.14	
For >1,000 To 2,000, Add	1.07	
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	16.15	
For >135 To 405, Deduct	-1.41	
For >405 To 810, Deduct	-2.83	
For >810 To 2025, Deduct	-4.04	
For >2025, Deduct	-6.46	



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 16 13-0024	CF		Reinforced Concrete Foundation Demolition	19.37	
			For >135 To 405, Deduct	-1.69	
			For >405 To 810, Deduct	-3.39	
			For >810 To 2025, Deduct	-4.84	
			For >2025, Deduct	-7.75	
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.....	6.92	
			For >500 To 2,000, Deduct	-0.52	
			For >2,000 To 6,000, Deduct	-1.38	
			For >6,000 To 8,000, Deduct	-2.42	
			For >8,000, Deduct	-3.81	
02 41 16 13-0027	SF		6" Thick Non-Reinforced Concrete Foundation Wall Demolition.....	9.23	
			For >500 To 2,000, Deduct	-0.69	
			For >2,000 To 6,000, Deduct	-1.85	
			For >6,000 To 8,000, Deduct	-3.23	
			For >8,000, Deduct	-5.08	
02 41 16 13-0028	SF		8" Thick Non-Reinforced Concrete Foundation Wall Demolition.....	11.53	
			For >500 To 2,000, Deduct	-0.86	
			For >2,000 To 6,000, Deduct	-2.31	
			For >6,000 To 8,000, Deduct	-4.04	
			For >8,000, Deduct	-6.34	
02 41 16 13-0029	SF		10" Thick Non-Reinforced Concrete Foundation Wall Demolition.....	13.84	
			For >500 To 2,000, Deduct	-1.04	
			For >2,000 To 6,000, Deduct	-2.77	
			For >6,000 To 8,000, Deduct	-4.84	
			For >8,000, Deduct	-7.61	
02 41 16 13-0030	SF		12" Thick Non-Reinforced Concrete Foundation Wall Demolition.....	16.15	
			For >500 To 2,000, Deduct	-1.21	
			For >2,000 To 6,000, Deduct	-3.23	
			For >6,000 To 8,000, Deduct	-5.65	
			For >8,000, Deduct	-8.88	
02 41 16 13-0031	SF		16" Thick Non-Reinforced Concrete Foundation Wall Demolition.....	18.45	
			For >500 To 2,000, Deduct	-1.38	
			For >2,000 To 6,000, Deduct	-3.69	
			For >6,000 To 8,000, Deduct	-6.46	
			For >8,000, Deduct	-10.15	
02 41 16 13-0032	SF		4" Thick Reinforced Concrete Foundation Wall Demolition	8.30	
			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 13-0033	SF		6" Thick Reinforced Concrete Foundation Wall Demolition	11.07	
			For >500 To 2,000, Deduct	-0.83	
			For >2,000 To 6,000, Deduct	-2.21	
			For >6,000 To 8,000, Deduct	-3.87	
			For >8,000, Deduct	-6.09	
02 41 16 13-0034	SF		8" Thick Reinforced Concrete Foundation Wall Demolition	13.84	
			For >500 To 2,000, Deduct	-1.04	
			For >2,000 To 6,000, Deduct	-2.77	
			For >6,000 To 8,000, Deduct	-4.84	
			For >8,000, Deduct	-7.61	
02 41 16 13-0035	SF		10" Thick Reinforced Concrete Foundation Wall Demolition	16.38	
			For >500 To 2,000, Deduct	-1.23	
			For >2,000 To 6,000, Deduct	-3.28	
			For >6,000 To 8,000, Deduct	-5.73	
			For >8,000, Deduct	-9.01	
02 41 16 13-0036	SF		12" Thick Reinforced Concrete Foundation Wall Demolition	19.37	
			For >500 To 2,000, Deduct	-1.45	
			For >2,000 To 6,000, Deduct	-3.87	
			For >6,000 To 8,000, Deduct	-6.78	
			For >8,000, Deduct	-10.65	
02 41 16 13-0037	SF		16" Thick Reinforced Concrete Foundation Wall Demolition	22.14	
			For >500 To 2,000, Deduct	-1.66	
			For >2,000 To 6,000, Deduct	-4.43	
			For >6,000 To 8,000, Deduct	-7.75	
			For >8,000, Deduct	-12.18	
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.....	5.07	
			For >500 To 2,000, Deduct	-0.38	
			For >2,000 To 6,000, Deduct	-1.01	
			For >6,000 To 8,000, Deduct	-1.77	
			For >8,000, Deduct	-2.79	
02 41 16 13-0040	SF		6" Thick Non-Reinforced Concrete Block Foundation Wall Demolition.....	5.42	
			For >500 To 2,000, Deduct	-0.41	
			For >2,000 To 6,000, Deduct	-1.08	
			For >6,000 To 8,000, Deduct	-1.90	
			For >8,000, Deduct	-2.98	
02 41 16 13-0041	SF		8" Thick Non-Reinforced Concrete Block Foundation Wall Demolition.....	6.11	
			For >500 To 2,000, Deduct	-0.46	
			For >2,000 To 6,000, Deduct	-1.22	
			For >6,000 To 8,000, Deduct	-2.14	
			For >8,000, Deduct	-3.36	

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 16 13-0042	SF		10" Thick Non-Reinforced Concrete Block Foundation Wall Demolition	7.03	
			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	
02 41 16 13-0043	SF		12" Thick Non-Reinforced Concrete Block Foundation Wall Demolition	7.85	
			For >500 To 2,000, Deduct	-0.59	
			For >2,000 To 6,000, Deduct	-1.57	
			For >6,000 To 8,000, Deduct	-2.75	
			For >8,000, Deduct	-4.32	
02 41 16 13-0044	SF		16" Thick Non-Reinforced Concrete Block Foundation Wall Demolition	9.80	
			For >500 To 2,000, Deduct	-0.74	
			For >2,000 To 6,000, Deduct	-1.96	
			For >6,000 To 8,000, Deduct	-3.43	
			For >8,000, Deduct	-5.39	
02 41 16 13-0045	SF		4" Thick Reinforced Concrete Block Foundation Wall Demolition	6.09	
			For >500 To 2,000, Deduct	-0.46	
			For >2,000 To 6,000, Deduct	-1.22	
			For >6,000 To 8,000, Deduct	-2.13	
			For >8,000, Deduct	-3.35	
02 41 16 13-0046	SF		6" Thick Reinforced Concrete Block Foundation Wall Demolition	6.50	
			For >500 To 2,000, Deduct	-0.49	
			For >2,000 To 6,000, Deduct	-1.30	
			For >6,000 To 8,000, Deduct	-2.28	
			For >8,000, Deduct	-3.58	
02 41 16 13-0047	SF		8" Thick Reinforced Concrete Block Foundation Wall Demolition	7.34	
			For >500 To 2,000, Deduct	-0.55	
			For >2,000 To 6,000, Deduct	-1.47	
			For >6,000 To 8,000, Deduct	-2.57	
			For >8,000, Deduct	-4.04	
02 41 16 13-0048	SF		10" Thick Reinforced Concrete Block Foundation Wall Demolition	8.44	
			For >500 To 2,000, Deduct	-0.63	
			For >2,000 To 6,000, Deduct	-1.69	
			For >6,000 To 8,000, Deduct	-2.95	
			For >8,000, Deduct	-4.64	
02 41 16 13-0049	SF		12" Thick Reinforced Concrete Block Foundation Wall Demolition	9.41	
			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	-5.18	
02 41 16 13-0050	SF		16" Thick Reinforced Concrete Block Foundation Wall Demolition	11.76	
			For >500 To 2,000, Deduct	-0.88	
			For >2,000 To 6,000, Deduct	-2.35	
			For >6,000 To 8,000, Deduct	-4.12	
			For >8,000, Deduct	-6.47	
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	5.07	
			For >500 To 2,000, Deduct	-0.38	
			For >2,000 To 6,000, Deduct	-1.01	
			For >6,000 To 8,000, Deduct	-1.77	
			For >8,000, Deduct	-2.79	
02 41 16 13-0053	SF		6" Thick Brick Foundation Wall Demolition	5.42	
			For >500 To 2,000, Deduct	-0.41	
			For >2,000 To 6,000, Deduct	-1.08	
			For >6,000 To 8,000, Deduct	-1.90	
			For >8,000, Deduct	-2.98	
02 41 16 13-0054	SF		8" Thick Brick Foundation Wall Demolition	6.11	
			For >500 To 2,000, Deduct	-0.46	
			For >2,000 To 6,000, Deduct	-1.22	
			For >6,000 To 8,000, Deduct	-2.14	
			For >8,000, Deduct	-3.36	
02 41 16 13-0055	SF		10" Thick Brick Foundation Wall Demolition	7.03	
			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	
02 41 16 13-0056	SF		12" Thick Brick Foundation Wall Demolition	7.85	
			For >500 To 2,000, Deduct	-0.59	
			For >2,000 To 6,000, Deduct	-1.57	
			For >6,000 To 8,000, Deduct	-2.75	
			For >8,000, Deduct	-4.32	
02 41 16 13-0057	SF		16" Thick Brick Foundation Wall Demolition	9.80	
			For >500 To 2,000, Deduct	-0.74	
			For >2,000 To 6,000, Deduct	-1.96	
			For >6,000 To 8,000, Deduct	-3.43	
			For >8,000, Deduct	-5.39	
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	16.15	
			For >135 To 405, Deduct	-1.41	
			For >405 To 810, Deduct	-2.83	
			For >810 To 2025, Deduct	-4.04	
			For >2025, Deduct	-6.46	



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 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	16.69	
Note: Includes excavation.		
For >135 To 405, Deduct		-1.46
For >405 To 810, Deduct		-2.92
For >810 To 2025, Deduct		-4.17
For >2025, Deduct		-6.68
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	16.29	
02 41 19 13-0004 VLF 10" x 10" Masonry Column Removal	25.45	
02 41 19 13-0005 VLF 12" x 12" Masonry Column Removal	32.61	
02 41 19 13-0006 VLF 14" x 14" Masonry Column Removal	40.82	
02 41 19 13-0007 VLF 16" x 16" Masonry Column Removal	50.15	
02 41 19 13-0008 CF Masonry Column Removal, Per CF Of Masonry Removed; For Other Sizes Over 16" Square	28.16	
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	33.04	
02 41 19 13-0011 CF >3 To 10 CF/VLF Chimney Removal, Per CF Of Masonry Removed	24.81	
02 41 19 13-0012 CF >10 To 20 CF/VLF Chimney Removal, Per CF Of Masonry Removed	18.98	
02 41 19 13-0013 CF >20 CF/VLF Chimney Removal, Per CF Of Masonry Removed	13.15	
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 13-0059 for saw cutting.		
02 41 19 13-0015 LF Up To 8" Wide, Remove And Reset Precast, Stone Or Masonry Coping	19.80	
02 41 19 13-0016 LF >8" To 12" Wide, Remove And Reset Precast, Stone Or Masonry Coping	29.50	
02 41 19 13-0017 LF >12" To 24" Wide, Remove And Reset Precast, Stone Or Masonry Coping	56.19	
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 13-0059 for saw cutting.		
02 41 19 13-0019 SF Stone Or Brick Veneer Facade Removal	6.20	
For Cleaning and Storage For Reuse, Add		9.30
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 13-0059 for saw cutting.		
02 41 19 13-0021 SF Demolish 4" Thick Non-Reinforced Concrete Block Exterior Wall	5.46	
02 41 19 13-0022 SF Demolish 6" Thick Non-Reinforced Concrete Block Exterior Wall	6.15	
02 41 19 13-0023 SF Demolish 8" Thick Non-Reinforced Concrete Block Exterior Wall	7.44	
02 41 19 13-0024 SF Demolish 10" Thick Non-Reinforced Concrete Block Exterior Wall	8.14	
02 41 19 13-0025 SF Demolish 12" Thick Non-Reinforced Concrete Block Exterior Wall	8.93	
02 41 19 13-0026 SF Demolish 16" Thick Non-Reinforced Concrete Block Exterior Wall	11.17	
02 41 19 13-0027 SF Demolish 4" Thick Reinforced Concrete Block Exterior Wall	6.45	
02 41 19 13-0028 SF Demolish 6" Thick Reinforced Concrete Block Exterior Wall	7.38	
02 41 19 13-0029 SF Demolish 8" Thick Reinforced Concrete Block Exterior Wall	8.93	
02 41 19 13-0030 SF Demolish 10" Thick Reinforced Concrete Block Exterior Wall	9.77	
02 41 19 13-0031 SF Demolish 12" Thick Reinforced Concrete Block Exterior Wall	10.72	
02 41 19 13-0032 SF Demolish 16" Thick Reinforced Concrete Block Exterior Wall	13.40	
02 41 19 13-0033 SF Demolish 4" Thick Brick Exterior Wall	5.46	
For Cleaning and Storage For Reuse, Add		8.19
02 41 19 13-0034 SF Demolish 6" Thick Brick Exterior Wall	6.15	
For Cleaning and Storage For Reuse, Add		9.23
02 41 19 13-0035 SF Demolish 8" Thick Brick Exterior Wall	7.44	
For Cleaning and Storage For Reuse, Add		11.16
02 41 19 13-0036 SF Demolish 10" Thick Brick Exterior Wall	8.14	
For Cleaning and Storage For Reuse, Add		12.21
02 41 19 13-0037 SF Demolish 12" Thick Brick Exterior Wall	8.93	
For Cleaning and Storage For Reuse, Add		13.40
02 41 19 13-0038 SF Demolish 16" Thick Brick Exterior Wall	11.17	
For Cleaning and Storage For Reuse, Add		16.76
02 41 19 13-0039 CF Exterior Brick, Concrete Block Or Composite Removal	15.87	
For Cleaning and Storage For Reuse, Add		23.81

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 13-0040	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 13-0059 for saw cutting.			
02 41 19 13-0041	LF	Demolish Steel Lintel	12.02	
02 41 19 13-0042	LF	Demolish Concrete Or Stone Lintel	16.03	
02 41 19 13-0043	LF	Demolish Steel Shelf Angle	12.69	
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 13-0059 for saw cutting.			
02 41 19 13-0045	LF	Clean, Prime And Paint Steel Shelf Angle Or Lintel	7.01	
02 41 19 13-0046	LF	Reinstall Existing Concrete Or Stone Lintel	16.03	
02 41 19 13-0047	LF	Reinstall Existing Steel Shelf Angle	46.77	
		Note: Includes fasteners.		
02 41 19 13-0048	LF	Reinstall Existing Steel Lintel	17.81	
02 41 19 13-0049	LF	Removal And Replacement Of Steel Shelf Angle Over Window Openings At Cavity Walls	80.08	
02 41 19 13-0050	LF	Removal And Replacement Of Steel Lintel Over Window Openings	154.58	
02 41 19 13-0051	Exterior Concrete Wall Removal (02 41 19 13)			
02 41 19 13-0052	SF	Demolish 4" Thick Reinforced Concrete Exterior Wall	7.18	
02 41 19 13-0053	SF	Demolish 6" Thick Reinforced Concrete Exterior Wall	13.03	
02 41 19 13-0054	SF	Demolish 8" Thick Reinforced Concrete Exterior Wall	16.38	
02 41 19 13-0055	SF	Demolish 10" Thick Reinforced Concrete Exterior Wall	19.32	
02 41 19 13-0056	SF	Demolish 12" Thick Reinforced Concrete Exterior Wall	22.83	
02 41 19 13-0057	Elevated Concrete Removal (02 41 19 13)			
02 41 19 13-0058	CF	Elevated Concrete Beam/Slab/Steps Removal, Reinforced	13.95	
02 41 19 13-0059	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 13-0060	LF	Bituminous Paving Up To 4" Depth, Saw Cut	2.44	
		For Each Additional Pass (Depth To 3"), Add	0.95	
		For >250, Deduct	-0.24	
02 41 19 13-0061	LF	Brick Masonry Up To 4" Depth, Saw Cut	9.30	
		For Each Additional Pass (Depth To 3"), Add	3.69	
		For >250, Deduct	-0.92	
02 41 19 13-0062	LF	Concrete Block Up To 4" Depth, Saw Cut	8.40	
		For Each Additional Pass (Depth To 3"), Add	3.33	
		For >250, Deduct	-0.83	
02 41 19 13-0063	LF	Non-Reinforced Concrete Slab Or Paving Up To 4" Depth, Saw Cut	2.79	
		For Each Additional Pass (Depth To 3"), Add	1.08	
		For >250, Deduct	-0.27	
02 41 19 13-0064	LF	Welded Wire Reinforced Concrete Slab Up To 4" Depth, Saw Cut	3.70	
		For Each Additional Pass (Depth To 3"), Add	1.44	
		For >250, Deduct	-0.36	
02 41 19 13-0065	LF	Rod Reinforced Concrete Slab Up To 4" Depth, Saw Cut	6.16	
		For Each Additional Pass (Depth To 3"), Add	2.42	
		For >250, Deduct	-0.60	
02 41 19 13-0066	LF	Plain Concrete Walls Up To 4" Depth, Saw Cut	11.90	
		For Each Additional Pass (Depth To 3"), Add	4.72	
		For >250, Deduct	-1.18	
02 41 19 13-0067	LF	Saw Cut Rod Reinforced Concrete Walls Up To 4" Depth	15.99	
		For Each Additional Pass (Depth To 3"), Add	6.35	
		For >250, Deduct	-1.58	
02 41 19 13-0068	LF	Concrete And Asphalt Up To 4" Depth, Saw Cut In Streets	3.23	
		For Each Additional Pass (Depth To 3"), Add	1.17	
		For >250, Deduct	-0.28	
02 41 19 13-0069	LF	Igneous Stone Pavements Up To 4" Depth, Saw Cut	8.42	
		For Each Additional Pass (Depth To 3"), Add	3.33	
		For >250, Deduct	-0.83	
02 41 19 13-0070	LF	Sedimentary Stone Pavements Up To 4" Depth, Saw Cut	8.42	
		For Each Additional Pass (Depth To 3"), Add	3.33	
		For >250, Deduct	-0.83	
02 41 19 13-0071	LF	Metamorphic Stone Pavements Up To 4" Depth, Saw Cut	8.42	
		For Each Additional Pass (Depth To 3"), Add	3.33	
		For >250, Deduct	-0.83	
02 41 19 13-0072	LF	Terrazzo Stone Pavements Up To 4" Depth, Saw Cut	8.42	
		For Each Additional Pass (Depth To 3"), Add	3.33	
		For >250, Deduct	-0.83	
02 41 19 13-0073	EA	Saw Cut Minimum Charge	1,149.33	
	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.			



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 13-0074 Torch Cutting (02 41 19 13) Note: Includes grinding edge		
02 41 19 13-0075 LF Up To 1/2", Torch Cut Steel Plate.....	3.02	
02 41 19 13-0076 LF >1/2" To 1" Thick, Torch Cut Steel Plate	6.04	
02 41 19 13-0077 LF >1" To 1-1/2" Thick, Torch Cut Steel Plate	9.06	
02 41 19 13-0078 LF >1-1/2" To 2" Thick, Torch Cut Steel Plate	12.08	
02 41 19 13-0079 LF >2" To 2-1/2" Thick, Torch Cut Steel Plate	15.10	
02 41 19 13-0080 LF >2-1/2" To 3" Thick, Torch Cut Steel Plate	18.11	
02 41 19 13-0081 EA Torch Cutting Minimum Charge.....	997.18	
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 13-0082 Drilling In Existing Materials (02 41 19 13) Note: Includes drill bit wear, water, layout, set-up and clean-up.		
02 41 19 13-0083 Concrete Core Drilling (02 41 19 13-0082)		
02 41 19 13-0084 Up To 4" Thick Concrete Core Drilling (02 41 19 13-0083)		
02 41 19 13-0085 EA Drill 1" Diameter Core In Up To 4" Concrete.....	45.66	
For Horizontal Cores, Add	9.04	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	18.08	
02 41 19 13-0086 EA Drill 1-1/2" Diameter Core In Up To 4" Concrete	50.65	
For Horizontal Cores, Add	10.04	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	20.07	
02 41 19 13-0087 EA Drill 2" Diameter Core In Up To 4" Concrete.....	56.25	
For Horizontal Cores, Add	11.16	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	22.31	
02 41 19 13-0088 EA Drill 3" Diameter Core In Up To 4" Concrete.....	80.32	
For Horizontal Cores, Add	15.94	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	31.88	
02 41 19 13-0089 EA Drill 4" Diameter Core In Up To 4" Concrete.....	107.63	
For Horizontal Cores, Add	21.35	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	42.71	
02 41 19 13-0090 EA Drill 6" Diameter Core In Up To 4" Concrete.....	120.60	
For Horizontal Cores, Add	23.90	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	47.81	
02 41 19 13-0091 EA Drill 8" Diameter Core In Up To 4" Concrete.....	192.73	
For Horizontal Cores, Add	38.25	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	76.50	
02 41 19 13-0092 EA Drill 10" Diameter Core In Up To 4" Concrete.....	241.07	
For Horizontal Cores, Add	47.81	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	95.62	
02 41 19 13-0093 EA Drill 12" Diameter Core In Up To 4" Concrete.....	281.31	
For Horizontal Cores, Add	55.78	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	111.56	
02 41 19 13-0094 EA Drill 14" Diameter Core In Up To 4" Concrete.....	321.57	
For Horizontal Cores, Add	63.74	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	127.48	
02 41 19 13-0095 EA Drill 18" Diameter Core In Up To 4" Concrete.....	362.22	
For Horizontal Cores, Add	71.71	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	143.41	
02 41 19 13-0096 >4" To 6" Thick Concrete Core Drilling (02 41 19 13-0083)		
02 41 19 13-0097 EA Drill 1" Diameter Core In >4" To 6" Concrete.....	65.25	
For Horizontal Cores, Add	12.91	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	25.81	
02 41 19 13-0098 EA Drill 1-1/2" Diameter Core In >4" To 6" Concrete.....	72.41	
For Horizontal Cores, Add	14.34	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	28.68	
02 41 19 13-0099 EA Drill 2" Diameter Core In >4" To 6" Concrete.....	80.38	
For Horizontal Cores, Add	15.93	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	31.86	
02 41 19 13-0100 EA Drill 3" Diameter Core In >4" To 6" Concrete.....	96.61	
For Horizontal Cores, Add	19.12	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	38.25	
02 41 19 13-0101 EA Drill 4" Diameter Core In >4" To 6" Concrete.....	120.84	
For Horizontal Cores, Add	23.90	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	47.81	
02 41 19 13-0102 EA Drill 6" Diameter Core In >4" To 6" Concrete.....	161.00	
For Horizontal Cores, Add	31.87	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	63.74	
02 41 19 13-0103 EA Drill 8" Diameter Core In >4" To 6" Concrete.....	241.28	
For Horizontal Cores, Add	47.81	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	95.62	
02 41 19 13-0104 EA Drill 10" Diameter Core In >4" To 6" Concrete.....	281.91	
For Horizontal Cores, Add	55.78	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	111.56	
02 41 19 13-0105 EA Drill 12" Diameter Core In >4" To 6" Concrete.....	322.31	
For Horizontal Cores, Add	63.74	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	127.48	
02 41 19 13-0106 EA Drill 14" Diameter Core In >4" To 6" Concrete.....	362.92	
For Horizontal Cores, Add	71.71	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	143.41	

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 13-0107	EA	Drill 18" Diameter Core In >4" To 6" Concrete.....	404.08	
		<i>For Horizontal Cores, Add</i>	79.68	
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	159.36	
02 41 19 13-0108 >6" To 8" Thick Concrete Core Drilling (02 41 19 13-0083)				
02 41 19 13-0109	EA	Drill 1" Diameter Core In >6" To 8" Concrete.....	71.98	
		<i>For Horizontal Cores, Add</i>	14.20	
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	28.40	
02 41 19 13-0110	EA	Drill 1-1/2" Diameter Core In >6" To 8" Concrete.....	79.86	
		<i>For Horizontal Cores, Add</i>	15.78	
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	31.55	
02 41 19 13-0111	EA	Drill 2" Diameter Core In >6" To 8" Concrete.....	88.63	
		<i>For Horizontal Cores, Add</i>	17.53	
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	35.06	
02 41 19 13-0112	EA	Drill 3" Diameter Core In >6" To 8" Concrete.....	104.94	
		<i>For Horizontal Cores, Add</i>	20.72	
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	41.44	
02 41 19 13-0113	EA	Drill 4" Diameter Core In >6" To 8" Concrete.....	137.22	
		<i>For Horizontal Cores, Add</i>	27.09	
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	54.18	
02 41 19 13-0114	EA	Drill 6" Diameter Core In >6" To 8" Concrete.....	193.44	
		<i>For Horizontal Cores, Add</i>	38.25	
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	76.50	
02 41 19 13-0115	EA	Drill 8" Diameter Core In >6" To 8" Concrete.....	321.69	
		<i>For Horizontal Cores, Add</i>	63.74	
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	127.48	
02 41 19 13-0116	EA	Drill 10" Diameter Core In >6" To 8" Concrete.....	362.54	
		<i>For Horizontal Cores, Add</i>	71.71	
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	143.41	
02 41 19 13-0117	EA	Drill 12" Diameter Core In >6" To 8" Concrete.....	403.20	
		<i>For Horizontal Cores, Add</i>	79.68	
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	159.36	
02 41 19 13-0118	EA	Drill 14" Diameter Core In >6" To 8" Concrete.....	444.06	
		<i>For Horizontal Cores, Add</i>	87.63	
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	175.26	
02 41 19 13-0119	EA	Drill 18" Diameter Core In >6" To 8" Concrete.....	485.77	
		<i>For Horizontal Cores, Add</i>	95.62	
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	191.24	
02 41 19 13-0120 >8" To 10" Thick Concrete Core Drilling (02 41 19 13-0083)				
02 41 19 13-0121	EA	Drill 1" Diameter Core In >8" To 10" Concrete.....	85.14	
		<i>For Horizontal Cores, Add</i>	16.78	
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	33.56	
02 41 19 13-0122	EA	Drill 1-1/2" Diameter Core In >8" To 10" Concrete.....	94.47	
		<i>For Horizontal Cores, Add</i>	18.65	
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	37.29	
02 41 19 13-0123	EA	Drill 2" Diameter Core In >8" To 10" Concrete.....	104.82	
		<i>For Horizontal Cores, Add</i>	20.72	
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	41.43	
02 41 19 13-0124	EA	Drill 3" Diameter Core In >8" To 10" Concrete.....	121.23	
		<i>For Horizontal Cores, Add</i>	23.90	
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	47.81	
02 41 19 13-0125	EA	Drill 4" Diameter Core In >8" To 10" Concrete.....	137.68	
		<i>For Horizontal Cores, Add</i>	27.09	
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	54.18	
02 41 19 13-0126	EA	Drill 6" Diameter Core In >8" To 10" Concrete.....	194.00	
		<i>For Horizontal Cores, Add</i>	38.25	
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	76.50	
02 41 19 13-0127	EA	Drill 8" Diameter Core In >8" To 10" Concrete.....	322.45	
		<i>For Horizontal Cores, Add</i>	63.74	
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	127.48	
02 41 19 13-0128	EA	Drill 10" Diameter Core In >8" To 10" Concrete.....	363.54	
		<i>For Horizontal Cores, Add</i>	71.71	
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	143.41	
02 41 19 13-0129	EA	Drill 12" Diameter Core In >8" To 10" Concrete.....	404.32	
		<i>For Horizontal Cores, Add</i>	79.66	
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	159.32	
02 41 19 13-0130	EA	Drill 14" Diameter Core In >8" To 10" Concrete.....	445.57	
		<i>For Horizontal Cores, Add</i>	87.63	
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	175.26	
02 41 19 13-0131	EA	Drill 18" Diameter Core In >8" To 10" Concrete.....	487.65	
		<i>For Horizontal Cores, Add</i>	95.59	
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	191.19	
02 41 19 13-0132 >10" To 12" Thick Concrete Core Drilling (02 41 19 13-0083)				
02 41 19 13-0133	EA	Drill 1" Diameter Core In >10" To 12" Concrete.....	91.86	
		<i>For Horizontal Cores, Add</i>	18.07	
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	36.14	
02 41 19 13-0134	EA	Drill 1-1/2" Diameter Core In >10" To 12" Concrete.....	101.90	
		<i>For Horizontal Cores, Add</i>	20.08	
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	40.16	



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 13-0135 EA Drill 2" Diameter Core In >10" To 12" Concrete.....	113.06	
For Horizontal Cores, Add	22.31	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	44.62	
02 41 19 13-0136 EA Drill 3" Diameter Core In >10" To 12" Concrete.....	121.59	
For Horizontal Cores, Add	23.90	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	47.81	
02 41 19 13-0137 EA Drill 4" Diameter Core In >10" To 12" Concrete.....	162.05	
For Horizontal Cores, Add	31.87	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	63.74	
02 41 19 13-0138 EA Drill 6" Diameter Core In >10" To 12" Concrete.....	210.49	
For Horizontal Cores, Add	41.44	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	82.87	
02 41 19 13-0139 EA Drill 8" Diameter Core In >10" To 12" Concrete.....	339.17	
For Horizontal Cores, Add	66.93	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	133.86	
02 41 19 13-0140 EA Drill 10" Diameter Core In >10" To 12" Concrete.....	364.54	
For Horizontal Cores, Add	71.71	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	143.41	
02 41 19 13-0141 EA Drill 12" Diameter Core In >10" To 12" Concrete.....	421.57	
For Horizontal Cores, Add	82.87	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	165.75	
02 41 19 13-0142 >12" Thick Concrete Core Drilling (02 41 19 13-0083)		
02 41 19 13-0143 IN Drill 1" Diameter Core In >12" Concrete.....	11.18	
For Horizontal Cores, Add	2.21	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	4.42	
02 41 19 13-0144 IN Drill 1-1/2" Diameter Core In >12" Concrete.....	12.41	
For Horizontal Cores, Add	2.46	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	4.91	
02 41 19 13-0145 IN Drill 2" Diameter Core In >12" Concrete.....	13.77	
For Horizontal Cores, Add	2.73	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	5.46	
02 41 19 13-0146 IN Drill 3" Diameter Core In >12" Concrete.....	15.11	
For Horizontal Cores, Add	2.99	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	5.98	
02 41 19 13-0147 IN Drill 4" Diameter Core In >12" Concrete.....	20.13	
For Horizontal Cores, Add	3.98	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	7.96	
02 41 19 13-0148 IN Drill 6" Diameter Core In >12" Concrete.....	26.20	
For Horizontal Cores, Add	5.18	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	10.37	
02 41 19 13-0149 IN Drill 8" Diameter Core In >12" Concrete.....	42.25	
For Horizontal Cores, Add	8.37	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	16.75	
02 41 19 13-0150 IN Drill 10" Diameter Core In >12" Concrete.....	45.51	
For Horizontal Cores, Add	9.00	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	18.00	
02 41 19 13-0151 IN Drill 12" Diameter Core In >12" Concrete.....	52.42	
For Horizontal Cores, Add	10.36	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	20.73	
02 41 19 13-0152 Brick/Concrete Block Core Drilling (02 41 19 13-0082)		
02 41 19 13-0153 Up To 4" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0152)		
02 41 19 13-0154 EA Drill 1" Diameter Core In Up To 4" Brick/Concrete Block.....	36.62	
For Horizontal Cores, Add	7.23	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	14.46	
02 41 19 13-0155 EA Drill 1-1/2" Diameter Core In Up To 4" Brick/Concrete Block.....	40.63	
For Horizontal Cores, Add	8.03	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	16.06	
02 41 19 13-0156 EA Drill 2" Diameter Core In Up To 4" Brick/Concrete Block.....	45.09	
For Horizontal Cores, Add	8.92	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	17.85	
02 41 19 13-0157 EA Drill 3" Diameter Core In Up To 4" Brick/Concrete Block.....	64.38	
For Horizontal Cores, Add	12.75	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	25.50	
02 41 19 13-0158 EA Drill 4" Diameter Core In Up To 4" Brick/Concrete Block.....	86.28	
For Horizontal Cores, Add	17.08	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	34.17	
02 41 19 13-0159 EA Drill 6" Diameter Core In Up To 4" Brick/Concrete Block.....	96.70	
For Horizontal Cores, Add	19.12	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	38.25	
02 41 19 13-0160 EA Drill 8" Diameter Core In Up To 4" Brick/Concrete Block.....	154.47	
For Horizontal Cores, Add	30.60	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	61.20	
02 41 19 13-0161 EA Drill 10" Diameter Core In Up To 4" Brick/Concrete Block.....	193.26	
For Horizontal Cores, Add	38.25	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	76.50	
02 41 19 13-0162 EA Drill 12" Diameter Core In Up To 4" Brick/Concrete Block.....	225.53	
For Horizontal Cores, Add	44.62	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	89.25	

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 13-0163	EA	Drill 14" Diameter Core In Up To 4" Brick/Concrete Block	257.83	
		<i>For Horizontal Cores, Add</i>	50.99	
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	101.98	
02 41 19 13-0164	EA	Drill 18" Diameter Core In Up To 4" Brick/Concrete Block	290.51	
		<i>For Horizontal Cores, Add</i>	57.36	
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	114.73	
02 41 19 13-0165 >4" To 6" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0152)				
02 41 19 13-0166	EA	Drill 1" Diameter Core In >4" To 6" Brick/Concrete Block	52.35	
		<i>For Horizontal Cores, Add</i>	10.33	
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	20.65	
02 41 19 13-0167	EA	Drill 1-1/2" Diameter Core In >4" To 6" Brick/Concrete Block	58.08	
		<i>For Horizontal Cores, Add</i>	11.47	
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	22.94	
02 41 19 13-0168	EA	Drill 2" Diameter Core In >4" To 6" Brick/Concrete Block	64.46	
		<i>For Horizontal Cores, Add</i>	12.75	
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	25.50	
02 41 19 13-0169	EA	Drill 3" Diameter Core In >4" To 6" Brick/Concrete Block	77.49	
		<i>For Horizontal Cores, Add</i>	15.30	
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	30.60	
02 41 19 13-0170	EA	Drill 4" Diameter Core In >4" To 6" Brick/Concrete Block	96.94	
		<i>For Horizontal Cores, Add</i>	19.12	
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	38.25	
02 41 19 13-0171	EA	Drill 6" Diameter Core In >4" To 6" Brick/Concrete Block	129.13	
		<i>For Horizontal Cores, Add</i>	25.50	
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	51.00	
02 41 19 13-0172	EA	Drill 8" Diameter Core In >4" To 6" Brick/Concrete Block	193.47	
		<i>For Horizontal Cores, Add</i>	38.25	
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	76.50	
02 41 19 13-0173	EA	Drill 10" Diameter Core In >4" To 6" Brick/Concrete Block	226.13	
		<i>For Horizontal Cores, Add</i>	44.62	
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	89.25	
02 41 19 13-0174	EA	Drill 12" Diameter Core In >4" To 6" Brick/Concrete Block	258.57	
		<i>For Horizontal Cores, Add</i>	50.99	
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	101.98	
02 41 19 13-0175	EA	Drill 14" Diameter Core In >4" To 6" Brick/Concrete Block	291.21	
		<i>For Horizontal Cores, Add</i>	57.36	
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	114.73	
02 41 19 13-0176	EA	Drill 18" Diameter Core In >4" To 6" Brick/Concrete Block	324.40	
		<i>For Horizontal Cores, Add</i>	63.74	
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	127.48	
02 41 19 13-0177 >6" To 8" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0152)				
02 41 19 13-0178	EA	Drill 1" Diameter Core In >6" To 8" Brick/Concrete Block	57.77	
		<i>For Horizontal Cores, Add</i>	11.36	
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	22.72	
02 41 19 13-0179	EA	Drill 1-1/2" Diameter Core In >6" To 8" Brick/Concrete Block	64.09	
		<i>For Horizontal Cores, Add</i>	12.62	
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	25.24	
02 41 19 13-0180	EA	Drill 2" Diameter Core In >6" To 8" Brick/Concrete Block	71.10	
		<i>For Horizontal Cores, Add</i>	14.02	
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	28.05	
02 41 19 13-0181	EA	Drill 3" Diameter Core In >6" To 8" Brick/Concrete Block	84.21	
		<i>For Horizontal Cores, Add</i>	16.57	
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	33.14	
02 41 19 13-0182	EA	Drill 4" Diameter Core In >6" To 8" Brick/Concrete Block	110.13	
		<i>For Horizontal Cores, Add</i>	21.67	
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	43.34	
02 41 19 13-0183	EA	Drill 6" Diameter Core In >6" To 8" Brick/Concrete Block	155.18	
		<i>For Horizontal Cores, Add</i>	30.60	
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	61.20	
02 41 19 13-0184	EA	Drill 8" Diameter Core In >6" To 8" Brick/Concrete Block	257.95	
		<i>For Horizontal Cores, Add</i>	50.99	
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	101.98	
02 41 19 13-0185	EA	Drill 10" Diameter Core In >6" To 8" Brick/Concrete Block	290.83	
		<i>For Horizontal Cores, Add</i>	57.36	
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	114.73	
02 41 19 13-0186	EA	Drill 12" Diameter Core In >6" To 8" Brick/Concrete Block	323.52	
		<i>For Horizontal Cores, Add</i>	63.74	
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	127.48	
02 41 19 13-0187	EA	Drill 14" Diameter Core In >6" To 8" Brick/Concrete Block	356.43	
		<i>For Horizontal Cores, Add</i>	70.10	
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	140.21	
02 41 19 13-0188	EA	Drill 18" Diameter Core In >6" To 8" Brick/Concrete Block	390.15	
		<i>For Horizontal Cores, Add</i>	76.49	
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	152.99	
02 41 19 13-0189 >8" To 10" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0152)				
02 41 19 13-0190	EA	Drill 1" Diameter Core In >8" To 10" Brick/Concrete Block	68.36	
		<i>For Horizontal Cores, Add</i>	13.42	
		<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	26.85	



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 13-0191 EA Drill 1-1/2" Diameter Core In >8" To 10" Brick/Concrete Block For Horizontal Cores, Add For Overhead Ceiling Cores (Where Not Accessible From Above), Add	75.82 14.92 29.83	
02 41 19 13-0192 EA Drill 2" Diameter Core In >8" To 10" Brick/Concrete Block For Horizontal Cores, Add For Overhead Ceiling Cores (Where Not Accessible From Above), Add	84.10 16.57 33.14	
02 41 19 13-0193 EA Drill 3" Diameter Core In >8" To 10" Brick/Concrete Block For Horizontal Cores, Add For Overhead Ceiling Cores (Where Not Accessible From Above), Add	97.33 19.12 38.25	
02 41 19 13-0194 EA Drill 4" Diameter Core In >8" To 10" Brick/Concrete Block For Horizontal Cores, Add For Overhead Ceiling Cores (Where Not Accessible From Above), Add	110.59 21.67 43.34	
02 41 19 13-0195 EA Drill 6" Diameter Core In >8" To 10" Brick/Concrete Block For Horizontal Cores, Add For Overhead Ceiling Cores (Where Not Accessible From Above), Add	155.74 30.80 61.20	
02 41 19 13-0196 EA Drill 8" Diameter Core In >8" To 10" Brick/Concrete Block For Horizontal Cores, Add For Overhead Ceiling Cores (Where Not Accessible From Above), Add	258.71 50.99 101.98	
02 41 19 13-0197 EA Drill 10" Diameter Core In >8" To 10" Brick/Concrete Block For Horizontal Cores, Add For Overhead Ceiling Cores (Where Not Accessible From Above), Add	291.83 57.36 114.73	
02 41 19 13-0198 EA Drill 12" Diameter Core In >8" To 10" Brick/Concrete Block For Horizontal Cores, Add For Overhead Ceiling Cores (Where Not Accessible From Above), Add	324.66 63.73 127.46	
02 41 19 13-0199 EA Drill 14" Diameter Core In >8" To 10" Brick/Concrete Block For Horizontal Cores, Add For Overhead Ceiling Cores (Where Not Accessible From Above), Add	357.94 70.10 140.21	
02 41 19 13-0200 EA Drill 18" Diameter Core In >8" To 10" Brick/Concrete Block For Horizontal Cores, Add For Overhead Ceiling Cores (Where Not Accessible From Above), Add	392.06 76.48 152.95	
02 41 19 13-0201 >10" To 12" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0152)		
02 41 19 13-0202 EA Drill 1" Diameter Core In >10" To 12" Brick/Concrete Block For Horizontal Cores, Add For Overhead Ceiling Cores (Where Not Accessible From Above), Add	73.78 14.46 28.91	
02 41 19 13-0203 EA Drill 1-1/2" Diameter Core In >10" To 12" Brick/Concrete Block For Horizontal Cores, Add For Overhead Ceiling Cores (Where Not Accessible From Above), Add	81.82 16.06 32.13	
02 41 19 13-0204 EA Drill 2" Diameter Core In >10" To 12" Brick/Concrete Block For Horizontal Cores, Add For Overhead Ceiling Cores (Where Not Accessible From Above), Add	90.74 17.85 35.70	
02 41 19 13-0205 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	97.69 19.12 38.25	
02 41 19 13-0206 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	130.18 25.50 51.00	
02 41 19 13-0207 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	169.06 33.15 66.30	
02 41 19 13-0208 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	272.23 53.54 107.09	
02 41 19 13-0209 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	292.83 57.36 114.73	
02 41 19 13-0210 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	338.69 66.30 132.60	
02 41 19 13-0211 >12" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0152)		
02 41 19 13-0212 IN Drill 1" Diameter Core In >12" Brick/Concrete Block For Horizontal Cores, Add For Overhead Ceiling Cores (Where Not Accessible From Above), Add	8.97 1.77 3.54	
02 41 19 13-0213 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	9.95 1.96 3.93	
02 41 19 13-0214 IN Drill 2" Diameter Core In >12" Brick/Concrete Block For Horizontal Cores, Add For Overhead Ceiling Cores (Where Not Accessible From Above), Add	11.04 2.18 4.36	
02 41 19 13-0215 IN Drill 3" Diameter Core In >12" Brick/Concrete Block For Horizontal Cores, Add For Overhead Ceiling Cores (Where Not Accessible From Above), Add	12.12 2.39 4.78	
02 41 19 13-0216 IN Drill 4" Diameter Core In >12" Brick/Concrete Block For Horizontal Cores, Add For Overhead Ceiling Cores (Where Not Accessible From Above), Add	16.15 3.19 6.37	
02 41 19 13-0217 IN Drill 6" Diameter Core In >12" Brick/Concrete Block For Horizontal Cores, Add For Overhead Ceiling Cores (Where Not Accessible From Above), Add	21.01 4.15 8.29	
02 41 19 13-0218 IN Drill 8" Diameter Core In >12" Brick/Concrete Block For Horizontal Cores, Add For Overhead Ceiling Cores (Where Not Accessible From Above), Add	33.88 6.70 13.40	

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 13-0219 IN Drill 10" Diameter Core In >12" Brick/Concrete Block..... <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	36.50 7.20 14.40	
02 41 19 13-0220 IN Drill 12" Diameter Core In >12" Brick/Concrete Block..... <i>For Horizontal Cores, Add</i> <i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	42.06 8.29 16.58	
02 41 19 13-0221 Asphalt Core Drilling (02 41 19 13-0082)		
02 41 19 13-0222 Up To 2" Thick Asphalt Core Drilling (02 41 19 13-0221)		
02 41 19 13-0223 EA Drill 1" Diameter Core In Up To 2" Asphalt.....	21.91	
02 41 19 13-0224 EA Drill 1-1/2" Diameter Core In Up To 2" Asphalt.....	27.40	
02 41 19 13-0225 EA Drill 2" Diameter Core In Up To 2" Asphalt.....	34.25	
02 41 19 13-0226 EA Drill 3" Diameter Core In Up To 2" Asphalt.....	42.48	
02 41 19 13-0227 EA Drill 4" Diameter Core In Up To 2" Asphalt.....	53.45	
02 41 19 13-0228 EA Drill 6" Diameter Core In Up To 2" Asphalt.....	67.16	
02 41 19 13-0229 EA Drill 8" Diameter Core In Up To 2" Asphalt.....	83.64	
02 41 19 13-0230 EA Drill 10" Diameter Core In Up To 2" Asphalt.....	104.17	
02 41 19 13-0231 EA Drill 12" Diameter Core In Up To 2" Asphalt.....	130.19	
02 41 19 13-0232 >2" To 3" Thick Asphalt Core Drilling (02 41 19 13-0221)		
02 41 19 13-0233 EA Drill 1" Diameter Core In >2" To 3" Asphalt.....	27.39	
02 41 19 13-0234 EA Drill 1-1/2" Diameter Core In >2" To 3" Asphalt.....	35.60	
02 41 19 13-0235 EA Drill 2" Diameter Core In >2" To 3" Asphalt.....	43.82	
02 41 19 13-0236 EA Drill 3" Diameter Core In >2" To 3" Asphalt.....	54.78	
02 41 19 13-0237 EA Drill 4" Diameter Core In >2" To 3" Asphalt.....	68.49	
02 41 19 13-0238 EA Drill 6" Diameter Core In >2" To 3" Asphalt.....	86.30	
02 41 19 13-0239 EA Drill 8" Diameter Core In >2" To 3" Asphalt.....	106.89	
02 41 19 13-0240 EA Drill 10" Diameter Core In >2" To 3" Asphalt.....	134.26	
02 41 19 13-0241 EA Drill 12" Diameter Core In >2" To 3" Asphalt.....	167.11	
02 41 19 13-0242 >3" To 4" Thick Asphalt Core Drilling (02 41 19 13-0221)		
02 41 19 13-0243 EA Drill 1" Diameter Core In >3" To 4" Asphalt.....	35.61	
02 41 19 13-0244 EA Drill 1-1/2" Diameter Core In >3" To 4" Asphalt.....	45.21	
02 41 19 13-0245 EA Drill 2" Diameter Core In >3" To 4" Asphalt.....	56.15	
02 41 19 13-0246 EA Drill 3" Diameter Core In >3" To 4" Asphalt.....	69.87	
02 41 19 13-0247 EA Drill 4" Diameter Core In >3" To 4" Asphalt.....	87.71	
02 41 19 13-0248 EA Drill 6" Diameter Core In >3" To 4" Asphalt.....	109.65	
02 41 19 13-0249 EA Drill 8" Diameter Core In >3" To 4" Asphalt.....	137.12	
02 41 19 13-0250 EA Drill 10" Diameter Core In >3" To 4" Asphalt.....	171.33	
02 41 19 13-0251 EA Drill 12" Diameter Core In >3" To 4" Asphalt.....	213.78	
02 41 19 13-0252 >4" To 6" Thick Asphalt Core Drilling (02 41 19 13-0221)		
02 41 19 13-0253 EA Drill 1" Diameter Core In >4" To 6" Asphalt.....	46.60	
02 41 19 13-0254 EA Drill 1-1/2" Diameter Core In >4" To 6" Asphalt.....	57.58	
02 41 19 13-0255 EA Drill 2" Diameter Core In >4" To 6" Asphalt.....	71.28	
02 41 19 13-0256 EA Drill 3" Diameter Core In >4" To 6" Asphalt.....	90.51	
02 41 19 13-0257 EA Drill 4" Diameter Core In >4" To 6" Asphalt.....	112.50	
02 41 19 13-0258 EA Drill 6" Diameter Core In >4" To 6" Asphalt.....	139.93	
02 41 19 13-0259 EA Drill 8" Diameter Core In >4" To 6" Asphalt.....	175.69	
02 41 19 13-0260 EA Drill 10" Diameter Core In >4" To 6" Asphalt.....	219.50	
02 41 19 13-0261 EA Drill 12" Diameter Core In >4" To 6" Asphalt.....	274.31	
02 41 19 13-0262 Manhole Core Drilling (02 41 19 13-0082)		
02 41 19 13-0263 EA Drill 4" Diameter Core In 6" Brick Manhole.....	239.94	
02 41 19 13-0264 EA Drill 5" Diameter Core In 6" Brick Manhole.....	274.21	
02 41 19 13-0265 EA Drill 6" Diameter Core In 6" Brick Manhole.....	319.80	
02 41 19 13-0266 EA Drill 8" Diameter Core In 6" Brick Manhole.....	479.59	
02 41 19 13-0267 EA Drill 2" Diameter Core In 8" Concrete Manhole.....	321.48	
02 41 19 13-0268 EA Drill 3" Diameter Core In 8" Concrete Manhole.....	342.30	
02 41 19 13-0269 EA Drill 4" Diameter Core In 8" Concrete Manhole.....	376.82	
02 41 19 13-0270 EA Drill 5" Diameter Core In 8" Concrete Manhole.....	404.32	
02 41 19 13-0271 EA Drill 6" Diameter Core In 8" Concrete Manhole.....	479.53	
02 41 19 13-0272 EA Drill 8" Diameter Core In 8" Concrete Manhole.....	684.91	
02 41 19 13-0273 EA Drill 2" Diameter Core In Fiberglass Manhole.....	31.89	
02 41 19 13-0274 EA Drill 3" Diameter Core In Fiberglass Manhole.....	36.81	
02 41 19 13-0275 EA Drill 4" Diameter Core In Fiberglass Manhole.....	39.89	
02 41 19 13-0276 EA Drill 5" Diameter Core In Fiberglass Manhole.....	43.52	
02 41 19 13-0277 EA Drill 6" Diameter Core In Fiberglass Manhole.....	47.87	
02 41 19 13-0278 EA Drill 8" Diameter Core In Fiberglass Manhole.....	53.19	
02 41 19 13-0279 Drilling In Concrete Per Inch Of Depth (02 41 19 13-0082)		
Note: Includes layout.		
02 41 19 13-0280 IN 1/4" Diameter Drilling In Concrete Per Inch Of Depth.....	2.34	
02 41 19 13-0281 IN 5/16" Diameter Drilling In Concrete Per Inch Of Depth.....	2.48	



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 13-0282 IN 3/8" Diameter Drilling In Concrete Per Inch Of Depth.....	2.62	
02 41 19 13-0283 IN 1/2" Diameter Drilling In Concrete Per Inch Of Depth.....	2.81	
02 41 19 13-0284 IN 5/8" Diameter Drilling In Concrete Per Inch Of Depth.....	2.99	
02 41 19 13-0285 IN 3/4" Diameter Drilling In Concrete Per Inch Of Depth.....	3.29	
02 41 19 13-0286 IN 7/8" Diameter Drilling In Concrete Per Inch Of Depth.....	3.55	
02 41 19 13-0287 IN 1" Diameter Drilling In Concrete Per Inch Of Depth.....	3.73	
02 41 19 13-0288 IN 1-1/8" Diameter Drilling In Concrete Per Inch Of Depth.....	4.39	
02 41 19 13-0289 IN 1-1/4" Diameter Drilling In Concrete Per Inch Of Depth.....	4.12	
02 41 19 13-0290 IN 1-3/8" Diameter Drilling In Concrete Per Inch Of Depth.....	4.40	
02 41 19 13-0291 IN 1-1/2" Diameter Drilling In Concrete Per Inch Of Depth.....	4.67	
02 41 19 13-0292 IN 1-3/4" Diameter Drilling In Concrete Per Inch Of Depth.....	5.18	
02 41 19 13-0293 IN 2" Diameter Drilling In Concrete Per Inch Of Depth.....	6.02	
02 41 19 13-0294 Drilling In Brick/Concrete Block Per Inch Of Depth (02 41 19 13-0082)		
Note: Includes layout.		
02 41 19 13-0295 IN 1/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth.....	1.96	
02 41 19 13-0296 IN 5/16" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth.....	2.07	
02 41 19 13-0297 IN 3/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth.....	2.18	
02 41 19 13-0298 IN 1/2" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth.....	2.34	
02 41 19 13-0299 IN 5/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth.....	2.49	
02 41 19 13-0300 IN 3/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth.....	2.73	
02 41 19 13-0301 IN 7/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth.....	2.96	
02 41 19 13-0302 IN 1" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth.....	3.11	
02 41 19 13-0303 IN 1-1/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth.....	3.27	
02 41 19 13-0304 IN 1-1/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth.....	3.43	
02 41 19 13-0305 IN 1-3/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth.....	3.66	
02 41 19 13-0306 IN 1-1/2" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth.....	3.90	
02 41 19 13-0307 IN 1-3/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth.....	4.34	
02 41 19 13-0308 IN 2" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth.....	5.02	
02 41 19 13-0309 Drilling In Wood Or Plastic Per Inch Of Depth (02 41 19 13-0082)		
Note: Includes layout.		
02 41 19 13-0310 IN 1/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	0.97	
02 41 19 13-0311 IN 5/16" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	1.03	
02 41 19 13-0312 IN 3/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	1.09	
02 41 19 13-0313 IN 1/2" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	1.17	
02 41 19 13-0314 IN 5/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	1.24	
02 41 19 13-0315 IN 3/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	1.36	
02 41 19 13-0316 IN 7/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	1.47	
02 41 19 13-0317 IN 1" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	1.56	
02 41 19 13-0318 IN 1-1/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	1.63	
02 41 19 13-0319 IN 1-1/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	1.71	
02 41 19 13-0320 IN 1-3/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	1.82	
02 41 19 13-0321 IN 1-1/2" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	1.94	
02 41 19 13-0322 IN 1-3/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	2.16	
02 41 19 13-0323 IN 2" Diameter Drilling In Wood Or Plastic Per Inch Of Depth.....	2.50	
02 41 19 13-0324 Limestone Core Drilling (02 41 19 13-0082)		
02 41 19 13-0325 10" To 14" Thick Limestone Core Drilling (02 41 19 13-0324)		
02 41 19 13-0326 EA Drill 1" Diameter Core In 10" To 14" Limestone.....	68.81	
02 41 19 13-0327 EA Drill 1-1/2" Diameter Core In 10" To 14" Limestone.....	82.64	
02 41 19 13-0328 EA Drill 2" Diameter Core In 10" To 14" Limestone.....	89.63	
02 41 19 13-0329 EA Drill 3" Diameter Core In 10" To 14" Limestone.....	103.66	
02 41 19 13-0330 EA Drill 4" Diameter Core In 10" To 14" Limestone.....	117.70	
02 41 19 13-0331 EA Drill 6" Diameter Core In 10" To 14" Limestone.....	165.86	
02 41 19 13-0332 EA Drill 8" Diameter Core In 10" To 14" Limestone.....	275.76	
02 41 19 13-0333 15" To 18" Thick Limestone Core Drilling (02 41 19 13-0324)		
02 41 19 13-0334 EA Drill 1" Diameter Core In 15" To 18" Limestone.....	75.77	
02 41 19 13-0335 EA Drill 1-1/2" Diameter Core In 15" To 18" Limestone.....	89.62	
02 41 19 13-0336 EA Drill 2" Diameter Core In 15" To 18" Limestone.....	96.67	
02 41 19 13-0337 EA Drill 3" Diameter Core In 15" To 18" Limestone.....	103.95	
02 41 19 13-0338 EA Drill 4" Diameter Core In 15" To 18" Limestone.....	138.53	
02 41 19 13-0339 EA Drill 6" Diameter Core In 15" To 18" Limestone.....	179.92	
02 41 19 13-0340 EA Drill 8" Diameter Core In 15" To 18" Limestone.....	290.13	
02 41 19 13-0341 19" To 24" Thick Limestone Core Drilling (02 41 19 13-0324)		
02 41 19 13-0342 EA Drill 1" Diameter Core In 19" To 24" Limestone.....	82.69	
02 41 19 13-0343 EA Drill 1-1/2" Diameter Core In 19" To 24" Limestone.....	96.59	
02 41 19 13-0344 EA Drill 2" Diameter Core In 19" To 24" Limestone.....	103.67	
02 41 19 13-0345 EA Drill 3" Diameter Core In 19" To 24" Limestone.....	117.82	
02 41 19 13-0346 EA Drill 4" Diameter Core In 19" To 24" Limestone.....	166.14	
02 41 19 13-0347 EA Drill 6" Diameter Core In 19" To 24" Limestone.....	207.62	
02 41 19 13-0348 EA Drill 8" Diameter Core In 19" To 24" Limestone.....	311.32	

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 13-0349		Minimum Charge For Core Drilling (02 41 19 13-0082)	
02 41 19 13-0350	EA	Core Drill Minimum Charge.....	925.74
		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" or "Drilling In Wood Or Plastic Per Inch Of Depth".	
02 41 19 13-0351		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 13-0352		Reinforced Concrete Slab On Grade Cutouts (02 41 19 13-0351)	
02 41 19 13-0353	SF	4" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	54.98
02 41 19 13-0354	SF	6" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	56.31
02 41 19 13-0355	SF	8" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	61.65
02 41 19 13-0356	SF	10" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	64.98
02 41 19 13-0357	SF	12" Thick Reinforced Concrete Slab On Grade Cutouts, <24 SF	66.64
02 41 19 13-0358		Reinforced Concrete Elevated Slab Cutouts (02 41 19 13-0351)	
		Note: Includes cutting and removing steel decking.	
02 41 19 13-0359	SF	4" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	67.01
02 41 19 13-0360	SF	6" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	71.06
02 41 19 13-0361	SF	8" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	75.12
02 41 19 13-0362	SF	10" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	79.19
02 41 19 13-0363	SF	12" Thick Reinforced Concrete Elevated Slab Cutouts, <24 SF	81.22
02 41 19 13-0364		Reinforced Concrete Wall Cutouts (02 41 19 13-0351)	
02 41 19 13-0365	SF	4" Thick Reinforced Concrete Wall Cutouts, <24 SF	68.72
02 41 19 13-0366	SF	6" Thick Reinforced Concrete Wall Cutouts, <24 SF	72.89
02 41 19 13-0367	SF	8" Thick Reinforced Concrete Wall Cutouts, <24 SF	77.06
02 41 19 13-0368	SF	10" Thick Reinforced Concrete Wall Cutouts, <24 SF	81.22
02 41 19 13-0369	SF	12" Thick Reinforced Concrete Wall Cutouts, <24 SF	83.30
02 41 19 13-0370		Brick Wall Cutouts (02 41 19 13-0351)	
		Note: Excludes toothing.	
02 41 19 13-0371	SF	4" Thick Brick Wall Cutouts, <24 SF	20.83
02 41 19 13-0372	SF	6" Thick Brick Wall Cutouts, <24 SF	34.36
02 41 19 13-0373	SF	8" Thick Brick Wall Cutouts, <24 SF	47.85
02 41 19 13-0374	SF	10" Thick Brick Wall Cutouts, <24 SF	58.31
02 41 19 13-0375	SF	12" Thick Brick Wall Cutouts, <24 SF	69.76
02 41 19 13-0376	SF	16" Thick Brick Wall Cutouts, <24 SF	82.26
02 41 19 13-0377		Concrete Block Wall Cutouts (02 41 19 13-0351)	
		Note: Excludes toothing.	
02 41 19 13-0378	SF	4" Thick Concrete Block Wall Cutouts, <24 SF	34.45
02 41 19 13-0379	SF	6" Thick Concrete Block Wall Cutouts, <24 SF	36.48
02 41 19 13-0380	SF	8" Thick Concrete Block Wall Cutouts, <24 SF	38.52
02 41 19 13-0381	SF	10" Thick Concrete Block Wall Cutouts, <24 SF	40.61
02 41 19 13-0382	SF	12" Thick Concrete Block Wall Cutouts, <24 SF	41.65
02 41 19 13-0383	SF	16" Thick Concrete Block Wall Cutouts, <24 SF	43.74
02 41 19 13-0384		Limestone Cutouts (02 41 19 13-0351)	
02 41 19 13-0385	SF	2" Thick Limestone Cutouts, <24 SF	58.31
02 41 19 13-0386	SF	4" Thick Limestone Cutouts, <24 SF	70.80
02 41 19 13-0387	SF	6" Thick Limestone Cutouts, <24 SF	74.97
02 41 19 13-0388	SF	8" Thick Limestone Cutouts, <24 SF	79.13
02 41 19 13-0389	SF	10" Thick Limestone Cutouts, <24 SF	83.30
02 41 19 13-0390	SF	12" Thick Limestone Cutouts, <24 SF	87.47
02 41 19 13-0391		Toothing Masonry Cutouts (02 41 19 13-0351)	
		Note: For use where existing masonry must be removed in a toothing pattern along horizontal and vertical mortar joints. VLF measurement includes all horizontal cutting.	
02 41 19 13-0392	VLF	Brick, Soft Old Mortar, Toothing Masonry Cutouts	20.83
02 41 19 13-0393	VLF	Brick, Hard Mortar, Toothing Masonry Cutouts	28.11
02 41 19 13-0394	VLF	Concrete Block, Soft Old Mortar, Toothing Masonry Cutouts	12.50
02 41 19 13-0395	VLF	Concrete Block, Hard Mortar, Toothing Masonry Cutouts	16.66
02 41 19 13-0396		Minimum Charge For Cutouts (02 41 19 13-0351)	
		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 13-0397	EA	Cutouts Minimum Charge	416.50



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 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.....	0.28	
02 41 19 16-0004 SF Scarify Concrete Tread And Riser.....	2.38	
02 41 19 16-0005 SF Scarify Concrete Wall.....	2.16	
02 41 19 16-0006 Fireproofing Removal (02 41 19 16)		
02 41 19 16-0007 SF Removal Of Fireproofing From Concrete Or Steel.....	1.38	
02 41 19 16-0008 Demolish Ceiling (02 41 19 16)		
02 41 19 16-0009 SF Demolish Drywall Ceiling.....	1.07	
02 41 19 16-0010 SF Demolish Furred Plastered Ceiling.....	2.49	
02 41 19 16-0011 SF Demolish Suspended Plastered Ceiling And Suspension System.....	1.91	
02 41 19 16-0012 Demolish Concrete Stair (02 41 19 16)		
02 41 19 16-0013 CF Demolish Interior Reinforced Concrete Stairs.....	8.93	
02 41 19 16-0014 CF Demolish Exterior Reinforced Concrete Stairs.....	7.49	
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.....	5.78	
02 41 19 16-0019 SF Demolish 6" Thick Non-Reinforced Concrete Block Interior Partition/Wall.....	6.17	
02 41 19 16-0020 SF Demolish 8" Thick Non-Reinforced Concrete Block Interior Partition/Wall.....	6.96	
02 41 19 16-0021 SF Demolish 12" Thick Non-Reinforced Concrete Block Interior Partition/Wall.....	8.94	
02 41 19 16-0022 SF Demolish 16" Thick Non-Reinforced Concrete Block Interior Partition/Wall.....	11.17	
02 41 19 16-0023 SF Demolish 4" Thick Reinforced Concrete Block Interior Partition/Wall.....	6.94	
02 41 19 16-0024 SF Demolish 6" Thick Reinforced Concrete Block Interior Partition/Wall.....	7.41	
02 41 19 16-0025 SF Demolish 8" Thick Reinforced Concrete Block Interior Partition/Wall.....	8.36	
02 41 19 16-0026 SF Demolish 12" Thick Reinforced Concrete Block Interior Partition/Wall.....	10.73	
02 41 19 16-0027 SF Demolish 16" Thick Reinforced Concrete Block Interior Partition/Wall.....	13.41	
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.....	5.78	
02 41 19 16-0030 SF Demolish 8" Thick Brick Interior Partition/Wall.....	6.96	
02 41 19 16-0031 SF Demolish 12" Thick Brick Interior Partition/Wall.....	8.93	
02 41 19 16-0032 SF Demolish 16" Thick Brick Interior Partition/Wall.....	11.17	
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.....	4.96	
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.....	10.51	
02 41 19 16-0037 SF Demolish 8" Thick Non-Reinforced Concrete Interior Partition/Wall.....	13.15	
02 41 19 16-0038 SF Demolish 12" Thick Non-Reinforced Concrete Interior Partition/Wall.....	18.41	
02 41 19 16-0039 SF Demolish 6" Thick Reinforced Concrete Interior Partition/Wall.....	12.62	
02 41 19 16-0040 SF Demolish 8" Thick Reinforced Concrete Interior Partition/Wall.....	15.87	
02 41 19 16-0041 SF Demolish 12" Thick Reinforced Concrete Interior Partition/Wall.....	22.08	
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.....	1.99	
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.....	3.52	
For Heights >14' To 20', Add		0.53
For Heights >20', Add		0.70
02 41 19 16-0046 SF Demolish Wood Or Metal Framed Interior Partition/Wall With Drywall 2 Sides.....	4.10	
For Heights >14' To 20', Add		0.62
For Heights >20', Add		0.82
02 41 19 16-0047 SF Demolish Wood Or Metal Framed Interior Partition/Wall With Plaster And Lath 1 Side.....	4.49	
For Heights >14' To 20', Add		0.67
For Heights >20', Add		0.90

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 16-0048 SF Demolish Wood Or Metal Framed Interior Partition/Wall With Plaster And Lath 2 Sides For Heights >14' To 20', Add For Heights >20', Add	6.25 0.94 1.25	
02 41 19 16-0049 SF Demolish Plaster And Lath From 1 Side Of An Interior Partition/Wall For Heights >14' To 20', Add For Heights >20', Add	1.85 0.28 0.37	
02 41 19 16-0050 SF Demolish Plaster And Lath From 2 Sides Of An Interior Partition/Wall For Heights >14' To 20', Add For Heights >20', Add	2.21 0.33 0.44	

02 42 Removal and Salvage of Construction Materials (02 40)**02 42 21 Salvage of Construction Materials (02 42)**

Note: Includes placement on pallets and storage on site.

02 42 21 35 Roofing Salvage (02 42 21)**02 42 21 35-0001 Clay Tile Roofing 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.....323.73

02 42 21 47 Flooring Salvage (02 42 21)**02 42 21 47-0001 Flooring 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.....2.95
 02 42 21 47-0003 SF Removal Of Ceramic/Quarry Tile Floor And Salvage 2.95
 02 42 21 47-0004 SF Removal Of Terrazzo Flooring And Salvage 4.07
 02 42 21 47-0005 SF Removal Of Wood Strip Flooring And Salvage 2.38
 02 42 21 47-0006 SF Removal Of Wood Parquet Flooring And Salvage 1.26
 02 42 21 47-0007 SF Removal Of Resilient/Linoleum Flooring And Salvage 0.90

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 39.10
 02 43 13 13-0003 SF >800 To 920 SF, Move Relocatable Metal Frame Building 36.96
 02 43 13 13-0004 SF >920 SF, Move Relocatable Metal Frame Building 34.59
 02 43 13 13-0005 SF Up To 800 SF, Move Relocatable Wood Frame Building 31.37
 02 43 13 13-0006 SF >800 To 920 SF, Move Relocatable Wood Frame Building 29.32
 02 43 13 13-0007 SF >920 SF, Move Relocatable Wood Frame Building 25.94
 02 43 13 13-0008 SF Up To 800 SF, Move Relocatable Wood/Metal Frame Building 37.99
 02 43 13 13-0009 SF >800 To 920 SF, Move Relocatable Wood/Metal Frame Building 34.59
 02 43 13 13-0010 SF >920 SF, Move Relocatable Wood/Metal Frame Building 29.32

02 50 Site Remediation (02)**02 58 Snow Control (02 50)****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 Fence 8.23 2.34

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 Soil 14.44
 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 Soil 8.29
 02 61 13 00-0004 CY Disposal Fees Of Petroleum Contaminated Soil 75.90



Existing Conditions			02
Contaminated Site Material Removal			02 60
Removal and Disposal of Contaminated Soils			02 61

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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 Storage Note: 9.93 SF of liner per 1 ton of petroleum contaminated soil.	1.59	
02 61 13 00-0007	SF		10 Mil Liner For Contaminated Soil Storage Note: 9.93 SF of liner per 1 ton of petroleum contaminated soil.	0.95	
02 61 26			Removal and Disposal of Asbestos Contaminated Soils (02 61) Note: Includes 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: Includes 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 Disposal For Work In Restricted Working Space, Add	1,293.37 388.01	
02 61 26 00-0003	CF		>10 To 100 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal For Work In Restricted Working Space, Add	85.73 25.72	
02 61 26 00-0004	CF		>100 To 250 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal For Work In Restricted Working Space, Add	57.16 17.15	
02 61 26 00-0005	CF		>250 To 500 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal For Work In Restricted Working Space, Add	42.94 12.88	
02 61 26 00-0006	CF		>500 To 2,500 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal For Work In Restricted Working Space, Add	34.30 10.29	
02 61 26 00-0007	CF		>2,500 To 10,000 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal For Work In Restricted Working Space, Add	29.15 8.75	
02 61 26 00-0008	CF		>10,000 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal For Work In Restricted Working Space, Add	26.23 7.87	
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 00-0048 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 Tank	24.45	
02 65 00 00-0004	EA		Collection Of Pumpable Liquids Sample For Underground Storage Tank	24.45	
02 65 00 00-0005	EA		Collection Of Contaminated Soil Sample	24.45	
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 Test Note: The cost is for the in-lab test for Benzene, Toluene, Ethylbenzene, And Xylene using procedure 8020 as detailed in EPA SW-846.	202.69	
02 65 00 00-0008	EA		Flashpoint, Lab Test Note: The cost is for the in-lab test for the flashpoint using procedure 40CFR 261.21 as detailed in EPA SW-846.	78.82	
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.	189.62	
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.	202.69	
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.	157.65	
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.	427.90	
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.	788.24	
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.	94.81	
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.	168.91	
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.	225.21	
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.	252.24	

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

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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.	33.78	
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.	33.78	
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.	33.78	
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.	63.06	
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.	360.34	
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.	130.36	
02 65 00 00-0024	EA	pH, Lab Test	27.03	
02 65 00 00-0025	EA	Lab Test - Polychlorinated Biphenyl (PCB) In Wastewater	337.82	
02 65 00 00-0026	EA	Methyl Tertiary Butyl Ether (MTBE), Lab Test	202.69	
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.	1,130.47	
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	197.74	
02 65 00 00-0030	EA	Check And Report On Monitor Probes..... Note: By Certified Technician	45.67	
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.	320.14	
02 65 00 00-0032	EA	Removal And Replacement Of Anode On Impressed System.....	177.56	
02 65 00 00-0033	EA	Removal And Replacement Of Power Converter On Impressed System On Underground Storage Tank	254.74	
02 65 00 00-0034	EA	Removal And Replacement Of Monitor Probes On Underground Storage Tank	348.07	
02 65 00 00-0035	EA	Ultrasonic Test On Underground Storage Tank.....	208.46	
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	110.54	
02 65 00 00-0038	HR	Certified Geologist/Environmentalist	122.50	
02 65 00 00-0039	HR	Hourly Office Work For Reports Required For EPA On Underground Storage Tank..... Note: Includes title searches, well survey data, site drawings, submitting preliminary work, etc. Hours not to be used in association with other tasks performed.	131.53	
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 Note: Per gallon of material transferred.	0.62	
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	1.87	
02 65 00 00-0045	GAL	Removal and Disposal Of Non-Hazardous Liquid From Tank	0.83	
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.....	7.01	
02 65 00 00-0048	GAL	Removal and Disposal Of Non-Hazardous Solids Or Sludge From Tank.....	1.57	
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..... Note: Approximately 1.5 To 3.0 LBS of dry ice per 100 Gals of tank volume.	5.16	
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	346.04	
02 65 00 00-0054	EA	>275 To 550 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	454.12	
02 65 00 00-0055	EA	>550 To 1,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	589.43	
02 65 00 00-0056	EA	>1,000 To 2,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	798.10	
02 65 00 00-0057	EA	>2,000 To 5,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	1,547.90	
02 65 00 00-0058	EA	>5,000 To 6,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	1,861.28	
02 65 00 00-0059	EA	>6,000 To 8,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	2,135.87	



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

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 65 00 00-0060	EA		>8,000 To 10,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	2,581.79	
02 65 00 00-0061	EA		>10,000 To 15,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	3,390.12	
02 65 00 00-0062	EA		>15,000 To 20,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	4,003.76	
02 65 00 00-0063	EA		>20,000 To 30,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	5,075.00	
02 65 00 00-0064	EA		>30,000 To 40,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	6,250.49	
02 65 00 00-0065	EA		>40,000 To 50,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	7,648.13	
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.....	255.30	
02 65 00 00-0068	EA		>275 To 550 Gallon Tank, Scrape Clean Tank Exterior.....	339.96	
02 65 00 00-0069	EA		>550 To 1,000 Gallon Tank, Scrape Clean Tank Exterior.....	445.46	
02 65 00 00-0070	EA		>1,000 To 2,000 Gallon Tank, Scrape Clean Tank Exterior.....	616.87	
02 65 00 00-0071	EA		>2,000 To 5,000 Gallon Tank, Scrape Clean Tank Exterior.....	1,366.09	
02 65 00 00-0072	EA		>5,000 To 6,000 Gallon Tank, Scrape Clean Tank Exterior.....	1,729.75	
02 65 00 00-0073	EA		>6,000 To 8,000 Gallon Tank, Scrape Clean Tank Exterior.....	2,024.13	
02 65 00 00-0074	EA		>8,000 To 10,000 Gallon Tank, Scrape Clean Tank Exterior.....	2,544.61	
02 65 00 00-0075	EA		>10,000 To 15,000 Gallon Tank, Scrape Clean Tank Exterior.....	3,307.37	
02 65 00 00-0076	EA		>15,000 To 20,000 Gallon Tank, Scrape Clean Tank Exterior.....	4,151.40	
02 65 00 00-0077	EA		>20,000 To 30,000 Gallon Tank, Scrape Clean Tank Exterior.....	5,405.48	
02 65 00 00-0078	EA		>30,000 To 40,000 Gallon Tank, Scrape Clean Tank Exterior.....	6,486.57	
02 65 00 00-0079	EA		>40,000 To 50,000 Gallon Tank, Scrape Clean Tank Exterior.....	8,108.22	
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.....	20.12	
02 65 00 00-0083	LF		>4" To 8", Removal And Disposal Of Piping.....	26.82	
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.....	734.66	
02 65 00 00-0086	EA		>275 To 550 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	892.09	
02 65 00 00-0087	EA		>550 To 1,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	1,049.53	
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.....	1,311.91	
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.....	1,836.66	
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.....	2,308.95	
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.....	2,623.80	
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.....	3,148.57	
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.....	4,198.09	
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.....	5,032.58	
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.....	5,897.15	
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.....	6,899.16	
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.....	8,623.95	
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.....	856.96	
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.....	1,598.12	
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.....	1,922.38	
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.....	2,142.41	
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.....	2,570.89	
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.....	3,196.25	
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.....	3,844.76	
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.....	4,805.94	
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.....	6,007.44	
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.....	7,509.28	
02 65 00 00-0109 Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station (02 65 00 00-0080)					
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.....	318.87	
			For Each Additional Mile >15 Miles, Add.....	4.92	
02 65 00 00-0111	EA		>275 To 550 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	431.73	
			For Each Additional Mile >15 Miles, Add.....	6.21	
02 65 00 00-0112	EA		>550 To 1,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	678.15	
			For Each Additional Mile >15 Miles, Add.....	9.31	
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.....	1,045.88	
			For Each Additional Mile >15 Miles, Add.....	10.86	
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.....	1,845.65	
			For Each Additional Mile >15 Miles, Add.....	19.14	

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

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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.....	1,907.73	
For Each Additional Mile >15 Miles, Add	20.69	
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.....	2,011.21	
For Each Additional Mile >15 Miles, Add	23.28	
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.....	2,912.56	
For Each Additional Mile >15 Miles, Add	31.04	
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.....	4,002.05	
For Each Additional Mile >15 Miles, Add	46.56	
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.....	4,677.67	
For Each Additional Mile >15 Miles, Add	51.74	
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.....	5,784.35	
For Each Additional Mile >15 Miles, Add	62.08	
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.....	8,074.16	
For Each Additional Mile >15 Miles, Add	74.50	
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.....	9,743.77	
For Each Additional Mile >15 Miles, Add	85.68	
02 65 00 00-0123 Other Storage Tank Removals (02 65 00 00-0080)		
02 65 00 00-0124 GAL Removal Of Cement Lining	0.64	
02 65 00 00-0125 GAL Sandblast Tank In Prep For Lining Or Welding; Remove Sand, Vacuum Walls And Seams	0.23	
02 65 00 00-0126 GAL Install Epoxy For Interior Corrosion Protection	1.34	
02 65 00 00-0127 Tank Closure Report (02 65 00 00-0080)		
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	3,303.86	
02 65 00 00-0129 Temporary Tanks (02 65)		
02 65 00 00-0130 Temporary Holding Tanks (02 65 00 00-0129)		
02 65 00 00-0131 Above Ground Temporary Holding Tanks, Monthly Rental (02 65 00 00-0130)		
02 65 00 00-0132 MO 550 Gallon, Stainless Steel, DOT Approved, Above Ground Temporary Holding Tanks, Monthly Rental	937.13	
02 65 00 00-0133 MO 630 Gallon, Polyethylene, DOT Approved, Above Ground Temporary Holding Tanks, Monthly Rental	937.13	
02 65 00 00-0134 MO 630 Gallon, Polyethylene, Stackable, Above Ground Temporary Holding Tanks, Monthly Rental	1,874.25	
02 65 00 00-0135 MO 4,000 Gallon, Polyethylene, Stackable, Above Ground Temporary Holding Tanks, Monthly Rental	1,405.69	
02 65 00 00-0136 MO 4,000 Gallon, Polyethylene, Trailer Mounted, Above Ground Temporary Holding Tanks, Monthly Rental	3,279.95	
02 65 00 00-0137 MO 6,000 Gallon, Polyethylene, Total Drain, Above Ground Temporary Holding Tanks, Monthly Rental	2,342.82	
02 65 00 00-0138 MO 21,000 Gallon (500 BBL), Steel, Open, Stationary, Above Ground Temporary Holding Tanks, Monthly Rental	6,068.30	
02 65 00 00-0139 MO 21,000 Gallon (500 BBL), Steel, Closed, Stationary, Above Ground Temporary Holding Tanks, Monthly Rental	7,272.33	
02 65 00 00-0140 MO 21,000 Gallon (500 BBL), Steel, Vapor Proof, Above Ground Temporary Holding Tanks, Monthly Rental	12,281.09	
02 65 00 00-0141 Secondary Containment Berm (02 65 00 00-0129)		
02 65 00 00-0142 MO Secondary Containment Berm Monthly Rental	2,030.44	
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	658.04	
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	103.41	
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	470.02	
Note: Excludes draining, placing in approved container, and transporting to disposal site.		
02 81 00 00-0005 DRM Disposal Of Toxic Polychlorinated Biphenyl (PCB) Oil By Incineration, Per Partial Or Full 55-Gallon Drum	846.04	
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	112.85	
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 00-0039 for temporary stud walls, 01 74 19 00-0048 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 00-0020 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: Includes 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	104.59	
02 82 13 00-0003 EA 48 Hours Or Longer Turnaround, (Bulk Point Counting) PLM Test, Asbestos Testing	61.22	
02 82 13 00-0004 EA Next Day Turnaround, (Bulk Point Counting) PLM Test, Asbestos Testing	71.77	
02 82 13 00-0005 EA Same Day Turnaround, (Bulk Point Counting) PLM Test, Asbestos Testing	113.99	



Existing Conditions			02
Facility Remediation			02 80
Asbestos Remediation			02 82

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 13 00-0006	EA	48 Hours Or Longer Turnaround, (Bulk) TEM Test, Asbestos Testing	196.32	
02 82 13 00-0007	EA	Next Day Turnaround, (Bulk) TEM Test, Asbestos Testing	238.54	
02 82 13 00-0008	EA	48 Hours Or Longer Turnaround, (Air) PCM Test, Asbestos Testing.....	48.55	
02 82 13 00-0009	EA	Next Day Turnaround, (Air) PCM Test, Asbestos Testing	59.11	
02 82 13 00-0010	EA	Same Day Turnaround, (Air) PCM Test, Asbestos Testing	80.22	
02 82 13 00-0011	EA	48 Hours Or Longer Turnaround, (Air Point Counting) PLM Test	61.22	
02 82 13 00-0012	EA	Next Day Turnaround, (Air Point Counting) PLM Test	71.77	
02 82 13 00-0013	EA	Same Day Turnaround, (Air Point Counting) PLM Test	113.99	
02 82 13 00-0014	EA	48 Hours Or Longer Turnaround, (Air) TEM Test, Asbestos Testing	196.32	
02 82 13 00-0015	EA	Next Day Turnaround, (Air) TEM Test, Asbestos Testing.....	225.88	
02 82 13 00-0016	EA	Same Day Turnaround, (Air) TEM Test, Asbestos Testing	314.54	
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.....	1.74	
02 82 16 00-0003	SF	Asbestos Binding Compound Encapsulant/Sealant, Per Coat Required (Fiberlock® ABC® Asbestos Binding Compound).....	2.37	
02 82 16 00-0004	SF	Asbestos Fiberspray Encapsulation (Fiberlock® ABC Fiberspray®).....	2.54	
02 82 16 00-0005	SF	Asbestos Acrylic Encasement/Encapsulation (Fiberlock® Lag-Kote®).....	2.79	
02 82 16 00-0006	SF	Water Activated Repair Cloth Encapsulant (Fiberlock® Lag-Kwik®).....	8.50	
02 82 16 00-0007	SF	Water Activated Repair Cloth Encapsulant (Fiberlock® Lag-Kloth®).....	9.61	
02 82 33 Removal and Disposal of Asbestos Containing Materials (02 82)				
Note: Includes 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.				
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 00-0031 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	1,310.92	
		For Work In Restricted Working Space, Add	388.01	
02 82 33 00-0005	LF	>20 To 250 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	44.97	
		For Work In Restricted Working Space, Add	13.23	
02 82 33 00-0006	LF	>250 To 500 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	33.95	
		For Work In Restricted Working Space, Add	9.92	
02 82 33 00-0007	LF	>500 To 2,500 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	25.69	
		For Work In Restricted Working Space, Add	7.44	
02 82 33 00-0008	LF	>2,500 To 10,000 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal	19.48	
		For Work In Restricted Working Space, Add	5.58	
02 82 33 00-0009	LF	>10,000 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	17.06	
		For Work In Restricted Working Space, Add	4.85	
02 82 33 00-0010		>6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal (02 82 33 00-0003)		
See CSI section 02 82 33 00-0031 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	1,328.46	
		For Work In Restricted Working Space, Add	388.01	
02 82 33 00-0012	LF	>20 To 250 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	52.47	
		For Work In Restricted Working Space, Add	15.22	
02 82 33 00-0013	LF	>250 To 500 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	39.78	
		For Work In Restricted Working Space, Add	11.41	
02 82 33 00-0014	LF	>500 To 2,500 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	30.26	
		For Work In Restricted Working Space, Add	8.55	
02 82 33 00-0015	LF	>2,500 To 10,000 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	23.13	
		For Work In Restricted Working Space, Add	6.41	
02 82 33 00-0016	LF	>10,000 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	20.35	
		For Work In Restricted Working Space, Add	5.58	
02 82 33 00-0017		>12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal (02 82 33 00-0003)		
See CSI section 02 82 33 00-0031 for projects with less than 10 LF.				
02 82 33 00-0018	SET	Up To 20 LF, >12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal	1,346.01	
		For Work In Restricted Working Space, Add	388.01	
02 82 33 00-0019	LF	>20 To 250 LF, >12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	69.95	
		For Work In Restricted Working Space, Add	20.28	
02 82 33 00-0020	LF	>250 To 500 LF, >12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	53.04	
		For Work In Restricted Working Space, Add	15.21	
02 82 33 00-0021	LF	>500 To 2,500 LF, >12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	40.37	
		For Work In Restricted Working Space, Add	11.41	

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 00-0022	LF	>2,500 To 10,000 LF, >12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal..... <i>For Work In Restricted Working Space, Add</i>	30.84 8.55	
02 82 33 00-0023	LF	>10,000 LF, >12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal..... <i>For Work In Restricted Working Space, Add</i>	27.15 7.44	
02 82 33 00-0024		>18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal (02 82 33 00-0002) See CSI section 02 82 33 00-0031 for projects with less than 10 LF.		
02 82 33 00-0025	SET	Up To 20 LF, >18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal..... <i>For Work In Restricted Working Space, Add</i>	1,363.56 388.07	
02 82 33 00-0026	LF	>20 To 250 LF, >18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal..... <i>For Work In Restricted Working Space, Add</i>	96.19 27.89	
02 82 33 00-0027	LF	>250 To 500 LF, >18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal..... <i>For Work In Restricted Working Space, Add</i>	72.93 20.91	
02 82 33 00-0028	LF	>500 To 2,500 LF, >18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal..... <i>For Work In Restricted Working Space, Add</i>	55.51 15.69	
02 82 33 00-0029	LF	>2,500 To 10,000 LF, >18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal..... <i>For Work In Restricted Working Space, Add</i>	42.42 11.76	
02 82 33 00-0030	LF	>10,000 LF, >18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal..... <i>For Work In Restricted Working Space, Add</i>	37.32 10.23	
02 82 33 00-0031		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 00-0032	SET	Glove Bag For First 3 LF Pipe Insulation, Asbestos Abatement And Disposal..... <i>For Work In Restricted Working Space, Add</i>	842.00 251.02	
02 82 33 00-0033	LF	>3 To 20 LF Additional Glove Bag Work for Pipe Insulation..... <i>For Work In Restricted Working Space, Add</i>	141.20 41.84	
02 82 33 00-0034	LF	>20 To 250 LF Additional Glove Bag Work for Pipe Insulation..... <i>For Work In Restricted Working Space, Add</i>	55.89 16.24	
02 82 33 00-0035	LF	>250 To 500 LF Additional Glove Bag Work for Pipe Insulation..... <i>For Work In Restricted Working Space, Add</i>	42.34 12.18	
02 82 33 00-0036	LF	>500 LF Additional Glove Bag Work for Pipe Insulation..... <i>For Work In Restricted Working Space, Add</i>	32.20 9.14	
02 82 33 00-0037		Thermal Insulation, Asbestos Abatement And Disposal (02 82 33 00-0003)		
02 82 33 00-0038		Calcium Block Insulation, Asbestos Abatement And Disposal (02 82 33 00-00037)		
02 82 33 00-0039	SET	Up To 10 SF, Calcium Block Insulation, Asbestos Abatement And Disposal.....	1,302.14	
02 82 33 00-0040	SF	>10 To 500 SF, Calcium Block Insulation, Asbestos Abatement And Disposal.....	53.58	
02 82 33 00-0041	SF	>500 To 2,500 SF, Calcium Block Insulation, Asbestos Abatement And Disposal.....	44.22	
02 82 33 00-0042	SF	>2,500 To 10,000 SF, Calcium Block Insulation, Asbestos Abatement And Disposal.....	35.52	
02 82 33 00-0043	SF	>10,000 SF, Calcium Block Insulation, Asbestos Abatement And Disposal.....	29.01	
02 82 33 00-0044		Fibrous Glass Blanket Insulation, Asbestos Abatement And Disposal (02 82 33 00-00037)		
02 82 33 00-0045	SET	Up To 10 SF, Fibrous Glass Blanket Insulation, Asbestos Abatement And Disposal.....	1,297.76	
02 82 33 00-0046	SF	>10 To 500 SF, Fibrous Glass Blanket Insulation, Asbestos Abatement And Disposal.....	47.12	
02 82 33 00-0047	SF	>500 To 2,500 SF, Fibrous Glass Blanket Insulation, Asbestos Abatement And Disposal.....	37.75	
02 82 33 00-0048	SF	>2,500 To 10,000 SF, Fibrous Glass Blanket Insulation, Asbestos Abatement And Disposal.....	29.06	
02 82 33 00-0049	SF	>10,000 SF, Fibrous Glass Blanket Insulation, Asbestos Abatement And Disposal.....	22.55	
02 82 33 00-0050		Fibrous Glass Board Insulation, Asbestos Abatement And Disposal (02 82 33 00-00037)		
02 82 33 00-0051	SET	Up To 10 SF, Fibrous Glass Board Insulation, Asbestos Abatement And Disposal.....	1,296.29	
02 82 33 00-0052	SF	>10 To 500 SF, Fibrous Glass Board Insulation, Asbestos Abatement And Disposal.....	41.79	
02 82 33 00-0053	SF	>500 To 2,500 SF, Fibrous Glass Board Insulation, Asbestos Abatement And Disposal.....	32.43	
02 82 33 00-0054	SF	>2,500 To 10,000 SF, Fibrous Glass Board Insulation, Asbestos Abatement And Disposal.....	23.73	
02 82 33 00-0055	SF	>10,000 SF, Fibrous Glass Board Insulation, Asbestos Abatement And Disposal.....	17.22	
02 82 33 00-0056		Other Thermal Insulation, Up To 3" Thickness, Asbestos Abatement And Disposal (02 82 33 00-00037) Note: e.g., duct, boiler, tank, etc.		
02 82 33 00-0057	SET	Up To 25 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal.....	1,304.34	
02 82 33 00-0058	SF	>25 To 500 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal.....	44.53	
02 82 33 00-0059	SF	>500 To 2,500 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal.....	35.17	
02 82 33 00-0060	SF	>2,500 To 10,000 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal.....	26.48	
02 82 33 00-0061	SF	>10,000 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal.....	19.97	
02 82 33 00-0062		Surfacing Material, Asbestos Abatement And Disposal (02 82 33 00-00062)		
02 82 33 00-0063		Fireproofing, Asbestos Abatement And Disposal (02 82 33 00-00062) Note: Exposed surface area, includes associated overspray. See CSI section 02 82 33 00-0102 for asbestos abatement for up to 1 sf sections to expose area for attachments.		
02 82 33 00-0064	SET	Up To 25 SF, Fireproofing, Asbestos Abatement And Disposal.....	1,304.34	
02 82 33 00-0065	SF	>25 To 500 SF, Fireproofing, Asbestos Abatement And Disposal.....	53.33	



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 00-0066 SF >500 To 2,500 SF, Fireproofing, Asbestos Abatement And Disposal.....	40.10	
02 82 33 00-0067 SF >2,500 To 10,000 SF, Fireproofing, Asbestos Abatement And Disposal.....	30.19	
02 82 33 00-0068 SF >10,000 SF, Fireproofing, Asbestos Abatement And Disposal.....	22.75	
02 82 33 00-0069 Acoustical Plaster, Asbestos Abatement And Disposal (02 82 33 00-0062) Note: Remove surface coat from brown coat or remove entire assembly, including lathe and finish materials.		
02 82 33 00-0070 SET Up To 25 SF, Acoustical Plaster, Asbestos Abatement And Disposal.....	1,300.68	
02 82 33 00-0071 SF >25 To 500 SF, Acoustical Plaster, Asbestos Abatement And Disposal.....	22.39	
02 82 33 00-0072 SF >500 To 2,500 SF, Acoustical Plaster, Asbestos Abatement And Disposal.....	17.00	
02 82 33 00-0073 SF >2,500 To 10,000 SF, Acoustical Plaster, Asbestos Abatement And Disposal.....	12.68	
02 82 33 00-0074 SF >10,000 SF, Acoustical Plaster, Asbestos Abatement And Disposal.....	9.45	
02 82 33 00-0075 Gypsum Wall Board, Asbestos Abatement And Disposal (02 82 33 00-0082)		
02 82 33 00-0076 SET Up To 50 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal.....	1,307.99	
For Additional Layer, Add	355.68	
02 82 33 00-0077 SF >50 To 500 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal.....	17.26	
For Additional Layer, Add	4.67	
02 82 33 00-0078 SF >500 To 2,500 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal.....	12.68	
For Additional Layer, Add	3.41	
02 82 33 00-0079 SF >2,500 To 10,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal.....	9.99	
For Additional Layer, Add	2.67	
02 82 33 00-0080 SF >10,000 To 50,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal.....	7.84	
For Additional Layer, Add	2.08	
02 82 33 00-0081 SF >50,000 To 100,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal.....	6.22	
For Additional Layer, Add	1.63	
02 82 33 00-0082 SF >100,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal.....	5.03	
For Additional Layer, Add	1.30	
02 82 33 00-0083 Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal (02 82 33 00-0082)		
02 82 33 00-0084 SET Up To 25 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal.....	1,300.68	
02 82 33 00-0085 SF >25 To 500 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal.....	32.51	
02 82 33 00-0086 SF >500 To 2,500 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal.....	23.89	
02 82 33 00-0087 SF >2,500 To 10,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal.....	18.72	
02 82 33 00-0088 SF >10,000 To 50,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal.....	14.63	
02 82 33 00-0089 SF >50,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal.....	10.52	
02 82 33 00-0090 Stucco, Asbestos Abatement And Disposal (02 82 33 00-0062)		
02 82 33 00-0091 SET Up To 50 SF, Stucco, Asbestos Abatement And Disposal.....	1,307.99	
02 82 33 00-0092 SF >50 To 500 SF, Stucco, Asbestos Abatement And Disposal.....	28.41	
02 82 33 00-0093 SF >500 To 2,500 SF, Stucco, Asbestos Abatement And Disposal.....	21.35	
02 82 33 00-0094 SF >2,500 To 10,000 SF, Stucco, Asbestos Abatement And Disposal.....	16.11	
02 82 33 00-0095 SF >10,000 SF, Stucco, Asbestos Abatement And Disposal.....	12.15	
02 82 33 00-0096 Spray On Acoustical Ceiling, Asbestos Abatement And Disposal (02 82 33 00-0062)		
02 82 33 00-0097 SET Up To 50 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal.....	1,307.99	
02 82 33 00-0098 SF >50 To 500 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal.....	14.66	
02 82 33 00-0099 SF >500 To 2,500 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal.....	11.36	
02 82 33 00-0100 SF >2,500 To 10,000 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal.....	8.38	
02 82 33 00-0101 SF >10,000 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal.....	6.34	
02 82 33 00-0102 Fireproofing For Small Areas, Asbestos Abatement And Disposal (02 82 33 00-0062) Note: For asbestos abatement for up to 1 SF sections to expose area for attachments. See CSI section 02 82 33 00-0063 for areas > 1 SF.		
02 82 33 00-0103 EA Up To 1 SF, Fireproofing For Small Areas, Asbestos Abatement And Disposal.....	216.00	
Note: For asbestos abatement for up to 1 SF sections to expose steel area for welding attachments.		
02 82 33 00-0104 Plywood, Asbestos Abatement And Disposal (02 82 33 00-0062)		
02 82 33 00-0105 SET Up To 40 SF, Plywood, Asbestos Abatement And Disposal.....	1,305.07	
02 82 33 00-0106 SF >50 To 500 SF, Plywood, Asbestos Abatement And Disposal.....	18.61	
02 82 33 00-0107 SF >500 To 2,500 SF, Plywood, Asbestos Abatement And Disposal.....	9.11	
02 82 33 00-0108 SF >2,500 To 10,000 SF, Plywood, Asbestos Abatement And Disposal.....	6.24	
02 82 33 00-0109 SF >10,000 SF, Plywood, Asbestos Abatement And Disposal.....	5.36	
02 82 33 00-0110 Flooring Material, Asbestos Abatement And Disposal (02 82 33)		
02 82 33 00-0111 Floor Tile, Linoleum, Carpet Or Base, Asbestos Abatement And Disposal (02 82 33 00-0110)		

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 00-0112		Floor Tile, Asbestos Abatement And Disposal (02 82 33 00-0111) Note: Single layer or first of multiple layers. Excludes mastic.		
02 82 33 00-0113	SET	Up To 100 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal	1,296.29	
		For Each Additional Layer, Add	194.44	
02 82 33 00-0114	SF	>100 To 500 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal	9.11	
		For Each Additional Layer, Add	1.37	
02 82 33 00-0115	SF	>500 To 2,500 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal	7.45	
		For Each Additional Layer, Add	1.12	
02 82 33 00-0116	SF	>2,500 To 10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal	5.94	
		For Each Additional Layer, Add	0.89	
02 82 33 00-0117	SF	>10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal	4.12	
		For Each Additional Layer, Add	0.62	
02 82 33 00-0118		Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal (02 82 33 00-0111) Note: Single layer or first of multiple layers. Excludes mastic.		
02 82 33 00-0119	SET	Up To 100 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal	1,296.29	
		For Each Additional Layer, Add	194.44	
02 82 33 00-0120	SF	>100 To 500 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal	9.11	
		For Each Additional Layer, Add	1.37	
02 82 33 00-0121	SF	>500 To 2,500 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal	7.49	
		For Each Additional Layer, Add	1.12	
02 82 33 00-0122	SF	>2,500 To 10,000 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal	6.79	
		For Each Additional Layer, Add	1.02	
02 82 33 00-0123	SF	>10,000 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal	5.49	
		For Each Additional Layer, Add	0.82	
02 82 33 00-0124		Carpet, Asbestos Abatement And Disposal (02 82 33 00-0111)		
02 82 33 00-0125	SET	Up To 100 SF, Carpet With Non-Friable Asbestos Mastic, Asbestos Abatement And Disposal	1,296.29	
02 82 33 00-0126	SF	>100 To 500 SF, Carpet With Non-Friable Asbestos Mastic, Asbestos Abatement And Disposal	7.15	
02 82 33 00-0127	SF	>500 To 2,500 SF, Carpet With Non-Friable Asbestos Mastic, Asbestos Abatement And Disposal	5.79	
02 82 33 00-0128	SF	>2,500 To 10,000 SF, Carpet With Non-Friable Asbestos Mastic, Asbestos Abatement And Disposal	4.24	
02 82 33 00-0129	SF	>10,000 SF, Carpet With Non-Friable Asbestos Mastic, Asbestos Abatement And Disposal	3.22	
02 82 33 00-0130		Wall Or Cove Base, Asbestos Abatement And Disposal (02 82 33 00-0111) Note: Up to 12".		
02 82 33 00-0131	SET	Up To 25 LF, Wall Base And Mastic, Asbestos Abatement And Disposal	434.77	
02 82 33 00-0132	LF	>25 To 100 LF, Wall Base And Mastic, Asbestos Abatement And Disposal	5.90	
02 82 33 00-0133	LF	>100 To 500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal	3.60	
02 82 33 00-0134	LF	>500 To 2,500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal	2.31	
02 82 33 00-0135	LF	>2,500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal	1.66	
02 82 33 00-0136		Mastic, Asbestos Abatement And Disposal (02 82 33 00-0110) Note: Applies to single layer or bottom layer only of multiple layers. Non-hydrocarbon with pine, citrus or no odor.		
02 82 33 00-0137	SET	Up To 100 SF, Mastic, Asbestos Abatement And Disposal	1,300.69	
		Note: Applies to bottom layer only if multiple layers.		
02 82 33 00-0138	SF	>100 To 500 SF, Mastic, Asbestos Abatement And Disposal	3.29	
		Note: Applies to bottom layer only if multiple layers.		
02 82 33 00-0139	SF	>500 To 2,500 SF, Mastic, Asbestos Abatement And Disposal	2.43	
		Note: Applies to bottom layer only if multiple layers.		
02 82 33 00-0140	SF	>2,500 To 10,000 SF, Mastic, Asbestos Abatement And Disposal	1.89	
		Note: Applies to bottom layer only if multiple layers.		
02 82 33 00-0141	SF	>10,000 SF, Mastic, Asbestos Abatement And Disposal	1.53	
		Note: Applies to bottom layer only if multiple layers.		
02 82 33 00-0142		Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal (02 82 33 00-0110) 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 00-0143	SET	Up To 100 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	1,322.62	
02 82 33 00-0144	SF	>100 To 500 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	10.47	
02 82 33 00-0145	SF	>500 To 2,500 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	7.73	
02 82 33 00-0146	SF	>2,500 To 10,000 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	6.11	
02 82 33 00-0147	SF	>10,000 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	4.82	
02 82 33 00-0148		Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal (02 82 33 00-0110)		
02 82 33 00-0149	SET	Up To 100 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal	1,307.99	
02 82 33 00-0150	SF	>100 To 500 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal	11.68	



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

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0151	SF	>500 To 2,500 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal..... Note: Includes detachment of mounted objects before removal.	7.70	
02 82 33 00-0152	SF	>2,500 To 10,000 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal.....	6.08	
02 82 33 00-0153	SF	>10,000 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal.....	5.00	
02 82 33 00-0154		Roofing, Asbestos Abatement And Disposal (02 82 33)		
02 82 33 00-0155		Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0154) Note: Includes roofing, flashing, sheet metal, insulation, pitch pockets, board etc.		
02 82 33 00-0156		Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0155)		
02 82 33 00-0157	SET	Up To 125 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	1,329.93	
02 82 33 00-0158	SF	>125 To 1,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	8.56	
02 82 33 00-0159	SF	>1,000 To 5,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	6.91	
02 82 33 00-0160	SF	>5,000 To 10,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	5.58	
02 82 33 00-0161	SF	>10,000 To 20,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	4.25	
02 82 33 00-0162	SF	>20,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	3.27	
02 82 33 00-0163		>2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0155)		
02 82 33 00-0164	SET	Up To 110 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	1,357.71	
02 82 33 00-0165	SF	>110 To 1,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	10.00	
02 82 33 00-0166	SF	>1,000 To 5,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	8.08	
02 82 33 00-0167	SF	>5,000 To 10,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	6.63	
02 82 33 00-0168	SF	>10,000 To 20,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	5.11	
02 82 33 00-0169	SF	>20,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	3.96	
02 82 33 00-0170		>5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0155)		
02 82 33 00-0171	SET	Up To 110 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	1,389.88	
02 82 33 00-0172	SF	>110 To 1,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	11.34	
02 82 33 00-0173	SF	>1,000 To 5,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	9.21	
02 82 33 00-0174	SF	>5,000 To 10,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	7.60	
02 82 33 00-0175	SF	>10,000 To 20,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	5.92	
02 82 33 00-0176	SF	>20,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	4.64	
02 82 33 00-0177		Shingles And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0154)		
02 82 33 00-0178		Shingles And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0177)		
02 82 33 00-0179	SET	Up To 125 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal..... Note: Single or first of multiple layers.	1,302.51	
02 82 33 00-0180	SF	>125 To 1,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal..... Note: Single or first of multiple layers.	8.34	
02 82 33 00-0181	SF	For Each Additional Layer, Add >1,000 To 5,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal..... Note: Single or first of multiple layers.	1.67 6.69	
02 82 33 00-0182	SF	For Each Additional Layer, Add >5,000 To 10,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal..... Note: Single or first of multiple layers.	1.34 5.36	
02 82 33 00-0183	SF	For Each Additional Layer, Add >10,000 To 20,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal..... Note: Single or first of multiple layers.	1.07 4.03	
02 82 33 00-0184	SF	For Each Additional Layer, Add >20,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal..... Note: Single or first of multiple layers.	0.81 3.05	
		For Each Additional Layer, Add	0.61	
02 82 33 00-0185		Roof Penetration Mastic, Asbestos Abatement And Disposal (02 82 33 00-0154)		
02 82 33 00-0186	SET	Up To 10 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal.....	431.85	
02 82 33 00-0187	SF	>10 To 50 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal.....	3.30	
02 82 33 00-0188	SF	>50 To 100 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal.....	2.72	
02 82 33 00-0189	SF	>100 To 250 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal.....	2.21	
02 82 33 00-0190	SF	>250 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal.....	1.62	
02 82 33 00-0191		Roof Curb Mastic, Asbestos Abatement And Disposal (02 82 33 00-0154)		
02 82 33 00-0192	SET	Up To 10 LF, Roof Curb Mastic, Asbestos Abatement And Disposal.....	431.85	

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 00-0193	LF	>10 To 20 LF, Roof Curb Mastic, Asbestos Abatement And Disposal.....	9.77	
02 82 33 00-0194	LF	>20 To 50 LF, Roof Curb Mastic, Asbestos Abatement And Disposal.....	7.83	
02 82 33 00-0195	LF	>50 To 150 LF, Roof Curb Mastic, Asbestos Abatement And Disposal.....	6.53	
02 82 33 00-0196	LF	>150 LF, Roof Curb Mastic, Asbestos Abatement And Disposal.....	4.73	
02 82 33 00-0197		Asbestos-Cement Products, Asbestos Abatement And Disposal (02 82 33)		
02 82 33 00-0198		Interior Asbestos-Cement Board, Asbestos Abatement And Disposal (02 82 33 00-0197)		
		Note: Includes detachment of mounted objects before removal.		
02 82 33 00-0199	SET	Up To 100 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal Note: Includes detachment of mounted objects before removal.	1,307.99	
02 82 33 00-0200	SF	>100 To 500 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal Note: Includes detachment of mounted objects before removal.	8.97	
02 82 33 00-0201	SF	>500 To 2,500 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal Note: Includes detachment of mounted objects before removal.	4.56	
02 82 33 00-0202	SF	>2,500 To 10,000 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal Note: Includes detachment of mounted objects before removal.	3.68	
02 82 33 00-0203	SF	>10,000 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal Note: Includes detachment of mounted objects before removal.	3.21	
02 82 33 00-0204		Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal (02 82 33 00-0197)		
02 82 33 00-0205	SET	Up To 100 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal Note: Includes detachment of mounted objects before removal.	1,307.99	
02 82 33 00-0206	SF	>100 To 500 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal.....	7.80	
02 82 33 00-0207	SF	>500 To 2,500 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal.....	4.07	
02 82 33 00-0208	SF	>2,500 To 10,000 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal.....	3.29	
02 82 33 00-0209	SF	>10,000 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal.....	2.87	
02 82 33 00-0210		Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal (02 82 33 00-0197)		
02 82 33 00-0211	SET	Up To 10 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal.....	1,095.35	
02 82 33 00-0212	LF	>10 To 100 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal.....	45.84	
02 82 33 00-0213	LF	>100 To 250 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal.....	34.82	
02 82 33 00-0214	LF	>250 To 500 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal.....	26.56	
02 82 33 00-0215	LF	>500 To 2,500 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal.....	20.35	
02 82 33 00-0216	LF	>2,500 To 10,000 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal.....	15.70	
02 82 33 00-0217	LF	>10,000 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal.....	15.37	
02 82 33 00-0218		Exterior Transite Siding, Asbestos Abatement And Disposal (02 82 33 00-0197)		
02 82 33 00-0219	SET	Up To 125 SF, Exterior Transite Siding, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	1,318.15	
02 82 33 00-0220	SF	>125 To 1,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal..... Note: Single or first of multiple layers.	7.04	
02 82 33 00-0221	SF	>1,000 To 5,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal..... Note: Single or first of multiple layers.	5.67	
02 82 33 00-0222	SF	>5,000 To 10,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal..... Note: Single or first of multiple layers.	4.56	
02 82 33 00-0223	SF	>10,000 To 20,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal..... Note: Single or first of multiple layers.	3.46	
02 82 33 00-0224	SF	>20,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal Note: Single or first of multiple layers.	2.64	
02 82 33 00-0225		Asbestos Contaminated Debris, Asbestos Abatement And Disposal (02 82 33)		
02 82 33 00-0226		Asbestos Contaminated Debris, Asbestos Abatement And Disposal (02 82 33 00-0225)		
02 82 33 00-0227	SET	Up To 10 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal For Work In Restricted Working Space, Add	879.80 258.68	
02 82 33 00-0228	CF	>10 To 100 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal..... For Work In Restricted Working Space, Add	87.48 25.72	
02 82 33 00-0229	CF	>100 To 250 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal..... For Work In Restricted Working Space, Add	58.91 17.15	
02 82 33 00-0230	CF	>250 To 500 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal..... For Work In Restricted Working Space, Add	44.69 12.88	
02 82 33 00-0231	CF	>500 To 2,500 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal..... For Work In Restricted Working Space, Add	36.05 10.29	
02 82 33 00-0232	CF	>2,500 To 10,000 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal..... For Work In Restricted Working Space, Add	30.90 8.75	
02 82 33 00-0233	CF	>10,000 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal..... For Work In Restricted Working Space, Add	27.98 7.87	
02 82 33 00-0234		Other Asbestos Containing Materials, Asbestos Abatement And Disposal (02 82 33)		
02 82 33 00-0235		30" To 36" Fire Door, Asbestos Abatement And Disposal (02 82 33 00-0234)		
02 82 33 00-0236	SET	Up To 1 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal.....	439.02	
02 82 33 00-0237	EA	>1 To 20 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal.....	163.11	



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 00-0238	EA	>20 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal	147.58	
02 82 33 00-0239		HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal (02 82 33 00-0234)		
02 82 33 00-0240	SET	Up To 10 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	431.48	
02 82 33 00-0241	LF	>10 To 50 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	8.86	
02 82 33 00-0242	LF	>50 To 100 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	6.65	
02 82 33 00-0243	LF	>100 To 250 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	5.73	
02 82 33 00-0244	LF	>250 To 1,000 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	4.94	
02 82 33 00-0245	LF	>1,000 To 2,500 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	4.23	
02 82 33 00-0246	LF	>2,500 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	3.65	
02 82 33 00-0247		Grout, Asbestos Abatement And Disposal (02 82 33 00-0234)		
		Note: e.g. flue grout.		
02 82 33 00-0248	SET	Up To 10 LF, Grout, Asbestos Abatement And Disposal	431.36	
02 82 33 00-0249	LF	>10 To 50 LF, Grout, Asbestos Abatement And Disposal	16.99	
02 82 33 00-0250	LF	>50 To 100 LF, Grout, Asbestos Abatement And Disposal	11.70	
02 82 33 00-0251	LF	>100 To 250 LF, Grout, Asbestos Abatement And Disposal	10.03	
02 82 33 00-0252	LF	>250 To 1,000 LF, Grout, Asbestos Abatement And Disposal	8.62	
02 82 33 00-0253	LF	>1,000 To 2,500 LF, Grout, Asbestos Abatement And Disposal	7.43	
02 82 33 00-0254	LF	>2,500 LF, Grout, Asbestos Abatement And Disposal	6.37	
02 82 33 00-0255		Gaskets, Asbestos Abatement And Disposal (02 82 33 00-0234)		
		Note: e.g. rope, web cloth, flat.		
02 82 33 00-0256	SET	Up To 10 LF, Gaskets, Asbestos Abatement And Disposal	431.48	
02 82 33 00-0257	LF	>10 To 50 LF, Gaskets, Asbestos Abatement And Disposal	22.90	
02 82 33 00-0258	LF	>50 To 250 LF, Gaskets, Asbestos Abatement And Disposal	17.18	
02 82 33 00-0259	LF	>250 To 500 LF, Gaskets, Asbestos Abatement And Disposal	14.64	
02 82 33 00-0260	LF	>500 To 1,500 LF, Gaskets, Asbestos Abatement And Disposal	13.19	
02 82 33 00-0261	LF	>1,500 To 2,500 LF, Gaskets, Asbestos Abatement And Disposal	11.85	
02 82 33 00-0262	LF	>2,500 LF, Gaskets, Asbestos Abatement And Disposal	11.28	
02 82 33 00-0263		Ceiling Tile Including Glue Removal, Asbestos Abatement And Disposal (02 82 33 00-0234)		
		Note: e.g. grid, spline, or glued on.		
02 82 33 00-0264	SET	Up To 50 SF, Ceiling Tile, Asbestos Abatement And Disposal	869.56	
		Note: Including Glue Removal		
02 82 33 00-0265	SF	>50 To 1,000 SF, Ceiling Tile, Asbestos Abatement And Disposal	18.47	
		Note: Including Glue Removal		
02 82 33 00-0266	SF	>1,000 To 2,500 SF, Ceiling Tile, Asbestos Abatement And Disposal	8.97	
		Note: Including Glue Removal		
02 82 33 00-0267	SF	>2,500 To 10,000 SF, Ceiling Tile, Asbestos Abatement And Disposal	6.10	
		Note: Including Glue Removal		
02 82 33 00-0268	SF	>10,000 SF, Ceiling Tile, Asbestos Abatement And Disposal	5.22	
		Note: Including Glue Removal		
02 82 33 00-0269		Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal (02 82 33 00-0234)		
		Note: Includes ceiling tile, asbestos barrier paper, and furring strips.		
02 82 33 00-0270	SET	Up To 50 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	866.20	
02 82 33 00-0271	SF	>50 To 1,000 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	18.47	
02 82 33 00-0272	SF	>1,000 To 2,500 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	8.97	
02 82 33 00-0273	SF	>2,500 To 10,000 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	6.10	
02 82 33 00-0274	SF	>10,000 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	5.22	
02 82 33 00-0275		Caulking, Asbestos Abatement And Disposal (02 82 33 00-0234)		
02 82 33 00-0276		Non-Friable Caulking, Asbestos Abatement And Disposal (02 82 33 00-0275)		
02 82 33 00-0277	SET	Up To 10 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal	431.36	
02 82 33 00-0278	LF	>10 To 50 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal	12.74	
02 82 33 00-0279	LF	>50 To 100 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal	8.99	
02 82 33 00-0280	LF	>100 To 250 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal	6.69	
02 82 33 00-0281	LF	>250 To 1,000 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal	5.04	
02 82 33 00-0282	LF	>1,000 To 2,500 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal	3.98	
02 82 33 00-0283	LF	>2,500 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal	3.46	
02 82 33 00-0284		Wood Wall Joint Compound, Asbestos Abatement And Disposal (02 82 33 00-0234)		
02 82 33 00-0285	SET	Up To 10 SF, Wood Wall Joint Compound, Asbestos Abatement And Disposal	862.98	
02 82 33 00-0286	SF	>10 To 500 SF, Wood Wall Joint Compound, Asbestos Abatement And Disposal	17.04	

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 00-0287	SF	>500 To 2,500 SF, Wood Wall Joint Compound, Asbestos Abatement And Disposal.....	12.46	
02 82 33 00-0288	SF	>2,500 To 10,000 SF, Wood Wall Joint Compound, Asbestos Abatement And Disposal.....	9.77	
02 82 33 00-0289	SF	>10,000 SF, Wood Wall Joint Compound, Asbestos Abatement And Disposal.....	7.62	
02 82 33 00-0290		Chalk Board Mastic, Asbestos Abatement And Disposal (02 82 33 00-0234)		
02 82 33 00-0291	SET	Up To 100 SF, Chalk Board Mastic, Asbestos Abatement And Disposal.....	438.44	
02 82 33 00-0292	SF	>100 To 1,000 SF, Chalk Board Mastic, Asbestos Abatement And Disposal.....	18.39	
02 82 33 00-0293	SF	>1,000 To 2,500 SF, Chalk Board Mastic, Asbestos Abatement And Disposal.....	8.89	
02 82 33 00-0294	SF	>2,500 To 10,000 SF, Chalk Board Mastic, Asbestos Abatement And Disposal.....	6.02	
02 82 33 00-0295	SF	>10,000 SF, Chalk Board Mastic, Asbestos Abatement And Disposal.....	5.14	
02 82 33 00-0296		Tack Board Mastic, Asbestos Abatement And Disposal (02 82 33 00-0234)		
02 82 33 00-0297	SET	Up To 100 SF, Tack Board Mastic, Asbestos Abatement And Disposal.....	438.44	
02 82 33 00-0298	SF	>100 To 1,000 SF, Tack Board Mastic, Asbestos Abatement And Disposal.....	18.39	
02 82 33 00-0299	SF	>1,000 To 2,500 SF, Tack Board Mastic, Asbestos Abatement And Disposal.....	8.89	
02 82 33 00-0300	SF	>2,500 To 10,000 SF, Tack Board Mastic, Asbestos Abatement And Disposal.....	6.02	
02 82 33 00-0301	SF	>10,000 SF, Tack Board Mastic, Asbestos Abatement And Disposal.....	5.14	
02 82 33 00-0302		Dash Coat Over Wood Walls, Asbestos Abatement And Disposal (02 82 33 00-0234)		
02 82 33 00-0303	SET	Up To 10 SF, Dash Coat Over Wood Walls, Asbestos Abatement And Disposal.....	862.98	
02 82 33 00-0304	SF	>10 To 500 SF, Dash Coat Over Wood Walls, Asbestos Abatement And Disposal.....	18.93	
02 82 33 00-0305	SF	>500 To 2,500 SF, Dash Coat Over Wood Walls, Asbestos Abatement And Disposal.....	14.12	
02 82 33 00-0306	SF	>2,500 To 10,000 SF, Dash Coat Over Wood Walls, Asbestos Abatement And Disposal.....	10.61	
02 82 33 00-0307	SF	>10,000 SF, Dash Coat Over Wood Walls, Asbestos Abatement And Disposal.....	7.98	
02 82 33 00-0308		HEPA Vacuum, Asbestos Abatement And Disposal (02 82 33 00-0234)		
		Note: For adjacent areas.		
02 82 33 00-0309	SF	High Efficiency Particulate Air (HEPA) Vacuum And Cleaning Of Contaminated Area.....	0.80	
02 82 33 00-0310		Window Putty, Asbestos Abatement And Disposal (02 82 33 00-0234)		
02 82 33 00-0311	SET	Up To 10 LF, Window Putty, Asbestos Abatement And Disposal.....	431.36	
02 82 33 00-0312	LF	>10 To 50 LF, Window Putty, Asbestos Abatement And Disposal.....	16.99	
02 82 33 00-0313	LF	>50 To 100 LF, Window Putty, Asbestos Abatement And Disposal.....	11.70	
02 82 33 00-0314	LF	>100 To 250 LF, Window Putty, Asbestos Abatement And Disposal.....	10.03	
02 82 33 00-0315	LF	>250 To 1,000 LF, Window Putty, Asbestos Abatement And Disposal.....	8.62	
02 82 33 00-0316	LF	>1,000 LF, Window Putty, Asbestos Abatement And Disposal.....	7.43	
02 82 33 00-0317		Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal (02 82 33 00-0234)		
02 82 33 00-0318	SET	Up To 4 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal.....	895.94	
02 82 33 00-0319	EA	>4 To 40 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal.....	85.58	
02 82 33 00-0320	EA	>40 To 60 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal.....	59.86	
02 82 33 00-0321	EA	>60 To 125 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal.....	47.06	
02 82 33 00-0322	EA	>125 To 625 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal.....	39.28	
02 82 33 00-0323	EA	>625 To 1,500 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal.....	34.65	
02 82 33 00-0324	EA	>1,500 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal.....	32.02	
02 83 Lead Remediation (02 80)		See CSI section 01 56 16 00-0039 for temporary stud walls, 01 74 19 00-0048 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 00-0020 for decontamination chambers.		
02 83 19 Lead-Based Paint Remediation (02 83)				
02 83 19 13 Lead-Based Paint Abatement (02 83 19)		Note: Includes 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 56 16 00-0039 for temporary stud walls, 01 74 19 00-0048 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0003 for plastic sheeting.		
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.....	1,287.96	
		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: Includes 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.....	97.62	



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 13-0005	EA		X-Ray Fluorescence (XRF) Lead Testing.....	72.77	
			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.....	69.66	
02 83 19 13-0007	EA		48 Hour Turnaround Toxicity Characteristic Leaching Procedure (TCLP) Lead Test And Lab Fee.....	105.55	
02 83 19 13-0008	EA		24 Hour Turnaround Toxicity Characteristic Leaching Procedure (TCLP) Lead Test And Lab Fee.....	147.77	
02 83 19 13-0009	EA		5 Day Turnaround Total Threshold Leaching Concentration (TTLC) Lead Test And Lab Fee.....	27.44	
02 83 19 13-0010	EA		24 Hour Turnaround Total Threshold Leaching Concentration (TTLC) Lead Test And Lab Fee.....	42.22	
02 83 19 13-0011	EA		8 Hour Turnaround Total Threshold Leaching Concentration (TTLC) Lead Test And Lab Fee.....	52.78	
02 83 19 13-0012	EA		5 Day Turnaround Soluble Threshold Limit Concentration (STLC) Lead Test And Lab Fee.....	69.66	
02 83 19 13-0013	EA		3 Day Turnaround Soluble Threshold Limit Concentration (STLC) Lead Test And Lab Fee.....	105.55	
02 83 19 13-0014	EA		5 Day Turnaround Lead Wipe Samples And Lab Fee.....	11.61	
02 83 19 13-0015	EA		24 Hour Turnaround Lead Wipe Samples And Lab Fee.....	15.83	
02 83 19 13-0016	EA		8 Hour Turnaround Lead Wipe Samples And Lab Fee.....	23.22	
02 83 19 13-0017	EA		5 Day Turnaround Lead Bulk Samples And Lab Fee.....	11.61	
02 83 19 13-0018	EA		24 Hour Turnaround Lead Bulk Samples And Lab Fee.....	15.83	
02 83 19 13-0019	EA		8 Hour Turnaround Lead Bulk Samples And Lab Fee.....	23.22	
02 83 19 13-0020	EA		5 Day Turnaround Lead Air Samples And Lab Fee.....	11.61	
02 83 19 13-0021	EA		24 Hour Turnaround Lead Air Samples And Lab Fee.....	15.83	
02 83 19 13-0022	EA		8 Hour Turnaround Lead Air Samples And Lab Fee.....	23.22	
02 83 19 13-0023	EA		5 Day Turnaround Lead Water Test and Lab Fee.....	42.22	
02 83 19 13-0024	EA		24 Hour Turnaround Lead Water Test and Lab Fee.....	63.33	
02 83 19 13-0025	EA		8 Hour Turnaround Lead Water Test and Lab Fee.....	84.44	
02 83 19 13-0026	EA		5 Day Turnaround Lead Paint Chip Test and Lab Fee.....	43.66	
02 83 19 13-0027	EA		5 Day Turnaround Lead Soil Test and Lab Fee.....	87.33	
02 83 19 13-0028			Scrape And Sand Lead Paint (02 83 19 13)		
02 83 19 13-0029	SF		Hand Scrape Lead Paint From Concrete Or Masonry Surfaces.....	1.41	
02 83 19 13-0030	SF		Scrape Lead Paint, Repair And Sand Severely Damaged Drywall Surfaces.....	1.47	
02 83 19 13-0031	SF		Hand Scrape Lead Paint From Wood Surfaces.....	1.93	
02 83 19 13-0032	SF		Hand Scraping And Sanding Lead Paint From Metal Surfaces.....	1.98	
02 83 19 13-0033			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 be limited to, chromium, cadmium and mercury.		
02 83 19 13-0034	SF		Balustrades, Chemical Stripping Of Lead Contaminated Material.....	37.41	
			For 0.025" (25 mil) Application, Add	2.12	
			For 0.03" (30 mil) Application, Add	3.34	
02 83 19 13-0035	SF		Balustrades, Ornate, Chemical Stripping Of Lead Contaminated Material.....	55.48	
			For 0.025" (25 mil) Application, Add	3.02	
			For 0.03" (30 mil) Application, Add	4.69	
02 83 19 13-0036	LF		Up To 6" Wide, Wood Trim, Chemical Stripping Of Lead Contaminated Material.....	16.07	
			For 0.025" (25 mil) Application, Add	0.95	
			For 0.03" (30 mil) Application, Add	1.52	
			For 0.125" (125 mil) Application, Add	8.52	
02 83 19 13-0037	LF		>6" To 12" Wide, Wood Trim, Chemical Stripping Of Lead Contaminated Material.....	32.81	
			For 0.025" (25 mil) Application, Add	1.79	
			For 0.03" (30 mil) Application, Add	2.78	
			For 0.125" (125 mil) Application, Add	12.70	
02 83 19 13-0038	SF		Cornice, Chemical Stripping Of Lead Contaminated Material.....	17.46	
			For 0.025" (25 mil) Application, Add	1.12	
			For 0.03" (30 mil) Application, Add	1.84	
02 83 19 13-0039	SF		Cornice, Ornate, Chemical Stripping Of Lead Contaminated Material.....	49.45	
			For 0.025" (25 mil) Application, Add	2.72	
			For 0.03" (30 mil) Application, Add	4.24	
02 83 19 13-0040	SF		Brick, Concrete Block, Concrete, Chemical Stripping Of Lead Contaminated Material.....	10.77	
			For 0.025" (25 mil) Application, Add	0.74	
			For 0.03" (30 mil) Application, Add	1.23	
			For 0.125" (125 mil) Application, Add	8.69	
02 83 19 13-0041	SF		Cabinets, Chemical Stripping Of Lead Contaminated Material.....	31.26	
			For 0.025" (25 mil) Application, Add	1.76	
			For 0.03" (30 mil) Application, Add	2.77	
02 83 19 13-0042	SF		Cabinets, Ornate, Chemical Stripping Of Lead Contaminated Material.....	39.85	
			For 0.025" (25 mil) Application, Add	2.19	
			For 0.03" (30 mil) Application, Add	3.41	
02 83 19 13-0043	SF		Plaster, Stucco and Drywall Surfaces, Chemical Stripping Of Lead Contaminated Material.....	14.85	
			For 0.025" (25 mil) Application, Add	0.94	
			For 0.03" (30 mil) Application, Add	1.54	
02 83 19 13-0044	SF		Columns, Chemical Stripping Of Lead Contaminated Material.....	14.27	
			For 0.025" (25 mil) Application, Add	0.96	
			For 0.03" (30 mil) Application, Add	1.60	
			For 0.125" (125 mil) Application, Add	11.07	
02 83 19 13-0045	SF		Flush Doors, One Side, Chemical Stripping Of Lead Contaminated Material.....	12.57	
			For 0.025" (25 mil) Application, Add	0.83	
			For 0.03" (30 mil) Application, Add	1.37	
02 83 19 13-0046	SF		Raised Panel Doors and Decorative Doors, Chemical Stripping Of Lead Contaminated Material.....	15.44	
			For 0.025" (25 mil) Application, Add	0.97	
			For 0.03" (30 mil) Application, Add	1.58	
02 83 19 13-0047	SF		Sectional Panel Or Roll-Up Doors, Chemical Stripping Of Lead Contaminated.....	22.76	
			For 0.025" (25 mil) Application, Add	1.39	
			For 0.03" (30 mil) Application, Add	2.24	

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 13-0048	EA	Electrical Devices, Chemical Stripping Of Lead Contaminated Material	65.08	
		For 0.025" (25 mil) Application, Add	3.65	
		For 0.03" (30 mil) Application, Add	5.73	
02 83 19 13-0049	LF	Door Frames, Chemical Stripping Of Lead Contaminated Material	16.14	
		For 0.025" (25 mil) Application, Add	1.01	
		For 0.03" (30 mil) Application, Add	1.64	
02 83 19 13-0050	SF	Wood Floors, Chemical Stripping Of Lead Contaminated Material	8.87	
		For 0.025" (25 mil) Application, Add	0.64	
		For 0.03" (30 mil) Application, Add	1.09	
02 83 19 13-0051	SF	HVAC Grilles, Chemical Stripping Of Lead Contaminated Material	33.41	
		For 0.025" (25 mil) Application, Add	1.87	
		For 0.03" (30 mil) Application, Add	2.93	
02 83 19 13-0052	SF	HVAC Grilles, Ornate, Chemical Stripping Of Lead Contaminated Material	39.85	
		For 0.025" (25 mil) Application, Add	2.19	
		For 0.03" (30 mil) Application, Add	3.41	
02 83 19 13-0053	EA	Hinges, Chemical Stripping Of Lead Contaminated Material	20.93	
		For 0.025" (25 mil) Application, Add	1.35	
		For 0.03" (30 mil) Application, Add	2.21	
02 83 19 13-0054	EA	Up To 6" Diameter Hangers, Chemical Stripping Of Lead Contaminated Material	25.78	
		For 0.025" (25 mil) Application, Add	1.59	
		For 0.03" (30 mil) Application, Add	2.57	
		For 0.125" (125 mil) Application, Add	15.45	
02 83 19 13-0055	LF	Up To 2" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material	7.19	
		For 0.025" (25 mil) Application, Add	0.51	
		For 0.03" (30 mil) Application, Add	0.86	
		For 0.125" (125 mil) Application, Add	6.30	
02 83 19 13-0056	LF	>2" To 4" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material	11.55	
		For 0.025" (25 mil) Application, Add	0.73	
		For 0.03" (30 mil) Application, Add	1.19	
		For 0.125" (125 mil) Application, Add	7.39	
02 83 19 13-0057	LF	>4" To 8" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material	20.68	
		For 0.025" (25 mil) Application, Add	1.28	
		For 0.03" (30 mil) Application, Add	2.08	
		For 0.125" (125 mil) Application, Add	12.67	
02 83 19 13-0058	LF	>8" To 12" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material	28.33	
		For 0.025" (25 mil) Application, Add	1.72	
		For 0.03" (30 mil) Application, Add	2.76	
		For 0.125" (125 mil) Application, Add	16.08	
02 83 19 13-0059	LF	>12" To 16" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material	50.82	
		For 0.025" (25 mil) Application, Add	2.99	
		For 0.03" (30 mil) Application, Add	4.77	
		For 0.125" (125 mil) Application, Add	26.21	
02 83 19 13-0060	SF	>16" Diameter Pipes, Chemical Stripping Of Lead Contaminated Material, SF Of Surface Area	15.18	
		For 0.025" (25 mil) Application, Add	0.87	
		For 0.03" (30 mil) Application, Add	1.37	
		For 0.125" (125 mil) Application, Add	7.04	
02 83 19 13-0061	EA	Up To 12 SF Radiators, Chemical Stripping Of Lead Contaminated Material	301.93	
		For 0.025" (25 mil) Application, Add	16.55	
		For 0.03" (30 mil) Application, Add	25.73	
02 83 19 13-0062	SF	Flat And Raised Panel Wood Shutters, Chemical Stripping Of Lead Contaminated Material	21.12	
		For 0.025" (25 mil) Application, Add	1.62	
		For 0.03" (30 mil) Application, Add	2.78	
02 83 19 13-0063	SF	Louvered Wood Shutters, Chemical Stripping Of Lead Contaminated Material	23.13	
		For 0.025" (25 mil) Application, Add	1.72	
		For 0.03" (30 mil) Application, Add	2.93	
02 83 19 13-0064	SF	Siding, Chemical Stripping Of Lead Contaminated Material	12.05	
		For 0.025" (25 mil) Application, Add	0.85	
		For 0.03" (30 mil) Application, Add	1.44	
		For 0.125" (125 mil) Application, Add	10.51	
02 83 19 13-0065	SF	Soffit, Chemical Stripping Of Lead Contaminated Material	25.28	
		For 0.025" (25 mil) Application, Add	1.46	
		For 0.03" (30 mil) Application, Add	2.32	
		For 0.125" (125 mil) Application, Add	12.32	
02 83 19 13-0066	SF	Flat Steel Surfaces, Chemical Stripping Of Lead Contaminated Material	11.63	
		For 0.025" (25 mil) Application, Add	0.78	
		For 0.03" (30 mil) Application, Add	1.30	
		For 0.125" (125 mil) Application, Add	8.91	
02 83 19 13-0067	SF	Corrugated Steel, Chemical Stripping Of Lead Contaminated Material	13.20	
		For 0.025" (25 mil) Application, Add	0.86	
		For 0.03" (30 mil) Application, Add	1.42	
		For 0.125" (125 mil) Application, Add	9.30	
02 83 19 13-0068	SF	Steel Beams and Columns, Chemical Stripping Of Lead Contaminated Material	13.17	
		For 0.025" (25 mil) Application, Add	0.86	
		For 0.03" (30 mil) Application, Add	1.41	
		For 0.125" (125 mil) Application, Add	9.29	
02 83 19 13-0069	SF	Steel Trusses, Chemical Stripping Of Lead Contaminated Material	18.66	
		For 0.025" (25 mil) Application, Add	1.13	
		For 0.03" (30 mil) Application, Add	1.82	
		For 0.125" (125 mil) Application, Add	10.67	
02 83 19 13-0070	SF	Wood Surfaces, Chemical Stripping Of Lead Contaminated Material	13.17	
		For 0.025" (25 mil) Application, Add	0.86	
		For 0.03" (30 mil) Application, Add	1.41	
		For 0.125" (125 mil) Application, Add	9.29	



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 13-0071	SF	Windows (Sash, Sill, Jambs, Casing Trim), One Side, 1/1 Light, Chemical Stripping Of Lead Contaminated Material.....	30.35		
		For 0.025" (25 mil) Application, Add	1.72		
		For 0.03" (30 mil) Application, Add	2.70		
02 83 19 13-0072	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 2/2 Light, Chemical Stripping Of Lead Contaminated Material.....	33.21		
		For 0.025" (25 mil) Application, Add	1.86		
		For 0.03" (30 mil) Application, Add	2.92		
02 83 19 13-0073	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 4/4 Light, Chemical Stripping Of Lead Contaminated Material.....	35.15		
		For 0.025" (25 mil) Application, Add	1.96		
		For 0.03" (30 mil) Application, Add	3.06		
02 83 19 13-0074	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 6/6 Light, Chemical Stripping Of Lead Contaminated Material.....	37.11		
		For 0.025" (25 mil) Application, Add	2.06		
		For 0.03" (30 mil) Application, Add	3.21		
02 83 19 13-0075	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 8/8 Light Chemical Stripping Of Lead Contaminated Material.....	39.05		
		For 0.025" (25 mil) Application, Add	2.15		
		For 0.03" (30 mil) Application, Add	3.35		
02 83 19 13-0076	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 10/10 Light, Chemical Stripping Of Lead Contaminated Material.....	41.06		
		For 0.025" (25 mil) Application, Add	2.25		
		For 0.03" (30 mil) Application, Add	3.50		
02 83 19 13-0077	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 12/12 light Chemical Stripping Of Lead Contaminated Material.....	42.95		
		For 0.025" (25 mil) Application, Add	2.35		
		For 0.03" (30 mil) Application, Add	3.65		
02 83 19 13-0078	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 14/14 Light, Chemical Stripping Of Lead Contaminated Material.....	43.92		
		For 0.025" (25 mil) Application, Add	2.40		
		For 0.03" (30 mil) Application, Add	3.72		
02 83 19 13-0079	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 16/16 Light Chemical Stripping Of Lead Contaminated Material.....	44.91		
		For 0.025" (25 mil) Application, Add	2.45		
		For 0.03" (30 mil) Application, Add	3.79		
02 83 19 13-0080	SF	Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 20/20 Light, Chemical Stripping Of Lead Contaminated Material.....	45.85		
		For 0.025" (25 mil) Application, Add	2.49		
		For 0.03" (30 mil) Application, Add	3.86		
02 83 19 13-0081	SF	Metal Stairs, Chemical Stripping Of Lead Contaminated Material.....	60.59		
		For 0.025" (25 mil) Application, Add	3.43		
		For 0.03" (30 mil) Application, Add	5.39		
		For 0.125" (125 mil) Application, Add	27.15		
02 83 19 13-0082	LF	Metal Single Hand Rail, Chemical Stripping Of Lead Contaminated Material.....	10.52		
		For 0.025" (25 mil) Application, Add	0.68		
		For 0.03" (30 mil) Application, Add	1.11		
		For 0.125" (125 mil) Application, Add	7.13		
02 83 19 13-0083	SF	Metal Railing And Posts, Chemical Stripping Of Lead Contaminated Material.....	30.79		
		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	1.84		
		For 0.03" (30 mil) Application, Add	2.95		
		For 0.125" (125 mil) Application, Add	16.70		
02 83 19 13-0084	SF	Metal Picket Fence, Chemical Stripping Of Lead Contaminated Material.....	33.66		
		For 0.025" (25 mil) Application, Add	1.93		
		For 0.03" (30 mil) Application, Add	3.06		
		For 0.125" (125 mil) Application, Add	15.92		
02 83 19 13-0085	LF	2" Wide Paint From Concrete Or Asphalt Pavement, Chemical Stripping Of Lead Contaminated Material.....	3.10		
		For 0.025" (25 mil) Application, Add	0.19		
		For 0.03" (30 mil) Application, Add	0.30		
02 83 19 13-0086	LF	3" Wide Paint From Concrete Or Asphalt Pavement, Chemical Stripping Of Lead Contaminated Material.....	4.65		
		For 0.025" (25 mil) Application, Add	0.28		
		For 0.03" (30 mil) Application, Add	0.46		
02 83 19 13-0087	LF	4" Wide Paint From Concrete Or Asphalt Pavement, Chemical Stripping Of Lead Contaminated Material.....	5.38		
		For 0.025" (25 mil) Application, Add	0.32		
		For 0.03" (30 mil) Application, Add	0.51		
02 83 19 13-0088	LF	6" Wide Paint From Concrete Or Asphalt Pavement, Chemical Stripping Of Lead Contaminated Material.....	6.18		
		For 0.025" (25 mil) Application, Add	0.38		
		For 0.03" (30 mil) Application, Add	0.60		
02 83 19 13-0089	SF	Paint From Concrete Or Asphalt Pavement, Chemical Stripping Of Lead Contaminated Material.....	10.77		
		For 0.025" (25 mil) Application, Add	0.74		
		For 0.03" (30 mil) Application, Add	1.23		
02 83 19 13-0090		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 13-0091	SF	Demolish Ceiling Suspension System, Lead Contaminated Material.....	2.66		
02 83 19 13-0092	SF	Demolish Up To 100 SF Gypsum Wall Board, Lead Contaminated Material.....	7.80		
02 83 19 13-0093	SF	Demolish >100 To 500 SF Gypsum Wall Board, Lead Contaminated Material.....	5.61		
02 83 19 13-0094	SF	Demolish >500 To 2,500 SF Gypsum Wall Board, Lead Contaminated Material.....	4.40		
02 83 19 13-0095	SF	Demolish >2,500 SF Gypsum Wall Board, Lead Contaminated Material.....	3.42		
02 83 19 13-0096	SF	Demolish Up To 100 SF Plaster/Stucco, Lead Contaminated Material.....	24.40		
02 83 19 13-0097	SF	Demolish >100 To 500 SF Plaster/Stucco, Lead Contaminated Material.....	17.35		

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 13-0098 SF Demolish >500 To 2,500 SF Plaster/Stucco, Lead Contaminated Material	13.02	
02 83 19 13-0099 SF Demolish >2,500 To 10,000 SF Plaster/Stucco, Lead Contaminated Material	9.77	
02 83 19 13-0100 SF Demolish Suspended Ceiling System And Tile, Lead Contaminated Material	1.55	
02 83 19 13-0101 SF Demolish Acoustical Ceiling Tile, Lead Contaminated Material	0.99	
02 83 19 13-0102 SF Demolish Metal Pan Grid System, Lead Contaminated Material	1.54	
02 83 19 13-0103 EA Demolish Ceiling And Recessed Light Fixtures, Lead Contaminated Material	74.33	
02 83 19 13-0104 EA Demolish >2' x 4' Light Fixtures, Lead Contaminated Material	98.60	
02 83 19 13-0105 SF Demolish Non-Load Bearing Partitions Of Plaster Or Stucco, Lath And Studs, Lead Contaminated Material	11.01	
02 83 19 13-0106 SF Demolish Non-Load Bearing Partitions Of Gypsum Board And Studs, Lead Contaminated Material	6.47	
02 83 19 13-0107 SF Demolish Brick, Lead Contaminated Material	4.64	
02 83 19 13-0108 SF Demolish Concrete Block, Lead Contaminated Material	5.98	
02 83 19 13-0109 SF Demolish Tile, Lead Contaminated Material	4.50	
02 83 19 13-0110 SF Demolish Up To 6" Concrete, Lead Contaminated Material	6.77	
02 83 19 13-0111 IN Drilling, Up To 1/2" Diameter In Lead Paint/Asbestos Material Per Inch Of Depth	5.26	
02 83 19 13-0112 IN Drilling, >1/2" To 1" Diameter In Lead Paint/Asbestos Material Per Inch Of Depth	7.01	
02 83 19 13-0113 LF Demolish Wood Balustrades And Railings, Lead Contaminated Material	7.71	
02 83 19 13-0114 LF Demolish Up To 6" Wide Baseboard, Lead Contaminated Material	2.00	
02 83 19 13-0115 LF Demolish >6" To 12" Wide Baseboard, Lead Contaminated Material	2.51	
02 83 19 13-0116 LF Demolish Base Shoe Molding, Lead Contaminated Material	1.64	
02 83 19 13-0117 SF Demolish Concrete, Lead Contaminated Material	15.34	
02 83 19 13-0118 LF Demolish Cabinets, Lead Contaminated Material	35.72	
02 83 19 13-0119 SF Demolish Ceilings, Gypsum Board, Lead Contaminated Material	2.02	
02 83 19 13-0120 SF Demolish Up To 12" Diameter Columns, Lead Contaminated Material	19.78	
02 83 19 13-0121 SF Demolish Cornice, Lead Contaminated Material	2.63	
02 83 19 13-0122 EA Demolish Doors, Lead Contaminated Material	77.47	
02 83 19 13-0123 LF Demolish Door And Window Trim Or Frames, Lead Contaminated Material	2.36	
02 83 19 13-0124 EA Demolish Electrical Devices, Lead Contaminated Material	23.77	
02 83 19 13-0125 LF Demolish Up To 1" Diameter Electrical Conduit, Lead Contaminated Material	3.05	
02 83 19 13-0126 LF Demolish >1" To 2" Diameter Electrical Conduit, Lead Contaminated Material	5.08	
02 83 19 13-0127 SF Demolish Wood Floors, Lead Contaminated Material	3.66	
02 83 19 13-0128 SF Demolish Grilles, Lead Contaminated Material	4.30	
02 83 19 13-0129 EA Demolish Hinges, Lead Contaminated Material	8.64	
02 83 19 13-0130 EA Demolish Up To 6" Diameter Hangers, Lead Contaminated Material	18.57	
02 83 19 13-0131 LF Demolish Up To 2" Diameter Pipes, Lead Contaminated Material	7.62	
02 83 19 13-0132 LF Demolish >2" To 4" Diameter Pipes, Lead Contaminated Material	11.11	
02 83 19 13-0133 LF Demolish >4" To 8" Diameter Pipes, Lead Contaminated Material	16.78	
02 83 19 13-0134 LF Demolish >8" To 12" Diameter Pipes, Lead Contaminated Material	30.96	
02 83 19 13-0135 EA Demolish Radiators, Lead Contaminated Material	133.71	
02 83 19 13-0136 EA Demolish Shutters, Lead Contaminated Material	52.10	
02 83 19 13-0137 SF Demolish Siding, Lead Contaminated Material	2.07	
02 83 19 13-0138 SF Demolish Soffit, Lead Contaminated Material	1.76	
02 83 19 13-0139 SF Demolish Flat Steel Surfaces, Lead Contaminated Material	4.81	
02 83 19 13-0140 SF Demolish Steel Beams, Lead Contaminated Material	5.67	
02 83 19 13-0141 SF Demolish Trusses, Lead Contaminated Material	7.44	
02 83 19 13-0142 SF Demolish Walls, Wood, Lead Contaminated Material	5.51	
02 83 19 13-0143 SF Demolish Windows, Lead Contaminated Material	18.50	
02 83 19 13-0144 SF Demolish Metal Stair, Lead Contaminated Material	8.85	
02 83 19 13-0145 LF Demolish Single Metal Hand Rail, Lead Contaminated Material	6.50	
02 83 19 13-0146 LF Demolish Metal Railing And Posts, Lead Contaminated Material	10.63	
02 83 19 13-0147 SF Demolish Metal Picket Fence, Lead Contaminated Material	2.93	
02 83 19 13-0148 SF Demolish Plywood, Lead Contaminated Material	7.99	
02 83 19 13-0149 SF Demolish Planks (Various Sizes), Lead Contaminated Material	3.90	
02 83 19 13-0150 EA Demolish Metal Brackets Or Other Small Metal Shapes, Lead Contaminated Material	24.40	
02 83 19 13-0151 SF Demolish Ceramic Tile Block, Lead Contaminated Material	5.33	
02 83 19 13-0152 LF Demolish Metal Guard Rails, Lead Contaminated Material	14.64	
02 83 19 13-0153 LF Demolish Roof Metal Trim, Lead Contaminated Material	3.13	
02 83 19 13-0154 LF Demolish Rain Gutters, Lead Contaminated Material	5.37	
02 83 19 13-0155 LF Demolish Downspouts, Lead Contaminated Material	4.40	
02 83 19 13-0156 SF Demolish Corrugated Metal Roofing, Lead Contaminated Material	5.41	
02 83 19 13-0157 LF Demolish Roof Metal Flashing, Lead Contaminated Material	3.13	
02 83 19 13-0158 LF Demolish Fascia Board Up To 12", Lead Contaminated Material	7.80	
02 83 19 13-0159 Wet Sanding/Light Scraping Of Lead Contaminated Material (02 83 19 13)		
Note: Remove loose, flaking lead-based paint to prepare for painting.		
02 83 19 13-0160 SF Wet Sand/Scrape Of Lead Contaminated Material To Prepare For Painting	3.71	
02 83 19 13-0161 Mechanical Stripping Of Lead Contaminated Material (02 83 19 13)		
Note: Includes heat gun (where required) for follow up, waste handling, packing and all personnel blood work, lab test fees and monitoring.		
02 83 19 13-0162 SF Grind Flat Steel Surfaces, Mechanical Stripping Of Lead Contaminated Material	20.52	
02 83 19 13-0163 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 13-0164 SF Balustrades, Lead Abatement Encapsulation	6.72	
02 83 19 13-0165 LF Up To 6" Wide, Baseboard, Lead Abatement Encapsulation	6.67	
02 83 19 13-0166 LF >6" To 12" Wide, Baseboard, Lead Abatement Encapsulation	9.05	
02 83 19 13-0167 SF Brick, Concrete Block, Concrete, Lead Abatement Encapsulation	4.32	



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 13-0168	SF	Ornate Cabinets, Lead Abatement Encapsulation	9.74	
02 83 19 13-0169	SF	Simple Design Cabinets, Lead Abatement Encapsulation	7.93	
02 83 19 13-0170	SF	Drywall Ceilings, Lead Abatement Encapsulation	2.70	
02 83 19 13-0171	SF	Wood Ceilings, Lead Abatement Encapsulation	3.28	
02 83 19 13-0172	SF	Acoustical And Popcorn Ceilings, Lead Abatement Encapsulation	3.04	
02 83 19 13-0173	SF	Columns, Lead Abatement Encapsulation	5.22	
02 83 19 13-0174	SF	Doors, Lead Abatement Encapsulation	9.97	
02 83 19 13-0175	LF	Up To 2" Electrical Conduit, Lead Abatement Encapsulation	4.40	
02 83 19 13-0176	SF	Picket Fence (Brush), Lead Abatement Encapsulation	3.11	
02 83 19 13-0177	SF	Wood Floors (Roller), Lead Abatement Encapsulation	2.60	
02 83 19 13-0178	SF	Grilles, Vents, Lead Abatement Encapsulation	7.26	
02 83 19 13-0179	LF	Gutters And Downspouts, Lead Abatement Encapsulation	6.72	
02 83 19 13-0180	EA	Hangers, Lead Abatement Encapsulation	57.39	
02 83 19 13-0181	LF	Up To 4" Diameter Pipe (Brush), Lead Abatement Encapsulation	4.08	
02 83 19 13-0182	LF	>4" To 8" Diameter Pipe (Brush), Lead Abatement Encapsulation	5.88	
02 83 19 13-0183	LF	>8" To 12" Diameter Pipe (Brush), Lead Abatement Encapsulation	9.09	
02 83 19 13-0184	LF	>12" To 16" Diameter Pipe (Brush), Lead Abatement Encapsulation	13.42	
02 83 19 13-0185	EA	Radiators, Lead Abatement Encapsulation	147.81	
02 83 19 13-0186	EA	Up To 6" Shutters, Lead Abatement Encapsulation	211.96	
02 83 19 13-0187	SF	Siding, Lead Abatement Encapsulation	3.71	
02 83 19 13-0188	SF	Up To 12" Soffit, Lead Abatement Encapsulation	5.22	
02 83 19 13-0189	SF	Steel, Flat Surfaces And Tanks Up To 12', Lead Abatement Encapsulation	4.32	
02 83 19 13-0190	SF	Steel Beams And Metal Decks, Lead Abatement Encapsulation	5.65	
02 83 19 13-0191	SF	Trusses, Lead Abatement Encapsulation	5.65	
02 83 19 13-0192	SF	Drywall Walls, Lead Abatement Encapsulation	2.40	
02 83 19 13-0193	SF	Wood Walls, Lead Abatement Encapsulation	2.96	
02 83 19 13-0194	EA	Window Without Grille, Lead Abatement Encapsulation	125.07	
02 83 19 13-0195	EA	Window With Grille, Lead Abatement Encapsulation	160.88	
02 83 19 13-0196	LF	Wood Door Frames And Trim, Lead Abatement Encapsulation	3.85	
02 83 19 13-0197	LF	Steel Lintels, Lead Abatement Encapsulation	4.42	
02 83 19 13-0198	LF	Wood Fascia Boards, Lead Abatement Encapsulation	11.74	
02 83 19 13-0199	SF	Wood Eaves, Lead Abatement Encapsulation	11.74	
02 83 19 13-0200	LF	Wood Window Sill, Lead Abatement Encapsulation	3.52	
02 83 19 13-0201	LF	Wood Window Sash, Lead Abatement Encapsulation	4.52	
02 83 19 13-0202	LF	Wood Window Jamb And Trim, Lead Abatement Encapsulation	6.33	
02 83 19 13-0203	LF	Wood Doorway Threshold, Lead Abatement Encapsulation	4.24	
02 83 19 13-0204	LF	Up To 6" Wide, Crown Molding (Simple), Lead Abatement Encapsulation	6.67	
02 83 19 13-0205	LF	>6" To 12" Wide, Crown Molding (Simple), Lead Abatement Encapsulation	9.05	
02 83 19 13-0206	LF	Up To 6" Wide, Crown Molding (Ornate), Lead Abatement Encapsulation	8.29	
02 83 19 13-0207	LF	>6" To 12" Wide, Crown Molding (Ornate), Lead Abatement Encapsulation	11.20	
02 83 19 13-0208		Removal By Heat Gun Of Lead Contaminated Material (02 83 19 13) Note: Remove of multi-layers of paint down to substrate		
02 83 19 13-0209	SF	Scrape And Removal Per Layer Of Multi-layers Of Paint With Heat Gun	7.23	
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	0.31	
02 83 33 13-0003	SF	High Efficiency Particulate Air (HEPA) Vacuum And Wet Cleaning Of Lead Contaminated Area With Tri-Sodium Phosphate	0.30	
02 83 33 13-0004	SF	High Efficiency Particulate Air (HEPA) Vacuum And Shampoo Cleaning Of Lead Contaminated Carpeting	1.54	
02 84		Polychlorinated Biphenyl Remediation (02 80)		
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	9.86	
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	3.21	
02 84 16 00-0005	EA	Recycle Non-Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures	4.09	
02 84 16 00-0006	EA	Recycle TSCA-Exempt Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures	9.67	
02 84 16 00-0007	EA	Recycle TSCA-Exempt Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures	20.23	
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 Existing Conditions**02 80 Facility Remediation****02 84 Polychlorinated Biphenyl Remediation**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

02 84 16 00-0009	EA	Dispose Of Leaking Non-Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures.....	5.85
02 84 16 00-0010	EA	Dispose Of Leaking Non-Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures	8.05
02 84 16 00-0011	EA	Dispose Of Leaking Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures	24.85
02 84 16 00-0012	EA	Dispose Of Leaking Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures	48.25

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)	5,242.77
		Note: Includes disposal costs.	
02 84 33 00-0003	EA	Removal And Disposal Of Transformers 20 KVA, Non-Polychlorinated Biphenyl (PCB)	8,276.02
		Note: Includes disposal costs.	
02 84 33 00-0004	EA	Removal And Disposal Of Switch, Non-Polychlorinated Biphenyl (PCB)	2,175.21
02 84 33 00-0005	EA	Removal And Disposal Of Transformers 2.5/3.5 KVA, Polychlorinated Biphenyl (PCB)	10,064.10
		Note: Includes disposal costs.	
02 84 33 00-0006	EA	Removal And Disposal Of Switch, Polychlorinated Biphenyl (PCB)	3,922.87
02 84 33 00-0007	EA	Removal And Disposal Of Transformers 20 KVA, Polychlorinated Biphenyl (PCB)	15,933.89
		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	594.79
02 86 00 00-0005	EA	85 Gallon, 26" Diameter X 38" High	338.57
02 86 00 00-0006	EA	83 Gallon, 26" Diameter X 36" High	326.77
02 86 00 00-0007	EA	55 Gallon, DOT 17C, 18" Diameter X 34" High	204.44
02 86 00 00-0008	EA	30 Gallon, DOT 17C, 18" Diameter X 28" High	161.05
02 86 00 00-0009	EA	22 Gallon, 16" Diameter X 25" High	108.51
02 86 00 00-0010	EA	15 Gallon, DOT 17C, 14" Diameter X 24" High	98.10
02 86 00 00-0011	EA	10 Gallon, 13.8" Diameter X 15" High	86.45

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	671.85
02 86 00 00-0014	EA	20 Gallon, Labpack, Twist On Lid 21" Diameter X 7.5" High	124.16
02 86 00 00-0015	EA	85 Gallon, DOT E9775, Clamp Ring Lid, 27" Diameter X 41" High	607.94

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	329.90
02 86 00 00-0018	EA	55 Gal, DOT 17C, Steel Drum Nested With 4-10 Gallon Fiber Drums	452.71
02 86 00 00-0019	EA	85 Gal, 16 Gauge Salvage Drum Nested With 3-20 Gallon Fiber Drums	614.05

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	59.32
02 86 00 00-0022	EA	950 cc Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168	62.58
02 86 00 00-0023	EA	500 cc Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168	61.18
02 86 00 00-0024	EA	250 cc Bottle, Carton, Insert, Can, Poly Bag And Tape -E9168	30.29
02 86 00 00-0025	EA	Can, Carton, Insert, Tape - Corrosive And Flammable - UPS	17.68
02 86 00 00-0026	EA	16 Oz Bottle, Carton, Insert And Tape, Sludge/Viscous, UPS	13.67
02 86 00 00-0027	EA	32 Oz Bottle, Carton, Insert And Tape, Sludge/Viscous, UPS	17.78

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	228.78
02 86 00 00-0031	EA	55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (10-24)	1,113.58
02 86 00 00-0032	EA	55 Gallon Reconditioned Steel 17h Drum (50+)	108.36
02 86 00 00-0033	EA	8 Gallon, 17C, Open, Steel Drum	110.77
02 86 00 00-0034	EA	55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (25-49)	1,380.00
02 86 00 00-0035	EA	55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (50+)	1,308.15
02 86 00 00-0036	EA	55 Gallon Stainless Steel DOT 5C Ch Seamless Drum 16-Gauge (10-24)	1,598.52
02 86 00 00-0037	EA	55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (25-49)	1,092.62
02 86 00 00-0038	EA	UN 1A2/X 320/S 55 Gallon, Closed, 16 Gauge, Steel Drum	216.23
02 86 00 00-0039	EA	UN 1A2/Y 1.4/100 55 Gallon, Open, 16 Gauge, Steel Drum	175.33
02 86 00 00-0040	EA	55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (50+)	984.86
02 86 00 00-0041	EA	55 Gallon Stainless Steel DOT 5C Ch Seamless Drum 16-Gauge (25-49)	1,568.59
02 86 00 00-0042	EA	55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (1-9)	1,445.85
02 86 00 00-0043	EA	55 Gallon Stainless Steel DOT 5C Ch Seamless Drum 16-Gauge (50+)	1,412.93
02 86 00 00-0044	EA	55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (10-24)	1,418.91
02 86 00 00-0045	EA	UN 1A2/Y 1.4/100 55 Gallon, Closed, 16 Gauge, Steel Drum	138.17



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

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 86 00 00-0046 EA 30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (1-9).....	927.98	
02 86 00 00-0047 EA UN 1A2/X 160/S 30 Gallon, Open, 18 Gauge, Steel Drum.....	160.17	
02 86 00 00-0048 EA 55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (1-9).....	1,508.72	
02 86 00 00-0049 EA 30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (10-24).....	892.06	
02 86 00 00-0050 EA 55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (25-49).....	1,278.22	
02 86 00 00-0051 EA 30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (25-49).....	853.14	
02 86 00 00-0052 EA 55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (10-24).....	1,472.80	
02 86 00 00-0053 EA UN 1A2/Y 1.4/100 30 Gallon, Open, 18 Gauge, Steel Drum.....	136.15	
02 86 00 00-0054 EA 55 Gallon Stainless Steel DOT 5C Oh 16-Gauge Drum (50+).....	1,212.36	
02 86 00 00-0055 EA 55 Gallon Reconditioned Steel 17h Drum (1-9).....	158.93	
02 86 00 00-0056 EA 30 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (50+).....	823.21	
02 86 00 00-0057 EA 55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (25-49).....	1,445.85	
02 86 00 00-0058 EA 30 Gallon, 17E, Open, Steel Drum.....	98.77	
02 86 00 00-0059 EA 55 Gallon Reconditioned Steel 17h Drum (10-24).....	140.87	
02 86 00 00-0060 EA 20 Gallon, 17C, Open, Steel Drum.....	138.82	
02 86 00 00-0061 EA 55 Gallon Stainless Steel DOT 5C Ch 16-Gauge Drum (50+).....	1,302.17	
02 86 00 00-0062 EA 55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (1-9).....	1,559.61	
02 86 00 00-0063 EA 55 Gallon Stainless Steel DOT 17E Ch 18-Gauge Drum (1-9).....	1,140.52	
02 86 00 00-0064 EA 55 Gallon Reconditioned Steel 17h Drum (25-49).....	122.81	
02 86 00 00-0065 EA 20 Gallon, 17E, Open, Steel Drum.....	93.43	
02 86 00 00-0066 EA 55 Gallon Stainless Steel DOT 5C Seamless Oh Drum 16-Gauge (10-24).....	1,529.67	
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.....	143.62	
02 86 00 00-0070 EA 35 Gallon Polyethylene Closed Head Drums.....	110.25	
02 86 00 00-0071 EA 30 Gallon Polyethylene Closed Head Drums.....	100.11	
02 86 00 00-0072 EA 20 Gallon Polyethylene Closed Head Drums.....	69.94	
02 86 00 00-0073 EA 15 Gallon Polyethylene Closed Head Drums.....	68.61	
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.....	181.53	
02 86 00 00-0076 EA 35 Gallon Polyethylene Open Head Drums.....	133.48	
02 86 00 00-0077 EA 30 Gallon Polyethylene Open Head Drums.....	126.80	
02 86 00 00-0078 EA 20 Gallon Polyethylene Open Head Drums.....	93.43	
02 86 00 00-0079 EA 15 Gallon Polyethylene Open Head Drums.....	80.09	
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).....	109.98	
02 86 00 00-0083 EA 30 Gallon Fiber Drum DOT-21C (10-24).....	103.04	
02 86 00 00-0084 EA 30 Gallon Fiber Drum DOT-21C (25-49).....	93.97	
02 86 00 00-0085 EA 30 Gallon Fiber Drum DOT-21C (50+).....	92.90	
02 86 00 00-0086 EA 55 Gallon Fiber Drum DOT-21C (1-9).....	113.19	
02 86 00 00-0087 EA 55 Gallon Fiber Drum DOT-21C (10-24).....	106.78	
02 86 00 00-0088 EA 55 Gallon Fiber Drum DOT-21C (25-49).....	98.77	
02 86 00 00-0089 EA 55 Gallon Fiber Drum DOT-21C (50-99).....	95.57	
02 86 00 00-0090 EA 55 Gallon Fiber Drum DOT-21C (100+).....	82.76	
02 86 00 00-0091 EA 10 Gallon, 20" Diameter, DOT 21C-250 Polyethylene/Polyester Lined.....	70.48	
02 86 00 00-0092 EA 20 Gallon, 20" Diameter, DOT 21C-250 Polyethylene/Polyester Lined.....	76.88	
02 86 00 00-0093 EA 20 Gallon, 23" Diameter, DOT 21C-250 Polyethylene/Polyester Lined.....	89.70	
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.....	11.93	
02 86 00 00-0096 EA Load Liquid Or Sludge Into 5,000 Gallon Bulk Tank Truck.....	1,263.65	
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.....	99.31	
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

02 Existing Conditions**02 80 Facility Remediation****02 87 Bio-Hazard Material Remediation**MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

arrive at the appropriate quantity for the project. See CSI section 01 56 16 00-0039 for temporary stud walls, 01 74 19 00-0048 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 00-0020 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	871.02
02 87 13 33-0005	LF	>20 To 250 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	33.78
02 87 13 33-0006	LF	>250 To 500 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	25.45
02 87 13 33-0007	LF	>500 To 2,500 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	19.20
02 87 13 33-0008	LF	>2,500 To 10,000 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	14.50
02 87 13 33-0009	LF	>10,000 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal	12.67

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	897.34
02 87 13 33-0012	LF	>20 To 250 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal	40.09
02 87 13 33-0013	LF	>250 To 500 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal	30.51
02 87 13 33-0014	LF	>500 To 2,500 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal	23.31
02 87 13 33-0015	LF	>2,500 To 10,000 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal	17.93
02 87 13 33-0016	LF	>10,000 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal	15.82

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	884.18
02 87 13 33-0020	SF	>50 To 500 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal	19.60
02 87 13 33-0021	SF	>500 To 2,500 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal	14.81
02 87 13 33-0022	SF	>2,500 To 10,000 SF, Up To 3" Thick Other Thermal Insulation, Mold Abatement And Disposal	11.22
02 87 13 33-0023	SF	>10,000 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal	8.70

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	876.87
02 87 13 33-0027	SF	>50 To 500 SF, Stucco, Mold Abatement And Disposal	19.45
02 87 13 33-0028	SF	>500 To 2,500 SF, Stucco, Mold Abatement And Disposal	14.66
02 87 13 33-0029	SF	>2,500 To 10,000 SF, Stucco, Mold Abatement And Disposal	11.07
02 87 13 33-0030	SF	>10,000 SF, Stucco, Mold Abatement And Disposal	8.40

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	876.87
02 87 13 33-0033	SF	>50 To 500 SF, Acoustical Plaster, Mold Abatement And Disposal	19.45
02 87 13 33-0034	SF	>500 To 2,500 SF, Acoustical Plaster, Mold Abatement And Disposal	14.66
02 87 13 33-0035	SF	>2,500 To 10,000 SF, Acoustical Plaster, Mold Abatement And Disposal	11.07
02 87 13 33-0036	SF	>10,000 SF, Acoustical Plaster, Mold Abatement And Disposal	8.40

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	891.50
02 87 13 33-0039	SF	>100 To 500 SF, Gypsum Board, Mold Abatement And Disposal	6.49
02 87 13 33-0040	SF	>500 To 2,500 SF, Gypsum Board, Mold Abatement And Disposal	5.14
02 87 13 33-0041	SF	>2,500 To 10,000 SF, Gypsum Board, Mold Abatement And Disposal	4.06
02 87 13 33-0042	SF	>10,000 SF, Gypsum Board, Mold Abatement And Disposal	2.99

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	884.18
02 87 13 33-0045	SF	>50 To 500 SF, Fireproofing, Mold Abatement And Disposal	26.85
02 87 13 33-0046	SF	>500 To 2,500 SF, Fireproofing, Mold Abatement And Disposal	20.27
02 87 13 33-0047	SF	>2,500 To 10,000 SF, Fireproofing, Mold Abatement And Disposal	15.32
02 87 13 33-0048	SF	>10,000 SF, Fireproofing, Mold Abatement And Disposal	11.60

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)



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

02

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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	891.50	
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	6.45	
		For Each Additional Layer, Add	1.61	
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	3.61	
		For Each Additional Layer, Add	0.90	
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	2.09	
		For Each Additional Layer, Add	0.52	
02 87 13 33-0056	SF	>10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	1.62	
		For Each Additional Layer, Add	0.41	
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	891.50	
02 87 13 33-0060	SF	>100 To 500 SF, Carpet, Glue Down, Mold Abatement And Disposal	5.36	
02 87 13 33-0061	SF	>500 To 2,500 SF, Carpet, Glue Down, Mold Abatement And Disposal	3.37	
02 87 13 33-0062	SF	>2,500 To 10,000 SF, Carpet, Glue Down, Mold Abatement And Disposal	2.25	
02 87 13 33-0063	SF	>10,000 SF, Carpet, Glue Down, Mold Abatement And Disposal	1.72	
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	891.50	
		Note: Includes tack strips.		
02 87 13 33-0066	SF	>100 To 500 SF, Carpet And Pad, Mold Abatement And Disposal	6.04	
		Note: Includes tack strips.		
02 87 13 33-0067	SF	>500 To 2,500 SF, Carpet And Pad, Mold Abatement And Disposal	4.39	
		Note: Includes tack strips.		
02 87 13 33-0068	SF	>2,500 To 10,000 SF, Carpet And Pad, Mold Abatement And Disposal	3.48	
		Note: Includes tack strips.		
02 87 13 33-0069	SF	>10,000 SF, Carpet And Pad, Mold Abatement And Disposal	2.68	
		Note: Includes tack strips.		
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	884.18	
02 87 13 33-0072	SF	>75 To 500 SF, Subflooring, Mold Abatement And Disposal	7.42	
02 87 13 33-0073	SF	>500 To 2,500 SF, Subflooring, Mold Abatement And Disposal	4.74	
02 87 13 33-0074	SF	>2,500 To 10,000 SF, Subflooring, Mold Abatement And Disposal	2.86	
02 87 13 33-0075	SF	>10,000 SF, Subflooring, Mold Abatement And Disposal	1.83	
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	891.50	
		Note: Includes detachment of mounted objects before removal.		
02 87 13 33-0079	SF	>100 To 500 SF, Interior Paneling, Mold Abatement And Disposal	6.42	
		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	4.52	
		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	2.63	
		Note: Includes detachment of mounted objects before removal.		
02 87 13 33-0082	SF	>10,000 SF, Interior Paneling, Mold Abatement And Disposal	2.01	
		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	891.50	
02 87 13 33-0085	SF	>100 To 500 SF, Exterior Siding Board, Mold Abatement And Disposal	7.98	
02 87 13 33-0086	SF	>500 To 2,500 SF, Exterior Siding Board, Mold Abatement And Disposal	5.55	
02 87 13 33-0087	SF	>2,500 To 10,000 SF, Exterior Siding Board, Mold Abatement And Disposal	3.74	
02 87 13 33-0088	SF	>10,000 SF, Exterior Siding Board, Mold Abatement And Disposal	3.37	
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	897.34	
02 87 13 33-0092	CF	>20 To 100 CF, Contaminated Debris, Mold Abatement And Disposal	31.57	
02 87 13 33-0093	CF	>100 To 250 CF, Contaminated Debris, Mold Abatement And Disposal	21.63	
02 87 13 33-0094	CF	>250 To 500 CF, Contaminated Debris, Mold Abatement And Disposal	16.66	
02 87 13 33-0095	CF	>500 To 2,500 CF, Contaminated Debris, Mold Abatement And Disposal	13.67	
02 87 13 33-0096	CF	>2,500 To 10,000 CF, Contaminated Debris, Mold Abatement And Disposal	8.26	
02 87 13 33-0097	CF	>10,000 CF, Contaminated Debris, Mold Abatement And Disposal	7.61	

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

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

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	445.74
02 87 13 33-0101	LF >100 To 500 LF, Wood Studs, Mold Abatement And Disposal	3.63
02 87 13 33-0102	LF >500 To 2,500 LF, Wood Studs, Mold Abatement And Disposal	2.70
02 87 13 33-0103	LF >2,500 To 10,000 LF, Wood Studs, Mold Abatement And Disposal	2.11
02 87 13 33-0104	LF >10,000 LF, Wood Studs, Mold Abatement And Disposal	1.60
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	891.50
02 87 13 33-0107	SF >100 To 1,000 SF, Ceiling Tile, Mold Abatement And Disposal	11.07
02 87 13 33-0108	SF >1,000 To 2,500 SF, Ceiling Tile, Mold Abatement And Disposal	5.20
02 87 13 33-0109	SF >2,500 To 10,000 SF, Ceiling Tile, Mold Abatement And Disposal	3.74
02 87 13 33-0110	SF >10,000 To 25,000 SF, Ceiling Tile, Mold Abatement And Disposal	3.68
02 87 13 33-0111	SF >25,000 To 50,000 SF, Ceiling Tile, Mold Abatement And Disposal	3.61
02 87 13 33-0112	SF >50,000 To 100,000 SF, Ceiling Tile, Mold Abatement And Disposal	3.16
02 87 13 33-0113	SF >100,000 SF, Ceiling Tile, Mold Abatement And Disposal	2.76
02 87 13 33-0114	Caulking, Mold Abatement And Disposal (02 87 13 33-0098)	
02 87 13 33-0115	SET Up To 20 LF, Caulking, Mold Abatement And Disposal	216.04
02 87 13 33-0116	LF >20 To 50 LF, Caulking, Mold Abatement And Disposal	4.33
02 87 13 33-0117	LF >50 To 100 LF, Caulking, Mold Abatement And Disposal	3.10
02 87 13 33-0118	LF >100 To 250 LF, Caulking, Mold Abatement And Disposal	2.35
02 87 13 33-0119	LF >250 To 1,000 LF, Caulking, Mold Abatement And Disposal	1.74
02 87 13 33-0120	LF >1,000 To 2,500 LF, Caulking, Mold Abatement And Disposal	1.41
02 87 13 33-0121	LF >2,500 LF, Caulking, Mold Abatement And Disposal	1.22
02 87 13 33-0122	Wipe Down Walls, Ceilings And Floors (02 87 13 33-0098)	
02 87 13 33-0123	CSF Wipe Down Floors With Mild Bleach Solution	23.97
	For >25 To 50, Deduct	-2.40
	For >50 To 200, Deduct	-5.99
	For >200, Deduct	-9.58
02 87 13 33-0124	CSF Wipe Down Walls With Mild Bleach Solution	28.19
	For >25 To 50, Deduct	-2.82
	For >50 To 200, Deduct	-7.04
	For >200, Deduct	-11.27
02 87 13 33-0125	CSF Wipe Down Ceilings With Mild Bleach Solution	32.07
	For >25 To 50, Deduct	-3.21
	For >50 To 200, Deduct	-8.01
	For >200, Deduct	-12.82
02 87 13 33-0126	CSF Wipe Down Countertops With Mild Bleach Solution	26.15
	For >25 To 50, Deduct	-2.61
02 87 13 33-0127	CSF Wipe Down Other Surfaces With Mild Bleach Solution	33.18
	For >25 To 50, Deduct	-3.32
	For >50 To 200, Deduct	-8.29
	For >200, Deduct	-13.26
02 87 13 33-0128	Cabinets (02 87 13 33-0098)	
02 87 13 33-0129	SET Up To 10 LF, Base Cabinet, Mold Abatement And Disposal	942.02
02 87 13 33-0130	LF >10 To 20 LF, Base Cabinet, Mold Abatement And Disposal	99.44
02 87 13 33-0131	LF >20 LF, Base Cabinet, Mold Abatement And Disposal	73.28
02 87 13 33-0132	SET Up To 10 LF, Wall Cabinet, Mold Abatement And Disposal	889.38
02 87 13 33-0133	LF >10 To 20 LF, Wall Cabinet, Mold Abatement And Disposal	83.70
02 87 13 33-0134	LF >20 LF, Wall Cabinet, Mold Abatement And Disposal	57.56
02 87 16	Excrement Removal (02 87)	
	Note: Includes 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, includes wetting agents and disinfection of contaminated surfaces.	
02 87 16 13-0002	EA Up To 10 SF Bird Waste Removal, Up To 3" Thickness	862.25
	For Work In Restricted Working Space, Add	258.68
02 87 16 13-0003	SF >10 To 500 SF Bird Waste Removal, Up To 3" Thickness	14.37
	For Work In Restricted Working Space, Add	4.31
02 87 16 13-0004	SF >500 To 2,500 SF Bird Waste Removal, Up To 3" Thickness	13.06
	For Work In Restricted Working Space, Add	3.92



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 16 13-0005	SF		>2,500 To 10,000 SF Bird Waste Removal, Up To 3" Thickness For Work In Restricted Working Space, Add	11.88 3.56	
02 87 16 13-0006	SF		>10,000 SF Bird Waste Removal, Up To 3" Thickness For Work In Restricted Working Space, Add	10.80 3.24	
02 87 19 Bio-Hazard and Infectious Disease Control Remediation (02 87)					
02 87 19 00-0001			Barriers For Bio-Hazard And Infectious Disease Control (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. Includes 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)	628.78	
02 87 19 00-0004	EA		3' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4001)	597.28	
02 87 19 00-0005	EA		2' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4002)	471.28	
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)	544.78	
02 87 19 00-0007	EA		4' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 44" Door (Edge Guard 4003) Note: Includes a hydraulic closer and a lever style lockset standard.	1,064.53	
02 87 19 00-0008	EA		7'-8" To 10' High, Hinged Corner Assembly (Edge Guard 4004)	216.48	
02 87 19 00-0009	EA		6" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4005)	288.15	
02 87 19 00-0010	EA		12" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4006)	309.15	
02 87 19 00-0011	EA		7'-8" To 10' High, Outside Corner Post (Edge Guard 4007)	179.73	
02 87 19 00-0012	EA		4'-4" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 48" Door (Edge Guard 4008) Note: Includes a hydraulic closer and a lever style lockset standard.	1,274.53	
02 87 19 00-0013	EA		7'-8" To 10' High, "T" Post Corner Assembly (Edge Guard 4009)	179.73	
02 87 19 00-0014	EA		3' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 32" Door (Edge Guard 4010) Note: Includes a hydraulic closer and a lever style lockset standard.	959.53	
02 87 19 00-0015	EA		Closure Strips (Edge Guard 3003) Note: To seal panels to existing walls.	13.29	
02 87 19 00-0016	EA		Digital Differential Pressure Gauge Kit (Edge Guard 3005)	294.30	
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	0.55	
02 87 19 00-0019	SF		6 Mil Plastic Sheeting, Applied To Walls, For Bio-Hazard And Infectious Disease Control	0.72	
02 87 19 00-0020	SF		6 Mil Plastic Sheeting, Applied To Ceilings, For Bio-Hazard And Infectious Disease Control	0.97	
02 87 19 00-0021	SF		6 Mil Plastic Fire Retardant, Anti-static Sheeting, Applied To Floors, For Bio-Hazard And Infectious Disease Control	0.65	
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	0.82	
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	1.07	
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		1/8" Thick, Masonite Temporary Floor Protection For Bio-Hazard And Infectious Disease Control	1.78	
02 87 19 00-0026	SF		1/2" Thick, Plywood Temporary Floor Protection For Bio-Hazard And Infectious Disease Control	1.81	
02 87 19 00-0027	SF		3/4" Thick, Plywood Temporary Floor Protection For Bio-Hazard And Infectious Disease Control	2.14	
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	6.12	
02 87 19 00-0030	SF		1/2" Gypsum Board On Both Sides, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control	8.56	
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	6.31	
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	8.95	
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	3.48	
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 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.	22.97	
02 87 19 00-0036	GSF		Relocate Tent Construction To Different Area	2.78	
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	21.13	
02 87 19 00-0039	SF		1/2" Thick, Clear Acrylic Glazing (Plexiglas) For Bio-Hazard And Infectious Disease Control	25.02	
02 87 19 00-0040	SF		3/4" Thick, Clear Acrylic Glazing (Plexiglas) For Bio-Hazard And Infectious Disease Control	35.32	
02 87 19 00-0041	PR		Install Pair Of 8" Diameter Glove Iris Port In Barrier For Bio-Hazard And Infectious Disease Control Note: Excludes gloves.	1,471.28	

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 00-0042	PR		Pair Of 8" Diameter Economy Sleeved Gloves With Clamping Ring For Bio-Hazard And Infectious Disease Control.....	527.66	
			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.....	843.62	
			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.....	149.67	
			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	1,258.93	
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	13,013.17	
			For Tie-Downs, Add	129.42	
02 87 19 00-0050	EA		8' x 32' Mobile Trailer With Toilet, Purchase	18,384.06	
			For Tie-Downs, Add	129.42	
02 87 19 00-0051	EA		10' x 36' Mobile Trailer With Toilet, Purchase	26,231.68	
			For Tie-Downs, Add	129.42	
02 87 19 00-0052	EA		10' x 44' Mobile Trailer With Toilet, Purchase	32,779.76	
			For Tie-Downs, Add	129.42	
02 87 19 00-0053	EA		10' x 50' Mobile Trailer With Toilet, Purchase	37,267.68	
			For Tie-Downs, Add	129.42	
02 87 19 00-0054	EA		12' x 50' Mobile Trailer With Toilet, Purchase	39,178.29	
			For Tie-Downs, Add	129.42	
02 87 19 00-0055	EA		12' x 60' Mobile Trailer With Toilet, Purchase	43,593.62	
			For Tie-Downs, Add	129.42	
02 87 19 00-0056			Accessories For Portable And Mobile Trailers (02 87 19 00-0045)		
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	5.19	1.86
02 87 19 00-0059	SF		3' High Vinyl Covered Skirt	7.56	3.06
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.....	3,795.40	35.52
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	1,047.84	
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	986.78	
			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	1,162.48	
			Note: Includes connection to negative air system.		
02 87 19 00-0067	EA		Portable Waste Decontamination Unit For Bio-Hazard And Infectious Disease Control.....	597.57	
			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.....	364.21	
			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		



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 00-0072	CSF		Cleaning Of Floors For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	27.01	
			For >25 To 50, Deduct	-2.70	
			For >50 To 200, Deduct	-5.40	
			For >200, Deduct	-8.09	
			For Cleaning Surfaces With Goldshield® GS5, Add	14.56	
			For Level 1 Biohazard Cleaning, Deduct	-5.40	
			For Level 3 Biohazard Cleaning, Add	8.90	
02 87 19 00-0073	CSF		Cleaning Of Walls For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	31.76	
			For >25 To 50, Deduct	-3.17	
			For >50 To 200, Deduct	-6.35	
			For >200, Deduct	-9.52	
			For Cleaning Surfaces With Goldshield® GS5, Add	14.56	
			For Level 1 Biohazard Cleaning, Deduct	-6.35	
			For Level 3 Biohazard Cleaning, Add	10.47	
02 87 19 00-0074	CSF		Cleaning Of Ceilings For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	36.13	
			For >25 To 50, Deduct	-3.61	
			For >50 To 200, Deduct	-7.22	
			For >200, Deduct	-10.83	
			For Cleaning Surfaces With Goldshield® GS5, Add	14.56	
			For Level 1 Biohazard Cleaning, Deduct	-7.22	
			For Level 3 Biohazard Cleaning, Add	11.91	
02 87 19 00-0075	CSF		Cleaning Of Countertops For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	29.46	
			For Cleaning Surfaces With Goldshield® GS5, Add	14.56	
			For >5 To 10, Deduct	-1.47	
			For >10 To 50, Deduct	-2.94	
			For >50, Deduct	-5.89	
			For Level 1 Biohazard Cleaning, Deduct	-5.89	
			For Level 3 Biohazard Cleaning, Add	9.71	
02 87 19 00-0076	CSF		Cleaning Of Other Surfaces For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	37.39	
			For >25 To 50, Deduct	-3.74	
			For >50 To 200, Deduct	-7.47	
			For >200, Deduct	-11.21	
			For Cleaning Surfaces With Goldshield® GS5, Add	14.56	
			For Level 1 Biohazard Cleaning, Deduct	-7.47	
			For Level 3 Biohazard Cleaning, Add	12.33	
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	69.79	
			For Level 1 Biohazard Cleaning, Deduct	-13.95	
			For Level 3 Biohazard Cleaning, Add	23.02	
			For Cleaning Surfaces With Goldshield® GS5, Add	7.28	
02 87 19 00-0079	EA		Cleaning Of Restroom Accessory For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	32.04	
			For Level 1 Biohazard Cleaning, Deduct	-6.40	
			For Level 3 Biohazard Cleaning, Add	10.56	
			For Cleaning Surfaces With Goldshield® GS5, Add	4.85	
02 87 19 00-0080	EA		Cleaning Of Kitchen Appliances For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	112.43	
			For Level 1 Biohazard Cleaning, Deduct	-22.48	
			For Level 3 Biohazard Cleaning, Add	37.09	
			For Cleaning Surfaces With Goldshield® GS5, Add	7.28	
02 87 19 00-0081	EA		Cleaning Of Electrical Switch/Receptacle For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	6.94	
			For Level 1 Biohazard Cleaning, Deduct	-1.38	
			For Level 3 Biohazard Cleaning, Add	2.28	
			For Cleaning Surfaces With Goldshield® GS5, Add	1.46	
02 87 19 00-0082	EA		Cleaning Of WorkStation, Exterior Wipe For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	103.64	
			Note: Includes desk, chair, computer, monitor(s), keyboard, mouse, lamp, drawers		
			For Level 1 Biohazard Cleaning, Deduct	-20.72	
			For Level 3 Biohazard Cleaning, Add	34.19	
			For Cleaning Surfaces With Goldshield® GS5, Add	7.28	
02 87 19 00-0083	EA		Cleaning Of Knobs, Latches, And Locks For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	11.08	
			Clean-up	-2.21	
			For Level 1 Biohazard Cleaning, Deduct	-2.21	
			For Level 3 Biohazard Cleaning, Add	3.65	
			For Cleaning Surfaces With Goldshield® GS5, Add	1.46	
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	4.08	
			Cleaning	-0.81	
			For Level 1 Biohazard Cleaning, Deduct	-0.81	
			For Level 3 Biohazard Cleaning, Add	1.34	
02 87 19 00-0086	LF		>2 SF To 4 SF Cross Section, Clean Supply/Return Ductwork For Bio-Hazard And Infectious Disease Control	5.12	
			Cleaning	-1.01	
			For Level 1 Biohazard Cleaning, Deduct	-1.01	
			For Level 3 Biohazard Cleaning, Add	1.67	
02 87 19 00-0087	LF		>4 SF To 8 SF Cross Section, Clean Supply/Return Ductwork For Bio-Hazard And Infectious Disease Control	6.86	
			Cleaning	-1.35	
			For Level 1 Biohazard Cleaning, Deduct	-1.35	
			For Level 3 Biohazard Cleaning, Add	2.22	

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 00-0088	LF	>8 SF Cross Section, Clean Supply/Return Ductwork For Bio-Hazard And Infectious Disease Control Cleaning.....	9.72	
		For Level 1 Biohazard Cleaning, Deduct	-1.90	
		For Level 3 Biohazard Cleaning, Add	3.13	
02 87 19 00-0089	EA	Clean Duct Coil For Bio-Hazard And Infectious Disease Control Cleaning.....	182.14	
		For Level 1 Biohazard Cleaning, Deduct	-36.42	
		For Level 3 Biohazard Cleaning, Add	60.10	
02 87 19 00-0090	SF	Clean Duct Dampers And Vane Sets For Bio-Hazard And Infectious Disease Control Cleaning	12.67	
		For Level 1 Biohazard Cleaning, Deduct	-2.53	
		For Level 3 Biohazard Cleaning, Add	4.17	
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	121.43	
		For Level 1 Biohazard Cleaning, Deduct	-24.28	
		For Level 3 Biohazard Cleaning, Add	40.06	
02 87 19 00-0092	EA	Clean Air Handling Unit Fan And Coil For Bio-Hazard And Infectious Disease Control Cleaning.....	364.24	
		For Level 1 Biohazard Cleaning, Deduct	-72.84	
		For Level 3 Biohazard Cleaning, Add	120.19	
02 87 19 00-0093	EA	Clean Grille/Diffuser/Register For Bio-Hazard And Infectious Disease Control Cleaning	30.38	
		Note: Includes removal and reinstallation.		
		For Level 1 Biohazard Cleaning, Deduct	-6.07	
		For Level 3 Biohazard Cleaning, Add	10.02	
02 87 19 00-0094	SF	Apply Sporidicin Disinfectant To Ductwork And Surfaces After Cleaning For Bio-Hazard And Infectious Disease Control Cleaning.....	0.55	
		For Level 1 Biohazard Cleaning, Deduct	-0.10	
		For Level 3 Biohazard Cleaning, Add	0.16	
02 87 19 00-0095	SF	Apply Goldshield® GS5 Anti-microbial Agent To Ductwork And Surfaces After Cleaning For Bio-Hazard And Infectious Disease Control Cleaning.....	0.64	
		For Level 1 Biohazard Cleaning, Deduct	-0.10	
		For Level 3 Biohazard Cleaning, Add	0.16	
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	107.35	
02 87 19 00-0098	WK	Up To 5,000 CFM Portable Air Scrubber For Bio-Hazard And Infectious Disease Control Clean-up	457.24	
02 87 19 00-0099	MO	Up To 5,000 CFM Portable Air Scrubber For Bio-Hazard And Infectious Disease Control Clean-up	1,280.27	
02 87 19 00-0100	DAY	Industrial High Efficiency Particulate Air (HEPA) Vacuum For Bio-Hazard And Infectious Disease Control Clean- up.....	155.99	
02 87 19 00-0101	WK	Industrial High Efficiency Particulate Air (HEPA) Vacuum For Bio-Hazard And Infectious Disease Control Clean- up.....	428.98	
02 87 19 00-0102	MO	Industrial High Efficiency Particulate Air (HEPA) Vacuum For Bio-Hazard And Infectious Disease Control Clean- up.....	1,169.93	
02 87 19 00-0103	DAY	Zip Wall Poles (Per 2 Poles) For Bio-Hazard And Infectious Disease Control Clean-up	45.88	
02 87 19 00-0104	WK	Zip Wall Poles (Per 2 Poles) For Bio-Hazard And Infectious Disease Control Clean-up	126.17	
02 87 19 00-0105	MO	Zip Wall Poles (Per 2 Poles) For Bio-Hazard And Infectious Disease Control Clean-up	344.10	
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	131.21	
		Note: Required for over 800 hours operation.		
02 87 19 00-0110	DAY	20' x 20' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....	435.08	
02 87 19 00-0111	WK	20' x 20' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....	870.16	
02 87 19 00-0112	MO	20' x 20' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....	1,740.31	
02 87 19 00-0113	DAY	20' x 40' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....	580.10	
02 87 19 00-0114	WK	20' x 40' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....	1,160.21	
02 87 19 00-0115	MO	20' x 40' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....	2,320.42	
02 87 19 00-0116	DAY	20' x 60' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....	979.47	
02 87 19 00-0117	WK	20' x 60' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....	1,958.93	
02 87 19 00-0118	MO	20' x 60' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....	3,917.87	
02 87 19 00-0119	DAY	20' x 80' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....	1,305.96	
02 87 19 00-0120	WK	20' x 80' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....	2,611.91	
02 87 19 00-0121	MO	20' x 80' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....	5,223.82	
02 87 19 00-0122	DAY	20' x 100' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....	1,632.45	
02 87 19 00-0123	WK	20' x 100' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....	3,264.89	
02 87 19 00-0124	MO	20' x 100' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....	6,529.78	
02 87 19 00-0125	EA	Set-Up 20' x 20' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....	111.13	
		Note: Includes staking down tent.		
02 87 19 00-0126	EA	Set-Up 20' x 40' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....	222.26	
		Note: Includes staking down tent.		
02 87 19 00-0127	EA	Set-Up 20' x 60' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....	666.78	
		Note: Includes staking down tent.		
02 87 19 00-0128	EA	Set-Up 20' x 80' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....	1,333.55	
		Note: Includes staking down tent.		
02 87 19 00-0129	EA	Set-Up 20' x 100' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....	2,222.59	
		Note: Includes staking down tent.		
02 87 19 00-0130	DAY	Portable Dual Sink Wash Station For Bio-Hazard And Infectious Disease Control Clean-up	95.14	
02 87 19 00-0131	WK	Portable Dual Sink Wash Station For Bio-Hazard And Infectious Disease Control Clean-up	261.63	
02 87 19 00-0132	MO	Portable Dual Sink Wash Station For Bio-Hazard And Infectious Disease Control Clean-up	713.53	



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 00-0133 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.....	108.32	
Note: Each first 15 miles per trip		
For Each Additional Mile Over First 15 Miles, Add Per Mile		
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.....	165.27	
Note: Each first 15 miles per trip		
For Each Additional Mile Over First 15 Miles, Add Per Mile		
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.....	170.86	
Note: Each first 15 miles per trip		
For Each Additional Mile Over First 15 Miles, Add Per Mile		
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	177.19	
Note: Each first 15 miles per trip		
For Each Additional Mile Over First 15 Miles, Add Per Mile		
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.....	47.38	
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)	45,047.14	
02 87 19 00-0142 EA 7' x 8' Entry Vestibule (BLU-MED BM-MS-VEST).....	4,330.54	
02 87 19 00-0143 EA Vestibule End Panel with Bump Thru Door (BLU-MED BM-7x8-VEP04).....	7,165.29	
02 87 19 00-0144 SF Sub Flooring For Medical Shelter (AKS-AB846).....	6.66	
02 87 19 00-0145 EA Upgrade To Large Roto-Mold Container, Blue (AK-ULC-5).....	1,966.72	
02 87 19 00-0146 EA Environmental Control Unit-5 Ton, 60 Hertz, Blue (AK-ECU-5T-5).....	32,212.43	
02 87 19 00-0147 EA 3' ECU to Generator Pigtail, 60 Hertz (AKS-AC915).....	1,122.79	
02 87 19 00-0148 EA Negative Pressure Isolation (NPI) System (AK-NPIS-5).....	50,701.83	
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).....	304.30	
02 87 19 00-0150 EA 10 Lbs Sledgehammer (AKS-AA268)	93.16	
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	115.92	
02 87 19 00-0154 HR Skilled Tradesman For Bio-Hazard And Infectious Disease Control Clean Up.....	128.68	
02 87 19 00-0155 HR Biohazard Technician For Bio-Hazard And Infectious Disease Control Clean Up	102.85	
02 87 19 00-0156 HR Biohazard Supervisor For Bio-Hazard And Infectious Disease Control Clean Up	123.67	
02 87 19 00-0157 HR Project Manager For Bio-Hazard And Infectious Disease Control Clean Up	136.00	
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.....	15.19	
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	23.65	
02 87 19 00-0161 PR Polycarbonate Lens Safety Goggles For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	15.33	
02 87 19 00-0162 EA Dual Cartridge Half-Mask Respirator For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	125.72	
02 87 19 00-0163 EA Cartridge - Respirator For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment.....	53.06	
02 87 19 00-0164 EA Full Face Respirator For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment.....	383.55	
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	52.43	
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.....	95.26	
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	27.53	
02 87 19 00-0168 EA Gloves - Rubber (Heavy Duty) For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	23.51	

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

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

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.....2,563.76
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 00-0039 for temporary walls.

02 87 19 00-0171 GAL Bleach For Bio-Hazard And Infectious Disease Control Clean-up 11.84
02 87 19 00-0172 EA N95 Masks For Bio-Hazard And Infectious Disease Control Clean-up 4.22
02 87 19 00-0173 GAL Disinfectant/Anti-microbial For Bio-Hazard And Infectious Disease Control Clean Up 116.03
02 87 19 00-0174 GAL Goldshield® GS5 Anti-microbial Concentrate For Bio-Hazard And Infectious Disease Control Clean-up 349.34
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.....11.70
02 87 19 00-0176 EA Sponges - Dry For Bio-Hazard And Infectious Disease Control Clean-up 6.02
02 87 19 00-0177 ROL Tape - Duct, 2" x 50 YD For Bio-Hazard And Infectious Disease Control Clean-up 15.10
02 87 19 00-0178 EA UV Mini Light, Handheld For Bio-Hazard And Infectious Disease Control Clean-up 76.33
02 87 19 00-0179 ROL Visqueen 1 Mil, 12' x 400', For Bio-Hazard And Infectious Disease Control Clean-up 60.87
02 87 19 00-0180 LB Wipes, Terry Cloth 14" x 17" For Bio-Hazard And Infectious Disease Control Clean-up 8.54
02 87 19 00-0181 EA Wyp-Alls, Case, 160 Wipes For Bio-Hazard And Infectious Disease Control Clean-up.....18.80
02 87 19 00-0182 ROL 6 Mil, 55 Gallon Trash Bags, 50/Roll For Bio-Hazard And Infectious Disease Control Clean Up 187.36

02 89 Hazmat Ancillary Tasks and Support (02 80)**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 00-0039 for temporary stud walls.

02 89 00 00-0003 Hazmat Containment Construction Plastic Sheetting (02 89 00 00-0001)

02 89 00 00-0004 SF 6 Mil Plastic Sheetting, Applied To Floors, Hazmat Containment Construction 0.52
02 89 00 00-0005 SF 6 Mil Plastic Sheetting, Applied To Walls, Hazmat Containment Construction 0.68
02 89 00 00-0006 SF 6 Mil Plastic Sheetting, Applied To Ceilings, Hazmat Containment Construction 0.91
02 89 00 00-0007 SF 6 Mil Plastic Fire Retardant, Anti-static Sheetting, Applied To Floors, Hazmat Containment Construction.....0.64
02 89 00 00-0008 SF 6 Mil Plastic Fire Retardant, Anti-static Retardant Sheetting, Applied To Walls, Hazmat Containment Construction 0.81
02 89 00 00-0009 SF 6 Mil Plastic Fire Retardant, Anti-static Retardant Sheetting, Applied To Ceilings, Hazmat Containment Construction 1.05
02 89 00 00-0010 EA Up To 36 Square Inches, Seal Wall Penetrations With Foam Firestop, Hazmat Containment Construction 142.38
02 89 00 00-0011 EA >36 To 72 Square Inches, Seal Wall Penetrations With Foam Firestop, Hazmat Containment Construction.....276.97
02 89 00 00-0012 EA >72 To 144 Square Inches, Seal Wall Penetrations With Foam Firestop, Hazmat Containment Construction.....543.11
02 89 00 00-0013 LF Caulk Seams With Latex, Hazmat Containment Construction 4.76
02 89 00 00-0014 SF 2 Layers 6 Mil Poly, Protect Carpeted Area, Hazmat Containment Construction 2.02

02 89 00 00-0015 Cleaning Surfaces (02 89 00 00-0001)

Note: Other surfaces outside contamination area but not contaminated by, or part of removal.

02 89 00 00-0016 SF Up To 100 SF, Clean Non-Asbestos Surface 2.12
02 89 00 00-0017 SF >100 To 500 SF, Clean Non-Asbestos Surface 1.49
02 89 00 00-0018 SF >500 To 1,000 SF, Clean Non-Asbestos Surface 0.97
02 89 00 00-0019 SF >1,000 SF, Clean Non-Asbestos Surface 0.76

02 89 00 00-0020 Decontamination Chambers (02 89)

Note: Includes removal after use.

02 89 00 00-0021 EA 3 Stage Portable Personnel Decontamination Wash Facility 978.43
Note: Includes connection to negative air system.
02 89 00 00-0022 EA 5 Stage Portable Personnel Decontamination Wash Facility 1,152.44
Note: Includes connection to negative air system.
02 89 00 00-0023 EA Portable Waste Decontamination Unit 590.89
Note: Includes connection to negative air system.
For Dismantling And Relocation To A Different Area, Add 367.07

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 Disaster Clean-up (02 90)**02 90 50 00-0001 Non-Mold Contaminated Wet Material Removal (02 90 50)**

Note: For materials not requiring mold abatement.

02 90 50 00-0002 SY Wet Broadloom Carpet Removal For Disaster Clean-up 28.59
02 90 50 00-0003 SY Wet Carpet Tile Removal For Disaster Clean-up 6.96
02 90 50 00-0004 SF Wet Batt Insulation Removal For Disaster Clean-up.....0.58
02 90 50 00-0005 SF Wet Ceiling Tile Removal For Disaster Clean-up.....0.70
02 90 50 00-0006 SF Single Layer, Wet Gypsum Board Removal For Disaster Clean-up.....0.68



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

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0007	SF		Double Layer, Wet Gypsum Board Removal For Disaster Clean-up	1.06	
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 Disaster Clean-up	28.20	
			For Medium Clean, Add	11.84	
			For Heavy Clean, Add	36.66	
02 90 50 00-0011	SF		Bookcase (Per SF Of Face Area), Light Clean For Disaster Clean-up	1.57	
			For Medium Clean, Add	0.86	
			For Heavy Clean, Add	2.04	
02 90 50 00-0012	LF		Shelving, Light Clean For Disaster Clean-up	2.82	
			For Medium Clean, Add	1.18	
			For Heavy Clean, Add	3.67	
02 90 50 00-0013	EA		Plastic Or Metal Chair, Light Clean For Disaster Clean-up	8.14	
			For Medium Clean, Add	3.42	
			For Heavy Clean, Add	10.58	
02 90 50 00-0014	EA		Upholstered Chair, Light Clean For Disaster Clean-up	26.32	
			For Medium Clean, Add	11.05	
			For Heavy Clean, Add	34.22	
02 90 50 00-0015	EA		Upholstered Sofa, Light Clean For Disaster Clean-up	162.31	
			For Medium Clean, Add	68.17	
			For Heavy Clean, Add	211.00	
02 90 50 00-0016	EA		Desk, Light Clean For Disaster Clean-up	33.21	
			For Medium Clean, Add	13.95	
			For Heavy Clean, Add	43.17	
02 90 50 00-0017	EA		Table, Light Clean For Disaster Clean-up	31.33	
			For Medium Clean, Add	13.16	
			For Heavy Clean, Add	40.73	
02 90 50 00-0018	EA		Two Drawer File Cabinet, Light Clean For Disaster Clean-up	6.87	
			For Medium Clean, Add	2.89	
			For Heavy Clean, Add	8.93	
02 90 50 00-0019	EA		Four Drawer File Cabinet, Light Clean For Disaster Clean-up	8.79	
			For Medium Clean, Add	3.69	
			For Heavy Clean, Add	11.43	
02 90 50 00-0020	LF		Base Cabinet, Exterior Wipe, Light Clean For Disaster Clean-up	7.21	
			For Medium Clean, Add	3.03	
			For Heavy Clean, Add	9.37	
02 90 50 00-0021	LF		Base Cabinet, Exterior And Interior Wipe, Light Clean For Disaster Clean-up	14.10	
			For Medium Clean, Add	5.92	
			For Heavy Clean, Add	18.33	
02 90 50 00-0022	LF		Wall Cabinet, Exterior Wipe, Light Clean For Disaster Clean-up	7.21	
			For Medium Clean, Add	3.03	
			For Heavy Clean, Add	9.37	
02 90 50 00-0023	LF		Wall Cabinet, Exterior And Interior Wipe, Light Clean For Disaster Clean-up	12.53	
			For Medium Clean, Add	5.26	
			For Heavy Clean, Add	16.29	
02 90 50 00-0024	EA		Picture Frame, Glass And Back, Light Clean For Disaster Clean-up	3.01	
			For Medium Clean, Add	1.26	
			For Heavy Clean, Add	3.91	
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 Disaster Clean-up	0.41	
			For Medium Clean, Add	0.17	
			For Heavy Clean, Add	0.53	
02 90 50 00-0027	EA		Door And Hardware (Per Side), Light Clean For Disaster Clean-up	5.33	
			For Medium Clean, Add	2.24	
			For Heavy Clean, Add	6.93	
02 90 50 00-0028	EA		Detailed Door And Hardware (Per Side), Light Clean For Disaster Clean-up	6.04	
			For Medium Clean, Add	2.54	
			For Heavy Clean, Add	7.85	
02 90 50 00-0029	SF		Overhead Door, Light Clean For Disaster 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 Disaster Clean-up	0.32	
			For Medium Clean, Add	0.13	
			For Heavy Clean, Add	0.42	
02 90 50 00-0031	SF		Window, Light Clean For Disaster Clean-up	0.92	
			For Medium Clean, Add	0.39	
			For Heavy Clean, Add	1.20	
02 90 50 00-0032	LF		Handrail, Light Clean For Disaster Clean-up	0.82	
			For Medium Clean, Add	0.34	
			For Heavy Clean, Add	1.07	
02 90 50 00-0033	LF		Bumper Rail, Light Clean For Disaster 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 Disaster Clean-up	0.36	
			For Medium Clean, Add	0.15	
			For Heavy Clean, Add	0.47	

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

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0035	SF	Carpet, Light Clean For Disaster Clean-up.....	0.38	
		For Medium Clean, Add	0.16	
		For Heavy Clean, Add	0.49	
02 90 50 00-0036	SF	Hard Ceiling, Light Clean For Disaster Clean-up.....	0.29	
		For Medium Clean, Add	0.12	
		For Heavy Clean, Add	0.38	
02 90 50 00-0037	SF	Suspended Ceiling, Tile And Grid, Light Clean For Disaster Clean-up.....	0.32	
		For Medium Clean, Add	0.13	
		For Heavy Clean, Add	0.42	
02 90 50 00-0038	SF	Ceramic Tile Wall, Light Clean For Disaster 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 Disaster 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 Disaster 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 Disaster Clean-up.....	66.09	
		Note: Includes removal from site, cleaning, and return.		
		For Medium Clean, Add	27.76	
		For Heavy Clean, Add	85.92	
02 90 50 00-0042	EA	>24 To 96 SF Area Rug, Off-Site Cleaning, Light Clean For Disaster Clean-up.....	82.61	
		Note: Includes removal from site, cleaning, and return.		
		For Medium Clean, Add	34.70	
		For Heavy Clean, Add	107.39	
02 90 50 00-0043	EA	>96 To 140 SF Area Rug, Off-Site Cleaning, Light Clean For Disaster Clean-up.....	99.13	
		Note: Includes removal from site, cleaning, and return.		
		For Medium Clean, Add	41.63	
		For Heavy Clean, Add	128.87	
02 90 50 00-0044	EA	>140 To 216 SF Area Rug, Off-Site Cleaning, Light Clean For Disaster Clean-up.....	115.66	
		For Medium Clean, Add	48.58	
		For Heavy Clean, Add	150.36	
02 90 50 00-0045		Clean Window Treatments (02 90 50 00-0008)		
02 90 50 00-0046	SF	Window Blind, Light Clean For Disaster Clean-up.....	0.72	
		For Medium Clean, Add	0.30	
		For Heavy Clean, Add	0.94	
02 90 50 00-0047	EA	Up To 6' Long Drapery (Per Pleat), Light Clean For Disaster Clean-up.....	1.47	
		For Medium Clean, Add	0.62	
		For Heavy Clean, Add	1.91	
02 90 50 00-0048	EA	Up To 6' Long Lined Drapery (Per Pleat), Light Clean For Disaster Clean-up.....	1.69	
		For Medium Clean, Add	0.71	
		For Heavy Clean, Add	2.20	
02 90 50 00-0049	EA	>6' To 8' Drapery (Per Pleat), Light Clean For Disaster Clean-up.....	1.54	
		For Medium Clean, Add	0.65	
		For Heavy Clean, Add	2.00	
02 90 50 00-0050	EA	>6' To 8' Lined Drapery (Per Pleat), Light Clean For Disaster Clean-up.....	1.77	
		For Medium Clean, Add	0.74	
		For Heavy Clean, Add	2.30	
02 90 50 00-0051	EA	>8' To 10' Drapery (Per Pleat), Light Clean For Disaster Clean-up.....	1.89	
		For Medium Clean, Add	0.79	
		For Heavy Clean, Add	2.46	
02 90 50 00-0052	EA	>8' To 10' Lined Drapery (Per Pleat), Light Clean For Disaster Clean-up.....	2.17	
		For Medium Clean, Add	0.91	
		For Heavy Clean, Add	2.82	
02 90 50 00-0053		Clean Appliances (02 90 50 00-0008)		
02 90 50 00-0054	EA	Microwave Oven, Outside, Light Clean For Disaster Clean-up.....	12.98	
		For Medium Clean, Add	5.45	
		For Heavy Clean, Add	16.87	
02 90 50 00-0055	EA	Refrigerator, Outside, Light Clean For Disaster Clean-up.....	30.59	
		For Medium Clean, Add	12.85	
		For Heavy Clean, Add	39.77	
02 90 50 00-0056	EA	Range, Outside, Light Clean For Disaster Clean-up.....	26.44	
		For Medium Clean, Add	11.10	
		For Heavy Clean, Add	34.37	
02 90 50 00-0057		Clean Plumbing (02 90 50 00-0008)		
02 90 50 00-0058	EA	Water Heater, Light Clean For Disaster Clean-up.....	18.80	
		For Medium Clean, Add	7.90	
		For Heavy Clean, Add	24.44	
02 90 50 00-0059	EA	Plumbing Fixture, Light Clean For Disaster Clean-up.....	18.99	
		For Medium Clean, Add	7.98	
		For Heavy Clean, Add	24.69	
02 90 50 00-0060	EA	Restroom Accessory, Light Clean For Disaster Clean-up.....	8.71	
		For Medium Clean, Add	3.66	
		For Heavy Clean, Add	11.32	
02 90 50 00-0061		Clean HVAC (02 90 50 00-0008)		



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

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0062	LF		Baseboard Heater, Light Clean For Disaster Clean-up.....	5.62	
			For Medium Clean, Add	2.36	
			For Heavy Clean, Add	7.31	
02 90 50 00-0063	LF		Ductwork, Exterior Wipe, Light Clean For Disaster Clean-up	15.67	
			For Medium Clean, Add	6.58	
			For Heavy Clean, Add	20.37	
02 90 50 00-0064	EA		Ductwork, Interior (Per Grille/Register), Light Clean For Disaster Clean-up	60.16	
			For Medium Clean, Add	25.27	
			For Heavy Clean, Add	78.21	
02 90 50 00-0065	EA		Grille/Register, Light Clean For Disaster Clean-up	5.64	
			For Medium Clean, Add	2.37	
			For Heavy Clean, Add	7.33	
02 90 50 00-0066	EA		Air Handling Unit, Exterior Wipe, Light Clean For Disaster Clean-up	39.06	
			For Medium Clean, Add	16.41	
			For Heavy Clean, Add	50.78	
02 90 50 00-0067	EA		Furnace, Exterior Wipe, Light Clean For Disaster Clean-up	34.78	
			For Medium Clean, Add	14.61	
			For Heavy Clean, Add	45.21	
02 90 50 00-0068 Clean Electrical (02 90 50 00-0008)					
02 90 50 00-0069	EA		Electric Fan, Light Clean For Disaster Clean-up	23.19	
			For Medium Clean, Add	9.74	
			For Heavy Clean, Add	30.15	
02 90 50 00-0070	EA		Ceiling Fan, Light Clean For Disaster Clean-up	25.07	
			For Medium Clean, Add	10.53	
			For Heavy Clean, Add	32.59	
02 90 50 00-0071	EA		Ceiling Fan And Light, Light Clean For Disaster Clean-up	32.59	
			For Medium Clean, Add	13.69	
			For Heavy Clean, Add	42.37	
02 90 50 00-0072	EA		Ceiling Exhaust Fan, Light Clean For Disaster Clean-up	22.87	
			For Medium Clean, Add	9.61	
			For Heavy Clean, Add	29.73	
02 90 50 00-0073	EA		2' x 4' Light Fixture, Light Clean For Disaster Clean-up	15.05	
			For Medium Clean, Add	6.32	
			For Heavy Clean, Add	19.57	
02 90 50 00-0074	EA		Light Fixture, Light Clean For Disaster Clean-up	6.89	
			For Medium Clean, Add	2.89	
			For Heavy Clean, Add	8.96	
02 90 50 00-0075	EA		Smoke Detector, Light Clean For Disaster Clean-up	5.33	
			For Medium Clean, Add	2.24	
			For Heavy Clean, Add	6.93	
02 90 50 00-0076	EA		Thermostat, Light Clean For Disaster Clean-up	1.88	
			For Medium Clean, Add	0.79	
			For Heavy Clean, Add	2.44	
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 Disaster Clean-up	0.02	
02 90 50 00-0079 Contents Manipulation (02 90 50)					
02 90 50 00-0080	SF		Cover Contents With 6 Mil Plastic Sheeting For Disaster Clean-up	0.24	
02 90 50 00-0081	SF		Floor Protection, Adhesive Film For Disaster Clean-up	0.29	
02 90 50 00-0082	SF		Move Contents Out And Later Reset For Disaster Clean-up	0.50	
02 90 50 00-0083	MO		20' Long Job Site Storage Trailer For Disaster Clean-up	193.09	
02 90 50 00-0084	MO		40' Long Job Site Storage Trailer For Disaster Clean-up	256.07	
02 90 50 00-0085	EA		Delivery Or Pickup Job Site Storage Trailer For Disaster Clean-up	145.76	
02 90 50 00-0086 Water Disaster Clean-up (02 90 50)					
02 90 50 00-0087	LF		Detach Baseboard For Disaster Clean-up	0.67	
02 90 50 00-0088	LF		Detach And Later Reset Baseboard For Disaster Clean-up	1.20	
02 90 50 00-0089	EA		Block And Pad Furniture (Per Piece Of Furniture) For Disaster Clean-up	4.44	
02 90 50 00-0090	SF		Water Extraction From Floor For Disaster Clean-up	0.46	
02 90 50 00-0091	SF		Gray Water Extraction From Floor For Disaster Clean-up	0.75	
02 90 50 00-0092	SF		Black Water Extraction From Floor For Disaster Clean-up	1.18	
02 90 50 00-0093	SF		Tear Out Wet Non-Salvageable Carpet For Disaster Clean-up	0.37	
02 90 50 00-0094	SF		Tear Out Wet Non-Salvageable Carpet, Black Water For Disaster Clean-up	0.44	
02 90 50 00-0095	SF		Tear Out Wet Non-Salvageable Glue Down Carpet For Disaster Clean-up	0.66	
02 90 50 00-0096	SF		Tear Out Wet Non-Salvageable Glue Down Carpet, Black Water For Disaster Clean-up	0.96	
02 90 50 00-0097	SF		Tear Out Vinyl Flooring For Disaster Clean-up	0.91	
02 90 50 00-0098	SF		Tear Out Vinyl Flooring, Black Water For Disaster Clean-up	1.33	
02 90 50 00-0099	SF		Tear Out Wood Flooring, Black Water For Disaster Clean-up	3.45	
02 90 50 00-0100	SF		Tear Out Laminated Wood Flooring For Disaster Clean-up	1.69	
02 90 50 00-0101	SF		Tear Out Laminated Wood Flooring, Black Water For Disaster Clean-up	2.48	
02 90 50 00-0102	SF		Tear Out Wet Ceiling Tile For Disaster Clean-up	0.28	
02 90 50 00-0103	SF		Tear Out Batt Insulation For Disaster Clean-up	0.28	
02 90 50 00-0104	SF		Tear Out Wet Gypsum Board For Disaster Clean-up	0.48	
02 90 50 00-0105	SF		Apply Anti-microbial Agent For Disaster Clean-up	0.28	
02 90 50 00-0106	SF		High Efficiency Particulate Air (HEPA) Vacuuming For Disaster Clean-up	0.36	

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

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

02 90 50 00-0107 Board Up And Tarp Up (02 90 50)

02 90 50 00-0108	SF	Polyethylene Tarp On Roof For Disaster Clean-up.....	0.28
02 90 50 00-0109	SF	1/2" Temporary Plywood On Roof For Disaster Clean-up	1.61
02 90 50 00-0110	SF	5/8" Temporary Plywood On Roof For Disaster Clean-up	1.85
02 90 50 00-0111	SF	3/4" Temporary Plywood On Roof For Disaster Clean-up	2.02
02 90 50 00-0112	SF	1/2" Temporary Plywood On Wall Or Windows For Disaster Clean-up.....	1.98
02 90 50 00-0113	SF	5/8" Temporary Plywood On Wall Or Windows For Disaster Clean-up.....	2.22
02 90 50 00-0114	SF	3/4" Temporary Plywood On Wall Or Windows For Disaster Clean-up.....	2.39

02 90 50 00-0115 Minimum Charges (02 90 50)

02 90 50 00-0116	EA	Disaster Cleaning Minimum Charge	1,405.43
02 90 50 00-0117	EA	Disaster Water Extraction Minimum Charge	291.42
02 90 50 00-0118	EA	Disaster Carpet Cleaning Minimum Charge.....	248.62

02 90 50 00-0119 Document Restoration (02 90 50)

02 90 50 00-0120	EA	Book Rebinding, Each For Document Restoration	128.39
02 90 50 00-0121	EA	Book Recasing, Each For Document Restoration.....	64.18
02 90 50 00-0122	EA	Boxes-MCS, 1.2 CF For Document Restoration	9.14
02 90 50 00-0123	EA	Boxes-MCS, 2.0 CF For Document Restoration	10.08
02 90 50 00-0124	EA	Boxes Bankers For Document Restoration.....	20.51
02 90 50 00-0125	EA	Boxes Standard Packout For Document Restoration	5.85
02 90 50 00-0126	EA	Boxes X Ray For Document Restoration	12.85
02 90 50 00-0127	EA	CD Scanning and Diagnostics, Each For Document Restoration	12.85
02 90 50 00-0128	EA	Cleaning Antique Books, Each For Document Restoration.....	385.15
02 90 50 00-0129	EA	Cleaning Catheter Roll, Per Roll For Document Restoration	51.34
02 90 50 00-0130	EA	Cleaning CD And DVD, Per Disc For Document Restoration	5.16
02 90 50 00-0131	EA	Cleaning Level 1 - Blue Prints, Each For Document Restoration	4.08
02 90 50 00-0132	CF	Cleaning Level 1 - Document Per CF For Document Restoration	126.57
02 90 50 00-0133	EA	Cleaning Level 1 - Linen, Each For Document Restoration	4.08
02 90 50 00-0134	EA	Cleaning Level 1 - Mylar, Each For Document Restoration	4.08
02 90 50 00-0135	EA	Cleaning Level 2 - Blue Print, Each For Document Restoration	5.08
02 90 50 00-0136	CF	Cleaning Level 2 - Document Per CF For Document Restoration	189.68
02 90 50 00-0137	EA	Cleaning Level 2 - Linen, Each For Document Restoration	5.08
02 90 50 00-0138	EA	Cleaning Level 2 - Mylar, Each For Document Restoration	5.08
02 90 50 00-0139	EA	Cleaning Level 3 - Blue Prints, Each For Document Restoration	7.20
02 90 50 00-0140	CF	Cleaning Level 3 - Document Per CF For Document Restoration	253.10
02 90 50 00-0141	EA	Cleaning Level 3 - Linen, Each For Document Restoration	7.20
02 90 50 00-0142	EA	Cleaning Level 3 - Mylar, Each For Document Restoration	7.20
02 90 50 00-0143	EA	Cleaning Level 4 - All Fire-Blue Print, Each For Document Restoration	10.09
02 90 50 00-0144	EA	Cleaning Level 4 - All Fire-Linen, Each For Document Restoration	10.09
02 90 50 00-0145	EA	Cleaning Level 4 - All Fire-Mylar, Each For Document Restoration	10.09
02 90 50 00-0146	CF	Cleaning Level 4 - Light Fire-Document Per CF For Document Restoration	316.31
02 90 50 00-0147	EA	Cleaning Level 5 - Severe Fire-Blue Print, Each For Document Restoration	11.18
02 90 50 00-0148	CF	Cleaning Level 5 - Severe Fire-Document Per CF For Document Restoration	474.61
02 90 50 00-0149	EA	Cleaning Level 5 - Severe Fire-Linen, Each For Document Restoration	11.18
02 90 50 00-0150	EA	Cleaning Level 5 - Severe Fire-Mylar, Each For Document Restoration.....	11.18
02 90 50 00-0151	EA	Cleaning Microfiche Sheets, Each For Document Restoration	3.97
02 90 50 00-0152	EA	Cleaning Microfiche Strips, Each For Document Restoration	0.92
02 90 50 00-0153	EA	Cleaning Microfilm Rolls (In House), Per Roll For Document Restoration	128.39
02 90 50 00-0154	EA	Cleaning Microfilm Rolls (Outside), Per Roll For Document Restoration	179.75
02 90 50 00-0155	EA	Cleaning Photographs Negatives, Per Negative For Document Restoration	3.97
02 90 50 00-0156	EA	Cleaning Photographs, Each For Document Restoration	0.92
02 90 50 00-0157	EA	Cleaning Record Albums, Each For Document Restoration	5.16
02 90 50 00-0158	EA	Cleaning VHS And Beta Tapes-In House, Each For Document Restoration	12.85
02 90 50 00-0159	EA	Cleaning VHS And Beta Tapes-Outside, Each For Document Restoration	51.34
02 90 50 00-0160	EA	Cleaning X Ray 1-1000, Per Film For Document Restoration.....	5.41
02 90 50 00-0161	EA	Cleaning X Ray 1K-5K, Per Film For Document Restoration	4.62
02 90 50 00-0162	EA	Cleaning X Ray 5K-Up, Per Film For Document Restoration	3.63
02 90 50 00-0163	EA	Copying Clean Water, Per Page For Document Restoration	0.53
02 90 50 00-0164	EA	Copying Greywater Fire, Per Page For Document Restoration	1.39
02 90 50 00-0165	CF	Deodorization, Vapor Tech For Document Restoration	9.28
02 90 50 00-0166	CF	Disinfectant-Fogging For Document Restoration	18.00
02 90 50 00-0167	EA	Document Disposal In House No Shredding For Document Restoration	72.11
02 90 50 00-0168	EA	Document Disposal In House With Shredding For Document Restoration	19.68
02 90 50 00-0169	CF	Up To 150 CF, Drying-MCS Center For Document Restoration	231.09
02 90 50 00-0170	CF	>150 To 500 CF, Drying-MCS Center For Document Restoration	179.75
02 90 50 00-0171	CF	>500 CF, Drying-MCS Center For Document Restoration	154.06
02 90 50 00-0172	CF	>50 To 150 CF, Drying-MCS Center For Document Restoration	205.42
02 90 50 00-0173	CF	Up To 500 CF, Drying-Onsite For Document Restoration.....	385.15
02 90 50 00-0174	CF	>500 CF, Drying-Onsite For Document Restoration	236.27
02 90 50 00-0175	EA	Drying Antique Books, Each For Document Restoration	51.34
02 90 50 00-0176	EA	Drying Blue Prints, Each For Document Restoration	6.42
02 90 50 00-0177	EA	DVD Scanning And Diagnostics, Each For Document Restoration	12.85
02 90 50 00-0178	EA	Freeze Drying (In House) For Document Restoration.....	131.61
02 90 50 00-0179	EA	Freeze Drying (Outside) For Document Restoration	112.81
02 90 50 00-0180	EA	Up To 48 CF, Irradiation - Gamma (Minimum Charge) For Document Restoration	3,102.16
02 90 50 00-0181	CF	>48 CF, Irradiation - Gamma (Per CF Charge) For Document Restoration	28.20
02 90 50 00-0182	EA	Minimal Drying Jobs For Document Restoration.....	1,306.67



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

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0183 EA Monthly Storage For Document Restoration.....	235.01	
02 90 50 00-0184 EA Mylar Prints For Document Restoration.....	12.85	
02 90 50 00-0185 CF Ozoning For Document Restoration.....	8.34	
02 90 50 00-0186 CF Stabilization Freezer Storage, Per Cubic Foot Per Month For Document Restoration.....	11.36	
02 90 50 00-0187 MO Stabilization Freezer Storage, Per Page-Per Month For Document Restoration.....	0.12	
02 90 50 00-0188 EA Wood Pallets, Each For Document Restoration.....	31.57	

02 90 55 Emergency Clean-up (02 90)

02 90 55 00-0001 Emergency Clean-up (02 90 55)

Note: 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 55 00-0002 Emergency Clean-up Labor (02 90 55 00-0001)

Note: Used in the performance of time and material projects. Labor costs are based on workers familiar with and skilled in the performance of the task following restoration requirements. Not to be used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Clean-up sections.

02 90 55 00-0003 HR Skilled Tradesman For Emergency Clean Up.....	61.68
02 90 55 00-0004 HR Restoration / Document Laborer For Emergency Clean Up.....	43.18
02 90 55 00-0005 HR Restoration / Document Supervisor For Emergency Clean Up.....	59.37
02 90 55 00-0006 HR Restoration / Document Project Manager For Emergency Clean Up.....	97.15
02 90 55 00-0007 HR Assistant Project Manager For Emergency Clean Up.....	80.96
02 90 55 00-0008 HR Senior Project Manager For Emergency Clean Up.....	113.34
02 90 55 00-0009 HR Project Director / Document Consultant / Account Manager For Emergency Clean Up.....	161.91
02 90 55 00-0010 HR Equipment Technician For Emergency Clean Up.....	118.73
02 90 55 00-0011 HR Mold Remediation Laborer For Emergency Clean Up.....	59.11
02 90 55 00-0012 HR Mold Remediation Supervisor For Emergency Clean Up.....	80.96
02 90 55 00-0013 HR Administrative Personnel For Emergency Clean Up.....	37.78
02 90 55 00-0014 HR Project Accountant For Emergency Clean Up.....	61.68
02 90 55 00-0015 HR Biohazard Technician For Emergency Clean Up.....	85.71
02 90 55 00-0016 HR Biohazard Supervisor For Emergency Clean Up.....	103.06
02 90 55 00-0017 HR Health And Safety Officer For Emergency Clean Up.....	92.52
02 90 55 00-0018 HR Resource And Logistics Coordinator For Emergency Clean Up.....	66.82
02 90 55 00-0019 HR Loss Control Specialist For Emergency Clean Up.....	64.76
02 90 55 00-0020 HR Moisture Control Specialist For Emergency Clean Up.....	53.46
02 90 55 00-0021 HR Mobilization Support For Emergency Clean Up.....	32.90

02 90 55 00-0022 Emergency Clean-up Equipment (02 90 55 00-0001)

Note: 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 55 00-0023 General Emergency Clean-up Equipment (02 90 55 00-0022)

02 90 55 00-0024 DAY 265 CFM Portable Ozone Machine, 12,000 MG/HR For Emergency Clean-up.....	107.35
02 90 55 00-0025 WK 265 CFM Portable Ozone Machine, 12,000 MG/HR For Emergency Clean-up.....	409.53
02 90 55 00-0026 MO 265 CFM Portable Ozone Machine, 12,000 MG/HR For Emergency Clean-up.....	1,121.23
02 90 55 00-0027 DAY 13" Floor Buffer Rental For Emergency Clean-up.....	55.06
02 90 55 00-0028 WK 13" Floor Buffer Rental For Emergency Clean-up.....	147.10
02 90 55 00-0029 MO 13" Floor Buffer Rental For Emergency Clean-up.....	406.07
02 90 55 00-0030 DAY 17" Floor Buffer Rental For Emergency Clean-up.....	101.52
02 90 55 00-0031 WK 17" Floor Buffer Rental For Emergency Clean-up.....	258.98
02 90 55 00-0032 MO 17" Floor Buffer Rental For Emergency Clean-up.....	611.18
02 90 55 00-0033 DAY Walk Behind Floor Scrubber Rental For Emergency Clean-up.....	559.39
02 90 55 00-0034 WK Walk Behind Floor Scrubber Rental For Emergency Clean-up.....	1,502.06
02 90 55 00-0035 MO Walk Behind Floor Scrubber Rental For Emergency Clean-up.....	4,185.04
02 90 55 00-0036 DAY Ride-On Floor Scrubber Rental For Emergency Clean-up.....	1,263.80
02 90 55 00-0037 WK Ride-On Floor Scrubber Rental For Emergency Clean-up.....	3,335.60
02 90 55 00-0038 MO Ride-On Floor Scrubber Rental For Emergency Clean-up.....	8,991.61
02 90 55 00-0039 DAY 4 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up.....	91.16
02 90 55 00-0040 WK 4 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up.....	258.98
02 90 55 00-0041 MO 4 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up.....	890.87
02 90 55 00-0042 DAY 8 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up.....	84.94
02 90 55 00-0043 WK 8 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up.....	227.90
02 90 55 00-0044 MO 8 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up.....	590.46
02 90 55 00-0045 DAY 17 to 30 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up.....	135.91
02 90 55 00-0046 WK 17 to 30 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up.....	387.84
02 90 55 00-0047 MO 17 to 30 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up.....	1,083.97
02 90 55 00-0048 DAY Truck Mounted Extractor Rental For Emergency Clean-up.....	965.45
02 90 55 00-0049 WK Truck Mounted Extractor Rental For Emergency Clean-up.....	2,896.34
02 90 55 00-0050 MO Truck Mounted Extractor Rental For Emergency Clean-up.....	8,689.03
02 90 55 00-0051 DAY 16" Chain Saw Rental For Emergency Clean-up.....	99.45
02 90 55 00-0052 WK 16" Chain Saw Rental For Emergency Clean-up.....	223.75
02 90 55 00-0053 MO 16" Chain Saw Rental For Emergency Clean-up.....	596.68
02 90 55 00-0054 DAY 20" Chain Saw Rental For Emergency Clean-up.....	124.31
02 90 55 00-0055 WK 20" Chain Saw Rental For Emergency Clean-up.....	279.69
02 90 55 00-0056 MO 20" Chain Saw Rental For Emergency Clean-up.....	745.85
02 90 55 00-0057 EA Cleaning Kit With Mop, Broom And Bucket For Emergency Clean-up.....	93.23
02 90 55 00-0058 DAY 14" To 16" Electric Cut Off Saw Rental For Emergency Clean-up.....	132.60
02 90 55 00-0059 WK 14" To 16" Electric Cut Off Saw Rental For Emergency Clean-up.....	362.56
02 90 55 00-0060 MO 14" To 16" Electric Cut Off Saw Rental For Emergency Clean-up.....	1,015.18
02 90 55 00-0061 DAY 12" To 14" Gasoline Cut Off Saw Rental For Emergency Clean-up.....	161.60

02 Existing Conditions**02 90 Disaster Recovery****02 90 55 Emergency Clean-up**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

02 90 55 00-0062	WK	12" To 14" Gasoline Cut Off Saw Rental For Emergency Clean-up.....	549.03	
02 90 55 00-0063	MO	12" To 14" Gasoline Cut Off Saw Rental For Emergency Clean-up.....	1,046.26	
02 90 55 00-0064	DAY	Wet Or Dry Portable Cleaning Unit For Emergency Clean-up.....	155.99	
02 90 55 00-0065	WK	Wet Or Dry Portable Cleaning Unit For Emergency Clean-up.....	428.98	
02 90 55 00-0066	MO	Wet Or Dry Portable Cleaning Unit For Emergency Clean-up.....	1,169.93	
02 90 55 00-0067	DAY	Extension Cords - 220 Volt For Emergency Clean-up.....	51.80	
02 90 55 00-0068	DAY	Extension Cords - 220 Volt Converter Box For Emergency Clean-up.....	31.08	
02 90 55 00-0069	DAY	Demolition Cart, 1 Yard For Emergency Clean-up.....	82.87	
02 90 55 00-0070	WK	Demolition Cart, 1 Yard For Emergency Clean-up.....	227.90	
02 90 55 00-0071	MO	Demolition Cart, 1 Yard For Emergency Clean-up.....	621.54	
02 90 55 00-0072	DAY	Demolition Cart, 1-1/2 Yard For Emergency Clean-up.....	103.59	
02 90 55 00-0073	WK	Demolition Cart, 1-1/2 Yard For Emergency Clean-up.....	284.87	
02 90 55 00-0074	MO	Demolition Cart, 1-1/2 Yard For Emergency Clean-up.....	776.92	
02 90 55 00-0075	EA	Demolition Kit With Wheel Barrow, Shovel And Broom For Emergency Clean-up.....	155.38	
02 90 55 00-0076	DAY	Dry-Ice Blasting System For Emergency Clean-up.....	1,830.28	
02 90 55 00-0077	DAY	Fogger - Mist For Emergency Clean-up.....	45.88	
02 90 55 00-0078	WK	Fogger - Mist For Emergency Clean-up.....	126.17	
02 90 55 00-0079	MO	Fogger - Mist For Emergency Clean-up.....	344.10	
02 90 55 00-0080	DAY	Fogger - Electric Thermal For Emergency Clean-up.....	66.07	
02 90 55 00-0081	WK	Fogger - Electric Thermal For Emergency Clean-up.....	181.68	
02 90 55 00-0082	MO	Fogger - Electric Thermal For Emergency Clean-up.....	495.50	
02 90 55 00-0083	DAY	Fogger - Gas Power Thermal For Emergency Clean-up.....	191.10	
02 90 55 00-0084	WK	Fogger - Gas Power Thermal For Emergency Clean-up.....	525.52	
02 90 55 00-0085	MO	Fogger - Gas Power Thermal For Emergency Clean-up.....	1,433.23	
02 90 55 00-0086	EA	Gang Box, Demo/Framing (One Time Per Job) For Emergency Clean-up.....	218.48	
02 90 55 00-0087	WK	Gang Box, Demo/Framing (One Time Per Job) For Emergency Clean-up.....	600.81	
02 90 55 00-0088	MO	Gang Box, Demo/Framing (One Time Per Job) For Emergency Clean-up.....	1,638.56	
02 90 55 00-0089	DAY	Hand Trucks/Dollies For Emergency Clean-up.....	24.86	
02 90 55 00-0090	WK	Hand Trucks/Dollies For Emergency Clean-up.....	68.37	
02 90 55 00-0091	MO	Hand Trucks/Dollies For Emergency Clean-up.....	186.46	
02 90 55 00-0092	DAY	Heat Gun - Shrink Wrap For Emergency Clean-up.....	141.01	
02 90 55 00-0093	WK	Heat Gun - Shrinkwrap For Emergency Clean-up.....	387.77	
02 90 55 00-0094	MO	Heat Gun - Shrinkwrap For Emergency Clean-up.....	1,057.56	
02 90 55 00-0095	DAY	High Efficiency Particulate Air (HEPA) Negative Air Machine For Emergency Clean-up..... Note: Includes all filters.	192.26	
02 90 55 00-0096	DAY	Ladder For Emergency Clean-up.....	35.22	
02 90 55 00-0097	DAY	Lights - Demo, Drop, Stand, String For Emergency Clean-up.....	33.03	
02 90 55 00-0098	DAY	Lights - Wobble For Emergency Clean-up.....	40.37	
02 90 55 00-0099	DAY	Moisture Meter For Emergency Clean-up.....	55.06	
02 90 55 00-0100	WK	Moisture Meter For Emergency Clean-up.....	151.40	
02 90 55 00-0101	MO	Moisture Meter For Emergency Clean-up.....	412.92	
02 90 55 00-0102	DAY	Nail Gun For Emergency Clean-up.....	93.23	
02 90 55 00-0103	WK	Nail Gun For Emergency Clean-up.....	256.39	
02 90 55 00-0104	MO	Nail Gun For Emergency Clean-up.....	699.23	
02 90 55 00-0105	DAY	Ozone Generator For Emergency Clean-up.....	229.40	
02 90 55 00-0106	DAY	PPE (Personal Protective Equipment) Mold Remediation Related For Emergency Clean-up.....	124.31	
02 90 55 00-0107	DAY	Portable Generator, Up To 7,500 Watt For Emergency Clean-up.....	183.52	
02 90 55 00-0108	DAY	Pressure Washer, Hot For Emergency Clean-up.....	275.28	
02 90 55 00-0109	DAY	Pressure Washer, Cold For Emergency Clean-up.....	183.52	
02 90 55 00-0110	DAY	Scaffolding - Per Section For Emergency Clean-up.....	134.67	
02 90 55 00-0111	DAY	Small Tools - Tool Box For Emergency Clean-up.....	51.80	
02 90 55 00-0112	DAY	Soda Blasting Equipment For Emergency Clean-up.....	1,816.18	
02 90 55 00-0113	DAY	Sprayer - Hudson For Emergency Clean-up.....	16.57	
02 90 55 00-0114	WK	Sprayer - Hudson For Emergency Clean-up.....	45.58	
02 90 55 00-0115	MO	Sprayer - Hudson For Emergency Clean-up.....	124.31	
02 90 55 00-0116	DAY	0.47 GPM, Airless Paint Sprayer For Emergency Clean-up.....	111.96	
02 90 55 00-0117	WK	0.47 GPM, Airless Paint Sprayer For Emergency Clean-up.....	329.42	
02 90 55 00-0118	MO	0.47 GPM, Airless Paint Sprayer For Emergency Clean-up.....	1,127.52	
02 90 55 00-0119	DAY	0.60 GPM, Airless Paint Sprayer For Emergency Clean-up.....	220.77	
02 90 55 00-0120	WK	0.60 GPM, Airless Paint Sprayer For Emergency Clean-up.....	520.39	
02 90 55 00-0121	MO	0.60 GPM, Airless Paint Sprayer For Emergency Clean-up.....	1,450.80	
02 90 55 00-0122	DAY	0.80 GPM, Airless Paint Sprayer For Emergency Clean-up.....	236.54	
02 90 55 00-0123	WK	0.80 GPM, Airless Paint Sprayer For Emergency Clean-up.....	591.35	
02 90 55 00-0124	MO	0.80 GPM, Airless Paint Sprayer For Emergency Clean-up.....	1,592.72	
02 90 55 00-0125	DAY	Storage Space (Per SF Per Day) For Emergency Clean-up.....	4.55	
02 90 55 00-0126	DAY	Submersible Pump For Emergency Clean-up.....	45.88	
02 90 55 00-0127	DAY	Trash Pump - 2" Gas Powered For Emergency Clean-up.....	261.33	
02 90 55 00-0128	DAY	Vehicle, Pick-up, SUV, Car For Emergency Clean-up.....	129.73	
02 90 55 00-0129	DAY	Vehicle, Van For Emergency Clean-up.....	211.51	
02 90 55 00-0130	DAY	16' Or 24' Box Truck Vehicle For Emergency Clean-up..... Note: Includes Mileage	265.41	
02 90 55 00-0131	DAY	Trailer - Refrigerated 40' Storage For Emergency Clean-up.....	281.08	
02 90 55 00-0132	DAY	Utility Trailer For Emergency Clean-up..... Note: Includes Mileage	234.07	
02 90 55 00-0133	DAY	Truck Mount, Per Wand Extraction For Emergency Clean-up.....	1,055.68	
02 90 55 00-0134	DAY	High Efficiency Particulate Air (HEPA) Backpack Vacuum For Emergency Clean-up.....	45.88	
02 90 55 00-0135	WK	High Efficiency Particulate Air (HEPA) Backpack Vacuum For Emergency Clean-up.....	126.17	
02 90 55 00-0136	MO	High Efficiency Particulate Air (HEPA) Backpack Vacuum For Emergency Clean-up.....	344.10	
02 90 55 00-0137	DAY	12 Gallon, Industrial High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up.....	155.99	
02 90 55 00-0138	WK	12 Gallon, Industrial High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up.....	428.98	
02 90 55 00-0139	MO	12 Gallon, Industrial High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up.....	1,169.93	



Existing Conditions			02
Disaster Recovery			02 90
Emergency Clean-up			02 90 55

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 55 00-0140	DAY		Vacuum - Upright For Emergency Clean-up	31.02	
02 90 55 00-0141	WK		Vacuum - Upright For Emergency Clean-up	95.31	
02 90 55 00-0142	MO		Vacuum - Upright For Emergency Clean-up	232.66	
02 90 55 00-0143	DAY		12 To 23 Gallon, Wet/Dry Shop Vacuum For Emergency Clean-up	64.23	
02 90 55 00-0144	WK		12 To 23 Gallon, Wet/Dry Shop Vacuum For Emergency Clean-up	159.53	
02 90 55 00-0145	MO		12 To 23 Gallon, Wet/Dry Shop Vacuum For Emergency Clean-up	383.28	
02 90 55 00-0146	DAY		55 Gallon Wet/Dry Drum Top Vacuum For Emergency Clean-up	64.23	
02 90 55 00-0147	WK		55 Gallon Wet/Dry Drum Top Vacuum For Emergency Clean-up	159.53	
02 90 55 00-0148	MO		55 Gallon Wet/Dry Drum Top Vacuum For Emergency Clean-up	404.00	
02 90 55 00-0149	DAY		17 Gallon Wet Vacuum With Pump Discharge For Emergency Clean-up	147.10	
02 90 55 00-0150	WK		17 Gallon Wet Vacuum With Pump Discharge For Emergency Clean-up	393.64	
02 90 55 00-0151	MO		17 Gallon Wet Vacuum With Pump Discharge For Emergency Clean-up	1,098.05	
02 90 55 00-0152	DAY		Zip Wall Poles (Per 2 Poles) For Emergency Clean-up	45.88	
02 90 55 00-0153	WK		Zip Wall Poles (Per 2 Poles) For Emergency Clean-up	126.17	
02 90 55 00-0154	MO		Zip Wall Poles (Per 2 Poles) For Emergency Clean-up	344.10	
02 90 55 00-0155	DAY		10' x 10' Canopy For Emergency Clean-up	180.52	
02 90 55 00-0156	WK		10' x 10' Canopy For Emergency Clean-up	261.05	
02 90 55 00-0157	MO		10' x 10' Canopy For Emergency Clean-up	522.09	
02 90 55 00-0158	DAY		10' x 20' Canopy For Emergency Clean-up	261.05	
02 90 55 00-0159	WK		10' x 20' Canopy For Emergency Clean-up	522.09	
02 90 55 00-0160	MO		10' x 20' Canopy For Emergency Clean-up	1,044.19	
02 90 55 00-0161	DAY		16' x 16' Canopy For Emergency Clean-up	327.34	
02 90 55 00-0162	WK		16' x 16' Canopy For Emergency Clean-up	654.69	
02 90 55 00-0163	MO		16' x 16' Canopy For Emergency Clean-up	1,309.38	
02 90 55 00-0164	DAY		20' x 20' Canopy For Emergency Clean-up	435.08	
02 90 55 00-0165	WK		20' x 20' Canopy For Emergency Clean-up	870.16	
02 90 55 00-0166	MO		20' x 20' Canopy For Emergency Clean-up	1,740.31	
02 90 55 00-0167	DAY		20' x 30' Canopy For Emergency Clean-up	497.23	
02 90 55 00-0168	WK		20' x 30' Canopy For Emergency Clean-up	994.46	
02 90 55 00-0169	MO		20' x 30' Canopy For Emergency Clean-up	1,988.93	
02 90 55 00-0170	DAY		20' x 40' Canopy For Emergency Clean-up	580.10	
02 90 55 00-0171	WK		20' x 40' Canopy For Emergency Clean-up	1,160.21	
02 90 55 00-0172	MO		20' x 40' Canopy For Emergency Clean-up	2,320.42	
02 90 55 00-0173	DAY		First Aid Station For Emergency Clean-up	313.26	
02 90 55 00-0174	WK		First Aid Station For Emergency Clean-up	861.45	
02 90 55 00-0175	MO		First Aid Station For Emergency Clean-up	2,349.42	
02 90 55 00-0176	DAY		Portable Eyewash Station For Emergency Clean-up	95.14	
02 90 55 00-0177	WK		Portable Eyewash Station For Emergency Clean-up	261.63	
02 90 55 00-0178	MO		Portable Eyewash Station For Emergency Clean-up	713.53	
02 90 55 00-0179	DAY		2 Way Radio For Emergency Clean-up	39.48	
02 90 55 00-0180 Technical/Electronics Restoration Equipment (02 90 55 00-0022)					
02 90 55 00-0181	DAY		Computer - Diagnostic For Emergency Clean-up	51.80	
02 90 55 00-0182	WK		Computer - Diagnostic For Emergency Clean-up	142.44	
02 90 55 00-0183	MO		Computer - Diagnostic For Emergency Clean-up	388.46	
02 90 55 00-0184	DAY		Convection Oven - Large For Emergency Clean-up	820.66	
02 90 55 00-0185	WK		Convection Oven - Large For Emergency Clean-up	2,256.82	
02 90 55 00-0186	MO		Convection Oven - Large For Emergency Clean-up	6,154.98	
02 90 55 00-0187	DAY		Convection Oven - Small For Emergency Clean-up	186.46	
02 90 55 00-0188	WK		Convection Oven - Small For Emergency Clean-up	512.77	
02 90 55 00-0189	MO		Convection Oven - Small For Emergency Clean-up	1,398.46	
02 90 55 00-0190	DAY		Convection Oven - Vacuum For Emergency Clean-up	1,171.30	
02 90 55 00-0191	WK		Convection Oven - Vacuum For Emergency Clean-up	3,221.08	
02 90 55 00-0192	MO		Convection Oven - Vacuum For Emergency Clean-up	8,784.77	
02 90 55 00-0193	DAY		Decontamination Booth For Emergency Clean-up	968.25	
02 90 55 00-0194	WK		Decontamination Booth For Emergency Clean-up	2,662.69	
02 90 55 00-0195	MO		Decontamination Booth For Emergency Clean-up	7,261.89	
02 90 55 00-0196	DAY		DI Water System For Emergency Clean-up	75.20	
02 90 55 00-0197	WK		DI Water System For Emergency Clean-up	206.81	
02 90 55 00-0198	MO		DI Water System For Emergency Clean-up	564.03	
02 90 55 00-0199	DAY		ESD Bench Workstation For Emergency Clean-up	46.06	
02 90 55 00-0200	WK		ESD Bench Workstation For Emergency Clean-up	126.67	
02 90 55 00-0201	MO		ESD Bench Workstation For Emergency Clean-up	345.47	
02 90 55 00-0202	DAY		Heater/Enclosure Control System For Emergency Clean-up	31.08	
02 90 55 00-0203	WK		Heater/Enclosure Control System For Emergency Clean-up	85.46	
02 90 55 00-0204	MO		Heater/Enclosure Control System For Emergency Clean-up	233.08	
02 90 55 00-0205	DAY		Hi-Tech Mobile Cart/Workstation For Emergency Clean-up	118.45	
02 90 55 00-0206	WK		Hi-Tech Mobile Cart/Workstation For Emergency Clean-up	325.73	
02 90 55 00-0207	MO		Hi-Tech Mobile Cart/Workstation For Emergency Clean-up	888.35	
02 90 55 00-0208	DAY		Micro-Blaster/Dust Collector For Emergency Clean-up	466.16	
02 90 55 00-0209	WK		Micro-Blaster/Dust Collector For Emergency Clean-up	1,281.93	
02 90 55 00-0210	MO		Micro-Blaster/Dust Collector For Emergency Clean-up	3,496.16	
02 90 55 00-0211	DAY		Mobile Laboratory For Emergency Clean-up	1,294.88	
02 90 55 00-0212	WK		Mobile Laboratory For Emergency Clean-up	3,560.91	
02 90 55 00-0213	MO		Mobile Laboratory For Emergency Clean-up	9,711.56	
02 90 55 00-0214	DAY		Nitrogen Enclosure Cabinet For Emergency Clean-up	24.86	
02 90 55 00-0215	WK		Nitrogen Enclosure Cabinet For Emergency Clean-up	68.37	
02 90 55 00-0216	MO		Nitrogen Enclosure Cabinet For Emergency Clean-up	186.46	
02 90 55 00-0217	DAY		Odell Cleaning Station For Emergency Clean-up	725.13	
02 90 55 00-0218	WK		Odell Cleaning Station For Emergency Clean-up	1,994.11	

02 Existing Conditions**02 90 Disaster Recovery****02 90 55 Emergency Clean-up**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 55 00-0219 MO Odell Cleaning Station For Emergency Clean-up	5,438.48	
02 90 55 00-0220 DAY Parts Washer For Emergency Clean-up	51.80	
02 90 55 00-0221 WK Parts Washer For Emergency Clean-up	142.44	
02 90 55 00-0222 MO Parts Washer For Emergency Clean-up	388.46	
02 90 55 00-0223 DAY Ultrasonic Cleaning System For Emergency Clean-up	352.52	
02 90 55 00-0224 WK Ultrasonic Cleaning System For Emergency Clean-up	969.43	
02 90 55 00-0225 MO Ultrasonic Cleaning System For Emergency Clean-up	2,643.89	
02 90 55 00-0226 DAY Technical High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	155.99	
02 90 55 00-0227 WK Technical High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	429.98	
02 90 55 00-0228 MO Technical High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	1,169.93	
02 90 55 00-0229 Drying/Dehumidification Equipment (02 90 55 00-0022)		
02 90 55 00-0230 DAY 202 CFM Water Extraction Unit With Dual 3-Stage Vacuums For Emergency Clean-up	229.40	
Note: Includes 25' high Pressure solution hose and 25' Vacuum hose.		
02 90 55 00-0231 WK 202 CFM Water Extraction Unit With Dual 3-Stage Vacuums For Emergency Clean-up	630.85	
Note: Includes 25' high Pressure solution hose and 25' Vacuum hose.		
02 90 55 00-0232 MO 202 CFM Water Extraction Unit With Dual 3-Stage Vacuums For Emergency Clean-up	1,720.49	
Note: Includes 25' high Pressure solution hose and 25' Vacuum hose.		
02 90 55 00-0233 DAY 2,200 CFM Centrifugal Air Mover For Emergency Clean-up	57.63	
02 90 55 00-0234 WK 2,200 CFM Centrifugal Air Mover For Emergency Clean-up	158.49	
02 90 55 00-0235 MO 2,200 CFM Centrifugal Air Mover For Emergency Clean-up	432.25	
02 90 55 00-0236 DAY 3,000 CFM Axial Air Mover For Emergency Clean-up	96.05	
02 90 55 00-0237 WK 3,000 CFM Axial Air Mover For Emergency Clean-up	264.15	
02 90 55 00-0238 MO 3,000 CFM Axial Air Mover For Emergency Clean-up	720.41	
02 90 55 00-0239 DAY Injectidry System For Emergency Clean-up	284.45	
02 90 55 00-0240 WK Injectidry System For Emergency Clean-up	782.25	
02 90 55 00-0241 MO Injectidry System For Emergency Clean-up	2,133.41	
02 90 55 00-0242 DAY Up To 100 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	183.52	
02 90 55 00-0243 WK Up To 100 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	504.68	
02 90 55 00-0244 MO Up To 100 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	1,376.39	
02 90 55 00-0245 DAY >100 To 175 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	258.98	
02 90 55 00-0246 WK >100 To 175 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	712.18	
02 90 55 00-0247 MO >100 To 175 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	1,942.31	
02 90 55 00-0248 DAY >175 To 250 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	253.43	
02 90 55 00-0249 WK >175 To 250 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	696.94	
02 90 55 00-0250 MO >175 To 250 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	1,900.73	
02 90 55 00-0251 DAY Phoenix 200 Refrigerant Dehumidifier For Emergency Clean-up	270.91	
02 90 55 00-0252 WK Phoenix 200 Refrigerant Dehumidifier For Emergency Clean-up	745.00	
02 90 55 00-0253 MO Phoenix 200 Refrigerant Dehumidifier For Emergency Clean-up	2,031.82	
02 90 55 00-0254 DAY Phoenix 300 Refrigerant Dehumidifier For Emergency Clean-up	270.91	
02 90 55 00-0255 WK Phoenix 300 Refrigerant Dehumidifier For Emergency Clean-up	745.00	
02 90 55 00-0256 MO Phoenix 300 Refrigerant Dehumidifier For Emergency Clean-up	2,031.82	
02 90 55 00-0257 DAY D-500 Desiccant Dehumidifier For Emergency Clean-up	305.86	
02 90 55 00-0258 WK D-500 Desiccant Dehumidifier For Emergency Clean-up	841.13	
02 90 55 00-0259 MO D-500 Desiccant Dehumidifier For Emergency Clean-up	2,293.99	
02 90 55 00-0260 DAY D-750 Desiccant Dehumidifier For Emergency Clean-up	642.32	
02 90 55 00-0261 WK D-750 Desiccant Dehumidifier For Emergency Clean-up	1,766.37	
02 90 55 00-0262 MO D-750 Desiccant Dehumidifier For Emergency Clean-up	4,817.37	
02 90 55 00-0263 DAY D-1000 Desiccant Dehumidifier For Emergency Clean-up	1,101.11	
02 90 55 00-0264 WK D-1000 Desiccant Dehumidifier For Emergency Clean-up	3,028.06	
02 90 55 00-0265 MO D-1000 Desiccant Dehumidifier For Emergency Clean-up	8,258.36	
02 90 55 00-0266 DAY D-1500 Desiccant Dehumidifier For Emergency Clean-up	1,695.37	
02 90 55 00-0267 WK D-1500 Desiccant Dehumidifier For Emergency Clean-up	4,662.26	
02 90 55 00-0268 MO D-1500 Desiccant Dehumidifier For Emergency Clean-up	12,715.24	
02 90 55 00-0269 DAY D-2000 Desiccant Dehumidifier For Emergency Clean-up	1,695.37	
02 90 55 00-0270 WK D-2000 Desiccant Dehumidifier For Emergency Clean-up	4,662.26	
02 90 55 00-0271 MO D-2000 Desiccant Dehumidifier For Emergency Clean-up	12,715.24	
02 90 55 00-0272 DAY D-2250 Desiccant Dehumidifier For Emergency Clean-up	1,770.52	
02 90 55 00-0273 WK D-2250 Desiccant Dehumidifier For Emergency Clean-up	4,868.93	
02 90 55 00-0274 MO D-2250 Desiccant Dehumidifier For Emergency Clean-up	13,278.91	
02 90 55 00-0275 DAY D-3000 Desiccant Dehumidifier For Emergency Clean-up	2,202.23	
02 90 55 00-0276 WK D-3000 Desiccant Dehumidifier For Emergency Clean-up	6,056.13	
02 90 55 00-0277 MO D-3000 Desiccant Dehumidifier For Emergency Clean-up	16,516.71	
02 90 55 00-0278 DAY D-4500 Desiccant Dehumidifier For Emergency Clean-up	2,477.51	
02 90 55 00-0279 WK D-4500 Desiccant Dehumidifier For Emergency Clean-up	6,813.14	
02 90 55 00-0280 MO D-4500 Desiccant Dehumidifier For Emergency Clean-up	18,581.30	
02 90 55 00-0281 DAY D-5000 Desiccant Dehumidifier For Emergency Clean-up	2,661.03	
02 90 55 00-0282 WK D-5000 Desiccant Dehumidifier For Emergency Clean-up	7,317.82	
02 90 55 00-0283 MO D-5000 Desiccant Dehumidifier For Emergency Clean-up	19,957.69	
02 90 55 00-0284 DAY D-9000 Desiccant Dehumidifier For Emergency Clean-up	3,495.60	
02 90 55 00-0285 WK D-9000 Desiccant Dehumidifier For Emergency Clean-up	9,612.90	
02 90 55 00-0286 MO D-9000 Desiccant Dehumidifier For Emergency Clean-up	26,217.00	
02 90 55 00-0287 DAY D-10500 Desiccant Dehumidifier For Emergency Clean-up	3,670.38	
02 90 55 00-0288 WK D-10500 Desiccant Dehumidifier For Emergency Clean-up	10,093.54	
02 90 55 00-0289 MO D-10500 Desiccant Dehumidifier For Emergency Clean-up	27,527.85	
02 90 55 00-0290 DAY 3.5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	641.58	
02 90 55 00-0291 WK 3.5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	1,764.36	
02 90 55 00-0292 MO 3.5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	4,811.88	
02 90 55 00-0293 DAY 5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	888.35	
02 90 55 00-0294 WK 5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	2,442.95	



Existing Conditions			02
Disaster Recovery			02 90
Emergency Clean-up			02 90 55

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 55 00-0295	MO	5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	6,662.60	
02 90 55 00-0296	DAY	10 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	1,101.11	
02 90 55 00-0297	WK	10 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	3,028.06	
02 90 55 00-0298	MO	10 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	8,258.36	
02 90 55 00-0299	DAY	25 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	1,468.15	
02 90 55 00-0300	WK	25 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	4,037.42	
02 90 55 00-0301	MO	25 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	11,011.14	
02 90 55 00-0302	DAY	50 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	2,477.51	
02 90 55 00-0303	WK	50 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	6,813.14	
02 90 55 00-0304	MO	50 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	18,581.30	
02 90 55 00-0305	DAY	80 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	2,752.78	
02 90 55 00-0306	WK	80 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	7,570.16	
02 90 55 00-0307	MO	80 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	20,645.89	
02 90 55 00-0308	DAY	25' Flex Duct For Emergency Clean-up.....	36.70	
02 90 55 00-0309	WK	25' Flex Duct For Emergency Clean-up.....	100.94	
02 90 55 00-0310	MO	25' Flex Duct For Emergency Clean-up.....	275.28	
02 90 55 00-0311	DAY	Hygrothermograph For Emergency Clean-up.....	51.80	
02 90 55 00-0312	WK	Hygrothermograph For Emergency Clean-up.....	142.44	
02 90 55 00-0313	MO	Hygrothermograph For Emergency Clean-up.....	388.46	
02 90 55 00-0314	DAY	Dehumidification Trailer With 1,500 CFM Desiccant Unit For Emergency Clean-up	9,289.48	
		Note: Includes 400 KW generator, 1500 CFM desiccant DH, 25 Ton DX unit, 1000 gallon fuel tank, and limited electrical distribution.		
02 90 55 00-0315	WK	Dehumidification Trailer With 1,500 CFM Desiccant Unit For Emergency Clean-up	25,546.07	
		Note: Includes 400 KW generator, 1500 CFM desiccant DH, 25 Ton DX unit, 1000 gallon fuel tank, and limited electrical distribution.		
02 90 55 00-0316	MO	Dehumidification Trailer With 1,500 CFM Desiccant Unit For Emergency Clean-up	69,671.11	
		Note: Includes 400 KW generator, 1500 CFM desiccant DH, 25 Ton DX unit, 1000 gallon fuel tank, and limited electrical distribution.		
02 90 55 00-0317		Power Equipment (02 90 55 00-0022)		
02 90 55 00-0318	WK	Up to 65 KVA Generator For Emergency Clean-up.....	1,222.06	
02 90 55 00-0319	WK	>65 to 125 KVA Generator For Emergency Clean-up	2,068.11	
02 90 55 00-0320	WK	>125 to 250 KVA Generator For Emergency Clean-up	2,017.14	
02 90 55 00-0321	WK	>250 to 375 KVA Generator For Emergency Clean-up	3,478.18	
02 90 55 00-0322	WK	>375 Up to 440 KVA Generator For Emergency Clean-up	4,700.25	
02 90 55 00-0323	WK	>440 to 625 KVA Generator For Emergency Clean-up	7,077.70	
02 90 55 00-0324	WK	>625 to 800 KVA Generator For Emergency Clean-up	7,238.38	
02 90 55 00-0325	WK	>800 to 1,000 KVA Generator For Emergency Clean-up.....	9,682.52	
02 90 55 00-0326	WK	>1,000 to 1,500 KVA Generator For Emergency Clean-up.....	14,570.78	
02 90 55 00-0327	EA	Generator Cable/Pigtails (Per Section) For Emergency Clean-up	31.59	
02 90 55 00-0328	EA	Sub-Distribution Panel (Spider Box) For Emergency Clean-up	151.35	
02 90 55 00-0329	EA	Electrical Distribution Panel For Emergency Clean-up	352.52	
02 90 55 00-0330	EA	Quad Box Strings (25' Sections) For Emergency Clean-up	56.87	
02 90 55 00-0331	EA	50' Power Cord For Spider Box For Emergency Clean-up	52.64	
02 90 55 00-0332	EA	Pig Tails (Per Each) For Emergency Clean-up	5.18	
02 90 55 00-0333		Freight Charges (02 90 55 00-0022)		
02 90 55 00-0334	MI	Freight Up To 1 Ton Pick Up Truck For Emergency Clean-up Equipment	2.59	
02 90 55 00-0335	MI	Freight >1 Ton Pick Up Truck For Emergency Clean-up Equipment	4.66	
02 90 55 00-0336	MI	Freight 16' Or 24' Box Truck For Emergency Clean-up Equipment	4.66	
02 90 55 00-0337	MI	Freight Tractor Trailer For Emergency Clean-up Equipment	6.73	
02 90 55 00-0338		Emergency Clean-up Personal Protection Equipment (02 90 55 00-0001)		
		Note: 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 55 00-0339	EA	Tyvek Coveralls For Emergency Clean-up Personal Protection Equipment	15.19	
02 90 55 00-0340	EA	Tyvek Coveralls With Elastic Wrists And Ankles For Emergency Clean-up Personal Protection Equipment	17.90	
02 90 55 00-0341	EA	Tyvek Coveralls With Hood, Elastic Wrists And Ankles For Emergency Clean-up Personal Protection Equipment	18.76	
02 90 55 00-0342	EA	Tyvek Coveralls With Hood, Boots, Elastic Wrists And Ankles For Emergency Clean-up Personal Protection Equipment	23.65	
02 90 55 00-0343	EA	Disposable Dual Cartridge Half-Mask Respirator For Emergency Clean-up Personal Protection Equipment	125.72	
02 90 55 00-0344	EA	N95 Respirator For Emergency Clean-up Personal Protection Equipment	5.26	
02 90 55 00-0345	EA	N95 Respirator With Valve For Emergency Clean-up Personal Protection Equipment	7.49	
02 90 55 00-0346	PR	3M Respirator Cartridges For Emergency Clean-up Personal Protection Equipment.....	50.25	
02 90 55 00-0347	EA	Respirator Cleaning Wipes, Per Box 100 For Emergency Clean-up Personal Protection Equipment	40.21	
02 90 55 00-0348	PR	P100 Respirator Cartridges For Emergency Clean-up Personal Protection Equipment	50.25	
02 90 55 00-0349	EA	Respirator Cartridge For Emergency Clean-up Personal Protection Equipment	53.06	
02 90 55 00-0350	BOX	Dust Mask, Box of 50, For Emergency Clean-up Personal Protection Equipment	59.16	
02 90 55 00-0351	PR	Cotton Canvas Gloves For Emergency Clean-up Personal Protection Equipment.....	4.23	
02 90 55 00-0352	BOX	5 Mil, Disposable Latex Gloves, Box of 100, For Emergency Clean-up Personal Protection Equipment	27.53	
02 90 55 00-0353	PR	4 Mil, Disposable Nitrile Gloves For Emergency Clean-up Personal Protection Equipment	0.56	
02 90 55 00-0354	PR	5 Mil, Disposable Vinyl Gloves For Emergency Clean-up Personal Protection Equipment	0.48	
02 90 55 00-0355	PR	17 Mil, Latex Gloves For Emergency Clean-up Personal Protection Equipment	2.24	
02 90 55 00-0356	PR	15 Mil, Nitrile Gloves For Emergency Clean-up Personal Protection Equipment.....	5.32	
02 90 55 00-0357	PR	Vinyl Coated Gloves With Knit Lining For Emergency Clean-up Personal Protection Equipment	7.29	
02 90 55 00-0358	PR	30 Mil, Polyvinyl Chloride (PVC) And Polyvinyl Chloride (PVC) Blend Gloves For Emergency Clean-up Personal Protection Equipment	8.17	
02 90 55 00-0359	PR	Leather Gloves For Emergency Clean-up Personal Protection Equipment	13.77	

02 Existing Conditions**02 90 Disaster Recovery****02 90 55 Emergency Clean-up**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 55 00-0360 EA Heavy Duty, Rubber Gloves For Emergency Clean-up Personal Protection Equipment	23.51	
02 90 55 00-0361 PR Polycarbonate Lens Safety Goggles For Emergency Clean-up Personal Protection Equipment.....	15.33	
02 90 55 00-0362 PR Chemical Splash/Impact Resistant, Polycarbonate Lens Safety Goggles For Emergency Clean-up Personal Protection Equipment	25.28	
02 90 55 00-0363 PR Plastic Safety Glasses For Emergency Clean-up Personal Protection Equipment	6.71	
02 90 55 00-0364 EA Safety Harness (Per Person/Day) For Emergency Clean-up Personal Protection Equipment.....	9.18	
02 90 55 00-0365 Emergency Clean-up Expendables (02 90 55 00-0001)		
Note: 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 55 00-0366 General Materials (02 90 55 00-0365)		
02 90 55 00-0367 GAL Adhesive Remover For Emergency Clean-up.....	110.11	
02 90 55 00-0368 GAL Bioside-HS Cleaning Solution For Emergency Clean-up.....	35.32	
02 90 55 00-0369 GAL Biocide Mold Cleaning Solution For Emergency Clean-up	45.07	
02 90 55 00-0370 EA 10" x 12" x 15" Cardboard Storage Box For Emergency Clean-up	5.80	
02 90 55 00-0371 EA 10" x 12" x 24" Cardboard Storage Box For Emergency Clean-up	8.81	
02 90 55 00-0372 EA 10" x 15" x 24" Cardboard Storage Box For Emergency Clean-up	8.81	
02 90 55 00-0373 GAL Bleach For Emergency Clean-up.....	11.84	
02 90 55 00-0374 EA Small Stainless Brush For Emergency Clean-up	7.52	
02 90 55 00-0375 EA 2-1/2 Gallon Buckets For Emergency Clean-up	8.75	
02 90 55 00-0376 EA 5 Gallon Bucket For Emergency Clean-up	13.26	
02 90 55 00-0377 GAL Carpet Defoamer For Emergency Clean-up	34.11	
02 90 55 00-0378 GAL Carpet Pre-treat For Emergency Clean-up	27.83	
02 90 55 00-0379 GAL Carpet Spotter For Emergency Clean-up	46.63	
02 90 55 00-0380 GAL Carpet/Upholstery Cleaner For Emergency Clean-up	37.60	
02 90 55 00-0381 ROL Carpet Masking/Shield For Emergency Clean-up	108.23	
02 90 55 00-0382 EA Chemical Sponge For Emergency Clean-up.....	4.33	
02 90 55 00-0383 GAL Clear Seal For Emergency Clean-up	148.05	
02 90 55 00-0384 GAL Coil Cleaner For Emergency Clean-up	74.51	
02 90 55 00-0385 EA Decontamination Chamber For Emergency Clean-up.....	323.75	
02 90 55 00-0386 GAL All Purpose Degreaser For Emergency Clean-up.....	48.45	
02 90 55 00-0387 GAL Heavy Duty Degreaser For Emergency Clean-up.....	55.52	
02 90 55 00-0388 GAL De-Foamer Liquid For Emergency Clean-up.....	63.68	
02 90 55 00-0389 EA Deodorization Membrane For Emergency Clean-up.....	118.77	
02 90 55 00-0390 GAL 9-D-9 Smoke Deodorizer For Emergency Clean-up.....	190.34	
02 90 55 00-0391 LB Deodorizing Gel For Emergency Clean-up.....	44.72	
02 90 55 00-0392 GAL Deodorizing Liquid For Emergency Clean-up.....	62.98	
02 90 55 00-0393 PAIL Deodorizing Block For Emergency Clean-up.....	11.24	
02 90 55 00-0394 GAL Disinfectant/Anti-microbial For Emergency Clean-up.....	116.03	
02 90 55 00-0395 GAL BruClean Disinfectant For Emergency Clean-up	37.90	
02 90 55 00-0396 GAL Dryclean For Emergency Clean-up.....	49.49	
02 90 55 00-0397 GAL Duct Sealant Spray For Emergency Clean-up.....	74.58	
02 90 55 00-0398 GAL Antifungal Duct Sealant For Emergency Clean-up.....	107.73	
02 90 55 00-0399 GAL Microbial Encapsulant (Fosters 20 - 40) For Emergency Clean-up	171.65	
02 90 55 00-0400 PR Ear Plugs For Emergency Clean-up Personal Protection Equipment.....	0.67	
02 90 55 00-0401 GAL Encapsulant For Emergency Clean-up	123.33	
02 90 55 00-0402 GAL Aftershock Fiberlocke For Emergency Clean-up	108.29	
02 90 55 00-0403 GAL IAQ 2500 Fiberlocke For Emergency Clean-up	127.92	
02 90 55 00-0404 GAL IAS 6000 Fiberlocke For Emergency Clean-up.....	131.57	
02 90 55 00-0405 ROL Filter Material For Emergency Clean-up.....	290.36	
02 90 55 00-0406 EA Blue Paper Collection Bag Filter For Emergency Clean-up	7.82	
02 90 55 00-0407 EA CVAC Filter For High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up.....	621.03	
02 90 55 00-0408 EA Pre-Filter For Negative Air Machine For Emergency Clean-up	2.98	
02 90 55 00-0409 EA Pleated Filter For Negative Air Machine For Emergency Clean-up	13.27	
02 90 55 00-0410 EA Charcoal Filter For Negative Air Machine For Emergency Clean-up	47.23	
02 90 55 00-0411 EA High Efficiency Particulate Air (HEPA) Filter For Negative Air Machine For Emergency Clean-up.....	449.18	
02 90 55 00-0412 EA Pleated Dehumidifier Filter For Emergency Clean-up.....	11.85	
02 90 55 00-0413 GAL Floor Stripper For Emergency Clean-up	23.20	
02 90 55 00-0414 GAL Floor Wax For Emergency Clean-up.....	33.15	
02 90 55 00-0415 GAL Fogger (Thermal) For Emergency Clean-up	201.88	
02 90 55 00-0416 BOX Furniture Blocks For Emergency Clean-up.....	162.60	
02 90 55 00-0417 EA Furniture Polish, Per 10 Oz Can For Emergency Clean-up	21.91	
02 90 55 00-0418 GAL Glass Cleaner For Emergency Clean-up	14.61	
02 90 55 00-0419 EA Goo Off Spray, 12 Oz For Emergency Clean-up	18.80	
02 90 55 00-0420 EA Halogen Light Bulbs For Emergency Clean-up.....	23.67	
02 90 55 00-0421 QT Hand Sanitizer For Emergency Clean-up	11.70	
02 90 55 00-0422 EA Hard Hats For Emergency Clean-up Personal Protection Equipment	9.63	
02 90 55 00-0423 BOX Hog Rings, Box Of 2,500 For Emergency Clean-up	22.91	
02 90 55 00-0424 GAL HVAC Coal Cleaner For Emergency Clean-up.....	71.82	
02 90 55 00-0425 BOX Inventory Tag, Box Of 1,000 For Emergency Clean-up	161.13	
02 90 55 00-0426 EA Utility Knives For Emergency Clean-up	18.23	
02 90 55 00-0427 ROL 13" Lay Flat Tubing (250' Roll) For Emergency Clean-up	138.22	
02 90 55 00-0428 ROL 20" Lay Flat Tubing (250' Roll) For Emergency Clean-up.....	145.93	
02 90 55 00-0429 ROL 29" Lay Flat Tubing (250' Roll) For Emergency Clean-up.....	290.54	
02 90 55 00-0430 ROL 39" Lay Flat Tubing (250' Roll) For Emergency Clean-up.....	419.95	
02 90 55 00-0431 GAL Lemon Oil For Emergency Clean-up.....	58.73	
02 90 55 00-0432 GAL LPS 1/Mecca Lube For Emergency Clean-up.....	60.23	
02 90 55 00-0433 GAL LPS 2 For Emergency Clean-up	63.75	
02 90 55 00-0434 GAL LPS Contact Cleaner For Emergency Clean-up	63.45	
02 90 55 00-0435 GAL Light Lubricant Preserve For Emergency Clean-up	168.20	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 55 00-0436 GAL Heavy Lubricant Preserver For Emergency Clean-up	33.15	
02 90 55 00-0437 GAL Machinery Cleaning Solvent For Emergency Clean-up	281.16	
02 90 55 00-0438 GAL Metal Polishing Paste For Emergency Clean-up	31.13	
02 90 55 00-0439 GAL MediClean® Disinfectant For Emergency Clean-up	66.99	
02 90 55 00-0440 GAL Dri-Eaz Milgo Plus Sanitizer For Emergency Clean-up	82.23	
02 90 55 00-0441 EA Mop Heads For Emergency Clean-up	10.43	
02 90 55 00-0442 EA Nylon Scouring Pads For Emergency Clean-up	1.82	
02 90 55 00-0443 GAL Odor Neutralizer For Emergency Clean-up	46.63	
02 90 55 00-0444 EA Packing Paper, 25 LB Bundle For Emergency Clean-up	83.79	
02 90 55 00-0445 EA Paint Brushes For Emergency Clean-up	8.29	
02 90 55 00-0446 ROL Corrugated/Craft Paper, 48" x 250' For Emergency Clean-up	195.41	
02 90 55 00-0447 EA Putty Knives For Emergency Clean-up	7.51	
02 90 55 00-0448 ROL Red Resin Paper, 200' Roll For Emergency Clean-up	42.64	
02 90 55 00-0449 GAL Reodorant For Emergency Clean-up	140.88	
02 90 55 00-0450 GAL Restoracide For Emergency Clean-up	66.08	
02 90 55 00-0451 GAL Rust Remover For Emergency Clean-up	102.77	
02 90 55 00-0452 EA Saltesmo Test Samples For Emergency Clean-up	9.55	
02 90 55 00-0453 EA Sand Bag For Emergency Clean-up	2.50	
Note: Excludes sand material		
02 90 55 00-0454 EA Scotch-Brite 7447, Per Box 50 For Emergency Clean-up	33.56	
02 90 55 00-0455 EA Small Scrub Brushes For Emergency Clean-up	17.30	
02 90 55 00-0456 GAL Clear Soot Sealant For Emergency Clean-up	119.19	
02 90 55 00-0457 GAL Pigmented Soot Sealant For Emergency Clean-up	321.43	
02 90 55 00-0458 ROL Shrinkwrap Plastic For Emergency Clean-up	73.99	
02 90 55 00-0459 EA Dry Sponges For Emergency Clean-up	6.02	
02 90 55 00-0460 EA Spray Adhesive, Per Can For Emergency Clean-up	7.72	
02 90 55 00-0461 EA Spray Bot./Trigger For Emergency Clean-up	6.40	
02 90 55 00-0462 GAL Stain Remover For Emergency Clean-up	42.11	
02 90 55 00-0463 GAL Stainless Steel Cleaner For Emergency Clean-up	14.54	
02 90 55 00-0464 EA Stainless Steel Polish, Per Can For Emergency Clean-up	19.09	
02 90 55 00-0465 LB Sweeping Compound For Emergency Clean-up	0.69	
02 90 55 00-0466 ROL Duct Tape, 2" x 50 YD For Emergency Clean-up	15.10	
02 90 55 00-0467 ROL Environmental (Teal) Tape, 3/4" x 1440' For Emergency Clean-up	14.21	
02 90 55 00-0468 ROL HVAC (Aluminum) Tape, 2" x 75' For Emergency Clean-up	36.46	
02 90 55 00-0469 ROL Blue Masking (Painters) Tape, 1-1/2" x 198' For Emergency Clean-up	20.22	
02 90 55 00-0470 ROL Poly Box Tape, 2" x 110 YD For Emergency Clean-up	6.24	
02 90 55 00-0471 LB Terry Towels For Emergency Clean-up	8.54	
02 90 55 00-0472 GAL Thermal Fog For Emergency Clean-up	94.76	
02 90 55 00-0473 ROL 1.7 Mil, 55 Gallon Trash Bags, 50/Roll For Emergency Clean-up	46.98	
02 90 55 00-0474 ROL 3 Mil, 55 Gallon Trash Bags, 50/Roll For Emergency Clean-up	109.81	
02 90 55 00-0475 ROL 4 Mil, 55 Gallon Trash Bags, 50/Roll For Emergency Clean-up	140.88	
02 90 55 00-0476 ROL 6 Mil, 55 Gallon Trash Bags, 50/Roll For Emergency Clean-up	187.36	
02 90 55 00-0477 EA Trisodium Phosphate, 20 LB Pail For Emergency Clean-up	60.48	
02 90 55 00-0478 EA Backpack Vacuum Bags For Emergency Clean-up	2.04	
02 90 55 00-0479 EA Upright Vacuum Bags For Emergency Clean-up	2.72	
02 90 55 00-0480 GAL Vinyl And Leather Cleaner For Emergency Clean-up	37.60	
02 90 55 00-0481 ROL 1 Mil Visqueen, 12' x 400' For Emergency Clean-up	60.87	
02 90 55 00-0482 ROL 4 Mil Visqueen, 32' x 100', For Emergency Clean-up	165.27	
02 90 55 00-0483 ROL 6 Mil Visqueen, 32' x 400', For Emergency Clean-up	225.51	
02 90 55 00-0484 LB Wipes, Cotton Cloth For Emergency Clean-up	6.39	
02 90 55 00-0485 ROL 12" x 750', Wrap, Bubble/Anti-static For Emergency Clean-up	185.62	
02 90 55 00-0486 EA Wyp-Alls, Case Of 160 Wipes For Emergency Clean-up	18.80	
02 90 55 00-0487 EA Zip Wall Zippers For Emergency Clean-up	28.17	
02 90 55 00-0488 EA Absorbent Matt Roll For Oil And Other Liquids - 15" Wide x 50' Roll	33.76	
Note: 3.3 gallon volume absorption capacity per roll		
02 90 55 00-0489 EA Oil Only Sorbent Pads - 15" x 19", Light, Package Of 100	50.65	
Note: 28 OZ volume absorption capacity per pad		
02 90 55 00-0490 EA Oil Only Sorbent Pads - 15" x 19", Medium, Package Of 100	53.36	
Note: 33 OZ volume absorption capacity per pad		
02 90 55 00-0491 EA Oil Only Sorbent Pads - 15" x 19", Heavy, Package Of 100	87.12	
Note: 45 OZ volume absorption capacity per pad		
02 90 55 00-0492 Technical/Electronics Restoration Materials (02 90 55 00-0365)		
02 90 55 00-0493 EA Brush - Brass For Emergency Clean-up	6.22	
02 90 55 00-0494 EA 1" Brush, Natural Bristle For Emergency Clean-up	1.99	
02 90 55 00-0495 EA 1/2" Brush, Natural Bristle For Emergency Clean-up	1.66	
02 90 55 00-0496 EA 1/4" Brush, Natural Bristle For Emergency Clean-up	1.41	
02 90 55 00-0497 EA Brush - Parts For Emergency Clean-up	8.62	
02 90 55 00-0498 EA Brush - Plastic For Emergency Clean-up	4.48	
02 90 55 00-0499 EA Brush - Wire Grout For Emergency Clean-up	9.87	
02 90 55 00-0500 EA Brushing Tool For Emergency Clean-up	19.04	
02 90 55 00-0501 EA Cleaning Swabs, Cotton For Emergency Clean-up	0.41	
02 90 55 00-0502 EA Cleaning Swabs, Foam Tip For Emergency Clean-up	0.50	
02 90 55 00-0503 EA Contact Restorer, Per Can For Emergency Clean-up	37.68	
02 90 55 00-0504 EA Contact Spray, Per Can For Emergency Clean-up	25.64	
02 90 55 00-0505 UNT Corrosion Inhibitor Emitter - 1 CF For Emergency Clean-up	3.98	
02 90 55 00-0506 UNT Corrosion Inhibitor Emitter - 5 CF For Emergency Clean-up	11.39	
02 90 55 00-0507 UNT Corrosion Inhibitor Emitter - 10 CF For Emergency Clean-up	14.76	
02 90 55 00-0508 LB Cotton Cleaning Cloths For Emergency Clean-up	23.31	
02 90 55 00-0509 EA 12" x 17" Dust Cloths For Emergency Clean-up	0.37	

02 Existing Conditions**02 90 Disaster Recovery****02 90 55 Emergency Clean-up**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

02 90 55 00-0510	EA	24" x 24" Dust Cloths For Emergency Clean-up	1.02	
02 90 55 00-0511	EA	Deoxidizing Agent, Per Can For Emergency Clean-up	18.26	
02 90 55 00-0512	GAL	Electronic Grade Detergent For Emergency Clean-up	42.30	
02 90 55 00-0513	SHT	Inventory Labels For Emergency Clean-up	0.23	
02 90 55 00-0514	GAL	Isopropyl Alcohol For Emergency Clean-up	112.10	
02 90 55 00-0515	GAL	Lubrication/Penetrating Oil, Per Can For Emergency Clean-up	169.61	
02 90 55 00-0516	GAL	PC Board Detergent For Emergency Clean-up	106.44	
02 90 55 00-0517	GAL	Rust Inhibitor, Regular Duty For Emergency Clean-up	181.68	
02 90 55 00-0518	GAL	Rust Inhibitor, Moderate Duty For Emergency Clean-up	183.05	
02 90 55 00-0519	GAL	Rust Inhibitor, Severe Duty For Emergency Clean-up	195.66	
02 90 55 00-0520	LB	Wipes, Lint Free Cloths For Emergency Clean-up	7.39	
02 90 55 00-0521	EA	Wire Marker Card For Emergency Clean-up	2.90	
02 90 55 00-0522	EA	Steel Wool, 16 Pad Sleeve For Emergency Clean-up	1.59	

END OF SECTION 02



Concrete		03
Maintenance of Concrete		03 01
Maintenance of Concrete Reinforcing		03 01 20

03

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

03 Concrete

03 01 Maintenance of Concrete (03)

03 01 20 Maintenance of Concrete Reinforcing (03 01)

03 01 20 00-0001	Rebar Coating (03 01 20)	
03 01 20 00-0002	SF 20 Mil Thick, Cementitious Epoxy Resin Compensated 3-Component, Solvent-Free, Coating Material With Corrosion Inhibitor, And Reinforcement Corrosion Protection - Per Coat (Sika® Armatec®-110 EpoCem).....	2.51

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 (Bead) Blasting.....	3.81
	For Up To 100, Add	3.24
	For >100 To 250, Add	0.81
	For >250 To 500, Add	0.41
	For >5,000 To 10,000, Deduct	-0.08
	For >10,000, Deduct	-0.16
03 01 30 51-0003	SF Concrete Walls, Abrasive Shot (Bead) Blasting.....	5.42
	For Up To 100, Add	6.46
	For >100 To 250, Add	1.62
	For >250 To 500, Add	0.81
	For >5,000 To 10,000, Deduct	-0.16
	For >10,000, Deduct	-0.32

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.....	6.33
03 01 30 71-0005	SF Patch Decks Or Floors With 1/8" To 1/4" Thick Epoxy Cementitious Mortar.....	18.95
03 01 30 71-0006	SF Patch Decks Or Floors With White Aluminum Oxide Grit (Non-Slip Aggregate).....	0.55

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.....	9.54
03 01 30 71-0009	SF Patch Verticals Or Overheads With 1/8" To 1/4" Thick Epoxy Cementitious Mortar.....	26.61
03 01 30 71-0010	SF Patch Verticals Or Overheads With 1/8" To 1/4" Thick Latex Cementitious Mortar.....	29.79
03 01 30 71-0011	SF Patch Verticals Or Overheads With 1/8" To 1/4" Thick Elastomeric Compound.....	9.00
03 01 30 71-0012	SF Patch Verticals Or Overheads With 1/8" To 1/4" Thick Copolymer Cementitious Compound.....	15.94
Note: Rapid Set - WunderFixx		

03 01 30 71-0013 Circular Piers (03 01 30 71-0002)

03 01 30 71-0014	SF Patch Circular Piers With 1/8" To 1/4" Elastomeric Patching Compound.....	12.47
03 01 30 71-0015	SF Patch Circular Piers With 1/8" To 1/4" Copolymer Cementitious Compound.....	21.51
Note: Rapid Set - WunderFixx		

03 01 30 71-0016 Soffit Repair (03 01 30 71-0002)

Note: Includes bonding agent and sealant. Excludes saw cutting, sand blasting and forming.		
03 01 30 71-0017	LF Up To 16" Wide Concrete Soffit Repair.....	19.59
03 01 30 71-0018	LF >16" To 20" Wide Concrete Soffit Repair.....	20.50
03 01 30 71-0019	LF >20" To 24" Wide Concrete Soffit Repair.....	22.35
03 01 30 71-0020	LF >24" To 30" Wide Concrete Soffit Repair.....	24.29
03 01 30 71-0021	LF >30" To 36" Wide Concrete Soffit Repair.....	25.81

03 01 30 71-0022 Edge Repair (03 01 30 71-0002)

Note: Includes mesh. Excludes saw cutting, sand blasting and forming.		
03 01 30 71-0023	LF 2" Spall Concrete Edge Repair.....	20.73
03 01 30 71-0024	LF 3" Spall Concrete Edge Repair.....	21.75
03 01 30 71-0025	LF 4" Spall Concrete Edge Repair.....	22.37
03 01 30 71-0026	LF 6" Spall Concrete Edge Repair.....	23.09
03 01 30 71-0027	LF 8" Spall Concrete Edge Repair.....	24.38
03 01 30 71-0028	LF 9" Spall Concrete Edge Repair.....	27.43
03 01 30 71-0029	CF Patch Edge, Portland Cement Based Repair Material.....	174.61
03 01 30 71-0030	CF Patch Edge, Rapid Setting Concrete Repair Material.....	239.69
03 01 30 71-0031	CF Patch Edge, Rapid Setting Polymer Concrete Methyl Methacrylate.....	246.21

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 71-0032	CF	Patch Edge, SSI Flex Patch (Other Than Specified)	489.64	
03 01 30 71-0033		Concrete Materials (03 01 30 71-0002) Note: Excludes saw cutting, sand blasting and forming.		
03 01 30 71-0034	SF	Sika Ferroguard® 903	1.48	
03 01 30 71-0035	SF	Sika-Guard 701W	1.68	
03 01 30 71-0036	SF	Sika 550W Pearl Ash	0.97	
03 01 30 71-0037	SF	Sika Top 144 Gray	2.36	
03 01 30 71-0038		Bridge Deck Treatment (03 01 30 71-0002)		
03 01 30 71-0039	SF	Sweep Bridge Deck	0.02	
03 01 30 71-0040	SF	Clean Bridge Deck	0.02	
03 01 30 71-0041	SF	Treat Bridge Deck With Methacrylate Resin Sealant	2.24	
03 01 30 71-0042		Concrete Finishes (03 01 30 71-0001)		
03 01 30 71-0043		Concrete Patching (03 01 30 71-0042)		
03 01 30 71-0044		Walls (03 01 30 71-0043)		
03 01 30 71-0045	BAG	Sika Top 111 Plus	174.17	
		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	63.89	
		For >10 To 25, Add	38.33	
		For >25 To 50, Add	25.56	
		For >50 To 75, Add	12.78	
03 01 30 71-0046	BAG	Sika Grout 212, 50 LB Bag	119.56	
		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	40.45	
		For >10 To 25, Add	24.27	
		For >25 To 50, Add	16.18	
		For >50 To 75, Add	8.09	
03 01 30 71-0047	EA	Sika Flex 1A, 10.3 Ounce Tube	40.37	
		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 71-0048	BAG	Pea Gravel	30.66	
03 01 30 71-0049	BAG	Sika Top 123, 44 LB Bag	177.34	
03 01 30 71-0050	BAG	Sika Top 121 Plus Kit	169.93	
		Note: SikaTop 121 PLUS is a two component, polymer-modified, leveling and pore sealing mortar. Yield: 0.4 cu. ft./unit.		
03 01 30 71-0051	BAG	Sika Top 122 Plus Kit	188.39	
		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 71-0052	BAG	Sika Top 123 Plus Kit	185.07	
		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 71-0053		Crack Repair For Concrete (03 01 30 71-0001)		
03 01 30 71-0054		Non-Structural Crack Repair For Concrete (03 01 30 71-0053)		
03 01 30 71-0055		Surface Applied, Non-Structural Crack Repair For Concrete (03 01 30 71-0054) 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 71-0056	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)	7.00	
		For V-Grooving Crack With Grinder, Add	5.60	
03 01 30 71-0057	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)	9.16	
		For V-Grooving Crack With Grinder, Add	5.47	
03 01 30 71-0058	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)	7.14	
		For V-Grooving Crack With Grinder, Add	5.60	
03 01 30 71-0059	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)	9.44	
		For V-Grooving Crack With Grinder, Add	5.47	
03 01 30 71-0060	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)	7.65	
		For V-Grooving Crack With Grinder, Add	5.60	
03 01 30 71-0061	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)	10.45	
		For V-Grooving Crack With Grinder, Add	5.47	
03 01 30 71-0062	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)	8.02	
		For V-Grooving Crack With Grinder, Add	5.60	
03 01 30 71-0063	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)	11.19	
		For V-Grooving Crack With Grinder, Add	5.47	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 01 30 71-0064	LF	Up To 1/4" Wide x 1/2" Depth, Low-modulus, Low-viscosity, Epoxy Resin Crack Filler (Sikadur® 21) <i>For V-Grooving Crack With Grinder, Add</i>	6.07 4.80	
03 01 30 71-0065	LF	Up To 1/4" Wide x 1" Depth, Low-modulus, Low-viscosity, Epoxy Resin Crack Filler (Sikadur® 21) <i>For V-Grooving Crack With Grinder, Add</i>	7.27 5.60	
03 01 30 71-0066	LF	>1/4" To 1/2" Wide x 1/2" Depth, Low-modulus, Low-viscosity, Epoxy Resin Crack Filler (Sikadur® 21)..... <i>For V-Grooving Crack With Grinder, Add</i>	7.27 5.60	
03 01 30 71-0067	LF	>1/4" To 1/2" Wide x 1" Depth, Low-modulus, Low-viscosity, Epoxy Resin Crack Filler (Sikadur® 21)..... <i>For V-Grooving Crack With Grinder, Add</i>	9.69 7.21	
03 01 30 71-0068		Pressure Injected, Non-Structural Crack Repair For Concrete (03 01 30 71-0054) 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 71-0069	LF	Up To 1/4" Wide, Water Activated Polyurethane Foam Grout, Non-Structural Crack Repair For Concrete, Installed With Automated Injection Equipment (SealBoss 1570) <i>For Cracks Accessible From Both Sides, Add</i>	31.04 6.32	
03 01 30 71-0070		Structural Crack Repair For Concrete (03 01 30 71-0053)		
03 01 30 71-0071		Surface Applied, Structural Crack Repair For Concrete (03 01 30 71-0070) 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 71-0072	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) <i>For V-Grooving Crack With Grinder, Add</i>	8.11 5.60	
03 01 30 71-0073	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) <i>For V-Grooving Crack With Grinder, Add</i>	11.38 5.47	
03 01 30 71-0074	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)..... <i>For V-Grooving Crack With Grinder, Add</i>	7.92 5.60	
03 01 30 71-0075	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)..... <i>For V-Grooving Crack With Grinder, Add</i>	10.98 5.47	
03 01 30 71-0076	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)..... <i>For V-Grooving Crack With Grinder, Add</i>	9.56 5.60	
03 01 30 71-0077	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)..... <i>For V-Grooving Crack With Grinder, Add</i>	14.29 5.47	
03 01 30 71-0078		Pressure Injected, Structural Crack Repair For Concrete (03 01 30 71-0070) 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 71-0079	LF	Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Structural Crack Repair For Concrete, Installed With Automated Injection Equipment (Sikadur® 35)..... <i>For Cracks Accessible From Both Sides, Add</i>	27.08 6.32	
03 01 30 71-0080	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)..... <i>For Cracks Accessible From Both Sides, Add</i>	26.88 6.32	
03 01 30 71-0081		Surface Applied Polyurethane Elastomeric Sealant (Sikaflex®-2c NS EZ Mix) (03 01 30 71-0053) Note: Includes removing all debris and contaminants accessible within the crack using hand tools, compressed air or vacuuming. Includes installing sealer with caulk gun, cartridge gun, etc.		
03 01 30 71-0082	LF	1/4" x 1/4" Polyurethane Elastomeric Sealant For Concrete, Surface Applied (SikaFlex 2C NS EZ Mix).....	2.81	
03 01 30 71-0083	LF	3/8" x 1/4" Polyurethane Elastomeric Sealant For Concrete, Surface Applied (SikaFlex 2C NS EZ Mix).....	2.97	
03 01 30 71-0084	LF	1/2" x 1/4" Polyurethane Elastomeric Sealant For Concrete, Surface Applied (SikaFlex 2C NS EZ Mix).....	3.18	
03 01 30 71-0085	LF	3/8" x 3/8" Polyurethane Elastomeric Sealant For Concrete, Surface Applied (SikaFlex 2C NS EZ Mix).....	3.23	
03 01 30 71-0086	LF	1/2" x 3/8" Polyurethane Elastomeric Sealant For Concrete, Surface Applied (SikaFlex 2C NS EZ Mix).....	3.51	
03 01 30 71-0087	LF	3/4" x 3/8" Polyurethane Elastomeric Sealant For Concrete, Surface Applied (SikaFlex 2C NS EZ Mix).....	4.75	
03 01 30 71-0088	LF	1/2" x 1/2" Polyurethane Elastomeric Sealant For Concrete, Surface Applied (SikaFlex 2C NS EZ Mix).....	3.92	
03 01 30 71-0089	LF	3/4" x 1/2" Polyurethane Elastomeric Sealant For Concrete, Surface Applied (SikaFlex 2C NS EZ Mix).....	4.48	
03 01 30 71-0090	LF	1" x 1/2" Polyurethane Elastomeric Sealant For Concrete, Surface Applied (SikaFlex 2C NS EZ Mix).....	5.04	
03 01 30 71-0091	LF	1-1/4" x 1/2" Polyurethane Elastomeric Sealant For Concrete, Surface Applied (SikaFlex 2C NS EZ Mix).....	5.58	
03 01 30 71-0092	LF	1-1/2" x 1/2" Polyurethane Elastomeric Sealant For Concrete, Surface Applied (SikaFlex 2C NS EZ Mix).....	6.24	
03 01 30 71-0093		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 71-0094	SF	Carbon Fiber Strengthening System For Concrete Beams, Per Layer Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.	79.61	
03 01 30 71-0095	SF	Carbon Fiber Strengthening System For Concrete Columns, Per Layer Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.	70.86	
03 01 30 71-0096	SF	Carbon Fiber Strengthening System For Concrete Ceiling Slabs, Per Layer Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.	65.94	
03 01 30 71-0097	SF	Carbon Fiber Strengthening System For Concrete Walls, Per Layer..... Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.	63.21	

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 71-0098 SF Carbon Fiber Strengthening System For Concrete Slab, Per Layer Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.	59.39	
03 01 30 71-0099 High Modulus Carbon Fiber Fabric (V-Wrap™ C200HM) (03 01 30 71-0001) Note: V-Wrap C200HM is a unidirectional carbon fiber fabric with fiber oriented in the 0° direction. V-Wrap C200HM system is field laminated using two-part 100% solids and high strength structural adhesives.		
03 01 30 71-0100 SF 17.7 Oz/SY, Uni-Directional, High Modulus Carbon Fiber Fabric For Columns	69.56	
03 01 30 71-0101 SF 17.7 Oz/SY, Uni-Directional, High Modulus Carbon Fiber Fabric For Ceiling Slabs	65.38	
03 01 30 71-0102 SF 17.7 Oz/SY, Uni-Directional, High Modulus Carbon Fiber Fabric For Walls	63.05	
03 01 30 71-0103 Carbon Fiber Strengthening Fabric (SikaWrap) (03 01 30 71-0001)		
03 01 30 71-0104 SF 18 Oz/SY, Uni-Directional, ICC Listed, Carbon Fiber Fabric For Columns (SikaWrap® Hex-103 C).....	60.24	
03 01 30 71-0105 SF 18 Oz/SY, Uni-Directional, ICC Listed, Carbon Fiber Fabric For Ceiling Slabs (SikaWrap® Hex-103 C).....	56.06	
03 01 30 71-0106 SF 18 Oz/SY, Uni-Directional, ICC Listed, Carbon Fiber Fabric For Walls (SikaWrap® Hex-103 C).....	53.73	
03 01 30 71-0107 SF 5 Mil Thick, Water Dispersed, Acrylic, Protective, Anti-Carbonation Coating (Sikagard®-670 W)..... Note: Adhesive for Carbon fiber wrap application	1.46	
03 01 30 71-0108 Concrete Rehabilitation (03 01 30 71)		
03 01 30 71-0109 Corrosive Inhibitor (03 01 30 71-0108)		
03 01 30 71-0110 SF Corrosive Inhibitor.....	6.02	
03 01 30 71-0111 Remove Cracked Or Damaged Concrete Surfacing Material (03 01 30 71)		
03 01 30 71-0112 SF Removal Of Concrete <3/4" Deep On Vertical Wall Surfaces..... Note: Excludes patching materials	19.12	
03 01 30 71-0113 SF Removal Of Concrete 3/4" To 1-1/2" Deep On Vertical Wall Surfaces	25.33	
03 01 30 71-0114 SF Removal Of Concrete >1-1/2" To 3" Deep On Vertical Wall Surfaces	31.55	
03 01 30 71-0115 SF Removal Of Concrete >3" To 4" Deep On Vertical Wall Surfaces	42.06	
03 01 30 71-0116 SF Removal Of Concrete <3/4" Deep On Overhead Surfaces..... Note: Excludes patching materials	38.24	
03 01 30 71-0117 SF Removal Of Concrete 3/4" To 1-1/2" Deep On Overhead Surfaces	50.67	
03 01 30 71-0118 SF Removal Of Concrete >1-1/2" To 3" Deep On Overhead Surfaces	63.09	
03 01 30 71-0119 SF Removal Of Concrete >3" To 4" Deep On Overhead Surfaces..... Note: Excludes patching materials	84.12	
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	0.38	
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 05 13 00-0002 CY Low Range Water Reducing (LRWR), Type A Concrete Admixture	6.37	
03 05 13 00-0003 CY Set Retarding, Type B Concrete Admixture	4.41	
03 05 13 00-0004 CY 1% Calcium Chloride Accelerating, Type C Concrete Admixture.....	6.86	
03 05 13 00-0005 CY 2% Calcium Chloride Accelerating, Type C Concrete Admixture.....	13.73	
03 05 13 00-0006 CY 1% Non-Chloride Accelerating, Type C Concrete Admixture.....	12.26	
03 05 13 00-0007 CY 2% Non-Chloride Accelerating, Type C Concrete Admixture.....	24.52	
03 05 13 00-0008 CY 1% Water Reducing and Retarding (Hydration Stabilizer), Type D Concrete Admixture	5.30	
03 05 13 00-0009 CY 2% Water Reducing and Retarding (Hydration Stabilizer), Type D Concrete Admixture	10.33	
03 05 13 00-0010 CY 1% Water Reducing and Accelerating (High Early Strength), Type E Concrete Admixture	7.36	
03 05 13 00-0011 CY 2% Water Reducing and Accelerating (High Early Strength), Type E Concrete Admixture	14.71	
03 05 13 00-0012 CY Mid Range Water Reducing (MRWR) Superplasticizer, Type A Or E Concrete Admixture	4.90	
03 05 13 00-0013 CY High Range Water Reducing (HRWR) Superplasticizer, Type F Concrete Admixture	11.77	
03 05 13 00-0014 CY 1 LB/CY Polyethylene, Polypropylene, Nylon, Synthetic Plastic Fibers, Concrete Admixture.....	10.46	
03 05 13 00-0015 CY 1-1/2 LB/CY Polyethylene, Polypropylene, Nylon, Synthetic Plastic Fibers, Concrete Admixture	15.69	
03 05 13 00-0016 CY 25 LB/CY Steel Fibers, Concrete Admixture	46.40	
03 05 13 00-0017 CY 10% Microsilica (Silica Fume), Concrete Admixture	78.46	
03 05 13 00-0018 CY Corrosion Inhibiting Concrete Admixture	29.42	
03 05 13 00-0019 CY Winter Service Or Heat, Concrete Add	15.69	
03 05 13 00-0020 CY Chilled Water, Concrete Add	15.69	
03 05 13 00-0021 CY Subtle Color (See Davis Colors Color Card), Concrete Admixture	37.77	
03 05 13 00-0022 CY Standard Color (See Davis Colors Color Card), Concrete Admixture	62.95	
03 05 13 00-0023 CY Premium Color (See Davis Colors Color Card), Concrete Admixture	120.86	
03 05 13 00-0024 CY Ultra Premium Color (See Davis Colors Color Card), Concrete Admixture.....	167.86	



Concrete		03	03
Concrete Forming and Accessories		03 10	
Concrete Admixtures		03 05 13	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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..... For <1,000, Add For Foundations >8' Below Grade, Add For Curved Formwork, Add	8.05 1.51 1.46 2.91
03 11 13 00-0004	SF Pile Cap, Pier Or Spread Footings Foundation Wood Formwork..... For <1,000, Add For Foundations >8' Below Grade, Add For Curved Formwork, Add	9.59 1.81 1.76 3.52
03 11 13 00-0005	SF Mat Foundation Wood Formwork..... For <1,000, Add For Foundations >8' Below Grade, Add For Curved Formwork, Add	11.17 2.13 2.07 4.15
03 11 13 00-0006	SF Grade Beams Or Duct Bank Foundation Wood Formwork..... For <1,000, Add For Foundations >8' Below Grade, Add For Curved Formwork, Add	9.28 1.75 1.70 3.39
03 11 13 00-0007	SF Below Grade Walls Foundation Wood Formwork..... Note: Excludes footing For <1,000, Add For Foundations >8' Below Grade, Add For Curved Formwork, Add	13.13 2.47 2.40 4.79
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..... For Foundations >8' Below Grade, Add For Curved Formwork, Add For Up To 250, Add	6.21 1.16 2.32 1.19
03 11 13 00-0010	LF >6" To 12" High Slab Edge and Block-Out Wood Formwork..... For Foundations >8' Below Grade, Add For Curved Formwork, Add For Up To 250, Add	8.90 1.62 3.24 1.67
03 11 13 00-0011	SF >12" High Slab Edge and Block-Out Wood Formwork..... For Foundations >8' Below Grade, Add For Curved Formwork, Add For <1,000, Add	11.53 2.10 4.20 2.17
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.....	48.02
03 11 13 00-0014	LF >8" To 12" Square Column Wood Formwork.....	70.24
03 11 13 00-0015	LF >12" To 18" Square Column Wood Formwork.....	88.38
03 11 13 00-0016	LF >18" To 24" Square Column Wood Formwork.....	126.78
03 11 13 00-0017	LF >24" To 36" Square Column Wood Formwork.....	182.00
03 11 13 00-0018	LF >36" To 48" Square Column Wood Formwork.....	240.55
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..... For Curved Formwork, Add For <1,000, Add	14.67 5.41 2.78
03 11 13 00-0021	SF >8' High Above Grade Wall Wood Formwork..... For Curved Formwork, Add For <1,000, Add	17.35 6.41 3.29
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..... For Curved Formwork, Add For <1,000, Add	19.32 7.06 3.64
03 11 13 00-0024	SF Vertical Sides of Elevated Beam Wood Formwork..... For Curved Formwork, Add For <1,000, Add	12.18 4.50 2.31
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..... For <1,000, Add	11.48 2.09

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

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

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	7.48
	For <1,000, Add	1.37
	For Foundations >8' Below Grade, Add	1.37
	For Curved Formwork, Add	2.61
03 11 13 00-0030	SF Pile Cap, Pier Or Spread Footings Foundation Metal Framed Formwork	8.29
	For <1,000, Add	1.53
	For Foundations >8' Below Grade, Add	1.47
	For Curved Formwork, Add	2.93
03 11 13 00-0031	SF Mat Foundation Metal Framed Formwork	9.29
	For <1,000, Add	1.70
	For Foundations >8' Below Grade, Add	1.62
	For Curved Formwork, Add	3.24
03 11 13 00-0032	SF Grade Beams Or Duct Bank Foundation Metal Framed Formwork	7.84
	For <1,000, Add	1.43
	For Foundations >8' Below Grade, Add	1.36
	For Curved Formwork, Add	2.72
03 11 13 00-0033	SF Below Grade Walls Foundation Metal Framed Formwork	11.92
	Note: Excludes footing.	
	For <1,000, Add	2.21
	For Foundations >8' Below Grade, Add	2.13
	For Curved Formwork, Add	4.26
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	5.42
	For Foundations >8' Below Grade, Add	1.06
	For Curved Formwork, Add	2.11
	For <250, Add	1.07
03 11 13 00-0036	LF >6" To 12" High Slab Edge and Block-Out Metal Framed Formwork	6.78
	For Foundations >8' Below Grade, Add	1.31
	For Curved Formwork, Add	2.62
	For <250, Add	1.33
03 11 13 00-0037	SF >12" High Slab Edge and Block-Out Metal Framed Formwork	7.51
	For Foundations >8' Below Grade, Add	1.45
	For Curved Formwork, Add	2.90
	For <1,000, Add	1.47
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	46.47
03 11 13 00-0041	LF >12" To 16" Square Column Metal Framed Formwork	56.17
03 11 13 00-0042	LF >16" To 20" Square Column Metal Framed Formwork	65.90
03 11 13 00-0043	LF >20" To 24" Square Column Metal Framed Formwork	78.73
03 11 13 00-0044	LF >24" To 30" Square Column Metal Framed Formwork	94.86
03 11 13 00-0045	LF >30" To 36" Square Column Metal Framed Formwork	113.91
03 11 13 00-0046	LF >36" To 48" Square Column Metal Framed Formwork	146.17
03 11 13 00-0047	LF >48" To 60" Square Column Metal Framed Formwork	180.31
03 11 13 00-0048	Round Columns (03 11 13 00-0038)	
03 11 13 00-0049	LF Up To 12" Diameter Column Metal Formwork	46.02
03 11 13 00-0050	LF >12" To 16" Diameter Column Metal Formwork	51.16
03 11 13 00-0051	LF >16" To 20" Diameter Column Metal Formwork	58.70
03 11 13 00-0052	LF >20" To 24" Diameter Column Metal Formwork	68.37
03 11 13 00-0053	LF >24" To 30" Diameter Column Metal Formwork	80.70
03 11 13 00-0054	LF >30" To 36" Diameter Column Metal Formwork	92.39
03 11 13 00-0055	LF >36" To 48" Diameter Column Metal Formwork	119.91
03 11 13 00-0056	LF >48" To 60" Diameter Column Metal Formwork	156.79
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	7.36
	For Curved Formwork, Add	2.43
	For <1,000, Add	1.30
03 11 13 00-0059	SF >8' High Above Grade Wall Metal Framed Formwork	8.99
	For Curved Formwork, Add	2.93
	For <1,000, Add	1.58
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	7.45
	For Curved Formwork, Add	2.28
	For <1,000, Add	1.26



		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 00-0062	SF	Vertical Sides of Elevated Beam Metal Framed Formwork..... <i>For Curved Formwork, Add</i> <i>For <1,000, Add</i>	5.49 1.78 0.96	
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..... <i>For <1,000, Add</i>	10.42 1.56	
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 <i>For Plastic Lined, Add</i> <i>For Columns >12' In Length, Add</i>	19.41 0.80 1.94	
03 11 13 00-0068	LF	8" Diameter Round Fiber Tube Formwork <i>For Plastic Lined, Add</i> <i>For Columns >12' In Length, Add</i>	20.54 0.95 2.05	
03 11 13 00-0069	LF	10" Diameter Round Fiber Tube Formwork <i>For Plastic Lined, Add</i> <i>For Columns >12' In Length, Add</i>	22.86 1.15 2.29	
03 11 13 00-0070	LF	12" Diameter Round Fiber Tube Formwork <i>For Plastic Lined, Add</i> <i>For Columns >12' In Length, Add</i>	28.43 2.03 2.84	
03 11 13 00-0071	LF	14" Diameter Round Fiber Tube Formwork <i>For Plastic Lined, Add</i> <i>For Columns >12' In Length, Add</i>	32.02 2.58 3.20	
03 11 13 00-0072	LF	16" Diameter Round Fiber Tube Formwork <i>For Plastic Lined, Add</i> <i>For Columns >12' In Length, Add</i>	34.97 3.21 3.50	
03 11 13 00-0073	LF	18" Diameter Round Fiber Tube Formwork <i>For Plastic Lined, Add</i> <i>For Columns >12' In Length, Add</i>	37.73 3.76 3.77	
03 11 13 00-0074	LF	20" Diameter Round Fiber Tube Formwork <i>For Plastic Lined, Add</i> <i>For Columns >12' In Length, Add</i>	43.17 5.11 4.32	
03 11 13 00-0075	LF	22" Diameter Round Fiber Tube Formwork <i>For Plastic Lined, Add</i> <i>For Columns >12' In Length, Add</i>	45.17 5.32 4.52	
03 11 13 00-0076	LF	24" Diameter Round Fiber Tube Formwork <i>For Plastic Lined, Add</i> <i>For Columns >12' In Length, Add</i>	47.46 5.61 4.75	
03 11 13 00-0077	LF	26" Diameter Round Fiber Tube Formwork <i>For Plastic Lined, Add</i> <i>For Columns >12' In Length, Add</i>	49.46 6.05 4.95	
03 11 13 00-0078	LF	28" Diameter Round Fiber Tube Formwork <i>For Plastic Lined, Add</i> <i>For Columns >12' In Length, Add</i>	51.45 6.50 5.15	
03 11 13 00-0079	LF	30" Diameter Round Fiber Tube Formwork <i>For Plastic Lined, Add</i> <i>For Columns >12' In Length, Add</i>	53.45 6.94 5.35	
03 11 13 00-0080	LF	36" Diameter Round Fiber Tube Formwork <i>For Plastic Lined, Add</i> <i>For Columns >12' In Length, Add</i>	61.98 8.93 6.20	
03 11 13 00-0081	LF	42" Diameter Round Fiber Tube Formwork <i>For Plastic Lined, Add</i> <i>For Columns >12' In Length, Add</i>	98.81 19.57 9.88	
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>	120.80 25.76 12.08	
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>	219.66 54.76 21.97	
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>	244.80 61.80 24.48	
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	2.16	
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	2.29	
03 11 13 00-0090	LF	3/4" Wide Chamfer Strips for Concrete Formwork, All Materials	2.65	
03 11 13 00-0091	LF	1" Wide Chamfer Strips for Concrete Formwork, All Materials	3.07	
03 11 13 00-0092		Strip Out Reglets For Concrete Formwork (03 11 13 00-0085)		

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 00-0093	LF	24 To 26 Gauge Galvanized Steel, Strip Out Reglets For Concrete Formwork.....	11.99	
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.....	15.23	
03 11 13 00-0096	EA	4" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal.....	19.50	
03 11 13 00-0097	EA	6" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal.....	23.70	
03 11 13 00-0098	EA	8" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal.....	28.86	
03 11 13 00-0099	EA	12" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal.....	37.76	
03 11 13 00-0100	EA	18" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal.....	96.44	
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.....	5.40	
03 11 16 13-0003	SF	Beveled Edge, Rusticated Concrete Finish, 1 Use, Concrete Form Liner, Add To Formwork.....	7.28	
03 11 16 13-0004	SF	Square Edge, Rusticated Concrete Finish, 1 Use, Concrete Form Liner, Add To Formwork.....	9.59	
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.....	18.62	
		For Curved Formwork, Add	7.18	
		For <1,000, Add	3.64	
03 11 23 00-0003	SF	Elevated Stairway Wood Formwork.....	37.01	
		Note: Includes adjustable column supports and bracing lumber up to 14' for bottom of elevated stair.		
		For Curved Formwork, Add	13.97	
		For <1,000, Add	7.12	
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.....	15.52	
		For Curved Formwork, Add	5.86	
		For <1,000, Add	2.99	
03 11 23 00-0006	SF	Elevated Stairway Metal Framed Formwork.....	28.83	
		Note: Includes adjustable column supports and bracing lumber up to 14' for bottom of elevated stair.		
		For Curved Formwork, Add	10.88	
		For <1,000, Add	5.55	
03 15		Concrete Accessories (03 15)		
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.....	9.86	
03 15 13 13-0003	LF	3/16" Thick x 6" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop.....	11.41	
03 15 13 13-0004	LF	3/16" Thick x 9" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop With Center Bulb.....	14.54	
03 15 13 13-0005	LF	3/8" Thick x 9" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop With Center Bulb.....	16.36	
03 15 13 13-0006	LF	1/2" Thick x 9" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop.....	28.02	
03 15 13 13-0007	LF	3/16" Thick x 6" Wide Dumbbell Polyvinyl Chloride (PVC) Waterstop.....	12.73	
03 15 13 13-0008	LF	3/8" Thick x 6" Wide Dumbbell Polyvinyl Chloride (PVC) Waterstop.....	15.35	
03 15 13 13-0009	LF	3/8" Thick x 9" Wide Plain Polyvinyl Chloride (PVC) Waterstop.....	31.24	
03 15 13 13-0010	LF	3/8" Thick x 9" Wide Plain Polyvinyl Chloride (PVC) Waterstop With Center Bulb.....	23.23	
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.....	9.64	
03 15 13 13-0013	LF	3/8" Thick x 9" Wide Rubber Dumbbell Waterstop.....	11.07	
03 15 13 13-0014	LF	1/4" Thick x 6" Wide Rubber Waterstop, With Center Bulb.....	10.13	
03 15 13 13-0015	LF	1/4" Thick x 9" Wide Rubber Waterstop, With Center Bulb.....	13.94	
03 15 13 13-0016	LF	3/8" Thick x 6" Wide Rubber Waterstop, With Center Bulb.....	11.51	
03 15 13 13-0017	LF	3/8" Thick x 9" Wide Rubber Waterstop, With Center Bulb.....	14.77	
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.....	9.39	
03 15 13 16-0003	LF	1-1/4" x 1/2" Bentonite Waterstop.....	15.43	
03 15 13 16-0004	LF	1" x 3/4" Bentonite Waterstop.....	17.61	
03 15 13 16-0005	LF	1" x 1" Bentonite Waterstop.....	20.50	
03 15 16		Concrete Construction Joints (03 15)		



		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 16 00-0001		Poured Expansion Joint (03 15 16)		
03 15 16 00-0002	LF	1/2" x 1" Plain Asphalt Expansion Joint, Poured..... <i>For Installation In Walls, Add</i>	3.35 1.62	0.97
03 15 16 00-0003	LF	1" x 2" Plain Asphalt Expansion Joint, Poured..... <i>For Installation In Walls, Add</i>	7.23 1.62	0.97
03 15 16 00-0004	LF	1/2" x 1" Liquid Neoprene Expansion Joint, Poured, Cold Applied <i>For Installation In Walls, Add</i>	3.26 1.62	0.97
03 15 16 00-0005	LF	1" x 2" Liquid Neoprene Expansion Joint, Poured, Cold Applied <i>For Installation In Walls, Add</i>	6.85 1.62	0.97
03 15 16 00-0006	LF	1/2" x 1" Polyurethane Expansion Joint, Poured, 2 Parts <i>For Installation In Walls, Add</i>	4.47 1.62	0.97
03 15 16 00-0007	LF	1" x 2" Polyurethane Expansion Joint, Poured, Poured, 2 Parts..... <i>For Installation In Walls, Add</i>	8.00 2.96	0.97
03 15 16 00-0008	LF	1/2" x 1" Rubberized Asphalt Expansion Joint, Poured, Hot Or Cold Applied..... <i>For Installation In Walls, Add</i>	3.69 1.62	0.97
03 15 16 00-0009	LF	1/2" x 1" Rubberized Asphalt Expansion Joint, Poured, Hot Applied Fuel Resistant <i>For Installation In Walls, Add</i>	4.48 1.62	0.97
03 15 16 00-0010	LF	1" x 2" Rubberized Asphalt Expansion Joint, Poured, Hot Applied Fuel Resistant <i>For Installation In Walls, Add</i>	11.33 1.62	0.97
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	2.35	1.09
03 15 16 00-0014	LF	1/4" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	2.70	1.14
03 15 16 00-0015	LF	1/4" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	2.91	1.20
03 15 16 00-0016	LF	1/4" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint	3.14	1.25
03 15 16 00-0017	LF	3/8" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint	2.56	1.09
03 15 16 00-0018	LF	3/8" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	2.87	1.14
03 15 16 00-0019	LF	3/8" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	3.23	1.20
03 15 16 00-0020	LF	3/8" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint	3.75	1.25
03 15 16 00-0021	LF	1/2" x 2" Asphalt Saturated Fiber, Premolded Expansion Joint	2.33	1.03
03 15 16 00-0022	LF	1/2" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint	2.53	1.09
03 15 16 00-0023	LF	1/2" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	2.79	1.14
03 15 16 00-0024	LF	1/2" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	3.00	1.20
03 15 16 00-0025	LF	1/2" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint	3.26	1.25
03 15 16 00-0026	LF	1/2" x 8" Asphalt Saturated Fiber, Premolded Expansion Joint	3.62	1.30
03 15 16 00-0027	LF	1/2" x 10" Asphalt Saturated Fiber, Premolded Expansion Joint	3.89	1.36
03 15 16 00-0028	LF	1/2" x 12" Asphalt Saturated Fiber, Premolded Expansion Joint	4.37	1.41
03 15 16 00-0029	LF	3/4" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	2.80	1.14
03 15 16 00-0030	LF	3/4" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	3.22	1.20
03 15 16 00-0031	LF	3/4" x 8" Asphalt Saturated Fiber, Premolded Expansion Joint	3.95	1.30
03 15 16 00-0032	SF	1" Asphalt Saturated Fiber, Premolded Expansion Joint	6.84	1.79
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	4.03	1.14
03 15 16 00-0035	LF	1/2" x 6" Cork, Premolded Expansion Joint	4.54	1.25
03 15 16 00-0036	LF	1/2" x 8" Cork, Premolded Expansion Joint	4.94	1.30
03 15 16 00-0037	LF	1/2" x 10" Cork, Premolded Expansion Joint	6.93	1.36
03 15 16 00-0038	LF	1/2" x 12" Cork, Premolded Expansion Joint	7.37	1.41
03 15 16 00-0039	SF	1/2" Cork, Premolded Expansion Joint	8.14	1.79
03 15 16 00-0040	SF	3/4" Cork, Premolded Expansion Joint	9.44	1.79
03 15 16 00-0041	SF	1" Cork, Premolded Expansion Joint	10.05	1.79
03 15 16 00-0042		Flexible Polyethylene Foam, Premolded Expansion Joints (03 15 16 00-0011)		
03 15 16 00-0043	LF	1/4" x 4" Flexible Polyethylene Foam, Premolded Expansion Joint.....	2.55	1.14
03 15 16 00-0044	LF	1/4" x 5" Flexible Polyethylene Foam, Premolded Expansion Joint.....	2.67	1.20
03 15 16 00-0045	LF	1/4" x 6" Flexible Polyethylene Foam, Premolded Expansion Joint.....	2.82	1.25
03 15 16 00-0046	LF	1/4" x 8" Flexible Polyethylene Foam, Premolded Expansion Joint.....	3.28	1.30
03 15 16 00-0047	LF	1/2" x 4" Flexible Polyethylene Foam, Premolded Expansion Joint.....	2.63	1.14
03 15 16 00-0048	LF	1/2" x 5" Flexible Polyethylene Foam, Premolded Expansion Joint.....	2.75	1.20
03 15 16 00-0049	LF	1/2" x 6" Flexible Polyethylene Foam, Premolded Expansion Joint.....	2.87	1.25
03 15 16 00-0050	LF	1/2" x 8" Flexible Polyethylene Foam, Premolded Expansion Joint.....	3.15	1.30
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.....	2.58	1.14
03 15 16 00-0053	LF	1-1/2" Zip Strip, Premolded Expansion Joint	2.82	1.20
03 15 16 00-0054	LF	2" Zip Strip, Premolded Expansion Joint.....	3.14	1.30
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.....	4.48	1.09
03 15 16 00-0057	LF	1/2" x 6" Sponge Rubber, Premolded Expansion Joint.....	5.37	1.09
03 15 16 00-0058		Asphalt Felt Control Joints Or Bond Breaker (03 15 16)		

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 16 00-0059 SF Asphalt Felt Control Joint, 30 LB Felt Bond Breaker..... >1,250, Deduct	1.25 -0.06	0.82
03 15 16 00-0060 SF Asphalt Felt Control Joint, 15 LB Felt Bond Breaker..... >1,250, Deduct	1.17 -0.06	0.82
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.....	6.09	
03 15 16 00-0064 LF 24 Gauge Galvanized Steel Keyed Joint, 4-1/2" Cold Expansion Or Control Joint.....	6.18	
03 15 16 00-0065 LF 24 Gauge Galvanized Steel Keyed Joint, 5-1/2" Cold Expansion Or Control Joint.....	6.39	
03 15 16 00-0066 LF 24 Gauge Galvanized Steel Keyed Joint, 7-1/2" Cold Expansion Or Control Joint.....	6.75	
03 15 16 00-0067 LF 24 Gauge Galvanized Steel Keyed Joint, 9-1/2" Cold Expansion Or Control Joint.....	8.26	
03 15 16 00-0068 Expansion Control Systems (03 15 16)		
03 15 16 00-0069 Wabo Jeene "FW" Traffic Series Expansion Control System (03 15 16 00-0068)		
Note: Jeene® is a patented structural sealing joint system comprised of a neoprene profile, which is air-pressurized and bonded in place with a specially formulated epoxy adhesive. Complete adhesion of the epoxy to the profile and joint wall is achieved due to the air inflation during installation.		
03 15 16 00-0070 LF 1" x 1-1/4" Jeene "FW" Expansion Joint System..... Note: Jeene 25FW. Includes seal, adhesive and all components required for installation. Excludes surface preparation.	92.03	6.56
03 15 16 00-0071 LF 1-5/8" x 2" Jeene "FW" Expansion Joint System..... Note: Jeene 40FW. Includes seal, adhesive and all components required for installation. Excludes surface preparation.	113.83	7.43
03 15 16 00-0072 LF 2" x 2-1/2" Jeene "FW" Expansion Joint System..... Note: Jeene 50FW. Includes seal, adhesive and all components required for installation. Excludes surface preparation.	132.05	8.19
03 15 16 00-0073 LF 2-1/2" x 3-1/4" Jeene "FW" Expansion Joint System..... Note: Jeene 65FW. Includes seal, adhesive and all components required for installation. Excludes surface preparation.	157.55	9.07
03 15 16 00-0074 LF 3" x 3-3/4" Jeene "FW" Expansion Joint System..... Note: Jeene 75FW. Includes seal, adhesive and all components required for installation. Excludes surface preparation.	198.28	9.94
03 15 16 00-0075 LF 3-7/8" x 5" Jeene "FW" Expansion Joint System..... Note: Jeene 100FW. Includes seal, adhesive and all components required for installation. Excludes surface preparation.	234.66	10.72
03 15 16 00-0076 LF 5" x 6-1/8" Jeene "FW" Expansion Joint System..... Note: Jeene 125FW. Includes seal, adhesive and all components required for installation. Excludes surface preparation.	384.41	11.59
03 15 16 00-0077 Wabo ElastoFlex "EFJ" High Impact Load Expansion Joint System (03 15 16 00-0068)		
Note: Wabo® ElastoFlex is a watertight continuous membrane system for joints with movements up to four inches in parking decks, loading docks, elevated roadways and other vehicle and forklift traffic. It uses mechanically fastened ethylene propylene diene monomer (EPDM) anchor blocks with molded-in steel inserts to support heavy duty and high impact loads. The winged flap of the durable elastomeric seal is locked between the anchor block and concrete slab. An epoxy paste bedding adhesive is applied between the winged flap and concrete slab to enhance the product's watertightness. The exposed surfaces are non-metallic and skid resistant while resisting UV deterioration and most chemicals.		
03 15 16 00-0078 LF 1-1/2" ElastoFlex "EFJ" Expansion Joint System..... Note: ElastoFlex EFJ-225 slab to slab. Includes seal, adhesive, epoxy bonded anchors and all components required for installation. Excludes drilling and surface preparation.	174.78	8.68
03 15 16 00-0079 LF 2-1/2" ElastoFlex "EFJ" Expansion Joint System..... Note: ElastoFlex EFJ-400 slab to slab. Includes seal, adhesive, epoxy bonded anchors and all components required for installation. Excludes drilling and surface preparation.	217.23	10.85
03 15 16 00-0080 LF 3-3/4" ElastoFlex "EFJ" Expansion Joint System..... Note: ElastoFlex EFJ-600 slab to slab. Includes seal, adhesive, epoxy bonded anchors and all components required for installation. Excludes drilling and surface preparation.	272.84	13.02
03 15 16 00-0081 LF 1-1/2" ElastoFlex "EFJ-C" Expansion Joint System..... Note: ElastoFlex EFJ-225C wall to slab. Includes seal, adhesive, epoxy bonded anchors and all components required for installation. Excludes drilling and surface preparation.	133.20	8.68
03 15 16 00-0082 LF 2-1/2" ElastoFlex "EFJ-C" Expansion Joint System..... Note: ElastoFlex EFJ-400C wall to slab. Includes seal, adhesive, epoxy bonded anchors and all components required for installation. Excludes drilling and surface preparation.	173.21	10.85
03 15 16 00-0083 LF 3-3/4" ElastoFlex "EFJ-C" Expansion Joint System..... Note: ElastoFlex EFJ-600C wall to slab. Includes seal, adhesive, epoxy bonded anchors and all components required for installation. Excludes drilling and surface preparation.	231.25	13.02
03 15 16 00-0084 Emseal Seismic Colorseal Expansion Joint System (03 15 16 00-0068)		
Note: For high-movement and seismic structural expansion joints, panel joints, window perimeter joints, joints around other penetrations of the building envelope such as store-fronts, curtain walls, EIFS panel joints etc, seal shall be silicone pre-coated, preformed, pre-compressed, self-expanding, sealant system. Seal shall combine factory-applied, 15 Shore-A hardness, low-modulus silicone, and a backing of acrylic-impregnated expanding foam into a unified binary sealant system.		
03 15 16 00-0085 LF 1" Seismic Colorseal Expansion Joint System..... Note: Includes seal, adhesive, field applied silicon cornerbeads and all components required for installation. Excludes surface preparation.	57.88	4.37
03 15 16 00-0086 LF 1-1/2" Seismic Colorseal Expansion Joint System..... Note: Includes seal, adhesive, field applied silicon cornerbeads and all components required for installation. Excludes surface preparation.	85.89	5.03



		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 16 00-0087	LF	2" Seismic Colorseal Expansion Joint System..... Note: Includes seal, adhesive, field applied silicon cornerbeads and all components required for installation. Excludes surface preparation.	118.87	5.68
03 15 16 00-0088	LF	2-1/2" Seismic Colorseal Expansion Joint System Note: Includes seal, adhesive, field applied silicon cornerbeads and all components required for installation. Excludes surface preparation.	147.39	6.23
03 15 16 00-0089	LF	3" Seismic Colorseal Expansion Joint System..... Note: Includes seal, adhesive, field applied silicon cornerbeads and all components required for installation. Excludes surface preparation.	181.62	6.88
03 15 16 00-0090	LF	3-1/2" Seismic Colorseal Expansion Joint System Note: Includes seal, adhesive, field applied silicon cornerbeads and all components required for installation. Excludes surface preparation.	223.90	7.54
03 15 16 00-0091	LF	4" Seismic Colorseal Expansion Joint System..... Note: Includes seal, adhesive, field applied silicon cornerbeads and all components required for installation. Excludes surface preparation.	268.68	8.19
03 15 16 00-0092	LF	4-1/2" Seismic Colorseal Expansion Joint System Note: Includes seal, adhesive, field applied silicon cornerbeads and all components required for installation. Excludes surface preparation.	309.00	8.74
03 15 16 00-0093	LF	5" Seismic Colorseal Expansion Joint System..... Note: Includes seal, adhesive, field applied silicon cornerbeads and all components required for installation. Excludes surface preparation.	351.29	9.40
03 15 16 00-0094		Emseal Thermaflex Watertight Expansion Joint System (03 15 16 00-0068) Note: Thermaflex consists of extruded thermo-plastic Santoprene rubber sealing glands with punched flanges embedded in a high-strength, flexible, impact-absorbing elastomeric concrete nosing. The thermo-plastic Santoprene sealing glands are heat-weldable making transitions through changes in direction and plane not only practical but watertight. The elastomeric concrete is two-part polyurethane reinforced with silica sand and fiberglass.		
03 15 16 00-0095	LF	1-1/2" Thermaflex TM Expansion Joint System Note: Includes seal, adhesive, polyurethane elastomeric concrete and all components required for installation. Excludes surface preparation.	98.38	6.51
03 15 16 00-0096	LF	2-1/2" Thermaflex TM Expansion Joint System Note: Includes seal, adhesive, polyurethane elastomeric concrete and all components required for installation. Excludes surface preparation.	105.05	7.59
03 15 16 00-0097	EA	Thermaflex TM Fittings Expansion Joint System..... Note: For direction changes, tees and crosses. Includes seal, adhesive, polyurethane elastomeric concrete and all components required for installation. Excludes surface preparation.	504.70	21.70
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 For Galvanized, Add For Stainless Steel, Add For >10 To 50, Deduct For >50 To 100, Deduct For >100, Deduct	13.10 3.47 24.29 -0.31 -0.79 -1.58	
03 15 19 00-0005	EA	1/2" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt For Galvanized, Add For Stainless Steel, Add For >10 To 50, Deduct For >50 To 100, Deduct For >100, Deduct	15.48 4.42 30.94 -0.33 -0.89 -1.77	
03 15 19 00-0006	EA	1/2" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt For Galvanized, Add For Stainless Steel, Add For >10 To 50, Deduct For >50 To 100, Deduct For >100, Deduct	19.37 6.09 42.63 -0.36 -1.02 -2.05	
03 15 19 00-0007	EA	5/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt For Galvanized, Add For Stainless Steel, Add For >10 To 50, Deduct For >50 To 100, Deduct For >100, Deduct	23.10 7.96 55.69 -0.36 -1.12 -2.23	
03 15 19 00-0008	EA	5/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt For Galvanized, Add For Stainless Steel, Add For >10 To 50, Deduct For >50 To 100, Deduct For >100, Deduct	29.09 10.62 74.34 -0.39 -1.32 -2.63	
03 15 19 00-0009	EA	5/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt For Galvanized, Add For Stainless Steel, Add For >10 To 50, Deduct For >50 To 100, Deduct For >100, Deduct	32.90 12.14 84.95 -0.43 -1.47 -2.94	

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	32.73
	For Galvanized, Add	12.05
	For Stainless Steel, Add	84.35
	For >10 To 50, Deduct	-0.43
	For >50 To 100, Deduct	-1.47
	For >100, Deduct	-2.93
03 15 19 00-0012	EA 3/4" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	37.68
	For Galvanized, Add	14.05
	For Stainless Steel, Add	98.32
	For >10 To 50, Deduct	-0.48
	For >50 To 100, Deduct	-1.66
	For >100, Deduct	-3.32
03 15 19 00-0013	EA 3/4" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	46.77
	For Galvanized, Add	17.99
	For Stainless Steel, Add	125.93
	For >10 To 50, Deduct	-0.54
	For >50 To 100, Deduct	-1.98
	For >100, Deduct	-3.96
03 15 19 00-0014	EA 3/4" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	57.43
	For Galvanized, Add	22.67
	For Stainless Steel, Add	158.69
	For >10 To 50, Deduct	-0.60
	For >50 To 100, Deduct	-2.34
	For >100, Deduct	-4.69
03 15 19 00-0015	EA 7/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	43.73
	For Galvanized, Add	16.47
	For Stainless Steel, Add	115.29
	For >10 To 50, Deduct	-0.54
	For >50 To 100, Deduct	-1.90
	For >100, Deduct	-3.81
03 15 19 00-0016	EA 7/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	51.77
	For Galvanized, Add	19.72
	For Stainless Steel, Add	138.04
	For >10 To 50, Deduct	-0.62
	For >50 To 100, Deduct	-2.22
	For >100, Deduct	-4.44
03 15 19 00-0017	EA 7/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	66.96
	For Galvanized, Add	26.29
	For Stainless Steel, Add	184.03
	For >10 To 50, Deduct	-0.72
	For >50 To 100, Deduct	-2.75
	For >100, Deduct	-5.51
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	54.94
	For Galvanized, Add	21.31
	For Stainless Steel, Add	149.14
	For >10 To 50, Deduct	-0.62
	For >50 To 100, Deduct	-2.30
	For >100, Deduct	-4.60
03 15 19 00-0020	EA 1" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	65.66
	For Galvanized, Add	25.64
	For Stainless Steel, Add	179.48
	For >10 To 50, Deduct	-0.72
	For >50 To 100, Deduct	-2.72
	For >100, Deduct	-5.44
03 15 19 00-0021	EA 1" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	81.54
	For Galvanized, Add	32.14
	For Stainless Steel, Add	224.98
	For >10 To 50, Deduct	-0.86
	For >50 To 100, Deduct	-3.33
	For >100, Deduct	-6.67
03 15 19 00-0022	EA 1" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	100.12
	For Galvanized, Add	39.27
	For Stainless Steel, Add	274.89
	For >10 To 50, Deduct	-1.08
	For >50 To 100, Deduct	-4.12
	For >100, Deduct	-8.24
03 15 19 00-0023	EA 1-1/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	66.81
	For Galvanized, Add	26.64
	For Stainless Steel, Add	186.45
	For >10 To 50, Deduct	-0.68
	For >50 To 100, Deduct	-2.69
	For >100, Deduct	-5.37
03 15 19 00-0024	EA 1-1/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	79.90
	For Galvanized, Add	32.06
	For Stainless Steel, Add	224.39
	For >10 To 50, Deduct	-0.79
	For >50 To 100, Deduct	-3.18
	For >100, Deduct	-6.36



		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	99.31	
			For Galvanized, Add	40.18	
			For Stainless Steel, Add	281.26	
			For >10 To 50, Deduct	-0.95	
			For >50 To 100, Deduct	-3.90	
			For >100, Deduct	-7.81	
03 15 19 00-0026	EA		1-1/8" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	121.87	
			For Galvanized, Add	49.09	
			For Stainless Steel, Add	343.63	
			For >10 To 50, Deduct	-1.18	
			For >50 To 100, Deduct	-4.82	
			For >100, Deduct	-9.65	
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	81.58	
			For Galvanized, Add	35.29	
			For Stainless Steel, Add	233.03	
			For >10 To 50, Deduct	-0.75	
			For >50 To 100, Deduct	-3.16	
			For >100, Deduct	-6.33	
03 15 19 00-0029	EA		1-1/4" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	97.64	
			For Galvanized, Add	40.08	
			For Stainless Steel, Add	280.53	
			For >10 To 50, Deduct	-0.87	
			For >50 To 100, Deduct	-3.75	
			For >100, Deduct	-7.51	
03 15 19 00-0030	EA		1-1/4" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	121.48	
			For Galvanized, Add	50.24	
			For Stainless Steel, Add	351.68	
			For >10 To 50, Deduct	-1.05	
			For >50 To 100, Deduct	-4.61	
			For >100, Deduct	-9.22	
03 15 19 00-0031	EA		1-1/4" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	148.95	
			For Galvanized, Add	61.36	
			For Stainless Steel, Add	429.49	
			For >10 To 50, Deduct	-1.31	
			For >50 To 100, Deduct	-5.69	
			For >100, Deduct	-11.38	
03 15 19 00-0032	EA		1-1/2" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	100.04	
			For Galvanized, Add	41.61	
			For Stainless Steel, Add	291.27	
			For >10 To 50, Deduct	-0.84	
			For >50 To 100, Deduct	-3.76	
			For >100, Deduct	-7.53	
03 15 19 00-0033	EA		1-1/2" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	119.79	
			For Galvanized, Add	50.09	
			For Stainless Steel, Add	350.60	
			For >10 To 50, Deduct	-0.98	
			For >50 To 100, Deduct	-4.47	
			For >100, Deduct	-8.93	
03 15 19 00-0034	EA		1-1/2" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	149.17	
			For Galvanized, Add	62.81	
			For Stainless Steel, Add	439.67	
			For >10 To 50, Deduct	-1.18	
			For >50 To 100, Deduct	-5.50	
			For >100, Deduct	-10.99	
03 15 19 00-0035	EA		1-1/2" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	182.82	
			For Galvanized, Add	76.70	
			For Stainless Steel, Add	536.90	
			For >10 To 50, Deduct	-1.47	
			For >50 To 100, Deduct	-6.78	
			For >100, Deduct	-13.55	
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	28.01	
			For Galvanized, Add	9.21	
			For Stainless Steel, Add	64.47	
			For >10 To 50, Deduct	-0.48	
			For >50 To 100, Deduct	-1.42	
			For >100, Deduct	-2.84	
03 15 19 00-0039	EA		3/4" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	33.55	
			For Galvanized, Add	11.38	
			For Stainless Steel, Add	79.66	
			For >10 To 50, Deduct	-0.54	
			For >50 To 100, Deduct	-1.65	
			For >100, Deduct	-3.30	

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	.....	38.42	
		For Galvanized, Add	.....	13.05	
		For Stainless Steel, Add	.....	91.32	
		For >10 To 50, Deduct	.....	-0.62	
		For >50 To 100, Deduct	.....	-1.89	
		For >100, Deduct	.....	-3.77	
03 15 19 00-0041	EA	3/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	.....	41.47	
		For Galvanized, Add	.....	13.55	
		For Stainless Steel, Add	.....	94.82	
		For >10 To 50, Deduct	.....	-0.72	
		For >50 To 100, Deduct	.....	-2.12	
		For >100, Deduct	.....	-4.23	
03 15 19 00-0042	EA	3/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	.....	45.70	
		For Galvanized, Add	.....	14.22	
		For Stainless Steel, Add	.....	99.54	
		For >10 To 50, Deduct	.....	-0.86	
		For >50 To 100, Deduct	.....	-2.44	
		For >100, Deduct	.....	-4.87	
03 15 19 00-0043	EA	7/8" Diameter x 12" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	.....	33.63	
		For Galvanized, Add	.....	11.42	
		For Stainless Steel, Add	.....	79.94	
		For >10 To 50, Deduct	.....	-0.54	
		For >50 To 100, Deduct	.....	-1.65	
		For >100, Deduct	.....	-3.30	
03 15 19 00-0044	EA	7/8" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	.....	38.94	
		For Galvanized, Add	.....	13.31	
		For Stainless Steel, Add	.....	93.14	
		For >10 To 50, Deduct	.....	-0.62	
		For >50 To 100, Deduct	.....	-1.90	
		For >100, Deduct	.....	-3.80	
03 15 19 00-0045	EA	7/8" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	.....	44.90	
		For Galvanized, Add	.....	15.26	
		For Stainless Steel, Add	.....	106.82	
		For >10 To 50, Deduct	.....	-0.72	
		For >50 To 100, Deduct	.....	-2.20	
		For >100, Deduct	.....	-4.40	
03 15 19 00-0046	EA	7/8" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	.....	48.95	
		For Galvanized, Add	.....	15.85	
		For Stainless Steel, Add	.....	110.92	
		For >10 To 50, Deduct	.....	-0.86	
		For >50 To 100, Deduct	.....	-2.52	
		For >100, Deduct	.....	-5.04	
03 15 19 00-0047	EA	7/8" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	.....	54.87	
		For Galvanized, Add	.....	16.65	
		For Stainless Steel, Add	.....	116.52	
		For >10 To 50, Deduct	.....	-1.08	
		For >50 To 100, Deduct	.....	-2.99	
		For >100, Deduct	.....	-5.98	
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	.....	41.63	
		For Galvanized, Add	.....	14.65	
		For Stainless Steel, Add	.....	102.55	
		For >10 To 50, Deduct	.....	-0.62	
		For >50 To 100, Deduct	.....	-1.97	
		For >100, Deduct	.....	-3.93	
03 15 19 00-0050	EA	1" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	.....	47.32	
		For Galvanized, Add	.....	16.47	
		For Stainless Steel, Add	.....	115.29	
		For >10 To 50, Deduct	.....	-0.72	
		For >50 To 100, Deduct	.....	-2.26	
		For >100, Deduct	.....	-4.52	
03 15 19 00-0051	EA	1" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	.....	54.10	
		For Galvanized, Add	.....	18.42	
		For Stainless Steel, Add	.....	128.94	
		For >10 To 50, Deduct	.....	-0.86	
		For >50 To 100, Deduct	.....	-2.65	
		For >100, Deduct	.....	-5.29	
03 15 19 00-0052	EA	1" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	.....	57.34	
		For Galvanized, Add	.....	19.29	
		For Stainless Steel, Add	.....	135.03	
		For >10 To 50, Deduct	.....	-0.94	
		For >50 To 100, Deduct	.....	-2.84	
		For >100, Deduct	.....	-5.68	
03 15 19 00-0053	EA	1" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	.....	61.98	
		For Galvanized, Add	.....	20.20	
		For Stainless Steel, Add	.....	141.40	
		For >10 To 50, Deduct	.....	-1.08	
		For >50 To 100, Deduct	.....	-3.17	
		For >100, Deduct	.....	-6.34	



		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.....	70.79	
			For Galvanized, Add	23.41	
			For Stainless Steel, Add	163.64	
			For >10 To 50, Deduct	-1.20	
			For >50 To 100, Deduct	-3.57	
			For >100, Deduct	-7.14	
03 15 19 00-0055	EA		1" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	83.56	
			For Galvanized, Add	27.40	
			For Stainless Steel, Add	191.77	
			For >10 To 50, Deduct	-1.44	
			For >50 To 100, Deduct	-4.25	
			For >100, Deduct	-8.49	
03 15 19 00-0056	EA		1-1/8" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	52.91	
			For Galvanized, Add	19.27	
			For Stainless Steel, Add	134.66	
			For >10 To 50, Deduct	-0.72	
			For >50 To 100, Deduct	-2.40	
			For >100, Deduct	-4.80	
03 15 19 00-0057	EA		1-1/8" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	60.39	
			For Galvanized, Add	21.57	
			For Stainless Steel, Add	150.96	
			For >10 To 50, Deduct	-0.86	
			For >50 To 100, Deduct	-2.80	
			For >100, Deduct	-5.61	
03 15 19 00-0058	EA		1-1/8" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	63.88	
			For Galvanized, Add	22.56	
			For Stainless Steel, Add	157.92	
			For >10 To 50, Deduct	-0.94	
			For >50 To 100, Deduct	-3.00	
			For >100, Deduct	-6.01	
03 15 19 00-0059			1-1/4" And 1-3/8" Diameter (03 15 19 00-0036)		
03 15 19 00-0060	EA		1-1/4" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	63.86	
			For Galvanized, Add	23.30	
			For Stainless Steel, Add	163.10	
			For >10 To 50, Deduct	-0.86	
			For >50 To 100, Deduct	-2.89	
			For >100, Deduct	-5.78	
03 15 19 00-0061	EA		1-1/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	76.11	
			For Galvanized, Add	27.27	
			For Stainless Steel, Add	190.66	
			For >10 To 50, Deduct	-1.08	
			For >50 To 100, Deduct	-3.52	
			For >100, Deduct	-7.04	
03 15 19 00-0062	EA		1-1/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	84.48	
			For Galvanized, Add	30.89	
			For Stainless Steel, Add	216.20	
			For >10 To 50, Deduct	-1.14	
			For >50 To 100, Deduct	-3.82	
			For >100, Deduct	-7.63	
03 15 19 00-0063	EA		1-1/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	93.72	
			For Galvanized, Add	34.87	
			For Stainless Steel, Add	244.09	
			For >10 To 50, Deduct	-1.20	
			For >50 To 100, Deduct	-4.14	
			For >100, Deduct	-8.28	
03 15 19 00-0064	EA		1-1/4" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	102.83	
			For Galvanized, Add	37.93	
			For Stainless Steel, Add	265.51	
			For >10 To 50, Deduct	-1.35	
			For >50 To 100, Deduct	-4.59	
			For >100, Deduct	-9.19	
03 15 19 00-0065	EA		1-1/4" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	112.06	
			For Galvanized, Add	40.62	
			For Stainless Steel, Add	284.31	
			For >10 To 50, Deduct	-1.54	
			For >50 To 100, Deduct	-5.11	
			For >100, Deduct	-10.23	
03 15 19 00-0066	EA		1-1/4" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	122.91	
			For Galvanized, Add	43.48	
			For Stainless Steel, Add	304.33	
			For >10 To 50, Deduct	-1.80	
			For >50 To 100, Deduct	-5.77	
			For >100, Deduct	-11.54	
03 15 19 00-0067	EA		1-1/4" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	139.30	
			For Galvanized, Add	48.07	
			For Stainless Steel, Add	336.49	
			For >10 To 50, Deduct	-2.16	
			For >50 To 100, Deduct	-6.72	
			For >100, Deduct	-13.44	

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.....	75.52	
			For Galvanized, Add	29.13	
			For Stainless Steel, Add	203.91	
			For >10 To 50, Deduct	-0.86	
			For >50 To 100, Deduct	-3.18	
			For >100, Deduct	-6.37	
03 15 19 00-0069	EA		1-3/8" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	89.76	
			For Galvanized, Add	34.09	
			For Stainless Steel, Add	238.63	
			For >10 To 50, Deduct	-1.08	
			For >50 To 100, Deduct	-3.86	
			For >100, Deduct	-7.73	
03 15 19 00-0070	EA		1-3/8" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	99.91	
			For Galvanized, Add	38.60	
			For Stainless Steel, Add	270.20	
			For >10 To 50, Deduct	-1.14	
			For >50 To 100, Deduct	-4.20	
			For >100, Deduct	-8.40	
03 15 19 00-0071	EA		1-3/8" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	111.15	
			For Galvanized, Add	43.59	
			For Stainless Steel, Add	305.10	
			For >10 To 50, Deduct	-1.20	
			For >50 To 100, Deduct	-4.58	
			For >100, Deduct	-9.15	
03 15 19 00-0072	EA		1-3/8" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	121.81	
			For Galvanized, Add	47.42	
			For Stainless Steel, Add	331.94	
			For >10 To 50, Deduct	-1.35	
			For >50 To 100, Deduct	-5.07	
			For >100, Deduct	-10.14	
03 15 19 00-0073	EA		1-3/8" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	132.39	
			For Galvanized, Add	50.78	
			For Stainless Steel, Add	355.46	
			For >10 To 50, Deduct	-1.54	
			For >50 To 100, Deduct	-5.62	
			For >100, Deduct	-11.24	
03 15 19 00-0074	EA		1-3/8" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	145.54	
			For Galvanized, Add	54.79	
			For Stainless Steel, Add	383.53	
			For >10 To 50, Deduct	-1.80	
			For >50 To 100, Deduct	-6.34	
			For >100, Deduct	-12.67	
03 15 19 00-0075	EA		1-3/8" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	163.36	
			For Galvanized, Add	60.10	
			For Stainless Steel, Add	420.70	
			For >10 To 50, Deduct	-2.16	
			For >50 To 100, Deduct	-7.32	
			For >100, Deduct	-14.64	
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.....	100.37	
			For Galvanized, Add	40.38	
			For Stainless Steel, Add	282.63	
			For >10 To 50, Deduct	-0.98	
			For >50 To 100, Deduct	-3.98	
			For >100, Deduct	-7.96	
03 15 19 00-0078	EA		1-1/2" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	107.41	
			For Galvanized, Add	42.35	
			For Stainless Steel, Add	296.45	
			For >10 To 50, Deduct	-1.14	
			For >50 To 100, Deduct	-4.39	
			For >100, Deduct	-8.78	
03 15 19 00-0079	EA		1-1/2" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	118.58	
			For Galvanized, Add	46.60	
			For Stainless Steel, Add	326.17	
			For >10 To 50, Deduct	-1.27	
			For >50 To 100, Deduct	-4.87	
			For >100, Deduct	-9.74	
03 15 19 00-0080	EA		1-1/2" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	128.79	
			For Galvanized, Add	50.91	
			For Stainless Steel, Add	356.37	
			For >10 To 50, Deduct	-1.35	
			For >50 To 100, Deduct	-5.24	
			For >100, Deduct	-10.49	
03 15 19 00-0081	EA		1-1/2" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	139.22	
			For Galvanized, Add	55.23	
			For Stainless Steel, Add	386.58	
			For >10 To 50, Deduct	-1.44	
			For >50 To 100, Deduct	-5.64	
			For >100, Deduct	-11.28	



		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 00-0082	EA	1-1/2" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	151.97	
		For Galvanized, Add	59.39	
		For Stainless Steel, Add	415.70	
		For >10 To 50, Deduct	-1.66	
		For >50 To 100, Deduct	-6.29	
		For >100, Deduct	-12.58	
03 15 19 00-0083	EA	1-1/2" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	167.72	
		For Galvanized, Add	64.24	
		For Stainless Steel, Add	449.68	
		For >10 To 50, Deduct	-1.96	
		For >50 To 100, Deduct	-7.14	
		For >100, Deduct	-14.27	
03 15 19 00-0084	EA	1-1/2" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	190.44	
		For Galvanized, Add	71.24	
		For Stainless Steel, Add	498.68	
		For >10 To 50, Deduct	-2.40	
		For >50 To 100, Deduct	-8.36	
		For >100, Deduct	-16.72	
03 15 19 00-0085	EA	1-3/4" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	143.08	
		For Galvanized, Add	60.75	
		For Stainless Steel, Add	425.25	
		For >10 To 50, Deduct	-1.08	
		For >50 To 100, Deduct	-5.20	
		For >100, Deduct	-10.39	
03 15 19 00-0086	EA	1-3/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	148.12	
		For Galvanized, Add	62.07	
		For Stainless Steel, Add	434.49	
		For >10 To 50, Deduct	-1.20	
		For >50 To 100, Deduct	-5.50	
		For >100, Deduct	-11.00	
03 15 19 00-0087	EA	1-3/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	151.53	
		For Galvanized, Add	63.07	
		For Stainless Steel, Add	441.49	
		For >10 To 50, Deduct	-1.27	
		For >50 To 100, Deduct	-5.69	
		For >100, Deduct	-11.39	
03 15 19 00-0088	EA	1-3/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	172.66	
		For Galvanized, Add	72.85	
		For Stainless Steel, Add	509.92	
		For >10 To 50, Deduct	-1.35	
		For >50 To 100, Deduct	-6.34	
		For >100, Deduct	-12.68	
03 15 19 00-0089	EA	1-3/4" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	199.01	
		For Galvanized, Add	84.09	
		For Stainless Steel, Add	588.63	
		For >10 To 50, Deduct	-1.54	
		For >50 To 100, Deduct	-7.29	
		For >100, Deduct	-14.58	
03 15 19 00-0090	EA	1-3/4" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	206.35	
		For Galvanized, Add	85.20	
		For Stainless Steel, Add	596.37	
		For >10 To 50, Deduct	-1.80	
		For >50 To 100, Deduct	-7.86	
		For >100, Deduct	-15.71	
03 15 19 00-0091	EA	1-3/4" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	227.16	
		For Galvanized, Add	92.00	
		For Stainless Steel, Add	644.00	
		For >10 To 50, Deduct	-2.16	
		For >50 To 100, Deduct	-8.92	
		For >100, Deduct	-17.83	
03 15 19 00-0092	EA	1-3/4" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	252.13	
		For Galvanized, Add	99.09	
		For Stainless Steel, Add	693.63	
		For >10 To 50, Deduct	-2.70	
		For >50 To 100, Deduct	-10.35	
		For >100, Deduct	-20.70	
03 15 19 00-0093	EA	2" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	210.35	
		For Galvanized, Add	92.48	
		For Stainless Steel, Add	647.36	
		For >10 To 50, Deduct	-1.27	
		For >50 To 100, Deduct	-7.16	
		For >100, Deduct	-14.33	
03 15 19 00-0094	EA	2" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	228.73	
		For Galvanized, Add	99.98	
		For Stainless Steel, Add	699.86	
		For >10 To 50, Deduct	-1.44	
		For >50 To 100, Deduct	-7.88	
		For >100, Deduct	-15.75	
03 15 19 00-0095	EA	2" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	251.14	
		For Galvanized, Add	108.97	
		For Stainless Steel, Add	762.79	
		For >10 To 50, Deduct	-1.66	
		For >50 To 100, Deduct	-8.77	
		For >100, Deduct	-17.54	

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	270.06	
			For Galvanized, Add	115.41	
			For Stainless Steel, Add	807.87	
			For >10 To 50, Deduct	-1.96	
			For >50 To 100, Deduct	-9.69	
			For >100, Deduct	-19.39	
03 15 19 00-0097	EA		2" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	291.19	
			For Galvanized, Add	124.02	
			For Stainless Steel, Add	868.11	
			For >10 To 50, Deduct	-2.16	
			For >50 To 100, Deduct	-10.52	
			For >100, Deduct	-21.03	
03 15 19 00-0098	EA		2" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	312.80	
			For Galvanized, Add	132.42	
			For Stainless Steel, Add	926.94	
			For >10 To 50, Deduct	-2.40	
			For >50 To 100, Deduct	-11.42	
			For >100, Deduct	-22.83	
03 15 19 00-0099	EA		2" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	346.10	
			For Galvanized, Add	142.22	
			For Stainless Steel, Add	995.54	
			For >10 To 50, Deduct	-3.08	
			For >50 To 100, Deduct	-13.28	
			For >100, Deduct	-26.55	
03 15 19 00-0100	EA		2" Diameter x 66" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	374.36	
			For Galvanized, Add	156.35	
			For Stainless Steel, Add	1,094.45	
			For >10 To 50, Deduct	-3.08	
			For >50 To 100, Deduct	-13.98	
			For >100, Deduct	-27.97	
03 15 19 00-0101	EA		2" Diameter x 72" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	419.52	
			For Galvanized, Add	173.80	
			For Stainless Steel, Add	1,216.57	
			For >10 To 50, Deduct	-3.60	
			For >50 To 100, Deduct	-15.88	
			For >100, Deduct	-31.77	
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	436.31	
			For Galvanized, Add	205.46	
			For Stainless Steel, Add	1,438.22	
			For >10 To 50, Deduct	-1.27	
			For >50 To 100, Deduct	-12.81	
			For >100, Deduct	-25.62	
03 15 19 00-0104	EA		2-1/2" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	458.29	
			For Galvanized, Add	214.76	
			For Stainless Steel, Add	1,503.32	
			For >10 To 50, Deduct	-1.44	
			For >50 To 100, Deduct	-13.62	
			For >100, Deduct	-27.23	
03 15 19 00-0105	EA		2-1/2" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	499.00	
			For Galvanized, Add	232.90	
			For Stainless Steel, Add	1,630.30	
			For >10 To 50, Deduct	-1.66	
			For >50 To 100, Deduct	-14.97	
			For >100, Deduct	-29.93	
03 15 19 00-0106	EA		2-1/2" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	530.13	
			For Galvanized, Add	245.45	
			For Stainless Steel, Add	1,718.12	
			For >10 To 50, Deduct	-1.96	
			For >50 To 100, Deduct	-16.20	
			For >100, Deduct	-32.39	
03 15 19 00-0107	EA		2-1/2" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	560.36	
			For Galvanized, Add	258.60	
			For Stainless Steel, Add	1,810.20	
			For >10 To 50, Deduct	-2.16	
			For >50 To 100, Deduct	-17.25	
			For >100, Deduct	-34.49	
03 15 19 00-0108	EA		2-1/2" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	594.64	
			For Galvanized, Add	273.34	
			For Stainless Steel, Add	1,913.38	
			For >10 To 50, Deduct	-2.40	
			For >50 To 100, Deduct	-18.46	
			For >100, Deduct	-36.93	
03 15 19 00-0109	EA		2-1/2" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	638.51	
			For Galvanized, Add	288.43	
			For Stainless Steel, Add	2,018.98	
			For >10 To 50, Deduct	-3.08	
			For >50 To 100, Deduct	-20.59	
			For >100, Deduct	-41.17	



		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.....	492.16	
		For Galvanized, Add	232.60	
		For Stainless Steel, Add	1,628.17	
		For >10 To 50, Deduct	-1.36	
		For >50 To 100, Deduct	-14.33	
		For >100, Deduct	-28.65	
03 15 19 00-0111	EA	2-3/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	528.44	
		For Galvanized, Add	248.81	
		For Stainless Steel, Add	1,741.64	
		For >10 To 50, Deduct	-1.54	
		For >50 To 100, Deduct	-15.52	
		For >100, Deduct	-31.05	
03 15 19 00-0112	EA	2-3/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	566.30	
		For Galvanized, Add	265.17	
		For Stainless Steel, Add	1,856.19	
		For >10 To 50, Deduct	-1.80	
		For >50 To 100, Deduct	-16.85	
		For >100, Deduct	-33.71	
03 15 19 00-0113	EA	2-3/4" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	602.97	
		For Galvanized, Add	279.91	
		For Stainless Steel, Add	1,959.34	
		For >10 To 50, Deduct	-2.16	
		For >50 To 100, Deduct	-18.31	
		For >100, Deduct	-36.62	
03 15 19 00-0114	EA	2-3/4" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	639.98	
		For Galvanized, Add	296.01	
		For Stainless Steel, Add	2,072.07	
		For >10 To 50, Deduct	-2.40	
		For >50 To 100, Deduct	-19.60	
		For >100, Deduct	-39.19	
03 15 19 00-0115	EA	2-3/4" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	691.70	
		For Galvanized, Add	318.88	
		For Stainless Steel, Add	2,232.13	
		For >10 To 50, Deduct	-2.70	
		For >50 To 100, Deduct	-21.34	
		For >100, Deduct	-42.68	
03 15 19 00-0116	EA	2-3/4" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	744.75	
		For Galvanized, Add	336.41	
		For Stainless Steel, Add	2,354.87	
		For >10 To 50, Deduct	-3.60	
		For >50 To 100, Deduct	-24.01	
		For >100, Deduct	-48.03	

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.....	0.70	
		For Up To 100, Add	0.45	
		For >100 To 200, Add	0.25	
		For >200 To 500, Add	0.10	
03 21 11 00-0003	LF	#4, Grade 40, Beams And Girders, Steel Reinforcement Bar.....	1.18	
		For Up To 100, Add	0.78	
		For >100 To 200, Add	0.43	
		For >200 To 500, Add	0.17	
03 21 11 00-0004	LF	#5, Grade 40, Beams And Girders, Steel Reinforcement Bar.....	1.76	
		For Up To 100, Add	1.19	
		For >100 To 200, Add	0.64	
		For >200 To 500, Add	0.26	
03 21 11 00-0005	LF	#6, Grade 40, Beams And Girders, Steel Reinforcement Bar.....	2.43	
		For Up To 100, Add	1.67	
		For >100 To 200, Add	0.90	
		For >200 To 500, Add	0.36	
03 21 11 00-0006	LF	#3, Grade 50, Beams And Girders, Steel Reinforcement Bar.....	0.72	
		For Up To 100, Add	0.47	
		For >100 To 200, Add	0.26	
		For >200 To 500, Add	0.10	
03 21 11 00-0007	LF	#4, Grade 50, Beams And Girders, Steel Reinforcement Bar.....	1.20	
		For Up To 100, Add	0.80	
		For >100 To 200, Add	0.44	
		For >200 To 500, Add	0.17	
03 21 11 00-0008	LF	#5, Grade 50, Beams And Girders, Steel Reinforcement Bar.....	1.80	
		For Up To 100, Add	1.23	
		For >100 To 200, Add	0.66	
		For >200 To 500, Add	0.27	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0009	LF	#6, Grade 50, Beams And Girders, Steel Reinforcement Bar.....	2.48	
		For Up To 100, Add	1.72	
		For >100 To 200, Add	0.93	
		For >200 To 500, Add	0.37	
03 21 11 00-0010	LF	#3, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	0.74	
		For Up To 100, Add	0.49	
		For >100 To 200, Add	0.27	
		For >200 To 500, Add	0.11	
03 21 11 00-0011	LF	#4, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	1.24	
		For Up To 100, Add	0.84	
		For >100 To 200, Add	0.46	
		For >200 To 500, Add	0.18	
03 21 11 00-0012	LF	#5, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	1.86	
		For Up To 100, Add	1.29	
		For >100 To 200, Add	0.69	
		For >200 To 500, Add	0.28	
03 21 11 00-0013	LF	#6, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	2.57	
		For Up To 100, Add	1.81	
		For >100 To 200, Add	0.97	
		For >200 To 500, Add	0.39	
03 21 11 00-0014	LF	#7, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	3.34	
		For Up To 100, Add	1.88	
		For >100 To 200, Add	1.10	
		For >200 To 400, Add	0.51	
03 21 11 00-0015	LF	#8, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	4.16	
		For Up To 100, Add	2.39	
		For >100 To 200, Add	1.39	
		For >200 To 400, Add	0.65	
03 21 11 00-0016	LF	#9, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	5.11	
		For Up To 100, Add	2.98	
		For >100 To 200, Add	1.72	
		For >200 To 400, Add	0.81	
03 21 11 00-0017	LF	#10, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	6.25	
		For Up To 100, Add	3.00	
		For >100 To 200, Add	1.63	
		For >200 To 300, Add	0.81	
03 21 11 00-0018	LF	#11, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	7.43	
		For Up To 100, Add	3.62	
		For >100 To 200, Add	1.95	
		For >200 To 300, Add	0.98	
03 21 11 00-0019	LF	#14, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	10.29	
		For Up To 100, Add	5.09	
		For >100 To 200, Add	2.73	
		For >200 To 300, Add	1.36	
03 21 11 00-0020	LF	#18, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	17.59	
		For Up To 100, Add	8.84	
		For >100 To 200, Add	4.71	
		For >200 To 300, Add	2.35	
03 21 11 00-0021	LF	#6, Grade 75, Beams And Girders, Steel Reinforcement Bar.....	2.66	
		For Up To 100, Add	1.90	
		For >100 To 200, Add	1.02	
		For >200 To 500, Add	0.41	
03 21 11 00-0022	LF	#7, Grade 75, Beams And Girders, Steel Reinforcement Bar.....	3.46	
		For Up To 100, Add	1.97	
		For >100 To 200, Add	1.15	
		For >200 To 400, Add	0.54	
03 21 11 00-0023	LF	#8, Grade 75, Beams And Girders, Steel Reinforcement Bar.....	4.32	
		For Up To 100, Add	2.51	
		For >100 To 200, Add	1.45	
		For >200 To 400, Add	0.68	
03 21 11 00-0024	LF	#9, Grade 75, Beams And Girders, Steel Reinforcement Bar.....	5.31	
		For Up To 100, Add	3.13	
		For >100 To 200, Add	1.80	
		For >200 To 400, Add	0.85	
03 21 11 00-0025	LF	#10, Grade 75, Beams And Girders, Steel Reinforcement Bar.....	6.50	
		For Up To 100, Add	3.15	
		For >100 To 200, Add	1.70	
		For >200 To 300, Add	0.85	
03 21 11 00-0026	LF	#11, Grade 75, Beams And Girders, Steel Reinforcement Bar.....	7.74	
		For Up To 100, Add	3.81	
		For >100 To 200, Add	2.04	
		For >200 To 300, Add	1.02	
03 21 11 00-0027	LF	#14, Grade 75, Beams And Girders, Steel Reinforcement Bar.....	10.73	
		For Up To 100, Add	5.36	
		For >100 To 200, Add	2.86	
		For >200 To 300, Add	1.43	
03 21 11 00-0028	LF	#18, Grade 75, Beams And Girders, Steel Reinforcement Bar.....	18.38	
		For Up To 100, Add	9.32	
		For >100 To 200, Add	4.94	
		For >200 To 300, Add	2.47	
03 21 11 00-0029	LF	#3, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	0.75	
		For Up To 100, Add	0.50	
		For >100 To 200, Add	0.27	
		For >200 To 500, Add	0.11	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0030	LF	#4, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	.....	1.27	
		For Up To 100, Add		0.87	
		For >100 To 200, Add		0.47	
		For >200 To 500, Add		0.19	
03 21 11 00-0031	LF	#5, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	.....	1.91	
		For Up To 100, Add		1.34	
		For >100 To 200, Add		0.72	
		For >200 To 500, Add		0.29	
03 21 11 00-0032	LF	#6, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	.....	2.64	
		For Up To 100, Add		1.88	
		For >100 To 200, Add		1.01	
		For >200 To 500, Add		0.40	
03 21 11 00-0033	LF	#7, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	.....	3.43	
		For Up To 100, Add		1.95	
		For >100 To 200, Add		1.14	
		For >200 To 400, Add		0.53	
03 21 11 00-0034	LF	#8, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	.....	4.28	
		For Up To 100, Add		2.48	
		For >100 To 200, Add		1.44	
		For >200 To 400, Add		0.67	
03 21 11 00-0035	LF	#9, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	.....	5.26	
		For Up To 100, Add		3.09	
		For >100 To 200, Add		1.78	
		For >200 To 400, Add		0.84	
03 21 11 00-0036	LF	#10, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	.....	6.43	
		For Up To 100, Add		3.11	
		For >100 To 200, Add		1.68	
		For >200 To 300, Add		0.84	
03 21 11 00-0037	LF	#11, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	.....	7.66	
		For Up To 100, Add		3.76	
		For >100 To 200, Add		2.02	
		For >200 To 300, Add		1.01	
03 21 11 00-0038	LF	#14, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	.....	10.62	
		For Up To 100, Add		5.29	
		For >100 To 200, Add		2.83	
		For >200 To 300, Add		1.41	
03 21 11 00-0039	LF	#18, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	.....	18.18	
		For Up To 100, Add		9.20	
		For >100 To 200, Add		4.88	
		For >200 To 300, Add		2.44	
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	.....	0.73	
		For Up To 100, Add		0.47	
		For >100 To 200, Add		0.26	
		For >200 To 500, Add		0.10	
03 21 11 00-0042	LF	#4, Grade 40, Columns, Steel Reinforcement Bar	.....	1.25	
		For Up To 100, Add		0.81	
		For >100 To 200, Add		0.44	
		For >200 To 500, Add		0.18	
03 21 11 00-0043	LF	#5, Grade 40, Columns, Steel Reinforcement Bar	.....	1.85	
		For Up To 100, Add		1.23	
		For >100 To 200, Add		0.67	
		For >200 To 500, Add		0.27	
03 21 11 00-0044	LF	#6, Grade 40, Columns, Steel Reinforcement Bar	.....	2.56	
		For Up To 100, Add		1.73	
		For >100 To 200, Add		0.93	
		For >200 To 500, Add		0.37	
03 21 11 00-0045	LF	#3, Grade 50, Columns, Steel Reinforcement Bar	.....	0.75	
		For Up To 100, Add		0.49	
		For >100 To 200, Add		0.27	
		For >200 To 500, Add		0.11	
03 21 11 00-0046	LF	#4, Grade 50, Columns, Steel Reinforcement Bar	.....	1.27	
		For Up To 100, Add		0.83	
		For >100 To 200, Add		0.45	
		For >200 To 500, Add		0.18	
03 21 11 00-0047	LF	#5, Grade 50, Columns, Steel Reinforcement Bar	.....	1.89	
		For Up To 100, Add		1.27	
		For >100 To 200, Add		0.69	
		For >200 To 500, Add		0.27	
03 21 11 00-0048	LF	#6, Grade 50, Columns, Steel Reinforcement Bar	.....	2.61	
		For Up To 100, Add		1.78	
		For >100 To 200, Add		0.96	
		For >200 To 500, Add		0.38	
03 21 11 00-0049	LF	#3, Grade 60, Columns, Steel Reinforcement Bar	.....	0.77	
		For Up To 100, Add		0.51	
		For >100 To 200, Add		0.28	
		For >200 To 500, Add		0.11	
03 21 11 00-0050	LF	#4, Grade 60, Columns, Steel Reinforcement Bar	.....	1.31	
		For Up To 100, Add		0.87	
		For >100 To 200, Add		0.47	
		For >200 To 500, Add		0.19	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0051	LF	#5, Grade 60, Columns, Steel Reinforcement Bar	.....	1.95	
		For Up To 100, Add	.....	1.33	
		For >100 To 200, Add	.....	0.72	
		For >200 To 500, Add	.....	0.29	
03 21 11 00-0052	LF	#6, Grade 60, Columns, Steel Reinforcement Bar	.....	2.70	
		For Up To 100, Add	.....	1.87	
		For >100 To 200, Add	.....	1.00	
		For >200 To 500, Add	.....	0.40	
03 21 11 00-0053	LF	#7, Grade 60, Columns, Steel Reinforcement Bar	.....	3.49	
		For Up To 100, Add	.....	1.93	
		For >100 To 200, Add	.....	1.14	
		For >200 To 400, Add	.....	0.53	
03 21 11 00-0054	LF	#8, Grade 60, Columns, Steel Reinforcement Bar	.....	4.34	
		For Up To 100, Add	.....	2.45	
		For >100 To 200, Add	.....	1.43	
		For >200 To 400, Add	.....	0.67	
03 21 11 00-0055	LF	#9, Grade 60, Columns, Steel Reinforcement Bar	.....	5.32	
		For Up To 100, Add	.....	3.05	
		For >100 To 200, Add	.....	1.78	
		For >200 To 400, Add	.....	0.83	
03 21 11 00-0056	LF	#10, Grade 60, Columns, Steel Reinforcement Bar	.....	6.49	
		For Up To 100, Add	.....	3.08	
		For >100 To 200, Add	.....	1.67	
		For >200 To 300, Add	.....	0.84	
03 21 11 00-0057	LF	#11, Grade 60, Columns, Steel Reinforcement Bar	.....	7.70	
		For Up To 100, Add	.....	3.70	
		For >100 To 200, Add	.....	2.00	
		For >200 To 300, Add	.....	1.00	
03 21 11 00-0058	LF	#14, Grade 60, Columns, Steel Reinforcement Bar	.....	10.66	
		For Up To 100, Add	.....	5.20	
		For >100 To 200, Add	.....	2.80	
		For >200 To 300, Add	.....	1.40	
03 21 11 00-0059	LF	#18, Grade 60, Columns, Steel Reinforcement Bar	.....	18.16	
		For Up To 100, Add	.....	9.01	
		For >100 To 200, Add	.....	4.82	
		For >200 To 300, Add	.....	2.41	
03 21 11 00-0060	LF	#6, Grade 75, Columns, Steel Reinforcement Bar	.....	2.79	
		For Up To 100, Add	.....	1.96	
		For >100 To 200, Add	.....	1.05	
		For >200 To 500, Add	.....	0.42	
03 21 11 00-0061	LF	#7, Grade 75, Columns, Steel Reinforcement Bar	.....	3.61	
		For Up To 100, Add	.....	2.02	
		For >100 To 200, Add	.....	1.19	
		For >200 To 400, Add	.....	0.55	
03 21 11 00-0062	LF	#8, Grade 75, Columns, Steel Reinforcement Bar	.....	4.50	
		For Up To 100, Add	.....	2.57	
		For >100 To 200, Add	.....	1.50	
		For >200 To 400, Add	.....	0.70	
03 21 11 00-0063	LF	#9, Grade 75, Columns, Steel Reinforcement Bar	.....	5.52	
		For Up To 100, Add	.....	3.20	
		For >100 To 200, Add	.....	1.86	
		For >200 To 400, Add	.....	0.87	
03 21 11 00-0064	LF	#10, Grade 75, Columns, Steel Reinforcement Bar	.....	6.74	
		For Up To 100, Add	.....	3.23	
		For >100 To 200, Add	.....	1.75	
		For >200 To 300, Add	.....	0.87	
03 21 11 00-0065	LF	#11, Grade 75, Columns, Steel Reinforcement Bar	.....	8.01	
		For Up To 100, Add	.....	3.89	
		For >100 To 200, Add	.....	2.10	
		For >200 To 300, Add	.....	1.05	
03 21 11 00-0066	LF	#14, Grade 75, Columns, Steel Reinforcement Bar	.....	11.10	
		For Up To 100, Add	.....	5.47	
		For >100 To 200, Add	.....	2.93	
		For >200 To 300, Add	.....	1.47	
03 21 11 00-0067	LF	#18, Grade 75, Columns, Steel Reinforcement Bar	.....	18.95	
		For Up To 100, Add	.....	9.49	
		For >100 To 200, Add	.....	5.06	
		For >200 To 300, Add	.....	2.53	
03 21 11 00-0068	LF	#3, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	.....	0.78	
		For Up To 100, Add	.....	0.52	
		For >100 To 200, Add	.....	0.28	
		For >200 To 500, Add	.....	0.11	
03 21 11 00-0069	LF	#4, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	.....	1.34	
		For Up To 100, Add	.....	0.90	
		For >100 To 200, Add	.....	0.49	
		For >200 To 500, Add	.....	0.20	
03 21 11 00-0070	LF	#5, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	.....	2.00	
		For Up To 100, Add	.....	1.38	
		For >100 To 200, Add	.....	0.74	
		For >200 To 500, Add	.....	0.30	
03 21 11 00-0071	LF	#6, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	.....	2.77	
		For Up To 100, Add	.....	1.94	
		For >100 To 200, Add	.....	1.04	
		For >200 To 500, Add	.....	0.42	



		Concrete	03	3
		Concrete Reinforcing	03 20	
		Reinforcement Bars	03 21	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0072	LF	#7, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	.....	3.58	
		For Up To 100, Add	.....	2.00	
		For >100 To 200, Add	.....	1.18	
		For >200 To 400, Add	.....	0.55	
03 21 11 00-0073	LF	#8, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	.....	4.46	
		For Up To 100, Add	.....	2.54	
		For >100 To 200, Add	.....	1.48	
		For >200 To 400, Add	.....	0.69	
03 21 11 00-0074	LF	#9, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	.....	5.47	
		For Up To 100, Add	.....	3.16	
		For >100 To 200, Add	.....	1.84	
		For >200 To 400, Add	.....	0.86	
03 21 11 00-0075	LF	#10, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	.....	6.67	
		For Up To 100, Add	.....	3.18	
		For >100 To 200, Add	.....	1.73	
		For >200 To 300, Add	.....	0.86	
03 21 11 00-0076	LF	#11, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	.....	7.93	
		For Up To 100, Add	.....	3.84	
		For >100 To 200, Add	.....	2.07	
		For >200 To 300, Add	.....	1.04	
03 21 11 00-0077	LF	#14, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	.....	10.99	
		For Up To 100, Add	.....	5.40	
		For >100 To 200, Add	.....	2.90	
		For >200 To 300, Add	.....	1.45	
03 21 11 00-0078	LF	#18, Grade 60, Columns, Low Alloy Steel Reinforcement Bar	.....	18.75	
		For Up To 100, Add	.....	9.37	
		For >100 To 200, Add	.....	5.00	
		For >200 To 300, Add	.....	2.50	
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	.....	0.63	
		For Up To 100, Add	.....	0.43	
		For >100 To 200, Add	.....	0.23	
		For >200 To 500, Add	.....	0.09	
03 21 11 00-0081	LF	#4, Grade 40, Footings, Steel Reinforcement Bar	.....	1.08	
		For Up To 100, Add	.....	0.74	
		For >100 To 200, Add	.....	0.40	
		For >200 To 500, Add	.....	0.16	
03 21 11 00-0082	LF	#5, Grade 40, Footings, Steel Reinforcement Bar	.....	1.63	
		For Up To 100, Add	.....	1.14	
		For >100 To 200, Add	.....	0.61	
		For >200 To 500, Add	.....	0.24	
03 21 11 00-0083	LF	#6, Grade 40, Footings, Steel Reinforcement Bar	.....	2.25	
		For Up To 100, Add	.....	1.60	
		For >100 To 200, Add	.....	0.86	
		For >200 To 500, Add	.....	0.34	
03 21 11 00-0084	LF	#3, Grade 50, Footings, Steel Reinforcement Bar	.....	0.65	
		For Up To 100, Add	.....	0.45	
		For >100 To 200, Add	.....	0.24	
		For >200 To 500, Add	.....	0.10	
03 21 11 00-0085	LF	#4, Grade 50, Footings, Steel Reinforcement Bar	.....	1.10	
		For Up To 100, Add	.....	0.76	
		For >100 To 200, Add	.....	0.41	
		For >200 To 500, Add	.....	0.16	
03 21 11 00-0086	LF	#5, Grade 50, Footings, Steel Reinforcement Bar	.....	1.67	
		For Up To 100, Add	.....	1.18	
		For >100 To 200, Add	.....	0.63	
		For >200 To 500, Add	.....	0.25	
03 21 11 00-0087	LF	#6, Grade 50, Footings, Steel Reinforcement Bar	.....	2.30	
		For Up To 100, Add	.....	1.65	
		For >100 To 200, Add	.....	0.88	
		For >200 To 500, Add	.....	0.35	
03 21 11 00-0088	LF	#3, Grade 60, Footings, Steel Reinforcement Bar	.....	0.67	
		For Up To 100, Add	.....	0.47	
		For >100 To 200, Add	.....	0.25	
		For >200 To 500, Add	.....	0.10	
03 21 11 00-0089	LF	#4, Grade 60, Footings, Steel Reinforcement Bar	.....	1.14	
		For Up To 100, Add	.....	0.80	
		For >100 To 200, Add	.....	0.43	
		For >200 To 500, Add	.....	0.17	
03 21 11 00-0090	LF	#5, Grade 60, Footings, Steel Reinforcement Bar	.....	1.73	
		For Up To 100, Add	.....	1.24	
		For >100 To 200, Add	.....	0.66	
		For >200 To 500, Add	.....	0.26	
03 21 11 00-0091	LF	#6, Grade 60, Footings, Steel Reinforcement Bar	.....	2.39	
		For Up To 100, Add	.....	1.74	
		For >100 To 200, Add	.....	0.93	
		For >200 To 500, Add	.....	0.37	
03 21 11 00-0092	LF	#7, Grade 60, Footings, Steel Reinforcement Bar	.....	3.11	
		For Up To 100, Add	.....	1.80	
		For >100 To 200, Add	.....	1.04	
		For >200 To 400, Add	.....	0.49	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0093	LF	#8, Grade 60, Footings, Steel Reinforcement Bar	.....	3.89	
		For Up To 100, Add	.....	2.29	
		For >100 To 200, Add	.....	1.32	
		For >200 To 400, Add	.....	0.62	
03 21 11 00-0094	LF	#9, Grade 60, Footings, Steel Reinforcement Bar	.....	4.79	
		For Up To 100, Add	.....	2.86	
		For >100 To 200, Add	.....	1.64	
		For >200 To 400, Add	.....	0.78	
03 21 11 00-0095	LF	#10, Grade 60, Footings, Steel Reinforcement Bar	.....	5.87	
		For Up To 100, Add	.....	3.56	
		For >100 To 200, Add	.....	2.03	
		For >200 To 400, Add	.....	0.96	
		For Up To 100, Add	.....	2.89	
		For >100 To 200, Add	.....	1.55	
		For >200 To 300, Add	.....	0.78	
03 21 11 00-0096	LF	#11, Grade 60, Footings, Steel Reinforcement Bar	.....	7.01	
		For Up To 100, Add	.....	4.31	
		For >100 To 200, Add	.....	2.45	
		For >200 To 400, Add	.....	1.17	
		For Up To 100, Add	.....	3.50	
		For >100 To 200, Add	.....	1.87	
		For >200 To 300, Add	.....	0.93	
03 21 11 00-0097	LF	#14, Grade 60, Footings, Steel Reinforcement Bar	.....	9.75	
		For Up To 100, Add	.....	6.08	
		For >100 To 200, Add	.....	3.44	
		For >200 To 400, Add	.....	1.64	
		For Up To 100, Add	.....	4.93	
		For >100 To 200, Add	.....	2.62	
		For >200 To 300, Add	.....	1.31	
03 21 11 00-0098	LF	#18, Grade 60, Footings, Steel Reinforcement Bar	.....	16.73	
		For Up To 100, Add	.....	10.61	
		For >100 To 200, Add	.....	5.96	
		For >200 To 400, Add	.....	2.86	
		For Up To 100, Add	.....	8.58	
		For >100 To 200, Add	.....	4.53	
		For >200 To 300, Add	.....	2.27	
03 21 11 00-0099	LF	#6, Grade 75, Footings, Steel Reinforcement Bar	.....	2.48	
		For Up To 100, Add	.....	1.83	
		For >100 To 200, Add	.....	0.97	
		For >200 To 500, Add	.....	0.39	
		For Up To 100, Add	.....	1.43	
		For >100 To 200, Add	.....	0.83	
		For >200 To 400, Add	.....	0.39	
03 21 11 00-0100	LF	#7, Grade 75, Footings, Steel Reinforcement Bar	.....	3.23	
		For Up To 100, Add	.....	1.89	
		For >100 To 200, Add	.....	1.09	
		For >200 To 400, Add	.....	0.51	
03 21 11 00-0101	LF	#8, Grade 75, Footings, Steel Reinforcement Bar	.....	4.05	
		For Up To 100, Add	.....	2.41	
		For >100 To 200, Add	.....	1.39	
		For >200 To 400, Add	.....	0.65	
03 21 11 00-0102	LF	#9, Grade 75, Footings, Steel Reinforcement Bar	.....	4.99	
		For Up To 100, Add	.....	3.01	
		For >100 To 200, Add	.....	1.72	
		For >200 To 400, Add	.....	0.82	
03 21 11 00-0103	LF	#10, Grade 75, Footings, Steel Reinforcement Bar	.....	6.12	
		For Up To 100, Add	.....	3.04	
		For >100 To 200, Add	.....	1.63	
		For >200 To 300, Add	.....	0.81	
03 21 11 00-0104	LF	#11, Grade 75, Footings, Steel Reinforcement Bar	.....	7.32	
		For Up To 100, Add	.....	3.68	
		For >100 To 200, Add	.....	1.96	
		For >200 To 300, Add	.....	0.98	
03 21 11 00-0105	LF	#14, Grade 75, Footings, Steel Reinforcement Bar	.....	10.19	
		For Up To 100, Add	.....	5.19	
		For >100 To 200, Add	.....	2.75	
		For >200 To 300, Add	.....	1.38	
03 21 11 00-0106	LF	#18, Grade 75, Footings, Steel Reinforcement Bar	.....	17.52	
		For Up To 100, Add	.....	9.06	
		For >100 To 200, Add	.....	4.77	
		For >200 To 300, Add	.....	2.39	
03 21 11 00-0107	LF	#3, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	.....	0.68	
		For Up To 100, Add	.....	0.48	
		For >100 To 200, Add	.....	0.26	
		For >200 To 500, Add	.....	0.10	
03 21 11 00-0108	LF	#4, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	.....	1.17	
		For Up To 100, Add	.....	0.83	
		For >100 To 200, Add	.....	0.45	
		For >200 To 500, Add	.....	0.18	
03 21 11 00-0109	LF	#5, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	.....	1.78	
		For Up To 100, Add	.....	1.29	
		For >100 To 200, Add	.....	0.69	
		For >200 To 500, Add	.....	0.27	
03 21 11 00-0110	LF	#6, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	.....	2.46	
		For Up To 100, Add	.....	1.81	
		For >100 To 200, Add	.....	0.96	
		For >200 To 500, Add	.....	0.38	



		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 00-0111	LF	#7, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	.....	3.20	
		For Up To 100, Add	.....	1.67	
		For >100 To 200, Add	.....	1.08	
		For >200 To 400, Add	.....	0.51	
03 21 11 00-0112	LF	#8, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	.....	4.01	
		For Up To 100, Add	.....	2.38	
		For >100 To 200, Add	.....	1.37	
		For >200 To 400, Add	.....	0.65	
03 21 11 00-0113	LF	#9, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	.....	4.94	
		For Up To 100, Add	.....	2.98	
		For >100 To 200, Add	.....	1.70	
		For >200 To 400, Add	.....	0.81	
03 21 11 00-0114	LF	#10, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	.....	6.05	
		For Up To 100, Add	.....	3.00	
		For >100 To 200, Add	.....	1.60	
		For >200 To 300, Add	.....	0.80	
03 21 11 00-0115	LF	#11, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	.....	7.24	
		For Up To 100, Add	.....	3.63	
		For >100 To 200, Add	.....	1.94	
		For >200 To 300, Add	.....	0.97	
03 21 11 00-0116	LF	#14, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	.....	10.08	
		For Up To 100, Add	.....	5.13	
		For >100 To 200, Add	.....	2.72	
		For >200 To 300, Add	.....	1.36	
03 21 11 00-0117	LF	#18, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	.....	17.32	
		For Up To 100, Add	.....	8.94	
		For >100 To 200, Add	.....	4.71	
		For >200 To 300, Add	.....	2.36	
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	.....	0.61	
		For Up To 100, Add	.....	0.42	
		For >100 To 200, Add	.....	0.23	
		For >200 To 500, Add	.....	0.09	
03 21 11 00-0120	LF	#4, Grade 40, Slab On Grade, Steel Reinforcement Bar	.....	1.05	
		For Up To 100, Add	.....	0.73	
		For >100 To 200, Add	.....	0.39	
		For >200 To 500, Add	.....	0.16	
03 21 11 00-0121	LF	#5, Grade 40, Slab On Grade, Steel Reinforcement Bar	.....	1.57	
		For Up To 100, Add	.....	1.11	
		For >100 To 200, Add	.....	0.60	
		For >200 To 500, Add	.....	0.24	
03 21 11 00-0122	LF	#6, Grade 40, Slab On Grade, Steel Reinforcement Bar	.....	2.17	
		For Up To 100, Add	.....	1.57	
		For >100 To 200, Add	.....	0.84	
		For >200 To 500, Add	.....	0.33	
03 21 11 00-0123	LF	#3, Grade 50, Slab On Grade, Steel Reinforcement Bar	.....	0.63	
		For Up To 100, Add	.....	0.44	
		For >100 To 200, Add	.....	0.24	
		For >200 To 500, Add	.....	0.09	
03 21 11 00-0124	LF	#4, Grade 50, Slab On Grade, Steel Reinforcement Bar	.....	1.07	
		For Up To 100, Add	.....	0.75	
		For >100 To 200, Add	.....	0.40	
		For >200 To 500, Add	.....	0.16	
03 21 11 00-0125	LF	#5, Grade 50, Slab On Grade, Steel Reinforcement Bar	.....	1.61	
		For Up To 100, Add	.....	1.15	
		For >100 To 200, Add	.....	0.62	
		For >200 To 500, Add	.....	0.25	
03 21 11 00-0126	LF	#6, Grade 50, Slab On Grade, Steel Reinforcement Bar	.....	2.22	
		For Up To 100, Add	.....	1.62	
		For >100 To 200, Add	.....	0.86	
		For >200 To 500, Add	.....	0.34	
03 21 11 00-0127	LF	#3, Grade 60, Slab On Grade, Steel Reinforcement Bar	.....	0.65	
		For Up To 100, Add	.....	0.46	
		For >100 To 200, Add	.....	0.25	
		For >200 To 500, Add	.....	0.10	
03 21 11 00-0128	LF	#4, Grade 60, Slab On Grade, Steel Reinforcement Bar	.....	1.11	
		For Up To 100, Add	.....	0.79	
		For >100 To 200, Add	.....	0.42	
		For >200 To 500, Add	.....	0.17	
03 21 11 00-0129	LF	#5, Grade 60, Slab On Grade, Steel Reinforcement Bar	.....	1.67	
		For Up To 100, Add	.....	1.21	
		For >100 To 200, Add	.....	0.65	
		For >200 To 500, Add	.....	0.26	
03 21 11 00-0130	LF	#6, Grade 60, Slab On Grade, Steel Reinforcement Bar	.....	2.31	
		For Up To 100, Add	.....	1.71	
		For >100 To 200, Add	.....	0.91	
		For >200 To 500, Add	.....	0.36	
03 21 11 00-0131	LF	#7, Grade 60, Slab On Grade, Steel Reinforcement Bar	.....	3.03	
		For Up To 100, Add	.....	1.77	
		For >100 To 200, Add	.....	1.02	
		For >200 To 400, Add	.....	0.48	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0132	LF	#8, Grade 60, Slab On Grade, Steel Reinforcement Bar	.....	3.79	
		For Up To 100, Add	.....	2.26	
		For >100 To 200, Add	.....	1.30	
		For >200 To 400, Add	.....	0.61	
03 21 11 00-0133	LF	#9, Grade 60, Slab On Grade, Steel Reinforcement Bar	.....	4.68	
		For Up To 100, Add	.....	2.83	
		For >100 To 200, Add	.....	1.62	
		For >200 To 400, Add	.....	0.77	
03 21 11 00-0134	LF	#10, Grade 60, Slab On Grade, Steel Reinforcement Bar	.....	5.74	
		For Up To 100, Add	.....	2.85	
		For >100 To 200, Add	.....	1.52	
		For >200 To 300, Add	.....	0.76	
03 21 11 00-0135	LF	#11, Grade 60, Slab On Grade, Steel Reinforcement Bar	.....	6.88	
		For Up To 100, Add	.....	3.46	
		For >100 To 200, Add	.....	1.84	
		For >200 To 300, Add	.....	0.92	
03 21 11 00-0136	LF	#14, Grade 60, Slab On Grade, Steel Reinforcement Bar	.....	9.56	
		For Up To 100, Add	.....	4.87	
		For >100 To 200, Add	.....	2.58	
		For >200 To 300, Add	.....	1.29	
03 21 11 00-0137	LF	#18, Grade 60, Slab On Grade, Steel Reinforcement Bar	.....	16.45	
		For Up To 100, Add	.....	8.50	
		For >100 To 200, Add	.....	4.48	
		For >200 To 300, Add	.....	2.24	
03 21 11 00-0138	LF	#6, Grade 75, Slab On Grade, Steel Reinforcement Bar	.....	2.40	
		For Up To 100, Add	.....	1.80	
		For >100 To 200, Add	.....	0.95	
		For >200 To 500, Add	.....	0.38	
03 21 11 00-0139	LF	#7, Grade 75, Slab On Grade, Steel Reinforcement Bar	.....	3.15	
		For Up To 100, Add	.....	1.86	
		For >100 To 200, Add	.....	1.07	
		For >200 To 400, Add	.....	0.51	
03 21 11 00-0140	LF	#8, Grade 75, Slab On Grade, Steel Reinforcement Bar	.....	3.95	
		For Up To 100, Add	.....	2.38	
		For >100 To 200, Add	.....	1.36	
		For >200 To 400, Add	.....	0.64	
03 21 11 00-0141	LF	#9, Grade 75, Slab On Grade, Steel Reinforcement Bar	.....	4.88	
		For Up To 100, Add	.....	2.98	
		For >100 To 200, Add	.....	1.70	
		For >200 To 400, Add	.....	0.81	
03 21 11 00-0142	LF	#10, Grade 75, Slab On Grade, Steel Reinforcement Bar	.....	5.99	
		For Up To 100, Add	.....	3.00	
		For >100 To 200, Add	.....	1.60	
		For >200 To 300, Add	.....	0.80	
03 21 11 00-0143	LF	#11, Grade 75, Slab On Grade, Steel Reinforcement Bar	.....	7.19	
		For Up To 100, Add	.....	3.64	
		For >100 To 200, Add	.....	1.93	
		For >200 To 300, Add	.....	0.97	
03 21 11 00-0144	LF	#14, Grade 75, Slab On Grade, Steel Reinforcement Bar	.....	10.00	
		For Up To 100, Add	.....	5.14	
		For >100 To 200, Add	.....	2.71	
		For >200 To 300, Add	.....	1.36	
03 21 11 00-0145	LF	#18, Grade 75, Slab On Grade, Steel Reinforcement Bar	.....	17.24	
		For Up To 100, Add	.....	8.97	
		For >100 To 200, Add	.....	4.72	
		For >200 To 300, Add	.....	2.36	
03 21 11 00-0146	LF	#3, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	.....	0.66	
		For Up To 100, Add	.....	0.47	
		For >100 To 200, Add	.....	0.25	
		For >200 To 500, Add	.....	0.10	
03 21 11 00-0147	LF	#4, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	.....	1.14	
		For Up To 100, Add	.....	0.82	
		For >100 To 200, Add	.....	0.44	
		For >200 To 500, Add	.....	0.18	
03 21 11 00-0148	LF	#5, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	.....	1.72	
		For Up To 100, Add	.....	1.26	
		For >100 To 200, Add	.....	0.67	
		For >200 To 500, Add	.....	0.27	
03 21 11 00-0149	LF	#6, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	.....	2.38	
		For Up To 100, Add	.....	1.78	
		For >100 To 200, Add	.....	0.94	
		For >200 To 500, Add	.....	0.38	
03 21 11 00-0150	LF	#7, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	.....	3.12	
		For Up To 100, Add	.....	1.84	
		For >100 To 200, Add	.....	1.06	
		For >200 To 400, Add	.....	0.50	
03 21 11 00-0151	LF	#8, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	.....	3.91	
		For Up To 100, Add	.....	2.35	
		For >100 To 200, Add	.....	1.35	
		For >200 To 400, Add	.....	0.64	
03 21 11 00-0152	LF	#9, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	.....	4.83	
		For Up To 100, Add	.....	2.94	
		For >100 To 200, Add	.....	1.68	
		For >200 To 400, Add	.....	0.80	



		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 00-0153	LF	#10, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	.....	5.92	
		For Up To 100, Add	.....	2.96	
		For >100 To 200, Add	.....	1.58	
		For >200 To 300, Add	.....	0.79	
03 21 11 00-0154	LF	#11, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	.....	7.11	
		For Up To 100, Add	.....	3.59	
		For >100 To 200, Add	.....	1.91	
		For >200 To 300, Add	.....	0.95	
03 21 11 00-0155	LF	#14, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	.....	9.89	
		For Up To 100, Add	.....	5.07	
		For >100 To 200, Add	.....	2.68	
		For >200 To 300, Add	.....	1.34	
03 21 11 00-0156	LF	#18, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	.....	17.04	
		For Up To 100, Add	.....	8.85	
		For >100 To 200, Add	.....	4.66	
		For >200 To 300, Add	.....	2.33	
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	.....	0.57	
		For Up To 100, Add	.....	0.40	
		For >100 To 200, Add	.....	0.22	
		For >200 To 500, Add	.....	0.09	
03 21 11 00-0159	LF	#4, Grade 40, Elevated Slabs, Steel Reinforcement Bar	.....	0.98	
		For Up To 100, Add	.....	0.70	
		For >100 To 200, Add	.....	0.38	
		For >200 To 500, Add	.....	0.15	
03 21 11 00-0160	LF	#5, Grade 40, Elevated Slabs, Steel Reinforcement Bar	.....	1.48	
		For Up To 100, Add	.....	1.08	
		For >100 To 200, Add	.....	0.57	
		For >200 To 500, Add	.....	0.23	
03 21 11 00-0161	LF	#6, Grade 40, Elevated Slabs, Steel Reinforcement Bar	.....	2.05	
		For Up To 100, Add	.....	1.52	
		For >100 To 200, Add	.....	0.81	
		For >200 To 500, Add	.....	0.32	
03 21 11 00-0162	LF	#3, Grade 50, Elevated Slabs, Steel Reinforcement Bar	.....	0.59	
		For Up To 100, Add	.....	0.42	
		For >100 To 200, Add	.....	0.23	
		For >200 To 500, Add	.....	0.09	
03 21 11 00-0163	LF	#4, Grade 50, Elevated Slabs, Steel Reinforcement Bar	.....	1.00	
		For Up To 100, Add	.....	0.72	
		For >100 To 200, Add	.....	0.39	
		For >200 To 500, Add	.....	0.15	
03 21 11 00-0164	LF	#5, Grade 50, Elevated Slabs, Steel Reinforcement Bar	.....	1.52	
		For Up To 100, Add	.....	1.12	
		For >100 To 200, Add	.....	0.59	
		For >200 To 500, Add	.....	0.24	
03 21 11 00-0165	LF	#6, Grade 50, Elevated Slabs, Steel Reinforcement Bar	.....	2.10	
		For Up To 100, Add	.....	1.57	
		For >100 To 200, Add	.....	0.83	
		For >200 To 500, Add	.....	0.33	
03 21 11 00-0166	LF	#3, Grade 60, Elevated Slabs, Steel Reinforcement Bar	.....	0.61	
		For Up To 100, Add	.....	0.44	
		For >100 To 200, Add	.....	0.24	
		For >200 To 500, Add	.....	0.09	
03 21 11 00-0167	LF	#4, Grade 60, Elevated Slabs, Steel Reinforcement Bar	.....	1.04	
		For Up To 100, Add	.....	0.76	
		For >100 To 200, Add	.....	0.41	
		For >200 To 500, Add	.....	0.16	
03 21 11 00-0168	LF	#5, Grade 60, Elevated Slabs, Steel Reinforcement Bar	.....	1.58	
		For Up To 100, Add	.....	1.18	
		For >100 To 200, Add	.....	0.62	
		For >200 To 500, Add	.....	0.25	
03 21 11 00-0169	LF	#6, Grade 60, Elevated Slabs, Steel Reinforcement Bar	.....	2.19	
		For Up To 100, Add	.....	1.66	
		For >100 To 200, Add	.....	0.88	
		For >200 To 500, Add	.....	0.35	
03 21 11 00-0170	LF	#7, Grade 60, Elevated Slabs, Steel Reinforcement Bar	.....	2.88	
		For Up To 100, Add	.....	1.72	
		For >100 To 200, Add	.....	0.99	
		For >200 To 400, Add	.....	0.47	
03 21 11 00-0171	LF	#8, Grade 60, Elevated Slabs, Steel Reinforcement Bar	.....	3.60	
		For Up To 100, Add	.....	2.19	
		For >100 To 200, Add	.....	1.25	
		For >200 To 400, Add	.....	0.59	
03 21 11 00-0172	LF	#9, Grade 60, Elevated Slabs, Steel Reinforcement Bar	.....	4.47	
		For Up To 100, Add	.....	2.75	
		For >100 To 200, Add	.....	1.56	
		For >200 To 400, Add	.....	0.74	
03 21 11 00-0173	LF	#10, Grade 60, Elevated Slabs, Steel Reinforcement Bar	.....	5.50	
		For Up To 100, Add	.....	2.78	
		For >100 To 200, Add	.....	1.48	
		For >200 To 300, Add	.....	0.74	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0174	LF	#11, Grade 60, Elevated Slabs, Steel Reinforcement Bar	.....	6.59	
		For Up To 100, Add	.....	3.37	
		For >100 To 200, Add	.....	1.78	
		For >200 To 300, Add	.....	0.89	
03 21 11 00-0175	LF	#14, Grade 60, Elevated Slabs, Steel Reinforcement Bar	.....	9.21	
		For Up To 100, Add	.....	4.77	
		For >100 To 200, Add	.....	2.51	
		For >200 To 300, Add	.....	1.26	
03 21 11 00-0176	LF	#18, Grade 60, Elevated Slabs, Steel Reinforcement Bar	.....	15.88	
		For Up To 100, Add	.....	8.33	
		For >100 To 200, Add	.....	4.36	
		For >200 To 300, Add	.....	2.18	
03 21 11 00-0177	LF	#6, Grade 75, Elevated Slabs, Steel Reinforcement Bar	.....	2.28	
		For Up To 100, Add	.....	1.75	
		For >100 To 200, Add	.....	0.92	
		For >200 To 500, Add	.....	0.37	
03 21 11 00-0178	LF	#7, Grade 75, Elevated Slabs, Steel Reinforcement Bar	.....	3.00	
		For Up To 100, Add	.....	1.81	
		For >100 To 200, Add	.....	1.04	
		For >200 To 400, Add	.....	0.49	
03 21 11 00-0179	LF	#8, Grade 75, Elevated Slabs, Steel Reinforcement Bar	.....	3.76	
		For Up To 100, Add	.....	2.31	
		For >100 To 200, Add	.....	1.31	
		For >200 To 400, Add	.....	0.63	
03 21 11 00-0180	LF	#9, Grade 75, Elevated Slabs, Steel Reinforcement Bar	.....	4.67	
		For Up To 100, Add	.....	2.90	
		For >100 To 200, Add	.....	1.64	
		For >200 To 400, Add	.....	0.78	
03 21 11 00-0181	LF	#10, Grade 75, Elevated Slabs, Steel Reinforcement Bar	.....	5.75	
		For Up To 100, Add	.....	2.93	
		For >100 To 200, Add	.....	1.55	
		For >200 To 300, Add	.....	0.78	
03 21 11 00-0182	LF	#11, Grade 75, Elevated Slabs, Steel Reinforcement Bar	.....	6.90	
		For Up To 100, Add	.....	3.56	
		For >100 To 200, Add	.....	1.88	
		For >200 To 300, Add	.....	0.94	
03 21 11 00-0183	LF	#14, Grade 75, Elevated Slabs, Steel Reinforcement Bar	.....	9.65	
		For Up To 100, Add	.....	5.03	
		For >100 To 200, Add	.....	2.64	
		For >200 To 300, Add	.....	1.32	
03 21 11 00-0184	LF	#18, Grade 75, Elevated Slabs, Steel Reinforcement Bar	.....	16.67	
		For Up To 100, Add	.....	8.80	
		For >100 To 200, Add	.....	4.60	
		For >200 To 300, Add	.....	2.30	
03 21 11 00-0185	LF	#3, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	.....	0.62	
		For Up To 100, Add	.....	0.45	
		For >100 To 200, Add	.....	0.24	
		For >200 To 500, Add	.....	0.10	
03 21 11 00-0186	LF	#4, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	.....	1.07	
		For Up To 100, Add	.....	0.79	
		For >100 To 200, Add	.....	0.42	
		For >200 To 500, Add	.....	0.17	
03 21 11 00-0187	LF	#5, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	.....	1.63	
		For Up To 100, Add	.....	1.23	
		For >100 To 200, Add	.....	0.65	
		For >200 To 500, Add	.....	0.26	
03 21 11 00-0188	LF	#6, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	.....	2.26	
		For Up To 100, Add	.....	1.73	
		For >100 To 200, Add	.....	0.91	
		For >200 To 500, Add	.....	0.36	
03 21 11 00-0189	LF	#7, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	.....	2.97	
		For Up To 100, Add	.....	1.79	
		For >100 To 200, Add	.....	1.02	
		For >200 To 400, Add	.....	0.48	
03 21 11 00-0190	LF	#8, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	.....	3.72	
		For Up To 100, Add	.....	2.28	
		For >100 To 200, Add	.....	1.30	
		For >200 To 400, Add	.....	0.62	
03 21 11 00-0191	LF	#9, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	.....	4.62	
		For Up To 100, Add	.....	2.87	
		For >100 To 200, Add	.....	1.62	
		For >200 To 400, Add	.....	0.77	
03 21 11 00-0192	LF	#10, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	.....	5.68	
		For Up To 100, Add	.....	2.89	
		For >100 To 200, Add	.....	1.53	
		For >200 To 300, Add	.....	0.77	
03 21 11 00-0193	LF	#11, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	.....	6.82	
		For Up To 100, Add	.....	3.51	
		For >100 To 200, Add	.....	1.85	
		For >200 To 300, Add	.....	0.93	
03 21 11 00-0194	LF	#14, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	.....	9.54	
		For Up To 100, Add	.....	4.97	
		For >100 To 200, Add	.....	2.61	
		For >200 To 300, Add	.....	1.30	



		Concrete	03	3
		Concrete Reinforcing	03 20	
		Reinforcement Bars	03 21	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0195	LF	#18, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	.....	16.47	
		For Up To 100, Add		8.68	
		For >100 To 200, Add		4.54	
		For >200 To 300, Add		2.27	
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	.....	0.55	
		For Up To 100, Add		0.39	
		For >100 To 200, Add		0.21	
		For >200 To 500, Add		0.08	
03 21 11 00-0198	LF	#4, Grade 40, Walls, Steel Reinforcement Bar	.....	0.95	
		For Up To 100, Add		0.89	
		For >100 To 200, Add		0.37	
		For >200 To 500, Add		0.15	
03 21 11 00-0199	LF	#5, Grade 40, Walls, Steel Reinforcement Bar	.....	1.43	
		For Up To 100, Add		1.06	
		For >100 To 200, Add		0.56	
		For >200 To 500, Add		0.22	
03 21 11 00-0200	LF	#6, Grade 40, Walls, Steel Reinforcement Bar	.....	1.99	
		For Up To 100, Add		1.50	
		For >100 To 200, Add		0.79	
		For >200 To 500, Add		0.32	
03 21 11 00-0201	LF	#3, Grade 50, Walls, Steel Reinforcement Bar	.....	0.57	
		For Up To 100, Add		0.41	
		For >100 To 200, Add		0.22	
		For >200 To 500, Add		0.09	
03 21 11 00-0202	LF	#4, Grade 50, Walls, Steel Reinforcement Bar	.....	0.97	
		For Up To 100, Add		0.71	
		For >100 To 200, Add		0.38	
		For >200 To 500, Add		0.15	
03 21 11 00-0203	LF	#5, Grade 50, Walls, Steel Reinforcement Bar	.....	1.47	
		For Up To 100, Add		1.10	
		For >100 To 200, Add		0.58	
		For >200 To 500, Add		0.23	
03 21 11 00-0204	LF	#6, Grade 50, Walls, Steel Reinforcement Bar	.....	2.04	
		For Up To 100, Add		1.55	
		For >100 To 200, Add		0.82	
		For >200 To 500, Add		0.33	
03 21 11 00-0205	LF	#3, Grade 60, Walls, Steel Reinforcement Bar	.....	0.59	
		For Up To 100, Add		0.43	
		For >100 To 200, Add		0.23	
		For >200 To 500, Add		0.09	
03 21 11 00-0206	LF	#4, Grade 60, Walls, Steel Reinforcement Bar	.....	1.01	
		For Up To 100, Add		0.75	
		For >100 To 200, Add		0.40	
		For >200 To 500, Add		0.16	
03 21 11 00-0207	LF	#5, Grade 60, Walls, Steel Reinforcement Bar	.....	1.53	
		For Up To 100, Add		1.16	
		For >100 To 200, Add		0.61	
		For >200 To 500, Add		0.24	
03 21 11 00-0208	LF	#6, Grade 60, Walls, Steel Reinforcement Bar	.....	2.13	
		For Up To 100, Add		1.64	
		For >100 To 200, Add		0.86	
		For >200 To 500, Add		0.34	
03 21 11 00-0209	LF	#7, Grade 60, Walls, Steel Reinforcement Bar	.....	2.78	
		For Up To 100, Add		1.69	
		For >100 To 200, Add		0.96	
		For >200 To 400, Add		0.46	
03 21 11 00-0210	LF	#8, Grade 60, Walls, Steel Reinforcement Bar	.....	3.52	
		For Up To 100, Add		2.16	
		For >100 To 200, Add		1.23	
		For >200 To 400, Add		0.59	
03 21 11 00-0211	LF	#9, Grade 60, Walls, Steel Reinforcement Bar	.....	4.37	
		For Up To 100, Add		2.72	
		For >100 To 200, Add		1.54	
		For >200 To 400, Add		0.73	
03 21 11 00-0212	LF	#10, Grade 60, Walls, Steel Reinforcement Bar	.....	5.38	
		For Up To 100, Add		2.74	
		For >100 To 200, Add		1.45	
		For >200 To 300, Add		0.73	
03 21 11 00-0213	LF	#11, Grade 60, Walls, Steel Reinforcement Bar	.....	6.46	
		For Up To 100, Add		3.33	
		For >100 To 200, Add		1.76	
		For >200 To 300, Add		0.88	
03 21 11 00-0214	LF	#14, Grade 60, Walls, Steel Reinforcement Bar	.....	9.03	
		For Up To 100, Add		4.71	
		For >100 To 200, Add		2.47	
		For >200 To 300, Add		1.24	
03 21 11 00-0215	LF	#18, Grade 60, Walls, Steel Reinforcement Bar	.....	15.60	
		For Up To 100, Add		8.24	
		For >100 To 200, Add		4.31	
		For >200 To 300, Add		2.15	

03 Concrete**03 20 Concrete Reinforcing****03 21 Reinforcement Bars**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0216	LF	#6, Grade 75, Walls, Steel Reinforcement Bar	.....	2.22	
		For Up To 100, Add	.....	1.73	
		For >100 To 200, Add	.....	0.91	
		For >200 To 500, Add	.....	0.36	
03 21 11 00-0217	LF	#7, Grade 75, Walls, Steel Reinforcement Bar	.....	2.90	
		For Up To 100, Add	.....	1.78	
		For >100 To 200, Add	.....	1.01	
		For >200 To 400, Add	.....	0.48	
03 21 11 00-0218	LF	#8, Grade 75, Walls, Steel Reinforcement Bar	.....	3.68	
		For Up To 100, Add	.....	2.28	
		For >100 To 200, Add	.....	1.29	
		For >200 To 400, Add	.....	0.62	
03 21 11 00-0219	LF	#9, Grade 75, Walls, Steel Reinforcement Bar	.....	4.57	
		For Up To 100, Add	.....	2.87	
		For >100 To 200, Add	.....	1.62	
		For >200 To 400, Add	.....	0.77	
03 21 11 00-0220	LF	#10, Grade 75, Walls, Steel Reinforcement Bar	.....	5.63	
		For Up To 100, Add	.....	2.89	
		For >100 To 200, Add	.....	1.53	
		For >200 To 300, Add	.....	0.76	
03 21 11 00-0221	LF	#11, Grade 75, Walls, Steel Reinforcement Bar	.....	6.77	
		For Up To 100, Add	.....	3.52	
		For >100 To 200, Add	.....	1.85	
		For >200 To 300, Add	.....	0.92	
03 21 11 00-0222	LF	#14, Grade 75, Walls, Steel Reinforcement Bar	.....	9.47	
		For Up To 100, Add	.....	4.98	
		For >100 To 200, Add	.....	2.61	
		For >200 To 300, Add	.....	1.30	
03 21 11 00-0223	LF	#18, Grade 75, Walls, Steel Reinforcement Bar	.....	16.39	
		For Up To 100, Add	.....	8.72	
		For >100 To 200, Add	.....	4.55	
		For >200 To 300, Add	.....	2.27	
03 21 11 00-0224	LF	#3, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	.....	0.60	
		For Up To 100, Add	.....	0.44	
		For >100 To 200, Add	.....	0.24	
		For >200 To 500, Add	.....	0.09	
03 21 11 00-0225	LF	#4, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	.....	1.04	
		For Up To 100, Add	.....	0.78	
		For >100 To 200, Add	.....	0.41	
		For >200 To 500, Add	.....	0.17	
03 21 11 00-0226	LF	#5, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	.....	1.58	
		For Up To 100, Add	.....	1.21	
		For >100 To 200, Add	.....	0.64	
		For >200 To 500, Add	.....	0.25	
03 21 11 00-0227	LF	#6, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	.....	2.20	
		For Up To 100, Add	.....	1.71	
		For >100 To 200, Add	.....	0.90	
		For >200 To 500, Add	.....	0.36	
03 21 11 00-0228	LF	#7, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	.....	2.87	
		For Up To 100, Add	.....	1.75	
		For >100 To 200, Add	.....	1.00	
		For >200 To 400, Add	.....	0.47	
03 21 11 00-0229	LF	#8, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	.....	3.64	
		For Up To 100, Add	.....	2.25	
		For >100 To 200, Add	.....	1.28	
		For >200 To 400, Add	.....	0.61	
03 21 11 00-0230	LF	#9, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	.....	4.52	
		For Up To 100, Add	.....	2.83	
		For >100 To 200, Add	.....	1.60	
		For >200 To 400, Add	.....	0.76	
03 21 11 00-0231	LF	#10, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	.....	5.56	
		For Up To 100, Add	.....	2.85	
		For >100 To 200, Add	.....	1.51	
		For >200 To 300, Add	.....	0.75	
03 21 11 00-0232	LF	#11, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	.....	6.69	
		For Up To 100, Add	.....	3.47	
		For >100 To 200, Add	.....	1.83	
		For >200 To 300, Add	.....	0.91	
03 21 11 00-0233	LF	#14, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	.....	9.36	
		For Up To 100, Add	.....	4.91	
		For >100 To 200, Add	.....	2.57	
		For >200 To 300, Add	.....	1.29	
03 21 11 00-0234	LF	#18, Grade 60, Walls, Low Alloy Steel Reinforcement Bar	.....	16.19	
		For Up To 100, Add	.....	8.60	
		For >100 To 200, Add	.....	4.49	
		For >200 To 300, Add	.....	2.24	

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 234.48

03 21 11 00-0238 Screwed Type Mechanical Joint Connection (03 21 11 00-0235)



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 00-0239	EA	Screwed Type Mechanical Joint Connection, Add Per Splice	128.08	
03 21 11 00-0240 Deformed Straight Dowels (03 21 11)				
Note: Excludes drilling. See CSI section 02 41 19 13-0279 for drilling in concrete.				
03 21 11 00-0241	EA	3/8" Diameter x 24" Long, Deformed Straight Dowel	2.75	
		For Up To 12" Length, Deduct	-0.34	
		For >12" To <24" Length, Deduct	-0.17	
03 21 11 00-0242	EA	1/2" Diameter x 24" Long, Deformed Straight Dowel	3.29	
		For Up To 12" Length, Deduct	-0.45	
		For >12" To <24" Length, Deduct	-0.22	
03 21 11 00-0243	EA	5/8" Diameter x 24" Long, Deformed Straight Dowel	4.05	
		For Up To 12" Length, Deduct	-0.70	
		For >12" To <24" Length, Deduct	-0.35	
03 21 11 00-0244	EA	3/4" Diameter x 24" Long, Deformed Straight Dowel	4.95	
		For Up To 12" Length, Deduct	-1.02	
		For >12" To <24" Length, Deduct	-0.51	
03 21 11 00-0245	EA	7/8" Diameter x 24" Long, Deformed Straight Dowel	5.89	
		For Up To 12" Length, Deduct	-1.42	
		For >12" To <24" Length, Deduct	-0.71	
03 21 11 00-0246	EA	1" Diameter x 24" Long, Deformed Straight Dowel	7.43	
		For Up To 12" Length, Deduct	-1.82	
		For >12" To <24" Length, Deduct	-0.91	
03 21 11 00-0247	EA	1-1/8" Diameter x 24" Long, Deformed Straight Dowel	8.78	
		For Up To 12" Length, Deduct	-2.24	
		For >12" To <24" Length, Deduct	-1.12	
03 21 11 00-0248	EA	1-1/4" Diameter x 24" Long, Deformed Straight Dowel	10.79	
		For Up To 12" Length, Deduct	-2.93	
		For >12" To <24" Length, Deduct	-1.46	
03 21 11 00-0249	EA	1-3/8" Diameter x 24" Long, Deformed Straight Dowel	12.84	
		For Up To 12" Length, Deduct	-3.62	
		For >12" To <24" Length, Deduct	-1.81	
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	3,501.23	
		For Grade 75, Add	133.51	
03 21 11 00-0252	TON	>15" To 24" Diameter, Grade 60, Spirals, Reinforcing Steel	3,459.91	
		For Grade 75, Add	133.51	
03 21 11 00-0253	TON	>24" To 36" Diameter, Grade 60, Spirals, Reinforcing Steel	3,428.42	
		For Grade 75, Add	133.51	
03 21 11 00-0254	TON	>36" To 48" Diameter, Grade 60, Spirals, Reinforcing Steel	3,376.88	
		For Grade 75, Add	133.51	
03 21 11 00-0255	TON	>48" To 64" Diameter, Grade 60, Spirals, Reinforcing Steel	3,307.20	
		For Grade 75, Add	133.51	
03 21 11 00-0256	TON	>64" To 84" Diameter, Grade 60, Spirals, Reinforcing Steel	3,282.07	
		For Grade 75, Add	136.79	
03 21 11 00-0257	TON	>84" To 96" Diameter, Grade 60, Spirals, Reinforcing Steel	3,223.73	
		For Grade 75, Add	136.79	
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	26.41	
03 21 11 00-0260	EA	Dowels Or Hairpin, 1/2" x 36" Length, Drilled And Epoxy In Concrete, >6" To 12" Embedment	27.65	
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	61.43	
03 21 11 00-0264	EA	>#6 Reinforcing Steel Lap-Weld Splice	97.94	
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	33.35	
03 21 11 00-0267	EA	#5 Reinforcing Steel, Sleeve And Wedge Splice Joint	50.94	
03 21 11 00-0268	EA	#6 Reinforcing Steel, Sleeve And Wedge Splice Joint	75.99	
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	0.85	
		For Up To 100, Add	0.60	
		For >100 To 200, Add	0.32	
		For >200 To 500, Add	0.13	
03 21 13 00-0003	LF	#4, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar	1.44	
		For Up To 100, Add	1.04	
		For >100 To 200, Add	0.56	
		For >200 To 500, Add	0.22	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0004	LF	#5, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar	.....	2.17	
		For Up To 100, Add	.....	1.60	
		For >100 To 200, Add	.....	0.85	
		For >200 To 500, Add	.....	0.34	
03 21 13 00-0005	LF	#6, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar	.....	3.02	
		For Up To 100, Add	.....	2.26	
		For >100 To 200, Add	.....	1.20	
		For >200 To 500, Add	.....	0.48	
03 21 13 00-0006	LF	#3, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar	.....	0.87	
		For Up To 100, Add	.....	0.62	
		For >100 To 200, Add	.....	0.33	
		For >200 To 500, Add	.....	0.13	
03 21 13 00-0007	LF	#4, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar	.....	1.47	
		For Up To 100, Add	.....	1.07	
		For >100 To 200, Add	.....	0.57	
		For >200 To 500, Add	.....	0.23	
03 21 13 00-0008	LF	#5, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar	.....	2.21	
		For Up To 100, Add	.....	1.64	
		For >100 To 200, Add	.....	0.87	
		For >200 To 500, Add	.....	0.35	
03 21 13 00-0009	LF	#6, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar	.....	3.08	
		For Up To 100, Add	.....	2.32	
		For >100 To 200, Add	.....	1.23	
		For >200 To 500, Add	.....	0.49	
03 21 13 00-0010	LF	#3, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	.....	0.89	
		For Up To 100, Add	.....	0.64	
		For >100 To 200, Add	.....	0.34	
		For >200 To 500, Add	.....	0.14	
03 21 13 00-0011	LF	#4, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	.....	1.51	
		For Up To 100, Add	.....	1.11	
		For >100 To 200, Add	.....	0.59	
		For >200 To 500, Add	.....	0.24	
03 21 13 00-0012	LF	#5, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	.....	2.28	
		For Up To 100, Add	.....	1.71	
		For >100 To 200, Add	.....	0.90	
		For >200 To 500, Add	.....	0.36	
03 21 13 00-0013	LF	#6, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	.....	3.17	
		For Up To 100, Add	.....	2.41	
		For >100 To 200, Add	.....	1.27	
		For >200 To 500, Add	.....	0.51	
03 21 13 00-0014	LF	#7, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	.....	4.16	
		For Up To 100, Add	.....	2.50	
		For >100 To 200, Add	.....	1.43	
		For >200 To 400, Add	.....	0.68	
03 21 13 00-0015	LF	#8, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	.....	5.22	
		For Up To 100, Add	.....	3.18	
		For >100 To 200, Add	.....	1.81	
		For >200 To 400, Add	.....	0.86	
03 21 13 00-0016	LF	#9, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	.....	6.46	
		For Up To 100, Add	.....	3.99	
		For >100 To 200, Add	.....	2.26	
		For >200 To 400, Add	.....	1.08	
03 21 13 00-0017	LF	#10, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	.....	7.96	
		For Up To 100, Add	.....	4.03	
		For >100 To 200, Add	.....	2.14	
		For >200 To 300, Add	.....	1.07	
03 21 13 00-0018	LF	#11, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	.....	9.54	
		For Up To 100, Add	.....	4.89	
		For >100 To 200, Add	.....	2.58	
		For >200 To 300, Add	.....	1.29	
03 21 13 00-0019	LF	#14, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	.....	13.33	
		For Up To 100, Add	.....	6.92	
		For >100 To 200, Add	.....	3.64	
		For >200 To 300, Add	.....	1.82	
03 21 13 00-0020	LF	#18, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar	.....	22.99	
		For Up To 100, Add	.....	12.08	
		For >100 To 200, Add	.....	6.33	
		For >200 To 300, Add	.....	3.16	
03 21 13 00-0021	LF	#6, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	.....	3.26	
		For Up To 100, Add	.....	2.50	
		For >100 To 200, Add	.....	1.32	
		For >200 To 500, Add	.....	0.53	
03 21 13 00-0022	LF	#7, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	.....	4.28	
		For Up To 100, Add	.....	2.59	
		For >100 To 200, Add	.....	1.48	
		For >200 To 400, Add	.....	0.70	
03 21 13 00-0023	LF	#8, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	.....	5.38	
		For Up To 100, Add	.....	3.30	
		For >100 To 200, Add	.....	1.88	
		For >200 To 400, Add	.....	0.89	
03 21 13 00-0024	LF	#9, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	.....	6.66	
		For Up To 100, Add	.....	4.14	
		For >100 To 200, Add	.....	2.34	
		For >200 To 400, Add	.....	1.12	



		Concrete	03	CS
		Concrete Reinforcing	03 20	
		Reinforcement Bars	03 21	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0025	LF	#10, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	.....	8.21	
		For Up To 100, Add	.....	4.18	
		For >100 To 200, Add	.....	2.21	
		For >200 To 300, Add	.....	1.11	
03 21 13 00-0026	LF	#11, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	.....	9.85	
		For Up To 100, Add	.....	5.07	
		For >100 To 200, Add	.....	2.68	
		For >200 To 300, Add	.....	1.34	
03 21 13 00-0027	LF	#14, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	.....	13.77	
		For Up To 100, Add	.....	7.18	
		For >100 To 200, Add	.....	3.77	
		For >200 To 300, Add	.....	1.89	
03 21 13 00-0028	LF	#18, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	.....	23.78	
		For Up To 100, Add	.....	12.56	
		For >100 To 200, Add	.....	6.56	
		For >200 To 300, Add	.....	3.28	
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	.....	0.88	
		For Up To 100, Add	.....	0.62	
		For >100 To 200, Add	.....	0.33	
		For >200 To 500, Add	.....	0.13	
03 21 13 00-0031	LF	#4, Grade 40, Columns, Galvanized Steel Reinforcement Bar	.....	1.51	
		For Up To 100, Add	.....	1.07	
		For >100 To 200, Add	.....	0.57	
		For >200 To 500, Add	.....	0.23	
03 21 13 00-0032	LF	#5, Grade 40, Columns, Galvanized Steel Reinforcement Bar	.....	2.26	
		For Up To 100, Add	.....	1.64	
		For >100 To 200, Add	.....	0.87	
		For >200 To 500, Add	.....	0.35	
03 21 13 00-0033	LF	#6, Grade 40, Columns, Galvanized Steel Reinforcement Bar	.....	3.15	
		For Up To 100, Add	.....	2.32	
		For >100 To 200, Add	.....	1.23	
		For >200 To 500, Add	.....	0.49	
03 21 13 00-0034	LF	#3, Grade 50, Columns, Galvanized Steel Reinforcement Bar	.....	0.90	
		For Up To 100, Add	.....	0.64	
		For >100 To 200, Add	.....	0.34	
		For >200 To 500, Add	.....	0.14	
03 21 13 00-0035	LF	#4, Grade 50, Columns, Galvanized Steel Reinforcement Bar	.....	1.54	
		For Up To 100, Add	.....	1.10	
		For >100 To 200, Add	.....	0.59	
		For >200 To 500, Add	.....	0.24	
03 21 13 00-0036	LF	#5, Grade 50, Columns, Galvanized Steel Reinforcement Bar	.....	2.30	
		For Up To 100, Add	.....	1.68	
		For >100 To 200, Add	.....	0.89	
		For >200 To 500, Add	.....	0.36	
03 21 13 00-0037	LF	#6, Grade 50, Columns, Galvanized Steel Reinforcement Bar	.....	3.21	
		For Up To 100, Add	.....	2.38	
		For >100 To 200, Add	.....	1.26	
		For >200 To 500, Add	.....	0.50	
03 21 13 00-0038	LF	#3, Grade 60, Columns, Galvanized Steel Reinforcement Bar	.....	0.92	
		For Up To 100, Add	.....	0.66	
		For >100 To 200, Add	.....	0.35	
		For >200 To 500, Add	.....	0.14	
03 21 13 00-0039	LF	#4, Grade 60, Columns, Galvanized Steel Reinforcement Bar	.....	1.58	
		For Up To 100, Add	.....	1.14	
		For >100 To 200, Add	.....	0.61	
		For >200 To 500, Add	.....	0.24	
03 21 13 00-0040	LF	#5, Grade 60, Columns, Galvanized Steel Reinforcement Bar	.....	2.37	
		For Up To 100, Add	.....	1.75	
		For >100 To 200, Add	.....	0.93	
		For >200 To 500, Add	.....	0.37	
03 21 13 00-0041	LF	#6, Grade 60, Columns, Galvanized Steel Reinforcement Bar	.....	3.30	
		For Up To 100, Add	.....	2.47	
		For >100 To 200, Add	.....	1.30	
		For >200 To 500, Add	.....	0.52	
03 21 13 00-0042	LF	#7, Grade 60, Columns, Galvanized Steel Reinforcement Bar	.....	4.31	
		For Up To 100, Add	.....	2.55	
		For >100 To 200, Add	.....	1.47	
		For >200 To 400, Add	.....	0.69	
03 21 13 00-0043	LF	#8, Grade 60, Columns, Galvanized Steel Reinforcement Bar	.....	5.40	
		For Up To 100, Add	.....	3.25	
		For >100 To 200, Add	.....	1.86	
		For >200 To 400, Add	.....	0.88	
03 21 13 00-0044	LF	#9, Grade 60, Columns, Galvanized Steel Reinforcement Bar	.....	6.67	
		For Up To 100, Add	.....	4.06	
		For >100 To 200, Add	.....	2.32	
		For >200 To 400, Add	.....	1.10	
03 21 13 00-0045	LF	#10, Grade 60, Columns, Galvanized Steel Reinforcement Bar	.....	8.20	
		For Up To 100, Add	.....	4.10	
		For >100 To 200, Add	.....	2.19	
		For >200 To 300, Add	.....	1.09	

03	03	Concrete
	03 20	Concrete Reinforcing
	03 21	Reinforcement Bars



MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
03 21 13 00-0046	LF	#11, Grade 60, Columns, Galvanized Steel Reinforcement Bar	9.81	
		For Up To 100, Add	4.97	
		For >100 To 200, Add	2.64	
		For >200 To 300, Add	1.32	
03 21 13 00-0047	LF	#14, Grade 60, Columns, Galvanized Steel Reinforcement Bar	13.70	
		For Up To 100, Add	7.03	
		For >100 To 200, Add	3.71	
		For >200 To 300, Add	1.86	
03 21 13 00-0048	LF	#18, Grade 60, Columns, Galvanized Steel Reinforcement Bar	23.56	
		For Up To 100, Add	12.25	
		For >100 To 200, Add	6.44	
		For >200 To 300, Add	3.22	
03 21 13 00-0049	LF	#6, Grade 75, Columns, Galvanized Steel Reinforcement Bar	3.39	
		For Up To 100, Add	2.56	
		For >100 To 200, Add	1.35	
		For >200 To 500, Add	0.54	
03 21 13 00-0050	LF	#7, Grade 75, Columns, Galvanized Steel Reinforcement Bar	4.43	
		For Up To 100, Add	2.64	
		For >100 To 200, Add	1.52	
		For >200 To 400, Add	0.72	
03 21 13 00-0051	LF	#8, Grade 75, Columns, Galvanized Steel Reinforcement Bar	5.56	
		For Up To 100, Add	3.37	
		For >100 To 200, Add	1.92	
		For >200 To 400, Add	0.91	
03 21 13 00-0052	LF	#9, Grade 75, Columns, Galvanized Steel Reinforcement Bar	6.87	
		For Up To 100, Add	4.21	
		For >100 To 200, Add	2.40	
		For >200 To 400, Add	1.14	
03 21 13 00-0053	LF	#10, Grade 75, Columns, Galvanized Steel Reinforcement Bar	8.45	
		For Up To 100, Add	4.25	
		For >100 To 200, Add	2.26	
		For >200 To 300, Add	1.13	
03 21 13 00-0054	LF	#11, Grade 75, Columns, Galvanized Steel Reinforcement Bar	10.12	
		For Up To 100, Add	5.15	
		For >100 To 200, Add	2.73	
		For >200 To 300, Add	1.37	
03 21 13 00-0055	LF	#14, Grade 75, Columns, Galvanized Steel Reinforcement Bar	14.14	
		For Up To 100, Add	7.29	
		For >100 To 200, Add	3.84	
		For >200 To 300, Add	1.92	
03 21 13 00-0056	LF	#18, Grade 75, Columns, Galvanized Steel Reinforcement Bar	24.35	
		For Up To 100, Add	12.73	
		For >100 To 200, Add	6.68	
		For >200 To 300, Add	3.34	
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	0.78	
		For Up To 100, Add	0.58	
		For >100 To 200, Add	0.31	
		For >200 To 500, Add	0.12	
03 21 13 00-0059	LF	#4, Grade 40, Footings, Galvanized Steel Reinforcement Bar	1.34	
		For Up To 100, Add	1.00	
		For >100 To 200, Add	0.53	
		For >200 To 500, Add	0.21	
03 21 13 00-0060	LF	#5, Grade 40, Footings, Galvanized Steel Reinforcement Bar	2.04	
		For Up To 100, Add	1.55	
		For >100 To 200, Add	0.82	
		For >200 To 500, Add	0.33	
03 21 13 00-0061	LF	#6, Grade 40, Footings, Galvanized Steel Reinforcement Bar	2.84	
		For Up To 100, Add	2.19	
		For >100 To 200, Add	1.15	
		For >200 To 500, Add	0.46	
03 21 13 00-0062	LF	#3, Grade 50, Footings, Galvanized Steel Reinforcement Bar	0.80	
		For Up To 100, Add	0.60	
		For >100 To 200, Add	0.32	
		For >200 To 500, Add	0.13	
03 21 13 00-0063	LF	#4, Grade 50, Footings, Galvanized Steel Reinforcement Bar	1.37	
		For Up To 100, Add	1.03	
		For >100 To 200, Add	0.55	
		For >200 To 500, Add	0.22	
03 21 13 00-0064	LF	#5, Grade 50, Footings, Galvanized Steel Reinforcement Bar	2.08	
		For Up To 100, Add	1.59	
		For >100 To 200, Add	0.84	
		For >200 To 500, Add	0.33	
03 21 13 00-0065	LF	#6, Grade 50, Footings, Galvanized Steel Reinforcement Bar	2.90	
		For Up To 100, Add	2.25	
		For >100 To 200, Add	1.18	
		For >200 To 500, Add	0.47	
03 21 13 00-0066	LF	#3, Grade 60, Footings, Galvanized Steel Reinforcement Bar	0.82	
		For Up To 100, Add	0.62	
		For >100 To 200, Add	0.33	
		For >200 To 500, Add	0.13	



	Concrete	03	
	Concrete Reinforcing	03 20	
	Reinforcement Bars	03 21	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0067	LF	#4, Grade 60, Footings, Galvanized Steel Reinforcement Bar	.....	1.41	
		For Up To 100, Add	.....	1.07	
		For >100 To 200, Add	.....	0.57	
		For >200 To 500, Add	.....	0.23	
03 21 13 00-0068	LF	#5, Grade 60, Footings, Galvanized Steel Reinforcement Bar	.....	2.15	
		For Up To 100, Add	.....	1.66	
		For >100 To 200, Add	.....	0.87	
		For >200 To 500, Add	.....	0.35	
03 21 13 00-0069	LF	#6, Grade 60, Footings, Galvanized Steel Reinforcement Bar	.....	2.99	
		For Up To 100, Add	.....	2.34	
		For >100 To 200, Add	.....	1.23	
		For >200 To 500, Add	.....	0.49	
03 21 13 00-0070	LF	#7, Grade 60, Footings, Galvanized Steel Reinforcement Bar	.....	3.93	
		For Up To 100, Add	.....	2.42	
		For >100 To 200, Add	.....	1.37	
		For >200 To 400, Add	.....	0.65	
03 21 13 00-0071	LF	#8, Grade 60, Footings, Galvanized Steel Reinforcement Bar	.....	4.95	
		For Up To 100, Add	.....	3.09	
		For >100 To 200, Add	.....	1.75	
		For >200 To 400, Add	.....	0.83	
03 21 13 00-0072	LF	#9, Grade 60, Footings, Galvanized Steel Reinforcement Bar	.....	6.14	
		For Up To 100, Add	.....	3.88	
		For >100 To 200, Add	.....	2.18	
		For >200 To 400, Add	.....	1.05	
03 21 13 00-0073	LF	#10, Grade 60, Footings, Galvanized Steel Reinforcement Bar	.....	7.58	
		For Up To 100, Add	.....	3.92	
		For >100 To 200, Add	.....	2.06	
		For >200 To 300, Add	.....	1.03	
03 21 13 00-0074	LF	#11, Grade 60, Footings, Galvanized Steel Reinforcement Bar	.....	9.12	
		For Up To 100, Add	.....	4.76	
		For >100 To 200, Add	.....	2.50	
		For >200 To 300, Add	.....	1.25	
03 21 13 00-0075	LF	#14, Grade 60, Footings, Galvanized Steel Reinforcement Bar	.....	12.79	
		For Up To 100, Add	.....	6.75	
		For >100 To 200, Add	.....	3.53	
		For >200 To 300, Add	.....	1.77	
03 21 13 00-0076	LF	#18, Grade 60, Footings, Galvanized Steel Reinforcement Bar	.....	22.13	
		For Up To 100, Add	.....	11.82	
		For >100 To 200, Add	.....	6.15	
		For >200 To 300, Add	.....	3.08	
03 21 13 00-0077	LF	#6, Grade 75, Footings, Galvanized Steel Reinforcement Bar	.....	3.08	
		For Up To 100, Add	.....	2.43	
		For >100 To 200, Add	.....	1.27	
		For >200 To 500, Add	.....	0.51	
03 21 13 00-0078	LF	#7, Grade 75, Footings, Galvanized Steel Reinforcement Bar	.....	4.05	
		For Up To 100, Add	.....	2.51	
		For >100 To 200, Add	.....	1.42	
		For >200 To 400, Add	.....	0.68	
03 21 13 00-0079	LF	#8, Grade 75, Footings, Galvanized Steel Reinforcement Bar	.....	5.11	
		For Up To 100, Add	.....	3.21	
		For >100 To 200, Add	.....	1.81	
		For >200 To 400, Add	.....	0.87	
03 21 13 00-0080	LF	#9, Grade 75, Footings, Galvanized Steel Reinforcement Bar	.....	6.34	
		For Up To 100, Add	.....	4.03	
		For >100 To 200, Add	.....	2.26	
		For >200 To 400, Add	.....	1.09	
03 21 13 00-0081	LF	#10, Grade 75, Footings, Galvanized Steel Reinforcement Bar	.....	7.83	
		For Up To 100, Add	.....	4.07	
		For >100 To 200, Add	.....	2.14	
		For >200 To 300, Add	.....	1.07	
03 21 13 00-0082	LF	#11, Grade 75, Footings, Galvanized Steel Reinforcement Bar	.....	9.43	
		For Up To 100, Add	.....	4.95	
		For >100 To 200, Add	.....	2.59	
		For >200 To 300, Add	.....	1.30	
03 21 13 00-0083	LF	#14, Grade 75, Footings, Galvanized Steel Reinforcement Bar	.....	13.23	
		For Up To 100, Add	.....	7.02	
		For >100 To 200, Add	.....	3.66	
		For >200 To 300, Add	.....	1.83	
03 21 13 00-0084	LF	#18, Grade 75, Footings, Galvanized Steel Reinforcement Bar	.....	22.92	
		For Up To 100, Add	.....	12.30	
		For >100 To 200, Add	.....	6.39	
		For >200 To 300, Add	.....	3.20	
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	.....	0.76	
		For Up To 100, Add	.....	0.57	
		For >100 To 200, Add	.....	0.30	
		For >200 To 500, Add	.....	0.12	
03 21 13 00-0087	LF	#4, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar	.....	1.31	
		For Up To 100, Add	.....	0.99	
		For >100 To 200, Add	.....	0.52	
		For >200 To 500, Add	.....	0.21	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0088	LF	#5, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar	.....	1.98	
		For Up To 100, Add	.....	1.52	
		For >100 To 200, Add	.....	0.80	
		For >200 To 500, Add	.....	0.32	
03 21 13 00-0089	LF	#6, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar	.....	2.76	
		For Up To 100, Add	.....	2.16	
		For >100 To 200, Add	.....	1.13	
		For >200 To 500, Add	.....	0.45	
03 21 13 00-0090	LF	#3, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar	.....	0.78	
		For Up To 100, Add	.....	0.59	
		For >100 To 200, Add	.....	0.37	
		For >200 To 500, Add	.....	0.12	
03 21 13 00-0091	LF	#4, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar	.....	1.34	
		For Up To 100, Add	.....	1.02	
		For >100 To 200, Add	.....	0.54	
		For >200 To 500, Add	.....	0.22	
03 21 13 00-0092	LF	#5, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar	.....	2.02	
		For Up To 100, Add	.....	1.56	
		For >100 To 200, Add	.....	0.82	
		For >200 To 500, Add	.....	0.33	
03 21 13 00-0093	LF	#6, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar	.....	2.62	
		For Up To 100, Add	.....	2.22	
		For >100 To 200, Add	.....	1.16	
		For >200 To 500, Add	.....	0.46	
03 21 13 00-0094	LF	#3, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	.....	0.80	
		For Up To 100, Add	.....	0.61	
		For >100 To 200, Add	.....	0.32	
		For >200 To 500, Add	.....	0.13	
03 21 13 00-0095	LF	#4, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	.....	1.38	
		For Up To 100, Add	.....	1.06	
		For >100 To 200, Add	.....	0.56	
		For >200 To 500, Add	.....	0.22	
03 21 13 00-0096	LF	#5, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	.....	2.09	
		For Up To 100, Add	.....	1.63	
		For >100 To 200, Add	.....	0.86	
		For >200 To 500, Add	.....	0.34	
03 21 13 00-0097	LF	#6, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	.....	2.91	
		For Up To 100, Add	.....	2.31	
		For >100 To 200, Add	.....	1.21	
		For >200 To 500, Add	.....	0.48	
03 21 13 00-0098	LF	#7, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	.....	3.85	
		For Up To 100, Add	.....	2.39	
		For >100 To 200, Add	.....	1.35	
		For >200 To 400, Add	.....	0.65	
03 21 13 00-0099	LF	#8, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	.....	4.85	
		For Up To 100, Add	.....	3.05	
		For >100 To 200, Add	.....	1.72	
		For >200 To 400, Add	.....	0.82	
03 21 13 00-0100	LF	#9, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	.....	6.03	
		For Up To 100, Add	.....	3.84	
		For >100 To 200, Add	.....	2.16	
		For >200 To 400, Add	.....	1.04	
03 21 13 00-0101	LF	#10, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	.....	7.45	
		For Up To 100, Add	.....	3.88	
		For >100 To 200, Add	.....	2.04	
		For >200 To 300, Add	.....	1.02	
03 21 13 00-0102	LF	#11, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	.....	8.99	
		For Up To 100, Add	.....	4.72	
		For >100 To 200, Add	.....	2.47	
		For >200 To 300, Add	.....	1.24	
03 21 13 00-0103	LF	#14, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	.....	12.60	
		For Up To 100, Add	.....	6.70	
		For >100 To 200, Add	.....	3.49	
		For >200 To 300, Add	.....	1.75	
03 21 13 00-0104	LF	#18, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	.....	21.85	
		For Up To 100, Add	.....	11.74	
		For >100 To 200, Add	.....	6.10	
		For >200 To 300, Add	.....	3.05	
03 21 13 00-0105	LF	#6, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	.....	3.00	
		For Up To 100, Add	.....	2.40	
		For >100 To 200, Add	.....	1.25	
		For >200 To 500, Add	.....	0.50	
03 21 13 00-0106	LF	#7, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	.....	3.97	
		For Up To 100, Add	.....	2.48	
		For >100 To 200, Add	.....	1.40	
		For >200 To 400, Add	.....	0.67	
03 21 13 00-0107	LF	#8, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	.....	5.01	
		For Up To 100, Add	.....	3.17	
		For >100 To 200, Add	.....	1.79	
		For >200 To 400, Add	.....	0.86	
03 21 13 00-0108	LF	#9, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	.....	6.23	
		For Up To 100, Add	.....	3.99	
		For >100 To 200, Add	.....	2.24	
		For >200 To 400, Add	.....	1.08	



		Concrete	03	CS
		Concrete Reinforcing	03 20	
		Reinforcement Bars	03 21	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0109	LF	#10, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	.....	7.70	
		For Up To 100, Add	.....	4.03	
		For >100 To 200, Add	.....	2.11	
		For >200 To 300, Add	.....	1.06	
03 21 13 00-0110	LF	#11, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	.....	9.30	
		For Up To 100, Add	.....	4.91	
		For >100 To 200, Add	.....	2.57	
		For >200 To 300, Add	.....	1.28	
03 21 13 00-0111	LF	#14, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	.....	13.04	
		For Up To 100, Add	.....	6.96	
		For >100 To 200, Add	.....	3.62	
		For >200 To 300, Add	.....	1.81	
03 21 13 00-0112	LF	#18, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	.....	22.64	
		For Up To 100, Add	.....	12.21	
		For >100 To 200, Add	.....	6.34	
		For >200 To 300, Add	.....	3.17	
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	.....	0.72	
		For Up To 100, Add	.....	0.55	
		For >100 To 200, Add	.....	0.29	
		For >200 To 500, Add	.....	0.12	
03 21 13 00-0115	LF	#4, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar	.....	1.24	
		For Up To 100, Add	.....	0.96	
		For >100 To 200, Add	.....	0.51	
		For >200 To 500, Add	.....	0.20	
03 21 13 00-0116	LF	#5, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar	.....	1.89	
		For Up To 100, Add	.....	1.49	
		For >100 To 200, Add	.....	0.78	
		For >200 To 500, Add	.....	0.31	
03 21 13 00-0117	LF	#6, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar	.....	2.64	
		For Up To 100, Add	.....	2.11	
		For >100 To 200, Add	.....	1.10	
		For >200 To 500, Add	.....	0.44	
03 21 13 00-0118	LF	#3, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar	.....	0.74	
		For Up To 100, Add	.....	0.57	
		For >100 To 200, Add	.....	0.30	
		For >200 To 500, Add	.....	0.12	
03 21 13 00-0119	LF	#4, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar	.....	1.27	
		For Up To 100, Add	.....	0.99	
		For >100 To 200, Add	.....	0.52	
		For >200 To 500, Add	.....	0.21	
03 21 13 00-0120	LF	#5, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar	.....	1.93	
		For Up To 100, Add	.....	1.53	
		For >100 To 200, Add	.....	0.80	
		For >200 To 500, Add	.....	0.32	
03 21 13 00-0121	LF	#6, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar	.....	2.70	
		For Up To 100, Add	.....	2.17	
		For >100 To 200, Add	.....	1.13	
		For >200 To 500, Add	.....	0.45	
03 21 13 00-0122	LF	#3, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	.....	0.76	
		For Up To 100, Add	.....	0.59	
		For >100 To 200, Add	.....	0.31	
		For >200 To 500, Add	.....	0.12	
03 21 13 00-0123	LF	#4, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	.....	1.31	
		For Up To 100, Add	.....	1.03	
		For >100 To 200, Add	.....	0.54	
		For >200 To 500, Add	.....	0.22	
03 21 13 00-0124	LF	#5, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	.....	2.00	
		For Up To 100, Add	.....	1.60	
		For >100 To 200, Add	.....	0.83	
		For >200 To 500, Add	.....	0.33	
03 21 13 00-0125	LF	#6, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	.....	2.79	
		For Up To 100, Add	.....	2.26	
		For >100 To 200, Add	.....	1.18	
		For >200 To 500, Add	.....	0.47	
03 21 13 00-0126	LF	#7, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	.....	3.70	
		For Up To 100, Add	.....	2.34	
		For >100 To 200, Add	.....	1.32	
		For >200 To 400, Add	.....	0.63	
03 21 13 00-0127	LF	#8, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	.....	4.66	
		For Up To 100, Add	.....	2.99	
		For >100 To 200, Add	.....	1.67	
		For >200 To 400, Add	.....	0.81	
03 21 13 00-0128	LF	#9, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	.....	5.82	
		For Up To 100, Add	.....	3.77	
		For >100 To 200, Add	.....	2.10	
		For >200 To 400, Add	.....	1.01	
03 21 13 00-0129	LF	#10, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	.....	7.21	
		For Up To 100, Add	.....	3.80	
		For >100 To 200, Add	.....	1.99	
		For >200 To 300, Add	.....	0.99	

03 Concrete**03 20 Concrete Reinforcing****03 21 Reinforcement Bars**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0130	LF	#11, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	.....	8.70	
		For Up To 100, Add	.....	4.64	
		For >100 To 200, Add	.....	2.42	
		For >200 To 300, Add	.....	1.21	
03 21 13 00-0131	LF	#14, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	.....	12.25	
		For Up To 100, Add	.....	6.59	
		For >100 To 200, Add	.....	3.42	
		For >200 To 300, Add	.....	1.71	
03 21 13 00-0132	LF	#18, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	.....	21.28	
		For Up To 100, Add	.....	11.57	
		For >100 To 200, Add	.....	5.98	
		For >200 To 300, Add	.....	2.99	
03 21 13 00-0133	LF	#6, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	.....	2.88	
		For Up To 100, Add	.....	2.35	
		For >100 To 200, Add	.....	1.22	
		For >200 To 500, Add	.....	0.49	
03 21 13 00-0134	LF	#7, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	.....	3.82	
		For Up To 100, Add	.....	2.43	
		For >100 To 200, Add	.....	1.36	
		For >200 To 400, Add	.....	0.65	
03 21 13 00-0135	LF	#8, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	.....	4.82	
		For Up To 100, Add	.....	3.11	
		For >100 To 200, Add	.....	1.74	
		For >200 To 400, Add	.....	0.84	
03 21 13 00-0136	LF	#9, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	.....	6.02	
		For Up To 100, Add	.....	3.92	
		For >100 To 200, Add	.....	2.18	
		For >200 To 400, Add	.....	1.05	
03 21 13 00-0137	LF	#10, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	.....	7.46	
		For Up To 100, Add	.....	3.95	
		For >100 To 200, Add	.....	2.06	
		For >200 To 300, Add	.....	1.03	
03 21 13 00-0138	LF	#11, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	.....	9.01	
		For Up To 100, Add	.....	4.82	
		For >100 To 200, Add	.....	2.51	
		For >200 To 300, Add	.....	1.25	
03 21 13 00-0139	LF	#14, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	.....	12.69	
		For Up To 100, Add	.....	6.86	
		For >100 To 200, Add	.....	3.55	
		For >200 To 300, Add	.....	1.78	
03 21 13 00-0140	LF	#18, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	.....	22.07	
		For Up To 100, Add	.....	12.04	
		For >100 To 200, Add	.....	6.22	
		For >200 To 300, Add	.....	3.11	
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	.....	0.70	
		For Up To 100, Add	.....	0.54	
		For >100 To 200, Add	.....	0.29	
		For >200 To 500, Add	.....	0.11	
03 21 13 00-0143	LF	#4, Grade 40, Walls, Galvanized Steel Reinforcement Bar	.....	1.21	
		For Up To 100, Add	.....	0.95	
		For >100 To 200, Add	.....	0.50	
		For >200 To 500, Add	.....	0.20	
03 21 13 00-0144	LF	#5, Grade 40, Walls, Galvanized Steel Reinforcement Bar	.....	1.84	
		For Up To 100, Add	.....	1.47	
		For >100 To 200, Add	.....	0.77	
		For >200 To 500, Add	.....	0.31	
03 21 13 00-0145	LF	#6, Grade 40, Walls, Galvanized Steel Reinforcement Bar	.....	2.58	
		For Up To 100, Add	.....	2.09	
		For >100 To 200, Add	.....	1.09	
		For >200 To 500, Add	.....	0.43	
03 21 13 00-0146	LF	#3, Grade 50, Walls, Galvanized Steel Reinforcement Bar	.....	0.72	
		For Up To 100, Add	.....	0.56	
		For >100 To 200, Add	.....	0.30	
		For >200 To 500, Add	.....	0.12	
03 21 13 00-0147	LF	#4, Grade 50, Walls, Galvanized Steel Reinforcement Bar	.....	1.24	
		For Up To 100, Add	.....	0.98	
		For >100 To 200, Add	.....	0.51	
		For >200 To 500, Add	.....	0.21	
03 21 13 00-0148	LF	#5, Grade 50, Walls, Galvanized Steel Reinforcement Bar	.....	1.88	
		For Up To 100, Add	.....	1.51	
		For >100 To 200, Add	.....	0.79	
		For >200 To 500, Add	.....	0.31	
03 21 13 00-0149	LF	#6, Grade 50, Walls, Galvanized Steel Reinforcement Bar	.....	2.64	
		For Up To 100, Add	.....	2.15	
		For >100 To 200, Add	.....	1.12	
		For >200 To 500, Add	.....	0.45	
03 21 13 00-0150	LF	#3, Grade 60, Walls, Galvanized Steel Reinforcement Bar	.....	0.74	
		For Up To 100, Add	.....	0.58	
		For >100 To 200, Add	.....	0.31	
		For >200 To 500, Add	.....	0.12	



		Concrete	03	CS
		Concrete Reinforcing	03 20	
		Reinforcement Bars	03 21	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0151	LF	#4, Grade 60, Walls, Galvanized Steel Reinforcement Bar	.....	1.28	
		For Up To 100, Add	.....	1.02	
		For >100 To 200, Add	.....	0.53	
		For >200 To 500, Add	.....	0.21	
03 21 13 00-0152	LF	#5, Grade 60, Walls, Galvanized Steel Reinforcement Bar	.....	1.95	
		For Up To 100, Add	.....	1.58	
		For >100 To 200, Add	.....	0.82	
		For >200 To 500, Add	.....	0.33	
03 21 13 00-0153	LF	#6, Grade 60, Walls, Galvanized Steel Reinforcement Bar	.....	2.73	
		For Up To 100, Add	.....	2.24	
		For >100 To 200, Add	.....	1.16	
		For >200 To 500, Add	.....	0.46	
03 21 13 00-0154	LF	#7, Grade 60, Walls, Galvanized Steel Reinforcement Bar	.....	3.60	
		For Up To 100, Add	.....	2.30	
		For >100 To 200, Add	.....	1.29	
		For >200 To 400, Add	.....	0.62	
03 21 13 00-0155	LF	#8, Grade 60, Walls, Galvanized Steel Reinforcement Bar	.....	4.58	
		For Up To 100, Add	.....	2.96	
		For >100 To 200, Add	.....	1.65	
		For >200 To 400, Add	.....	0.80	
03 21 13 00-0156	LF	#9, Grade 60, Walls, Galvanized Steel Reinforcement Bar	.....	5.72	
		For Up To 100, Add	.....	3.73	
		For >100 To 200, Add	.....	2.08	
		For >200 To 400, Add	.....	1.00	
03 21 13 00-0157	LF	#10, Grade 60, Walls, Galvanized Steel Reinforcement Bar	.....	7.09	
		For Up To 100, Add	.....	3.77	
		For >100 To 200, Add	.....	1.97	
		For >200 To 300, Add	.....	0.98	
03 21 13 00-0158	LF	#11, Grade 60, Walls, Galvanized Steel Reinforcement Bar	.....	8.57	
		For Up To 100, Add	.....	4.60	
		For >100 To 200, Add	.....	2.39	
		For >200 To 300, Add	.....	1.19	
03 21 13 00-0159	LF	#14, Grade 60, Walls, Galvanized Steel Reinforcement Bar	.....	12.07	
		For Up To 100, Add	.....	6.54	
		For >100 To 200, Add	.....	3.39	
		For >200 To 300, Add	.....	1.69	
03 21 13 00-0160	LF	#18, Grade 60, Walls, Galvanized Steel Reinforcement Bar	.....	21.00	
		For Up To 100, Add	.....	11.48	
		For >100 To 200, Add	.....	5.93	
		For >200 To 300, Add	.....	2.96	
03 21 13 00-0161	LF	#6, Grade 75, Walls, Galvanized Steel Reinforcement Bar	.....	2.82	
		For Up To 100, Add	.....	2.33	
		For >100 To 200, Add	.....	1.21	
		For >200 To 500, Add	.....	0.48	
03 21 13 00-0162	LF	#7, Grade 75, Walls, Galvanized Steel Reinforcement Bar	.....	3.72	
		For Up To 100, Add	.....	2.39	
		For >100 To 200, Add	.....	1.34	
		For >200 To 400, Add	.....	0.64	
03 21 13 00-0163	LF	#8, Grade 75, Walls, Galvanized Steel Reinforcement Bar	.....	4.74	
		For Up To 100, Add	.....	3.08	
		For >100 To 200, Add	.....	1.72	
		For >200 To 400, Add	.....	0.83	
03 21 13 00-0164	LF	#9, Grade 75, Walls, Galvanized Steel Reinforcement Bar	.....	5.92	
		For Up To 100, Add	.....	3.88	
		For >100 To 200, Add	.....	2.16	
		For >200 To 400, Add	.....	1.04	
03 21 13 00-0165	LF	#10, Grade 75, Walls, Galvanized Steel Reinforcement Bar	.....	7.34	
		For Up To 100, Add	.....	3.92	
		For >100 To 200, Add	.....	2.04	
		For >200 To 300, Add	.....	1.02	
03 21 13 00-0166	LF	#11, Grade 75, Walls, Galvanized Steel Reinforcement Bar	.....	8.88	
		For Up To 100, Add	.....	4.78	
		For >100 To 200, Add	.....	2.48	
		For >200 To 300, Add	.....	1.24	
03 21 13 00-0167	LF	#14, Grade 75, Walls, Galvanized Steel Reinforcement Bar	.....	12.51	
		For Up To 100, Add	.....	6.80	
		For >100 To 200, Add	.....	3.52	
		For >200 To 300, Add	.....	1.76	
03 21 13 00-0168	LF	#18, Grade 75, Walls, Galvanized Steel Reinforcement Bar	.....	21.79	
		For Up To 100, Add	.....	11.96	
		For >100 To 200, Add	.....	6.17	
		For >200 To 300, Add	.....	3.08	
03 21 16 Epoxy-Coated Reinforcement Steel Bars (03 21)					
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	.....	0.83	
		For Up To 100, Add	.....	0.58	
		For >100 To 200, Add	.....	0.31	
		For >200 To 500, Add	.....	0.13	
03 21 16 00-0003	LF	#4, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	.....	1.41	
		For Up To 100, Add	.....	1.01	
		For >100 To 200, Add	.....	0.54	
		For >200 To 500, Add	.....	0.22	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0004	LF	#5, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	.....	2.13	
		For Up To 100, Add	.....	1.56	
		For >100 To 200, Add	.....	0.83	
		For >200 To 500, Add	.....	0.33	
03 21 16 00-0005	LF	#6, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	.....	2.96	
		For Up To 100, Add	.....	2.20	
		For >100 To 200, Add	.....	1.17	
		For >200 To 500, Add	.....	0.47	
03 21 16 00-0006	LF	#3, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	.....	0.85	
		For Up To 100, Add	.....	0.60	
		For >100 To 200, Add	.....	0.32	
		For >200 To 500, Add	.....	0.13	
03 21 16 00-0007	LF	#4, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	.....	1.44	
		For Up To 100, Add	.....	1.04	
		For >100 To 200, Add	.....	0.56	
		For >200 To 500, Add	.....	0.22	
03 21 16 00-0008	LF	#5, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	.....	2.17	
		For Up To 100, Add	.....	1.60	
		For >100 To 200, Add	.....	0.85	
		For >200 To 500, Add	.....	0.34	
03 21 16 00-0009	LF	#6, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	.....	3.02	
		For Up To 100, Add	.....	2.26	
		For >100 To 200, Add	.....	1.20	
		For >200 To 500, Add	.....	0.48	
03 21 16 00-0010	LF	#3, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	.....	0.87	
		For Up To 100, Add	.....	0.62	
		For >100 To 200, Add	.....	0.33	
		For >200 To 500, Add	.....	0.13	
03 21 16 00-0011	LF	#4, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	.....	1.48	
		For Up To 100, Add	.....	1.08	
		For >100 To 200, Add	.....	0.58	
		For >200 To 500, Add	.....	0.23	
03 21 16 00-0012	LF	#5, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	.....	2.23	
		For Up To 100, Add	.....	1.66	
		For >100 To 200, Add	.....	0.88	
		For >200 To 500, Add	.....	0.35	
03 21 16 00-0013	LF	#6, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	.....	3.10	
		For Up To 100, Add	.....	2.34	
		For >100 To 200, Add	.....	1.24	
		For >200 To 500, Add	.....	0.49	
03 21 16 00-0014	LF	#7, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	.....	4.07	
		For Up To 100, Add	.....	2.43	
		For >100 To 200, Add	.....	1.39	
		For >200 To 400, Add	.....	0.66	
03 21 16 00-0015	LF	#8, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	.....	5.11	
		For Up To 100, Add	.....	3.10	
		For >100 To 200, Add	.....	1.77	
		For >200 To 400, Add	.....	0.84	
03 21 16 00-0016	LF	#9, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	.....	6.31	
		For Up To 100, Add	.....	3.88	
		For >100 To 200, Add	.....	2.20	
		For >200 To 400, Add	.....	1.05	
03 21 16 00-0017	LF	#10, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	.....	7.77	
		For Up To 100, Add	.....	3.92	
		For >100 To 200, Add	.....	2.08	
		For >200 To 300, Add	.....	1.04	
03 21 16 00-0018	LF	#11, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	.....	9.31	
		For Up To 100, Add	.....	4.75	
		For >100 To 200, Add	.....	2.51	
		For >200 To 300, Add	.....	1.26	
03 21 16 00-0019	LF	#14, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	.....	13.00	
		For Up To 100, Add	.....	6.72	
		For >100 To 200, Add	.....	3.54	
		For >200 To 300, Add	.....	1.77	
03 21 16 00-0020	LF	#18, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	.....	22.40	
		For Up To 100, Add	.....	11.73	
		For >100 To 200, Add	.....	6.15	
		For >200 To 300, Add	.....	3.07	
03 21 16 00-0021	LF	#6, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	.....	3.19	
		For Up To 100, Add	.....	2.43	
		For >100 To 200, Add	.....	1.28	
		For >200 To 500, Add	.....	0.51	
03 21 16 00-0022	LF	#7, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	.....	4.19	
		For Up To 100, Add	.....	2.52	
		For >100 To 200, Add	.....	1.44	
		For >200 To 400, Add	.....	0.68	
03 21 16 00-0023	LF	#8, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	.....	5.26	
		For Up To 100, Add	.....	3.21	
		For >100 To 200, Add	.....	1.83	
		For >200 To 400, Add	.....	0.87	
03 21 16 00-0024	LF	#9, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	.....	6.51	
		For Up To 100, Add	.....	4.03	
		For >100 To 200, Add	.....	2.28	
		For >200 To 400, Add	.....	1.09	



		Concrete	03	CS
		Concrete Reinforcing	03 20	
		Reinforcement Bars	03 21	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0025	LF	#10, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	.....	8.02	
		For Up To 100, Add	.....	4.07	
		For >100 To 200, Add	.....	2.16	
		For >200 To 300, Add	.....	1.08	
03 21 16 00-0026	LF	#11, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	.....	9.62	
		For Up To 100, Add	.....	4.94	
		For >100 To 200, Add	.....	2.61	
		For >200 To 300, Add	.....	1.30	
03 21 16 00-0027	LF	#14, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	.....	13.44	
		For Up To 100, Add	.....	6.98	
		For >100 To 200, Add	.....	3.67	
		For >200 To 300, Add	.....	1.84	
03 21 16 00-0028	LF	#18, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	.....	23.19	
		For Up To 100, Add	.....	12.20	
		For >100 To 200, Add	.....	6.39	
		For >200 To 300, Add	.....	3.19	
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	.....	0.86	
		For Up To 100, Add	.....	0.60	
		For >100 To 200, Add	.....	0.32	
		For >200 To 500, Add	.....	0.13	
03 21 16 00-0031	LF	#4, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar	.....	1.48	
		For Up To 100, Add	.....	1.04	
		For >100 To 200, Add	.....	0.56	
		For >200 To 500, Add	.....	0.22	
03 21 16 00-0032	LF	#5, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar	.....	2.22	
		For Up To 100, Add	.....	1.60	
		For >100 To 200, Add	.....	0.85	
		For >200 To 500, Add	.....	0.34	
03 21 16 00-0033	LF	#6, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar	.....	3.09	
		For Up To 100, Add	.....	2.26	
		For >100 To 200, Add	.....	1.20	
		For >200 To 500, Add	.....	0.48	
03 21 16 00-0034	LF	#3, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar	.....	0.88	
		For Up To 100, Add	.....	0.62	
		For >100 To 200, Add	.....	0.33	
		For >200 To 500, Add	.....	0.13	
03 21 16 00-0035	LF	#4, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar	.....	1.51	
		For Up To 100, Add	.....	1.07	
		For >100 To 200, Add	.....	0.57	
		For >200 To 500, Add	.....	0.23	
03 21 16 00-0036	LF	#5, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar	.....	2.26	
		For Up To 100, Add	.....	1.64	
		For >100 To 200, Add	.....	0.87	
		For >200 To 500, Add	.....	0.35	
03 21 16 00-0037	LF	#6, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar	.....	3.15	
		For Up To 100, Add	.....	2.32	
		For >100 To 200, Add	.....	1.23	
		For >200 To 500, Add	.....	0.49	
03 21 16 00-0038	LF	#3, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	.....	0.90	
		For Up To 100, Add	.....	0.64	
		For >100 To 200, Add	.....	0.34	
		For >200 To 500, Add	.....	0.14	
03 21 16 00-0039	LF	#4, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	.....	1.55	
		For Up To 100, Add	.....	1.11	
		For >100 To 200, Add	.....	0.59	
		For >200 To 500, Add	.....	0.24	
03 21 16 00-0040	LF	#5, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	.....	2.32	
		For Up To 100, Add	.....	1.70	
		For >100 To 200, Add	.....	0.90	
		For >200 To 500, Add	.....	0.36	
03 21 16 00-0041	LF	#6, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	.....	3.23	
		For Up To 100, Add	.....	2.40	
		For >100 To 200, Add	.....	1.27	
		For >200 To 500, Add	.....	0.51	
03 21 16 00-0042	LF	#7, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	.....	4.22	
		For Up To 100, Add	.....	2.48	
		For >100 To 200, Add	.....	1.43	
		For >200 To 400, Add	.....	0.67	
03 21 16 00-0043	LF	#8, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	.....	5.29	
		For Up To 100, Add	.....	3.16	
		For >100 To 200, Add	.....	1.81	
		For >200 To 400, Add	.....	0.66	
03 21 16 00-0044	LF	#9, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	.....	6.52	
		For Up To 100, Add	.....	3.95	
		For >100 To 200, Add	.....	2.26	
		For >200 To 400, Add	.....	1.07	
03 21 16 00-0045	LF	#10, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	.....	8.01	
		For Up To 100, Add	.....	3.99	
		For >100 To 200, Add	.....	2.13	
		For >200 To 300, Add	.....	1.07	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0046	LF	#11, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	9.58	
		For Up To 100, Add	4.83	
		For >100 To 200, Add	2.57	
		For >200 To 300, Add	1.28	
03 21 16 00-0047	LF	#14, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	13.37	
		For Up To 100, Add	6.83	
		For >100 To 200, Add	3.61	
		For >200 To 300, Add	1.81	
03 21 16 00-0048	LF	#18, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	22.97	
		For Up To 100, Add	11.90	
		For >100 To 200, Add	6.26	
		For >200 To 300, Add	3.13	
03 21 16 00-0049	LF	#6, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	3.32	
		For Up To 100, Add	2.49	
		For >100 To 200, Add	1.31	
		For >200 To 500, Add	0.53	
03 21 16 00-0050	LF	#7, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	4.34	
		For Up To 100, Add	2.57	
		For >100 To 200, Add	1.48	
		For >200 To 400, Add	0.70	
03 21 16 00-0051	LF	#8, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	5.44	
		For Up To 100, Add	3.28	
		For >100 To 200, Add	1.87	
		For >200 To 400, Add	0.89	
03 21 16 00-0052	LF	#9, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	6.72	
		For Up To 100, Add	4.10	
		For >100 To 200, Add	2.34	
		For >200 To 400, Add	1.11	
03 21 16 00-0053	LF	#10, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	8.26	
		For Up To 100, Add	4.14	
		For >100 To 200, Add	2.21	
		For >200 To 300, Add	1.10	
03 21 16 00-0054	LF	#11, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	9.89	
		For Up To 100, Add	5.02	
		For >100 To 200, Add	2.66	
		For >200 To 300, Add	1.33	
03 21 16 00-0055	LF	#14, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	13.81	
		For Up To 100, Add	7.09	
		For >100 To 200, Add	3.75	
		For >200 To 300, Add	1.87	
03 21 16 00-0056	LF	#18, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar	23.76	
		For Up To 100, Add	12.37	
		For >100 To 200, Add	6.50	
		For >200 To 300, Add	3.25	
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	0.76	
		For Up To 100, Add	0.56	
		For >100 To 200, Add	0.30	
		For >200 To 500, Add	0.12	
03 21 16 00-0059	LF	#4, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar	1.31	
		For Up To 100, Add	0.97	
		For >100 To 200, Add	0.52	
		For >200 To 500, Add	0.21	
03 21 16 00-0060	LF	#5, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar	2.00	
		For Up To 100, Add	1.51	
		For >100 To 200, Add	0.80	
		For >200 To 500, Add	0.32	
03 21 16 00-0061	LF	#6, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar	2.78	
		For Up To 100, Add	2.13	
		For >100 To 200, Add	1.12	
		For >200 To 500, Add	0.45	
03 21 16 00-0062	LF	#3, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar	0.78	
		For Up To 100, Add	0.58	
		For >100 To 200, Add	0.31	
		For >200 To 500, Add	0.12	
03 21 16 00-0063	LF	#4, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar	1.34	
03 21 16 00-0064	LF	#5, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar	2.04	
		For Up To 100, Add	1.55	
		For >100 To 200, Add	0.82	
		For >200 To 500, Add	0.33	
03 21 16 00-0065	LF	#6, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar	2.84	
		For Up To 100, Add	2.19	
		For >100 To 200, Add	1.15	
		For >200 To 500, Add	0.46	
03 21 16 00-0066	LF	#3, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	0.80	
		For Up To 100, Add	0.60	
		For >100 To 200, Add	0.32	
		For >200 To 500, Add	0.13	
03 21 16 00-0067	LF	#4, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	1.38	
		For Up To 100, Add	1.04	
		For >100 To 200, Add	0.55	
		For >200 To 500, Add	0.22	



		Concrete	03	3
		Concrete Reinforcing	03 20	
		Reinforcement Bars	03 21	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0068	LF	#5, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	.....	2.10	
		For Up To 100, Add	.....	1.61	
		For >100 To 200, Add	.....	0.65	
		For >200 To 500, Add	.....	0.34	
03 21 16 00-0069	LF	#6, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	.....	2.92	
		For Up To 100, Add	.....	2.27	
		For >100 To 200, Add	.....	1.19	
		For >200 To 500, Add	.....	0.48	
03 21 16 00-0070	LF	#7, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	.....	3.84	
		For Up To 100, Add	.....	2.35	
		For >100 To 200, Add	.....	1.34	
		For >200 To 400, Add	.....	0.64	
03 21 16 00-0071	LF	#8, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	.....	4.84	
		For Up To 100, Add	.....	3.01	
		For >100 To 200, Add	.....	1.70	
		For >200 To 400, Add	.....	0.81	
03 21 16 00-0072	LF	#9, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	.....	5.99	
		For Up To 100, Add	.....	3.76	
		For >100 To 200, Add	.....	2.12	
		For >200 To 400, Add	.....	1.02	
03 21 16 00-0073	LF	#10, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	.....	7.39	
		For Up To 100, Add	.....	3.80	
		For >100 To 200, Add	.....	2.01	
		For >200 To 300, Add	.....	1.00	
03 21 16 00-0074	LF	#11, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	.....	8.89	
		For Up To 100, Add	.....	4.62	
		For >100 To 200, Add	.....	2.43	
		For >200 To 300, Add	.....	1.22	
03 21 16 00-0075	LF	#14, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	.....	12.46	
		For Up To 100, Add	.....	6.56	
		For >100 To 200, Add	.....	3.43	
		For >200 To 300, Add	.....	1.72	
03 21 16 00-0076	LF	#18, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	.....	21.54	
		For Up To 100, Add	.....	11.47	
		For >100 To 200, Add	.....	5.98	
		For >200 To 300, Add	.....	2.99	
03 21 16 00-0077	LF	#6, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	.....	3.01	
		For Up To 100, Add	.....	2.36	
		For >100 To 200, Add	.....	1.24	
		For >200 To 500, Add	.....	0.49	
03 21 16 00-0078	LF	#7, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	.....	3.96	
		For Up To 100, Add	.....	2.44	
		For >100 To 200, Add	.....	1.38	
		For >200 To 400, Add	.....	0.66	
03 21 16 00-0079	LF	#8, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	.....	4.99	
		For Up To 100, Add	.....	3.12	
		For >100 To 200, Add	.....	1.76	
		For >200 To 400, Add	.....	0.84	
03 21 16 00-0080	LF	#9, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	.....	6.19	
		For Up To 100, Add	.....	3.91	
		For >100 To 200, Add	.....	2.20	
		For >200 To 400, Add	.....	1.06	
03 21 16 00-0081	LF	#10, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	.....	7.64	
		For Up To 100, Add	.....	3.95	
		For >100 To 200, Add	.....	2.08	
		For >200 To 300, Add	.....	1.04	
03 21 16 00-0082	LF	#11, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	.....	9.20	
		For Up To 100, Add	.....	4.81	
		For >100 To 200, Add	.....	2.52	
		For >200 To 300, Add	.....	1.26	
03 21 16 00-0083	LF	#14, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	.....	12.90	
		For Up To 100, Add	.....	6.82	
		For >100 To 200, Add	.....	3.56	
		For >200 To 300, Add	.....	1.78	
03 21 16 00-0084	LF	#18, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	.....	22.33	
		For Up To 100, Add	.....	11.94	
		For >100 To 200, Add	.....	6.21	
		For >200 To 300, Add	.....	3.11	
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	.....	0.74	
		For Up To 100, Add	.....	0.55	
		For >100 To 200, Add	.....	0.29	
		For >200 To 500, Add	.....	0.12	
03 21 16 00-0087	LF	#4, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	.....	1.28	
		For Up To 100, Add	.....	0.96	
		For >100 To 200, Add	.....	0.51	
		For >200 To 500, Add	.....	0.20	
03 21 16 00-0088	LF	#5, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	.....	1.94	
		For Up To 100, Add	.....	1.48	
		For >100 To 200, Add	.....	0.78	
		For >200 To 500, Add	.....	0.31	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0089	LF	#6, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	.....	2.70	
		For Up To 100, Add	.....	2.10	
		For >100 To 200, Add	.....	1.10	
		For >200 To 500, Add	.....	0.44	
03 21 16 00-0090	LF	#3, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	.....	0.76	
		For Up To 100, Add	.....	0.57	
		For >100 To 200, Add	.....	0.30	
		For >200 To 500, Add	.....	0.12	
03 21 16 00-0091	LF	#4, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	.....	1.31	
		For Up To 100, Add	.....	0.99	
		For >100 To 200, Add	.....	0.52	
		For >200 To 500, Add	.....	0.21	
03 21 16 00-0092	LF	#5, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	.....	1.98	
		For Up To 100, Add	.....	1.52	
		For >100 To 200, Add	.....	0.80	
		For >200 To 500, Add	.....	0.32	
03 21 16 00-0093	LF	#6, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	.....	2.76	
		For Up To 100, Add	.....	2.16	
		For >100 To 200, Add	.....	1.13	
		For >200 To 500, Add	.....	0.45	
03 21 16 00-0094	LF	#3, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	.....	0.78	
		For Up To 100, Add	.....	0.59	
		For >100 To 200, Add	.....	0.31	
		For >200 To 500, Add	.....	0.12	
03 21 16 00-0095	LF	#4, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	.....	1.35	
		For Up To 100, Add	.....	1.03	
		For >100 To 200, Add	.....	0.54	
		For >200 To 500, Add	.....	0.22	
03 21 16 00-0096	LF	#5, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	.....	2.04	
		For Up To 100, Add	.....	1.58	
		For >100 To 200, Add	.....	0.83	
		For >200 To 500, Add	.....	0.33	
03 21 16 00-0097	LF	#6, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	.....	2.84	
		For Up To 100, Add	.....	2.24	
		For >100 To 200, Add	.....	1.17	
		For >200 To 500, Add	.....	0.47	
03 21 16 00-0098	LF	#7, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	.....	3.76	
		For Up To 100, Add	.....	2.32	
		For >100 To 200, Add	.....	1.32	
		For >200 To 400, Add	.....	0.63	
03 21 16 00-0099	LF	#8, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	.....	4.74	
		For Up To 100, Add	.....	2.97	
		For >100 To 200, Add	.....	1.68	
		For >200 To 400, Add	.....	0.80	
03 21 16 00-0100	LF	#9, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	.....	5.88	
		For Up To 100, Add	.....	3.73	
		For >100 To 200, Add	.....	2.10	
		For >200 To 400, Add	.....	1.01	
03 21 16 00-0101	LF	#10, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	.....	7.26	
		For Up To 100, Add	.....	3.76	
		For >100 To 200, Add	.....	1.98	
		For >200 To 300, Add	.....	0.99	
03 21 16 00-0102	LF	#11, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	.....	8.76	
		For Up To 100, Add	.....	4.58	
		For >100 To 200, Add	.....	2.40	
		For >200 To 300, Add	.....	1.20	
03 21 16 00-0103	LF	#14, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	.....	12.27	
		For Up To 100, Add	.....	6.50	
		For >100 To 200, Add	.....	3.39	
		For >200 To 300, Add	.....	1.70	
03 21 16 00-0104	LF	#18, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	.....	21.26	
		For Up To 100, Add	.....	11.39	
		For >100 To 200, Add	.....	5.92	
		For >200 To 300, Add	.....	2.96	
03 21 16 00-0105	LF	#6, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	.....	2.93	
		For Up To 100, Add	.....	2.33	
		For >100 To 200, Add	.....	1.22	
		For >200 To 500, Add	.....	0.49	
03 21 16 00-0106	LF	#7, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	.....	3.88	
		For Up To 100, Add	.....	2.41	
		For >100 To 200, Add	.....	1.36	
		For >200 To 400, Add	.....	0.65	
03 21 16 00-0107	LF	#8, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	.....	4.89	
		For Up To 100, Add	.....	3.08	
		For >100 To 200, Add	.....	1.74	
		For >200 To 400, Add	.....	0.83	
03 21 16 00-0108	LF	#9, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	.....	6.08	
		For Up To 100, Add	.....	3.88	
		For >100 To 200, Add	.....	2.18	
		For >200 To 400, Add	.....	1.05	
03 21 16 00-0109	LF	#10, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	.....	7.51	
		For Up To 100, Add	.....	3.91	
		For >100 To 200, Add	.....	2.06	
		For >200 To 300, Add	.....	1.03	



		Concrete	03	3
		Concrete Reinforcing	03 20	
		Reinforcement Bars	03 21	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0110	LF	#11, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	9.07		
		For Up To 100, Add	4.77		
		For >100 To 200, Add	2.50		
		For >200 To 300, Add	1.25		
03 21 16 00-0111	LF	#14, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	12.71		
		For Up To 100, Add	6.76		
		For >100 To 200, Add	3.53		
		For >200 To 300, Add	1.76		
03 21 16 00-0112	LF	#18, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	22.05		
		For Up To 100, Add	11.86		
		For >100 To 200, Add	6.16		
		For >200 To 300, Add	3.08		
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.....	0.70		
		For Up To 100, Add	0.53		
		For >100 To 200, Add	0.28		
		For >200 To 500, Add	0.11		
03 21 16 00-0115	LF	#4, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	1.21		
		For Up To 100, Add	0.93		
		For >100 To 200, Add	0.49		
		For >200 To 500, Add	0.20		
03 21 16 00-0116	LF	#5, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	1.85		
		For Up To 100, Add	1.45		
		For >100 To 200, Add	0.76		
		For >200 To 500, Add	0.30		
03 21 16 00-0117	LF	#6, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	2.58		
		For Up To 100, Add	2.05		
		For >100 To 200, Add	1.07		
		For >200 To 500, Add	0.43		
03 21 16 00-0118	LF	#3, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	0.72		
		For Up To 100, Add	0.55		
		For >100 To 200, Add	0.29		
		For >200 To 500, Add	0.12		
03 21 16 00-0119	LF	#4, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	1.24		
		For Up To 100, Add	0.96		
		For >100 To 200, Add	0.51		
		For >200 To 500, Add	0.20		
03 21 16 00-0120	LF	#5, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	1.89		
		For Up To 100, Add	1.49		
		For >100 To 200, Add	0.78		
		For >200 To 500, Add	0.31		
03 21 16 00-0121	LF	#6, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	2.64		
		For Up To 100, Add	2.11		
		For >100 To 200, Add	1.10		
		For >200 To 500, Add	0.44		
03 21 16 00-0122	LF	#3, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	0.74		
		For Up To 100, Add	0.57		
		For >100 To 200, Add	0.30		
		For >200 To 500, Add	0.12		
03 21 16 00-0123	LF	#4, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	1.28		
		For Up To 100, Add	1.00		
		For >100 To 200, Add	0.53		
		For >200 To 500, Add	0.21		
03 21 16 00-0124	LF	#5, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	1.95		
		For Up To 100, Add	1.55		
		For >100 To 200, Add	0.81		
		For >200 To 500, Add	0.32		
03 21 16 00-0125	LF	#6, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	2.72		
		For Up To 100, Add	2.19		
		For >100 To 200, Add	1.14		
		For >200 To 500, Add	0.46		
03 21 16 00-0126	LF	#7, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	3.61		
		For Up To 100, Add	2.27		
		For >100 To 200, Add	1.28		
		For >200 To 400, Add	0.61		
03 21 16 00-0127	LF	#8, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	4.55		
		For Up To 100, Add	2.90		
		For >100 To 200, Add	1.63		
		For >200 To 400, Add	0.78		
03 21 16 00-0128	LF	#9, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	5.67		
		For Up To 100, Add	3.65		
		For >100 To 200, Add	2.04		
		For >200 To 400, Add	0.98		
03 21 16 00-0129	LF	#10, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	7.02		
		For Up To 100, Add	3.69		
		For >100 To 200, Add	1.93		
		For >200 To 300, Add	0.97		
03 21 16 00-0130	LF	#11, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	8.47		
		For Up To 100, Add	4.50		
		For >100 To 200, Add	2.35		
		For >200 To 300, Add	1.17		



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0131	LF	#14, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	.....	11.92	
		For Up To 100, Add	.....	6.39	
		For >100 To 200, Add	.....	3.32	
		For >200 To 300, Add	.....	1.66	
03 21 16 00-0132	LF	#18, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	.....	20.69	
		For Up To 100, Add	.....	11.21	
		For >100 To 200, Add	.....	5.81	
		For >200 To 300, Add	.....	2.90	
03 21 16 00-0133	LF	#6, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	.....	2.81	
		For Up To 100, Add	.....	2.28	
		For >100 To 200, Add	.....	1.19	
		For >200 To 500, Add	.....	0.47	
03 21 16 00-0134	LF	#7, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	.....	3.73	
		For Up To 100, Add	.....	2.36	
		For >100 To 200, Add	.....	1.33	
		For >200 To 400, Add	.....	0.64	
03 21 16 00-0135	LF	#8, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	.....	4.70	
		For Up To 100, Add	.....	3.02	
		For >100 To 200, Add	.....	1.69	
		For >200 To 400, Add	.....	0.81	
03 21 16 00-0136	LF	#9, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	.....	5.87	
		For Up To 100, Add	.....	3.80	
		For >100 To 200, Add	.....	2.12	
		For >200 To 400, Add	.....	1.02	
03 21 16 00-0137	LF	#10, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	.....	7.27	
		For Up To 100, Add	.....	3.84	
		For >100 To 200, Add	.....	2.01	
		For >200 To 300, Add	.....	1.00	
03 21 16 00-0138	LF	#11, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	.....	8.78	
		For Up To 100, Add	.....	4.68	
		For >100 To 200, Add	.....	2.44	
		For >200 To 300, Add	.....	1.22	
03 21 16 00-0139	LF	#14, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	.....	12.36	
		For Up To 100, Add	.....	6.66	
		For >100 To 200, Add	.....	3.46	
		For >200 To 300, Add	.....	1.73	
03 21 16 00-0140	LF	#18, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar	.....	21.48	
		For Up To 100, Add	.....	11.69	
		For >100 To 200, Add	.....	6.04	
		For >200 To 300, Add	.....	3.02	
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	.....	0.68	
		For Up To 100, Add	.....	0.52	
		For >100 To 200, Add	.....	0.28	
		For >200 To 500, Add	.....	0.11	
03 21 16 00-0143	LF	#4, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar	.....	1.18	
		For Up To 100, Add	.....	0.92	
		For >100 To 200, Add	.....	0.48	
		For >200 To 500, Add	.....	0.19	
03 21 16 00-0144	LF	#5, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar	.....	1.80	
		For Up To 100, Add	.....	1.43	
		For >100 To 200, Add	.....	0.75	
		For >200 To 500, Add	.....	0.30	
03 21 16 00-0145	LF	#6, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar	.....	2.52	
		For Up To 100, Add	.....	2.03	
		For >100 To 200, Add	.....	1.06	
		For >200 To 500, Add	.....	0.42	
03 21 16 00-0146	LF	#3, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar	.....	0.70	
		For Up To 100, Add	.....	0.54	
		For >100 To 200, Add	.....	0.29	
		For >200 To 500, Add	.....	0.11	
03 21 16 00-0147	LF	#4, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar	.....	1.21	
		For Up To 100, Add	.....	0.95	
		For >100 To 200, Add	.....	0.50	
		For >200 To 500, Add	.....	0.20	
03 21 16 00-0148	LF	#5, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar	.....	1.84	
		For Up To 100, Add	.....	1.47	
		For >100 To 200, Add	.....	0.77	
		For >200 To 500, Add	.....	0.31	
03 21 16 00-0149	LF	#6, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar	.....	2.58	
		For Up To 100, Add	.....	2.09	
		For >100 To 200, Add	.....	1.09	
		For >200 To 500, Add	.....	0.43	
03 21 16 00-0150	LF	#3, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	.....	0.72	
		For Up To 100, Add	.....	0.56	
		For >100 To 200, Add	.....	0.30	
		For >200 To 500, Add	.....	0.12	
03 21 16 00-0151	LF	#4, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar	.....	1.25	
		For Up To 100, Add	.....	0.99	
		For >100 To 200, Add	.....	0.52	
		For >200 To 500, Add	.....	0.21	



		Concrete	03	CS
		Concrete Reinforcing	03 20	
		Reinforcement Bars	03 21	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0152	LF	#5, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	1.90	
		For Up To 100, Add	1.53	
		For >100 To 200, Add	0.60	
		For >200 To 500, Add	0.32	
03 21 16 00-0153	LF	#6, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	2.66	
		For Up To 100, Add	2.17	
		For >100 To 200, Add	1.13	
		For >200 To 500, Add	0.45	
03 21 16 00-0154	LF	#7, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	3.51	
		For Up To 100, Add	2.23	
		For >100 To 200, Add	1.25	
		For >200 To 400, Add	0.60	
03 21 16 00-0155	LF	#8, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	4.47	
		For Up To 100, Add	2.88	
		For >100 To 200, Add	1.61	
		For >200 To 400, Add	0.78	
03 21 16 00-0156	LF	#9, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	5.57	
		For Up To 100, Add	3.62	
		For >100 To 200, Add	2.02	
		For >200 To 400, Add	0.97	
03 21 16 00-0157	LF	#10, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	6.90	
		For Up To 100, Add	3.65	
		For >100 To 200, Add	1.91	
		For >200 To 300, Add	0.95	
03 21 16 00-0158	LF	#11, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	8.34	
		For Up To 100, Add	4.46	
		For >100 To 200, Add	2.32	
		For >200 To 300, Add	1.16	
03 21 16 00-0159	LF	#14, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	11.74	
		For Up To 100, Add	6.34	
		For >100 To 200, Add	3.29	
		For >200 To 300, Add	1.64	
03 21 16 00-0160	LF	#18, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	20.41	
		For Up To 100, Add	11.13	
		For >100 To 200, Add	5.75	
		For >200 To 300, Add	2.88	
03 21 16 00-0161	LF	#6, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	2.75	
		For Up To 100, Add	2.26	
		For >100 To 200, Add	1.17	
		For >200 To 500, Add	0.47	
03 21 16 00-0162	LF	#7, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	3.63	
		For Up To 100, Add	2.32	
		For >100 To 200, Add	1.30	
		For >200 To 400, Add	0.63	
03 21 16 00-0163	LF	#8, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	4.62	
		For Up To 100, Add	2.99	
		For >100 To 200, Add	1.67	
		For >200 To 400, Add	0.81	
03 21 16 00-0164	LF	#9, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	5.77	
		For Up To 100, Add	3.77	
		For >100 To 200, Add	2.10	
		For >200 To 400, Add	1.01	
03 21 16 00-0165	LF	#10, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	7.15	
		For Up To 100, Add	3.80	
		For >100 To 200, Add	1.98	
		For >200 To 300, Add	0.99	
03 21 16 00-0166	LF	#11, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	8.65	
		For Up To 100, Add	4.64	
		For >100 To 200, Add	2.41	
		For >200 To 300, Add	1.21	
03 21 16 00-0167	LF	#14, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	12.18	
		For Up To 100, Add	6.60	
		For >100 To 200, Add	3.42	
		For >200 To 300, Add	1.71	
03 21 16 00-0168	LF	#18, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	21.20	
		For Up To 100, Add	11.60	
		For >100 To 200, Add	5.99	
		For >200 To 300, Add	2.99	
03 21 16 00-0169		Epoxy Coated Deformed Straight Dowels (03 21 16)		
		Note: Excludes drilling. See CSI section 02 41 19 13-0279 for drilling in concrete.		
03 21 16 00-0170	EA	3/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	4.55	
		For Up To 12" Length, Deduct	-0.48	
		For >12" To <24" Length, Deduct	-0.24	
03 21 16 00-0171	EA	1/2" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	5.39	
		For Up To 12" Length, Deduct	-0.72	
		For >12" To <24" Length, Deduct	-0.36	
03 21 16 00-0172	EA	5/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	6.70	
		For Up To 12" Length, Deduct	-1.07	
		For >12" To <24" Length, Deduct	-0.54	
03 21 16 00-0173	EA	3/4" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	8.33	
		For Up To 12" Length, Deduct	-1.42	
		For >12" To <24" Length, Deduct	-0.71	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0174	EA	7/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel..... <i>For Up To 12" Length, Deduct</i> <i>For >12" To <24" Length, Deduct</i>	10.06 -1.94 -0.97	
03 21 16 00-0175	EA	1" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel..... <i>For Up To 12" Length, Deduct</i> <i>For >12" To <24" Length, Deduct</i>	11.72 -2.39 -1.19	
03 21 16 00-0176	EA	1-1/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel..... <i>For Up To 12" Length, Deduct</i> <i>For >12" To <24" Length, Deduct</i>	13.84 -2.89 -1.44	
03 21 16 00-0177	EA	1-1/4" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel..... <i>For Up To 12" Length, Deduct</i> <i>For >12" To <24" Length, Deduct</i>	16.67 -3.50 -1.75	

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)..... <i>For >5 Ton, Deduct</i>	0.98 -0.14	
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)..... <i>For >5 Ton, Deduct</i>	1.12 -0.16	
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)..... <i>For >5 Ton, Deduct</i>	1.31 -0.18	
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)..... <i>For >5 Ton, Deduct</i>	1.60 -0.21	
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)..... <i>For >5 Ton, Deduct</i>	1.20 -0.17	
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)..... <i>For >5 Ton, Deduct</i>	1.38 -0.19	
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)..... <i>For >5 Ton, Deduct</i>	1.82 -0.24	
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)..... <i>For >5 Ton, Deduct</i>	2.17 -0.28	
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)..... <i>For >5 Ton, Deduct</i>	2.08 -0.25	

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.

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)..... <i>For >5 Ton, Deduct</i>	1.13 -0.16	
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)..... <i>For >5 Ton, Deduct</i>	1.30 -0.18	
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)..... <i>For >5 Ton, Deduct</i>	1.55 -0.21	
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)..... <i>For >5 Ton, Deduct</i>	1.93 -0.25	
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)..... <i>For >5 Ton, Deduct</i>	1.41 -0.19	
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)..... <i>For >5 Ton, Deduct</i>	1.64 -0.21	
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)..... <i>For >5 Ton, Deduct</i>	2.25 -0.28	
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)..... <i>For >5 Ton, Deduct</i>	2.70 -0.33	

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)..... <i>For >5 Ton, Deduct</i>	3.67 -0.55	

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)..... <i>For >5 Ton, Deduct</i>	1.11 -0.15	
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)..... <i>For >5 Ton, Deduct</i>	1.28 -0.17	
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)..... <i>For >5 Ton, Deduct</i>	1.52 -0.20	
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)..... <i>For >5 Ton, Deduct</i>	1.89 -0.24	



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

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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).....	1.38	
		For >5 Ton, Deduct.....	-0.18	
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).....	1.61	
		For >5 Ton, Deduct.....	-0.21	
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).....	2.20	
		For >5 Ton, Deduct.....	-0.27	
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).....	2.63	
		For >5 Ton, Deduct.....	-0.32	
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.....	2.12	
03 22 23 00-0003	SF	4" x 4" x #10, Stainless Steel Welded Wire Fabric Reinforcing Placed In Floors Or Slabs.....	2.77	
03 30 Cast-In-Place Concrete (03)				
See CSI section 01 74 19 00-0048 for hauling over 15 miles.				
03 30 53 Miscellaneous Cast-in-Place Concrete (03 30)				
03 30 53 00-0001		Place Concrete Duct Bank (03 30 53)		
03 30 53 00-0002	CY	Direct Chute, Place 3,000 PSI Concrete Duct Bank.....	177.99	
		For 2,000 PSI Concrete, Deduct.....	-7.63	
		For 2,500 PSI Concrete, Deduct.....	-3.81	
		For 3,500 PSI Concrete, Add.....	7.06	
		For 3,750 PSI Concrete, Add.....	9.60	
		For 4,000 PSI Concrete, Add.....	12.14	
		For 4,500 PSI Concrete, Add.....	14.12	
		For 5,000 PSI Concrete, Add.....	16.10	
		For 6,000 PSI Concrete, Add.....	38.13	
		For White Cement Concrete, Add.....	16.95	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add.....	18.36	
		For High Early Strength, Type 3 ASTM C150, Add.....	14.12	
		For Lightweight Aggregate, ASTM C330, Add.....	49.43	
		For Up To 20, Add.....	14.71	
		For >20 To 50, Add.....	5.52	
		For >100 To 200, Deduct.....	-3.56	
		For >200 To 400, Deduct.....	-7.12	
		For >400, Deduct.....	-10.68	
03 30 53 00-0003		Place Concrete Thrust Blocks And Backfill (03 30 53)		
03 30 53 00-0004	CY	Direct Chute, Place 3,000 PSI Concrete Thrust Blocks.....	224.23	
		For 2,000 PSI Concrete, Deduct.....	-7.63	
		For 2,500 PSI Concrete, Deduct.....	-3.81	
		For 3,500 PSI Concrete, Add.....	7.06	
		For 3,750 PSI Concrete, Add.....	9.60	
		For 4,000 PSI Concrete, Add.....	12.14	
		For 4,500 PSI Concrete, Add.....	14.12	
		For 5,000 PSI Concrete, Add.....	16.10	
		For 6,000 PSI Concrete, Add.....	38.13	
		For White Cement Concrete, Add.....	16.95	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add.....	18.36	
		For High Early Strength, Type 3 ASTM C150, Add.....	14.12	
		For Lightweight Aggregate, ASTM C330, Add.....	49.43	
		For Up To 20, Add.....	33.20	
		For >20 To 50, Add.....	12.45	
		For >100 To 200, Deduct.....	-4.48	
		For >200 To 400, Deduct.....	-8.97	
		For >400, Deduct.....	-13.45	
03 30 53 00-0005	CY	Concrete Pump, Place 3,000 PSI Concrete Thrust Blocks.....	221.35	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct.....	-8.26	
		For 2,500 PSI Concrete, Deduct.....	-4.13	
		For 3,500 PSI Concrete, Add.....	7.65	
		For 3,750 PSI Concrete, Add.....	10.40	
		For 4,000 PSI Concrete, Add.....	13.16	
		For 4,500 PSI Concrete, Add.....	15.30	
		For 5,000 PSI Concrete, Add.....	17.44	
		For 6,000 PSI Concrete, Add.....	41.31	
		For White Cement Concrete, Add.....	18.36	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add.....	19.89	
		For High Early Strength, Type 3 ASTM C150, Add.....	15.30	
		For Lightweight Aggregate, ASTM C330, Add.....	53.55	
03 30 53 00-0006		Place Concrete Slurry (03 30 53)		
03 30 53 00-0007	CY	Direct Chute, Place Two Sack Cement, Concrete Slurry.....	167.52	
		Note: Two 94# sack cement per CY.		

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

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 30 53 00-0008	CY	Concrete Pump, Place Two Sack Cement, Concrete Slurry.....	160.20	
		Note: Two 94# sack cement per CY. Excludes pumping equipment.		
03 30 53 00-0009	CY	Direct Chute, Place One Sack Cement, Concrete Slurry.....	144.33	
		Note: One 94# sack cement per CY.		
03 30 53 00-0010	CY	Concrete Pump, Place One Sack Cement, Concrete Slurry.....	137.01	
		Note: One 94# sack cement per CY. Excludes pumping equipment.		
03 30 53 00-0011		Hand Mix And Place Concrete (03 30 53)		
03 30 53 00-0012	CF	Hand Mix And Place 3,000 PSI Concrete.....	18.57	
		Note: For use where conventional equipment access is limited or when directed by the owner. Includes local aggregate, sand, bagged cement (Type I) and water.		
		For Up To 25 CF, Add	2.16	
		For 2,000 PSI Concrete, Deduct	-0.33	
		For 2,500 PSI Concrete, Deduct	-0.16	
		For 3,500 PSI Concrete, Add	0.30	
		For 3,750 PSI Concrete, Add	0.41	
		For 4,000 PSI Concrete, Add	0.52	
		For 4,500 PSI Concrete, Add	0.60	
		For 5,000 PSI Concrete, Add	0.69	
		For 6,000 PSI Concrete, Add	1.63	
		For White Cement Concrete, Add	0.72	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	0.79	
		For High Early Strength, Type 3 ASTM C150, Add	0.60	
		For Lightweight Aggregate, ASTM C330, Add	2.11	
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 31 13 00-0086 for small concrete purchases (short load), 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 Slab Assembly.....	7.63	
		For 2,000 PSI Concrete, Deduct	-0.19	
		For 2,500 PSI Concrete, Deduct	-0.09	
		For 3,500 PSI Concrete, Add	0.07	
		For 4,000 PSI Concrete, Add	0.22	
		For 4,500 PSI Concrete, Add	0.27	
		For 5,000 PSI Concrete, Add	0.31	
		For Reinforcing Rods Are At 18" On Center, Deduct	-0.45	
		For Reinforcing Rods Are At 24" On Center, Deduct	-0.66	
		For Up To 500, Add	3.21	
		For >500 To 1,000, Add	2.19	
		For >1,000 To 2,000, Add	1.18	
		For >2,000 To 5,000, Add	0.59	
		For >10,000 To 20,000, Deduct	-0.17	
		For >20,000 To 35,000, Deduct	-0.36	
		For >35,000 To 50,000, Deduct	-0.55	
		For >50,000 To 70,000, Deduct	-0.74	
		For >70,000, Deduct	-0.93	
03 31 13 00-0004	SF	5" 3,000 PSI Slab On Grade Concrete Slab Assembly.....	8.28	
		For 2,000 PSI Concrete, Deduct	-0.21	
		For 2,500 PSI Concrete, Deduct	-0.11	
		For 3,500 PSI Concrete, Add	0.07	
		For 4,000 PSI Concrete, Add	0.25	
		For 4,500 PSI Concrete, Add	0.31	
		For 5,000 PSI Concrete, Add	0.35	
		For Reinforcing Rods Are At 18" On Center, Deduct	-0.45	
		For Reinforcing Rods Are At 24" On Center, Deduct	-0.66	
		For Up To 500, Add	3.41	
		For >500 To 1,000, Add	2.34	
		For >1,000 To 2,000, Add	1.27	
		For >2,000 To 5,000, Add	0.63	
		For >10,000 To 20,000, Deduct	-0.19	
		For >20,000 To 35,000, Deduct	-0.40	
		For >35,000 To 50,000, Deduct	-0.61	
		For >50,000 To 70,000, Deduct	-0.82	
		For >70,000, Deduct	-1.02	



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

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
03 31 13 00-0005	SF 6" 3,000 PSI Slab On Grade Concrete Slab Assembly.....	9.24		
	For 2,000 PSI Concrete, Deduct	-0.25		
	For 2,500 PSI Concrete, Deduct	-0.12		
	For 3,500 PSI Concrete, Add	0.09		
	For 4,000 PSI Concrete, Add	0.29		
	For 4,500 PSI Concrete, Add	0.36		
	For 5,000 PSI Concrete, Add	0.41		
	For Reinforcing Rods Are At 18" On Center, Deduct	-0.45		
	For Reinforcing Rods Are At 24" On Center, Deduct	-0.66		
	For Up To 500, Add	3.72		
	For >500 To 1,000, Add	2.56		
	For >1,000 To 2,000, Add	1.39		
	For >2,000 To 5,000, Add	0.70		
	For >10,000 To 20,000, Deduct	-0.23		
	For >20,000 To 35,000, Deduct	-0.46		
	For >35,000 To 50,000, Deduct	-0.69		
	For >50,000 To 70,000, Deduct	-0.92		
	For >70,000, Deduct	-1.15		
03 31 13 00-0006	SF 7" 3,000 PSI Slab On Grade Concrete Slab Assembly.....	10.12		
	For 2,000 PSI Concrete, Deduct	-0.28		
	For 2,500 PSI Concrete, Deduct	-0.14		
	For 3,500 PSI Concrete, Add	0.10		
	For 4,000 PSI Concrete, Add	0.33		
	For 4,500 PSI Concrete, Add	0.41		
	For 5,000 PSI Concrete, Add	0.48		
	For Reinforcing Rods Are At 18" On Center, Deduct	-0.45		
	For Reinforcing Rods Are At 24" On Center, Deduct	-0.66		
	For Up To 500, Add	3.98		
	For >500 To 1,000, Add	2.74		
	For >1,000 To 2,000, Add	1.50		
	For >2,000 To 5,000, Add	0.75		
	For >10,000 To 20,000, Deduct	-0.26		
	For >20,000 To 35,000, Deduct	-0.52		
	For >35,000 To 50,000, Deduct	-0.77		
	For >50,000 To 70,000, Deduct	-1.02		
	For >70,000, Deduct	-1.27		
03 31 13 00-0007	SF 8" 3,000 PSI Slab On Grade Concrete Slab Assembly.....	10.88		
	For 2,000 PSI Concrete, Deduct	-0.31		
	For 2,500 PSI Concrete, Deduct	-0.16		
	For 3,500 PSI Concrete, Add	0.11		
	For 4,000 PSI Concrete, Add	0.37		
	For 4,500 PSI Concrete, Add	0.46		
	For 5,000 PSI Concrete, Add	0.53		
	For Reinforcing Rods Are At 18" On Center, Deduct	-0.45		
	For Reinforcing Rods Are At 24" On Center, Deduct	-0.66		
	For Up To 500, Add	4.21		
	For >500 To 1,000, Add	2.90		
	For >1,000 To 2,000, Add	1.60		
	For >2,000 To 5,000, Add	0.80		
	For >10,000 To 20,000, Deduct	-0.29		
	For >20,000 To 35,000, Deduct	-0.56		
	For >35,000 To 50,000, Deduct	-0.83		
	For >50,000 To 70,000, Deduct	-1.11		
	For >70,000, Deduct	-1.38		
03 31 13 00-0008	SF 10" 3,000 PSI Slab On Grade Concrete Slab Assembly.....	12.78		
	For 2,000 PSI Concrete, Deduct	-0.40		
	For 2,500 PSI Concrete, Deduct	-0.20		
	For 3,500 PSI Concrete, Add	0.14		
	For 4,000 PSI Concrete, Add	0.46		
	For 4,500 PSI Concrete, Add	0.58		
	For 5,000 PSI Concrete, Add	0.67		
	For Reinforcing Rods Are At 18" On Center, Deduct	-0.45		
	For Reinforcing Rods Are At 24" On Center, Deduct	-0.66		
	For Up To 500, Add	4.74		
	For >500 To 1,000, Add	3.28		
	For >1,000 To 2,000, Add	1.82		
	For >2,000 To 5,000, Add	0.91		
	For >10,000 To 20,000, Deduct	-0.37		
	For >20,000 To 35,000, Deduct	-0.69		
	For >35,000 To 50,000, Deduct	-1.01		
	For >50,000 To 70,000, Deduct	-1.32		
	For >70,000, Deduct	-1.64		

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 00-0009	SF	12" 3,000 PSI Slab On Grade Concrete Slab Assembly	14.30	
		For 2,000 PSI Concrete, Deduct	-0.46	
		For 2,500 PSI Concrete, Deduct	-0.23	
		For 3,500 PSI Concrete, Add	0.16	
		For 4,000 PSI Concrete, Add	0.53	
		For 4,500 PSI Concrete, Add	0.67	
		For 5,000 PSI Concrete, Add	0.77	
		For Reinforcing Rods Are At 18" On Center, Deduct	-0.45	
		For Reinforcing Rods Are At 24" On Center, Deduct	-0.66	
		For Up To 500, Add	5.20	
		For >500 To 1,000, Add	3.61	
		For >1,000 To 2,000, Add	2.02	
		For >2,000 To 5,000, Add	1.01	
		For >10,000 To 20,000, Deduct	-0.42	
		For >20,000 To 35,000, Deduct	-0.78	
		For >35,000 To 50,000, Deduct	-1.14	
		For >50,000 To 70,000, Deduct	-1.49	
		For >70,000, Deduct	-1.85	
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 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	277.33	
		For 2,000 PSI Concrete, Deduct	-7.63	
		For 2,500 PSI Concrete, Deduct	-3.81	
		For 3,500 PSI Concrete, Add	7.06	
		For 3,750 PSI Concrete, Add	9.60	
		For 4,000 PSI Concrete, Add	12.14	
		For 4,500 PSI Concrete, Add	14.12	
		For 5,000 PSI Concrete, Add	16.10	
		For 6,000 PSI Concrete, Add	38.13	
		For White Cement Concrete, Add	16.95	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.36	
		For High Early Strength, Type 3 ASTM C150, Add	14.12	
		For Lightweight Aggregate, ASTM C330, Add	49.43	
		For Up To 20, Add	54.44	
		For >20 To 50, Add	20.42	
		For >100 To 200, Deduct	-5.55	
		For >200 To 400, Deduct	-11.09	
		For >400, Deduct	-16.64	
03 31 13 00-0014	CY	Direct Chute, Place 3,000 PSI Concrete Pile Caps	202.26	
		For 2,000 PSI Concrete, Deduct	-7.63	
		For 2,500 PSI Concrete, Deduct	-3.81	
		For 3,500 PSI Concrete, Add	7.06	
		For 3,750 PSI Concrete, Add	9.60	
		For 4,000 PSI Concrete, Add	12.14	
		For 4,500 PSI Concrete, Add	14.12	
		For 5,000 PSI Concrete, Add	16.10	
		For 6,000 PSI Concrete, Add	38.13	
		For White Cement Concrete, Add	16.95	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.36	
		For High Early Strength, Type 3 ASTM C150, Add	14.12	
		For Lightweight Aggregate, ASTM C330, Add	49.43	
		For Up To 20, Add	24.42	
		For >20 To 50, Add	9.16	
		For >100 To 200, Deduct	-4.05	
		For >200 To 400, Deduct	-8.09	
		For >400, Deduct	-12.14	
03 31 13 00-0015	CY	Concrete Pump, Place 3,000 PSI Concrete Pile Caps.....	211.12	
		Note: Excludes pumping equipment.		
		For 2,000 PSI Concrete, Deduct	-8.26	
		For 2,500 PSI Concrete, Deduct	-4.13	
		For 3,500 PSI Concrete, Add	7.65	
		For 3,750 PSI Concrete, Add	10.40	
		For 4,000 PSI Concrete, Add	13.16	
		For 4,500 PSI Concrete, Add	15.30	
		For 5,000 PSI Concrete, Add	17.44	
		For 6,000 PSI Concrete, Add	41.31	
		For White Cement Concrete, Add	18.36	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.89	
		For High Early Strength, Type 3 ASTM C150, Add	15.30	
		For Lightweight Aggregate, ASTM C330, Add	53.55	
		For Up To 20, Add	23.25	
		For >20 To 50, Add	8.72	
		For >100 To 200, Deduct	-4.22	
		For >200 To 400, Deduct	-8.44	
		For >400, Deduct	-12.67	
03 31 13 00-0016		Place Concrete Continuous Footings (03 31 13 00-0011)		



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

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
03 31 13 00-0017	CY Crane And Bucket, Place 3,000 PSI Concrete Continuous Footings.....	262.21		
	For 2,000 PSI Concrete, Deduct	-7.63		
	For 2,500 PSI Concrete, Deduct	-3.81		
	For 3,500 PSI Concrete, Add	7.06		
	For 3,750 PSI Concrete, Add	9.60		
	For 4,000 PSI Concrete, Add	12.14		
	For 4,500 PSI Concrete, Add	14.12		
	For 5,000 PSI Concrete, Add	16.10		
	For 6,000 PSI Concrete, Add	38.13		
	For White Cement Concrete, Add	16.95		
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.36		
	For High Early Strength, Type 3 ASTM C150, Add	14.12		
	For Lightweight Aggregate, ASTM C330, Add	49.43		
	For Up To 20, Add	48.40		
	For >20 To 50, Add	18.15		
	For >100 To 200, Deduct	-5.24		
	For >200 To 400, Deduct	-10.49		
	For >400, Deduct	-15.73		
03 31 13 00-0018	CY Direct Chute, Place 3,000 PSI Concrete Continuous Footings.....	195.48		
	For 2,000 PSI Concrete, Deduct	-7.63		
	For 2,500 PSI Concrete, Deduct	-3.81		
	For 3,500 PSI Concrete, Add	7.06		
	For 3,750 PSI Concrete, Add	9.60		
	For 4,000 PSI Concrete, Add	12.14		
	For 4,500 PSI Concrete, Add	14.12		
	For 5,000 PSI Concrete, Add	16.10		
	For 6,000 PSI Concrete, Add	38.13		
	For White Cement Concrete, Add	16.95		
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.36		
	For High Early Strength, Type 3 ASTM C150, Add	14.12		
	For Lightweight Aggregate, ASTM C330, Add	49.43		
	For Up To 20, Add	21.70		
	For >20 To 50, Add	8.14		
	For >100 To 200, Deduct	-3.91		
	For >200 To 400, Deduct	-7.82		
	For >400, Deduct	-11.73		
03 31 13 00-0019	CY Concrete Pump, Place 3,000 PSI Concrete Continuous Footings.....	204.66		
	Note: Excludes pumping equipment.			
	For 2,000 PSI Concrete, Deduct	-8.26		
	For 2,500 PSI Concrete, Deduct	-4.13		
	For 3,500 PSI Concrete, Add	7.65		
	For 3,750 PSI Concrete, Add	10.40		
	For 4,000 PSI Concrete, Add	13.16		
	For 4,500 PSI Concrete, Add	15.30		
	For 5,000 PSI Concrete, Add	17.44		
	For 6,000 PSI Concrete, Add	41.31		
	For White Cement Concrete, Add	18.36		
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.89		
	For High Early Strength, Type 3 ASTM C150, Add	15.30		
	For Lightweight Aggregate, ASTM C330, Add	53.55		
	For Up To 20, Add	20.67		
	For >20 To 50, Add	7.75		
	For >100 To 200, Deduct	-4.09		
	For >200 To 400, Deduct	-8.19		
	For >400, Deduct	-12.28		
03 31 13 00-0020	Place Concrete Spread Footings (03 31 13 00-0011)			
03 31 13 00-0021	CY Crane And Bucket, Place 3,000 PSI Concrete Spread Footings.....	345.39		
	For 2,000 PSI Concrete, Deduct	-7.63		
	For 2,500 PSI Concrete, Deduct	-3.81		
	For 3,500 PSI Concrete, Add	7.06		
	For 3,750 PSI Concrete, Add	9.60		
	For 4,000 PSI Concrete, Add	12.14		
	For 4,500 PSI Concrete, Add	14.12		
	For 5,000 PSI Concrete, Add	16.10		
	For 6,000 PSI Concrete, Add	38.13		
	For White Cement Concrete, Add	16.95		
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.36		
	For High Early Strength, Type 3 ASTM C150, Add	14.12		
	For Lightweight Aggregate, ASTM C330, Add	49.43		
	For Up To 20, Add	81.67		
	For >20 To 50, Add	30.63		
	For >100 To 200, Deduct	-6.91		
	For >200 To 400, Deduct	-13.82		
	For >400, Deduct	-20.72		

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 00-0022	CY		Direct Chute, Place 3,000 PSI Concrete Spread Footings.....	232.78	
			For 2,000 PSI Concrete, Deduct	-7.63	
			For 2,500 PSI Concrete, Deduct	-3.81	
			For 3,500 PSI Concrete, Add	7.06	
			For 3,750 PSI Concrete, Add	9.60	
			For 4,000 PSI Concrete, Add	12.14	
			For 4,500 PSI Concrete, Add	14.12	
			For 5,000 PSI Concrete, Add	16.10	
			For 6,000 PSI Concrete, Add	38.13	
			For White Cement Concrete, Add	16.95	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.36	
			For High Early Strength, Type 3 ASTM C150, Add	14.12	
			For Lightweight Aggregate, ASTM C330, Add	49.43	
			For Up To 20, Add	36.62	
			For >20 To 50, Add	13.73	
			For >100 To 200, Deduct	-4.66	
			For >200 To 400, Deduct	-9.31	
			For >400, Deduct	-13.97	
03 31 13 00-0023	CY		Concrete Pump, Place 3,000 PSI Concrete Spread Footings.....	240.19	
			Note: Excludes pumping equipment.		
			For 2,000 PSI Concrete, Deduct	-8.26	
			For 2,500 PSI Concrete, Deduct	-4.13	
			For 3,500 PSI Concrete, Add	7.65	
			For 3,750 PSI Concrete, Add	10.40	
			For 4,000 PSI Concrete, Add	13.16	
			For 4,500 PSI Concrete, Add	15.30	
			For 5,000 PSI Concrete, Add	17.44	
			For 6,000 PSI Concrete, Add	41.31	
			For White Cement Concrete, Add	18.36	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.89	
			For High Early Strength, Type 3 ASTM C150, Add	15.30	
			For Lightweight Aggregate, ASTM C330, Add	53.55	
			For Up To 20, Add	34.88	
			For >20 To 50, Add	13.08	
			For >100 To 200, Deduct	-4.80	
			For >200 To 400, Deduct	-9.61	
			For >400, Deduct	-14.41	
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.....	177.52	
			For 2,000 PSI Concrete, Deduct	-7.63	
			For 2,500 PSI Concrete, Deduct	-3.81	
			For 3,500 PSI Concrete, Add	7.06	
			For 3,750 PSI Concrete, Add	9.60	
			For 4,000 PSI Concrete, Add	12.14	
			For 4,500 PSI Concrete, Add	14.12	
			For 5,000 PSI Concrete, Add	16.10	
			For 6,000 PSI Concrete, Add	38.13	
			For White Cement Concrete, Add	16.95	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.36	
			For High Early Strength, Type 3 ASTM C150, Add	14.12	
			For Lightweight Aggregate, ASTM C330, Add	49.43	
			For Up To 20, Add	14.52	
			For >20 To 50, Add	5.45	
			For >100 To 200, Deduct	-3.55	
			For >200 To 400, Deduct	-7.10	
			For >400, Deduct	-10.65	
03 31 13 00-0026	CY		Direct Chute, Place 3,000 PSI Concrete Mat Foundation.....	157.50	
			For 2,000 PSI Concrete, Deduct	-7.63	
			For 2,500 PSI Concrete, Deduct	-3.81	
			For 3,500 PSI Concrete, Add	7.06	
			For 3,750 PSI Concrete, Add	9.60	
			For 4,000 PSI Concrete, Add	12.14	
			For 4,500 PSI Concrete, Add	14.12	
			For 5,000 PSI Concrete, Add	16.10	
			For 6,000 PSI Concrete, Add	38.13	
			For White Cement Concrete, Add	16.95	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.36	
			For High Early Strength, Type 3 ASTM C150, Add	14.12	
			For Lightweight Aggregate, ASTM C330, Add	49.43	
			For Up To 20, Add	6.51	
			For >20 To 50, Add	2.44	
			For >100 To 200, Deduct	-3.15	
			For >200 To 400, Deduct	-6.30	
			For >400, Deduct	-9.45	



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

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
03 31 13 00-0027	CY Concrete Pump, Place 3,000 PSI Concrete Mat Foundation.....	166.56		
	Note: Excludes pumping equipment.			
	For 2,000 PSI Concrete, Deduct	-8.26		
	For 2,500 PSI Concrete, Deduct	-4.13		
	For 3,500 PSI Concrete, Add	7.65		
	For 3,750 PSI Concrete, Add	10.40		
	For 4,000 PSI Concrete, Add	13.16		
	For 4,500 PSI Concrete, Add	15.30		
	For 5,000 PSI Concrete, Add	17.44		
	For 6,000 PSI Concrete, Add	41.31		
	For White Cement Concrete, Add	18.36		
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.89		
	For High Early Strength, Type 3 ASTM C150, Add	15.30		
	For Lightweight Aggregate, ASTM C330, Add	53.55		
	For Up To 20, Add	5.43		
	For >20 To 50, Add	2.04		
	For >100 To 200, Deduct	-3.33		
	For >200 To 400, Deduct	-6.66		
	For >400, Deduct	-9.99		
03 31 13 00-0028	Place Concrete Grade Beams (03 31 13 00-0011)			
03 31 13 00-0029	CY Crane And Bucket, Place 3,000 PSI Concrete Grade Beams.....	238.01		
	For 2,000 PSI Concrete, Deduct	-7.63		
	For 2,500 PSI Concrete, Deduct	-3.81		
	For 3,500 PSI Concrete, Add	7.06		
	For 3,750 PSI Concrete, Add	9.60		
	For 4,000 PSI Concrete, Add	12.14		
	For 4,500 PSI Concrete, Add	14.12		
	For 5,000 PSI Concrete, Add	16.10		
	For 6,000 PSI Concrete, Add	38.13		
	For White Cement Concrete, Add	16.95		
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.36		
	For High Early Strength, Type 3 ASTM C150, Add	14.12		
	For Lightweight Aggregate, ASTM C330, Add	49.43		
	For Up To 20, Add	38.72		
	For >20 To 50, Add	14.52		
	For >100 To 200, Deduct	-4.76		
	For >200 To 400, Deduct	-9.52		
	For >400, Deduct	-14.28		
03 31 13 00-0030	CY Direct Chute, Place 3,000 PSI Concrete Grade Beams.....	184.62		
	For 2,000 PSI Concrete, Deduct	-7.63		
	For 2,500 PSI Concrete, Deduct	-3.81		
	For 3,500 PSI Concrete, Add	7.06		
	For 3,750 PSI Concrete, Add	9.60		
	For 4,000 PSI Concrete, Add	12.14		
	For 4,500 PSI Concrete, Add	14.12		
	For 5,000 PSI Concrete, Add	16.10		
	For 6,000 PSI Concrete, Add	38.13		
	For White Cement Concrete, Add	16.95		
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.36		
	For High Early Strength, Type 3 ASTM C150, Add	14.12		
	For Lightweight Aggregate, ASTM C330, Add	49.43		
	For Up To 20, Add	17.36		
	For >20 To 50, Add	6.51		
	For >100 To 200, Deduct	-3.69		
	For >200 To 400, Deduct	-7.38		
	For >400, Deduct	-11.08		
03 31 13 00-0031	CY Concrete Pump, Place 3,000 PSI Concrete Grade Beams.....	194.33		
	Note: Excludes pumping equipment.			
	For 2,000 PSI Concrete, Deduct	-8.26		
	For 2,500 PSI Concrete, Deduct	-4.13		
	For 3,500 PSI Concrete, Add	7.65		
	For 3,750 PSI Concrete, Add	10.40		
	For 4,000 PSI Concrete, Add	13.16		
	For 4,500 PSI Concrete, Add	15.30		
	For 5,000 PSI Concrete, Add	17.44		
	For 6,000 PSI Concrete, Add	41.31		
	For White Cement Concrete, Add	18.36		
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.89		
	For High Early Strength, Type 3 ASTM C150, Add	15.30		
	For Lightweight Aggregate, ASTM C330, Add	53.55		
	For Up To 20, Add	16.54		
	For >20 To 50, Add	6.20		
	For >100 To 200, Deduct	-3.89		
	For >200 To 400, Deduct	-7.77		
	For >400, Deduct	-11.66		
03 31 13 00-0032	Place Concrete Slab On Grade (03 31 13 00-0011)			

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 00-0033	CY	Up To 6", By Crane And Bucket, Place 3,000 PSI Concrete Slab On Grade.....	240.28	
		For 2,000 PSI Concrete, Deduct	-7.63	
		For 2,500 PSI Concrete, Deduct	-3.81	
		For 3,500 PSI Concrete, Add	7.06	
		For 3,750 PSI Concrete, Add	9.60	
		For 4,000 PSI Concrete, Add	12.14	
		For 4,500 PSI Concrete, Add	14.12	
		For 5,000 PSI Concrete, Add	16.10	
		For 6,000 PSI Concrete, Add	38.13	
		For White Cement Concrete, Add	16.95	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.36	
		For High Early Strength, Type 3 ASTM C150, Add	14.12	
		For Lightweight Aggregate, ASTM C330, Add	49.43	
		For Up To 20, Add	39.62	
		For >20 To 50, Add	14.86	
		For >100 To 200, Deduct	-4.81	
		For >200 To 400, Deduct	-9.61	
		For >400, Deduct	-14.42	
03 31 13 00-0034	CY	>6", By Crane And Bucket, Place 3,000 PSI Concrete Slab On Grade	216.39	
		For 2,000 PSI Concrete, Deduct	-7.63	
		For 2,500 PSI Concrete, Deduct	-3.81	
		For 3,500 PSI Concrete, Add	7.06	
		For 3,750 PSI Concrete, Add	9.60	
		For 4,000 PSI Concrete, Add	12.14	
		For 4,500 PSI Concrete, Add	14.12	
		For 5,000 PSI Concrete, Add	16.10	
		For 6,000 PSI Concrete, Add	38.13	
		For White Cement Concrete, Add	16.95	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.36	
		For High Early Strength, Type 3 ASTM C150, Add	14.12	
		For Lightweight Aggregate, ASTM C330, Add	49.43	
		For Up To 20, Add	30.07	
		For >20 To 50, Add	11.28	
		For >100 To 200, Deduct	-4.33	
		For >200 To 400, Deduct	-8.66	
		For >400, Deduct	-12.98	
03 31 13 00-0035	CY	Up To 6", By Direct Chute, Place 3,000 PSI Concrete Slab On Grade.....	185.64	
		For 2,000 PSI Concrete, Deduct	-7.63	
		For 2,500 PSI Concrete, Deduct	-3.81	
		For 3,500 PSI Concrete, Add	7.06	
		For 3,750 PSI Concrete, Add	9.60	
		For 4,000 PSI Concrete, Add	12.14	
		For 4,500 PSI Concrete, Add	14.12	
		For 5,000 PSI Concrete, Add	16.10	
		For 6,000 PSI Concrete, Add	38.13	
		For White Cement Concrete, Add	16.95	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.36	
		For High Early Strength, Type 3 ASTM C150, Add	14.12	
		For Lightweight Aggregate, ASTM C330, Add	49.43	
		For Up To 20, Add	17.77	
		For >20 To 50, Add	6.66	
		For >100 To 200, Deduct	-3.71	
		For >200 To 400, Deduct	-7.43	
		For >400, Deduct	-11.14	
03 31 13 00-0036	CY	>6", By Direct Chute, Place 3,000 PSI Concrete Slab On Grade	174.92	
		For 2,000 PSI Concrete, Deduct	-7.63	
		For 2,500 PSI Concrete, Deduct	-3.81	
		For 3,500 PSI Concrete, Add	7.06	
		For 3,750 PSI Concrete, Add	9.60	
		For 4,000 PSI Concrete, Add	12.14	
		For 4,500 PSI Concrete, Add	14.12	
		For 5,000 PSI Concrete, Add	16.10	
		For 6,000 PSI Concrete, Add	38.13	
		For White Cement Concrete, Add	16.95	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.36	
		For High Early Strength, Type 3 ASTM C150, Add	14.12	
		For Lightweight Aggregate, ASTM C330, Add	49.43	
		For Up To 20, Add	13.48	
		For >20 To 50, Add	5.06	
		For >100 To 200, Deduct	-3.50	
		For >200 To 400, Deduct	-7.00	
		For >400, Deduct	-10.50	



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

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
03 31 13 00-0037	CY Up To 6", By Concrete Pump, Place 3,000 PSI Concrete Slab On Grade.....	190.02		
	Note: Excludes pumping equipment.			
	For 2,000 PSI Concrete, Deduct	-8.26		
	For 2,500 PSI Concrete, Deduct	-4.13		
	For 3,500 PSI Concrete, Add	7.65		
	For 3,750 PSI Concrete, Add	10.40		
	For 4,000 PSI Concrete, Add	13.16		
	For 4,500 PSI Concrete, Add	15.30		
	For 5,000 PSI Concrete, Add	17.44		
	For 6,000 PSI Concrete, Add	41.31		
	For White Cement Concrete, Add	18.36		
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.89		
	For High Early Strength, Type 3 ASTM C150, Add	15.30		
	For Lightweight Aggregate, ASTM C330, Add	53.55		
	For Up To 20, Add	14.81		
	For >20 To 50, Add	5.55		
	For >100 To 200, Deduct	-3.80		
	For >200 To 400, Deduct	-7.60		
	For >400, Deduct	-11.40		
03 31 13 00-0038	CY >6", By Concrete Pump, Place 3,000 PSI Concrete Slab On Grade	181.08		
	Note: Excludes pumping equipment.			
	For 2,000 PSI Concrete, Deduct	-8.26		
	For 2,500 PSI Concrete, Deduct	-4.13		
	For 3,500 PSI Concrete, Add	7.65		
	For 3,750 PSI Concrete, Add	10.40		
	For 4,000 PSI Concrete, Add	13.16		
	For 4,500 PSI Concrete, Add	15.30		
	For 5,000 PSI Concrete, Add	17.44		
	For 6,000 PSI Concrete, Add	41.31		
	For White Cement Concrete, Add	18.36		
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.89		
	For High Early Strength, Type 3 ASTM C150, Add	15.30		
	For Lightweight Aggregate, ASTM C330, Add	53.55		
	For Up To 20, Add	11.24		
	For >20 To 50, Add	4.21		
	For >100 To 200, Deduct	-3.62		
	For >200 To 400, Deduct	-7.24		
	For >400, Deduct	-10.86		
03 31 13 00-0039	Place Concrete Stairs (03 31 13 00-0011)			
03 31 13 00-0040	CY Crane And Bucket, Place 3,000 PSI On Grade Concrete Stairs.....	586.93		
	For 2,000 PSI Concrete, Deduct	-7.63		
	For 2,500 PSI Concrete, Deduct	-3.81		
	For 3,500 PSI Concrete, Add	7.06		
	For 3,750 PSI Concrete, Add	9.60		
	For 4,000 PSI Concrete, Add	12.14		
	For 4,500 PSI Concrete, Add	14.12		
	For 5,000 PSI Concrete, Add	16.10		
	For 6,000 PSI Concrete, Add	38.13		
	For White Cement Concrete, Add	16.95		
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.36		
	For High Early Strength, Type 3 ASTM C150, Add	14.12		
	For Lightweight Aggregate, ASTM C330, Add	49.43		
	For Up To 20, Add	178.28		
	For >20 To 50, Add	66.86		
	For >100 To 200, Deduct	-11.74		
	For >200 To 400, Deduct	-23.48		
	For >400, Deduct	-35.22		
03 31 13 00-0041	CY Direct Chute, Place 3,000 PSI On Grade Concrete Stairs.....	341.14		
	For 2,000 PSI Concrete, Deduct	-7.63		
	For 2,500 PSI Concrete, Deduct	-3.81		
	For 3,500 PSI Concrete, Add	7.06		
	For 3,750 PSI Concrete, Add	9.60		
	For 4,000 PSI Concrete, Add	12.14		
	For 4,500 PSI Concrete, Add	14.12		
	For 5,000 PSI Concrete, Add	16.10		
	For 6,000 PSI Concrete, Add	38.13		
	For White Cement Concrete, Add	16.95		
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.36		
	For High Early Strength, Type 3 ASTM C150, Add	14.12		
	For Lightweight Aggregate, ASTM C330, Add	49.43		
	For Up To 20, Add	79.97		
	For >20 To 50, Add	29.99		
	For >100 To 200, Deduct	-6.82		
	For >200 To 400, Deduct	-13.65		
	For >400, Deduct	-20.47		

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 00-0042	CY	Concrete Pump, Place 3,000 PSI On Grade Concrete Stairs	319.60		
		Note: Excludes pumping equipment.			
		For 2,000 PSI Concrete, Deduct	-8.26		
		For 2,500 PSI Concrete, Deduct	-4.13		
		For 3,500 PSI Concrete, Add	7.65		
		For 3,750 PSI Concrete, Add	10.40		
		For 4,000 PSI Concrete, Add	13.16		
		For 4,500 PSI Concrete, Add	15.30		
		For 5,000 PSI Concrete, Add	17.44		
		For 6,000 PSI Concrete, Add	41.31		
		For White Cement Concrete, Add	18.36		
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.89		
		For High Early Strength, Type 3 ASTM C150, Add	15.30		
		For Lightweight Aggregate, ASTM C330, Add	53.55		
		For Up To 20, Add	66.64		
		For >20 To 50, Add	24.99		
		For >100 To 200, Deduct	-6.39		
		For >200 To 400, Deduct	-12.78		
		For >400, Deduct	-19.18		
03 31 13 00-0043		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 00-0044		Place Elevated Concrete Beams (03 31 13 00-0043)			
03 31 13 00-0045	CY	Crane And Bucket, Place 3,000 PSI Elevated Concrete Beams.....	383.19		
		For 2,000 PSI Concrete, Deduct	-7.63		
		For 2,500 PSI Concrete, Deduct	-3.81		
		For 3,500 PSI Concrete, Add	7.06		
		For 3,750 PSI Concrete, Add	9.60		
		For 4,000 PSI Concrete, Add	12.14		
		For 4,500 PSI Concrete, Add	14.12		
		For 5,000 PSI Concrete, Add	16.10		
		For 6,000 PSI Concrete, Add	38.13		
		For White Cement Concrete, Add	16.95		
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.36		
		For High Early Strength, Type 3 ASTM C150, Add	14.12		
		For Lightweight Aggregate, ASTM C330, Add	49.43		
		For Up To 20, Add	96.79		
		For >20 To 50, Add	36.30		
		For >100 To 200, Deduct	-7.66		
		For >200 To 400, Deduct	-15.33		
		For >400, Deduct	-22.99		
03 31 13 00-0046	CY	Concrete Pump, Place 3,000 PSI Elevated Concrete Beams.....	256.34		
		Note: Excludes pumping equipment.			
		For 2,000 PSI Concrete, Deduct	-8.26		
		For 2,500 PSI Concrete, Deduct	-4.13		
		For 3,500 PSI Concrete, Add	7.65		
		For 3,750 PSI Concrete, Add	10.40		
		For 4,000 PSI Concrete, Add	13.16		
		For 4,500 PSI Concrete, Add	15.30		
		For 5,000 PSI Concrete, Add	17.44		
		For 6,000 PSI Concrete, Add	41.31		
		For White Cement Concrete, Add	18.36		
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.89		
		For High Early Strength, Type 3 ASTM C150, Add	15.30		
		For Lightweight Aggregate, ASTM C330, Add	53.55		
		For Up To 20, Add	41.34		
		For >20 To 50, Add	15.50		
		For >100 To 200, Deduct	-5.13		
		For >200 To 400, Deduct	-10.25		
		For >400, Deduct	-15.38		
03 31 13 00-0047		Place Elevated Concrete Slab (03 31 13 00-0043)			
03 31 13 00-0048	CY	Up To 6", By Crane And Bucket, Place 3,000 PSI Elevated Concrete Slab	255.14		
		For 2,000 PSI Concrete, Deduct	-7.63		
		For 2,500 PSI Concrete, Deduct	-3.81		
		For 3,500 PSI Concrete, Add	7.06		
		For 3,750 PSI Concrete, Add	9.60		
		For 4,000 PSI Concrete, Add	12.14		
		For 4,500 PSI Concrete, Add	14.12		
		For 5,000 PSI Concrete, Add	16.10		
		For 6,000 PSI Concrete, Add	38.13		
		For White Cement Concrete, Add	16.95		
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.36		
		For High Early Strength, Type 3 ASTM C150, Add	14.12		
		For Lightweight Aggregate, ASTM C330, Add	49.43		
		For Up To 20, Add	45.57		
		For >20 To 50, Add	17.09		
		For >100 To 200, Deduct	-5.10		
		For >200 To 400, Deduct	-10.21		
		For >400, Deduct	-15.31		



		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 00-0049	CY >6", By Crane And Bucket, Place 3,000 PSI Elevated Concrete Slab	227.66		
	For 2,000 PSI Concrete, Deduct	-7.63		
	For 2,500 PSI Concrete, Deduct	-3.81		
	For 3,500 PSI Concrete, Add	7.06		
	For 3,750 PSI Concrete, Add	9.60		
	For 4,000 PSI Concrete, Add	12.14		
	For 4,500 PSI Concrete, Add	14.12		
	For 5,000 PSI Concrete, Add	16.10		
	For 6,000 PSI Concrete, Add	38.13		
	For White Cement Concrete, Add	16.95		
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.36		
	For High Early Strength, Type 3 ASTM C150, Add	14.12		
	For Lightweight Aggregate, ASTM C330, Add	49.43		
	For Up To 20, Add	34.58		
	For >20 To 50, Add	12.97		
	For >100 To 200, Deduct	-4.55		
	For >200 To 400, Deduct	-9.11		
	For >400, Deduct	-13.66		
03 31 13 00-0050	CY Up To 6", By Concrete Pump, Place 3,000 PSI Elevated Concrete Slab.....	201.65		
	Note: Excludes pumping equipment.			
	For 2,000 PSI Concrete, Deduct	-8.26		
	For 2,500 PSI Concrete, Deduct	-4.13		
	For 3,500 PSI Concrete, Add	7.65		
	For 3,750 PSI Concrete, Add	10.40		
	For 4,000 PSI Concrete, Add	13.16		
	For 4,500 PSI Concrete, Add	15.30		
	For 5,000 PSI Concrete, Add	17.44		
	For 6,000 PSI Concrete, Add	41.31		
	For White Cement Concrete, Add	18.36		
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.89		
	For High Early Strength, Type 3 ASTM C150, Add	15.30		
	For Lightweight Aggregate, ASTM C330, Add	53.55		
	For Up To 20, Add	19.46		
	For >20 To 50, Add	7.30		
	For >100 To 200, Deduct	-4.03		
	For >200 To 400, Deduct	-8.07		
	For >400, Deduct	-12.10		
03 31 13 00-0051	CY >6", By Concrete Pump, Place 3,000 PSI Elevated Concrete Slab.....	189.90		
	Note: Excludes pumping equipment.			
	For 2,000 PSI Concrete, Deduct	-8.26		
	For 2,500 PSI Concrete, Deduct	-4.13		
	For 3,500 PSI Concrete, Add	7.65		
	For 3,750 PSI Concrete, Add	10.40		
	For 4,000 PSI Concrete, Add	13.16		
	For 4,500 PSI Concrete, Add	15.30		
	For 5,000 PSI Concrete, Add	17.44		
	For 6,000 PSI Concrete, Add	41.31		
	For White Cement Concrete, Add	18.36		
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.89		
	For High Early Strength, Type 3 ASTM C150, Add	15.30		
	For Lightweight Aggregate, ASTM C330, Add	53.55		
	For Up To 20, Add	14.76		
	For >20 To 50, Add	5.54		
	For >100 To 200, Deduct	-3.80		
	For >200 To 400, Deduct	-7.60		
	For >400, Deduct	-11.39		
03 31 13 00-0052	Place Concrete Columns (03 31 13 00-0043)			
03 31 13 00-0053	CY 12" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns	402.55		
	For 2,000 PSI Concrete, Deduct	-7.63		
	For 2,500 PSI Concrete, Deduct	-3.81		
	For 3,500 PSI Concrete, Add	7.06		
	For 3,750 PSI Concrete, Add	9.60		
	For 4,000 PSI Concrete, Add	12.14		
	For 4,500 PSI Concrete, Add	14.12		
	For 5,000 PSI Concrete, Add	16.10		
	For 6,000 PSI Concrete, Add	38.13		
	For White Cement Concrete, Add	16.95		
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.36		
	For High Early Strength, Type 3 ASTM C150, Add	14.12		
	For Lightweight Aggregate, ASTM C330, Add	49.43		
	For Up To 20, Add	104.53		
	For >20 To 50, Add	39.20		
	For >100 To 200, Deduct	-8.05		
	For >200 To 400, Deduct	-16.10		
	For >400, Deduct	-24.15		

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 00-0054	CY 18" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns	331.17	
	For 2,000 PSI Concrete, Deduct	-7.63	
	For 2,500 PSI Concrete, Deduct	-3.81	
	For 3,500 PSI Concrete, Add	7.06	
	For 3,750 PSI Concrete, Add	9.60	
	For 4,000 PSI Concrete, Add	12.14	
	For 4,500 PSI Concrete, Add	14.12	
	For 5,000 PSI Concrete, Add	16.10	
	For 6,000 PSI Concrete, Add	38.13	
	For White Cement Concrete, Add	16.95	
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.36	
	For High Early Strength, Type 3 ASTM C150, Add	14.12	
	For Lightweight Aggregate, ASTM C330, Add	49.43	
	For Up To 20, Add	75.98	
	For >20 To 50, Add	28.49	
	For >100 To 200, Deduct	-6.62	
	For >200 To 400, Deduct	-13.25	
	For >400, Deduct	-19.87	
03 31 13 00-0055	CY 24" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns	280.11	
	For 2,000 PSI Concrete, Deduct	-7.63	
	For 2,500 PSI Concrete, Deduct	-3.81	
	For 3,500 PSI Concrete, Add	7.06	
	For 3,750 PSI Concrete, Add	9.60	
	For 4,000 PSI Concrete, Add	12.14	
	For 4,500 PSI Concrete, Add	14.12	
	For 5,000 PSI Concrete, Add	16.10	
	For 6,000 PSI Concrete, Add	38.13	
	For White Cement Concrete, Add	16.95	
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.36	
	For High Early Strength, Type 3 ASTM C150, Add	14.12	
	For Lightweight Aggregate, ASTM C330, Add	49.43	
	For Up To 20, Add	55.56	
	For >20 To 50, Add	20.83	
	For >100 To 200, Deduct	-5.60	
	For >200 To 400, Deduct	-11.20	
	For >400, Deduct	-16.81	
03 31 13 00-0056	CY 36" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns	257.37	
	For 2,000 PSI Concrete, Deduct	-7.63	
	For 2,500 PSI Concrete, Deduct	-3.81	
	For 3,500 PSI Concrete, Add	7.06	
	For 3,750 PSI Concrete, Add	9.60	
	For 4,000 PSI Concrete, Add	12.14	
	For 4,500 PSI Concrete, Add	14.12	
	For 5,000 PSI Concrete, Add	16.10	
	For 6,000 PSI Concrete, Add	38.13	
	For White Cement Concrete, Add	16.95	
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.36	
	For High Early Strength, Type 3 ASTM C150, Add	14.12	
	For Lightweight Aggregate, ASTM C330, Add	49.43	
	For Up To 20, Add	46.46	
	For >20 To 50, Add	17.42	
	For >100 To 200, Deduct	-5.15	
	For >200 To 400, Deduct	-10.29	
	For >400, Deduct	-15.44	
03 31 13 00-0057	CY 12" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns	264.61	
	Note: Excludes pumping equipment.		
	For 2,000 PSI Concrete, Deduct	-8.26	
	For 2,500 PSI Concrete, Deduct	-4.13	
	For 3,500 PSI Concrete, Add	7.65	
	For 3,750 PSI Concrete, Add	10.40	
	For 4,000 PSI Concrete, Add	13.16	
	For 4,500 PSI Concrete, Add	15.30	
	For 5,000 PSI Concrete, Add	17.44	
	For 6,000 PSI Concrete, Add	41.31	
	For White Cement Concrete, Add	18.36	
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.89	
	For High Early Strength, Type 3 ASTM C150, Add	15.30	
	For Lightweight Aggregate, ASTM C330, Add	53.55	
	For Up To 20, Add	44.65	
	For >20 To 50, Add	16.74	
	For >100 To 200, Deduct	-5.29	
	For >200 To 400, Deduct	-10.58	
	For >400, Deduct	-15.88	



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

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
03 31 13 00-0058	CY	18" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns	234.12		
		Note: Excludes pumping equipment.			
		For 2,000 PSI Concrete, Deduct	-8.26		
		For 2,500 PSI Concrete, Deduct	-4.13		
		For 3,500 PSI Concrete, Add	7.65		
		For 3,750 PSI Concrete, Add	10.40		
		For 4,000 PSI Concrete, Add	13.16		
		For 4,500 PSI Concrete, Add	15.30		
		For 5,000 PSI Concrete, Add	17.44		
		For 6,000 PSI Concrete, Add	41.31		
		For White Cement Concrete, Add	18.36		
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.89		
		For High Early Strength, Type 3 ASTM C150, Add	15.30		
		For Lightweight Aggregate, ASTM C330, Add	53.55		
		For Up To 20, Add	32.45		
		For >20 To 50, Add	12.17		
		For >100 To 200, Deduct	-4.68		
		For >200 To 400, Deduct	-9.36		
		For >400, Deduct	-14.05		
03 31 13 00-0059	CY	24" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns	212.31		
		Note: Excludes pumping equipment.			
		For 2,000 PSI Concrete, Deduct	-8.26		
		For 2,500 PSI Concrete, Deduct	-4.13		
		For 3,500 PSI Concrete, Add	7.65		
		For 3,750 PSI Concrete, Add	10.40		
		For 4,000 PSI Concrete, Add	13.16		
		For 4,500 PSI Concrete, Add	15.30		
		For 5,000 PSI Concrete, Add	17.44		
		For 6,000 PSI Concrete, Add	41.31		
		For White Cement Concrete, Add	18.36		
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.89		
		For High Early Strength, Type 3 ASTM C150, Add	15.30		
		For Lightweight Aggregate, ASTM C330, Add	53.55		
		For Up To 20, Add	23.73		
		For >20 To 50, Add	8.90		
		For >100 To 200, Deduct	-4.25		
		For >200 To 400, Deduct	-8.49		
		For >400, Deduct	-12.74		
03 31 13 00-0060	CY	36" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns	202.59		
		Note: Excludes pumping equipment.			
		For 2,000 PSI Concrete, Deduct	-8.26		
		For 2,500 PSI Concrete, Deduct	-4.13		
		For 3,500 PSI Concrete, Add	7.65		
		For 3,750 PSI Concrete, Add	10.40		
		For 4,000 PSI Concrete, Add	13.16		
		For 4,500 PSI Concrete, Add	15.30		
		For 5,000 PSI Concrete, Add	17.44		
		For 6,000 PSI Concrete, Add	41.31		
		For White Cement Concrete, Add	18.36		
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.89		
		For High Early Strength, Type 3 ASTM C150, Add	15.30		
		For Lightweight Aggregate, ASTM C330, Add	53.55		
		For Up To 20, Add	19.84		
		For >20 To 50, Add	7.44		
		For >100 To 200, Deduct	-4.05		
		For >200 To 400, Deduct	-8.10		
		For >400, Deduct	-12.16		
03 31 13 00-0061		Place Concrete Walls (03 31 13 00-0043)			
03 31 13 00-0062	CY	Up To 8" Thick, By Crane And Bucket, Place 3,000 PSI Concrete Walls	386.22		
		For 2,000 PSI Concrete, Deduct	-7.63		
		For 2,500 PSI Concrete, Deduct	-3.81		
		For 3,500 PSI Concrete, Add	7.06		
		For 3,750 PSI Concrete, Add	9.60		
		For 4,000 PSI Concrete, Add	12.14		
		For 4,500 PSI Concrete, Add	14.12		
		For 5,000 PSI Concrete, Add	16.10		
		For 6,000 PSI Concrete, Add	38.13		
		For White Cement Concrete, Add	16.95		
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.36		
		For High Early Strength, Type 3 ASTM C150, Add	14.12		
		For Lightweight Aggregate, ASTM C330, Add	49.43		
		For Up To 20, Add	98.00		
		For >20 To 50, Add	36.75		
		For >100 To 200, Deduct	-7.72		
		For >200 To 400, Deduct	-15.45		
		For >400, Deduct	-23.17		

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 00-0063	CY		12" Thick, By Crane And Bucket, Place 3,000 PSI Concrete Walls	365.90	
			For 2,000 PSI Concrete, Deduct	-7.63	
			For 2,500 PSI Concrete, Deduct	-3.81	
			For 3,500 PSI Concrete, Add	7.06	
			For 3,750 PSI Concrete, Add	9.60	
			For 4,000 PSI Concrete, Add	12.14	
			For 4,500 PSI Concrete, Add	14.12	
			For 5,000 PSI Concrete, Add	16.10	
			For 6,000 PSI Concrete, Add	38.13	
			For White Cement Concrete, Add	16.95	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.36	
			For High Early Strength, Type 3 ASTM C150, Add	14.12	
			For Lightweight Aggregate, ASTM C330, Add	49.43	
			For Up To 20, Add	89.87	
			For >20 To 50, Add	33.70	
			For >100 To 200, Deduct	-7.32	
			For >200 To 400, Deduct	-14.64	
			For >400, Deduct	-21.95	
03 31 13 00-0064	CY		15" Thick, By Crane And Bucket, Place 3,000 PSI Concrete Walls	312.72	
			For 2,000 PSI Concrete, Deduct	-7.63	
			For 2,500 PSI Concrete, Deduct	-3.81	
			For 3,500 PSI Concrete, Add	7.06	
			For 3,750 PSI Concrete, Add	9.60	
			For 4,000 PSI Concrete, Add	12.14	
			For 4,500 PSI Concrete, Add	14.12	
			For 5,000 PSI Concrete, Add	16.10	
			For 6,000 PSI Concrete, Add	38.13	
			For White Cement Concrete, Add	16.95	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.36	
			For High Early Strength, Type 3 ASTM C150, Add	14.12	
			For Lightweight Aggregate, ASTM C330, Add	49.43	
			For Up To 20, Add	68.60	
			For >20 To 50, Add	25.73	
			For >100 To 200, Deduct	-6.25	
			For >200 To 400, Deduct	-12.51	
			For >400, Deduct	-18.76	
03 31 13 00-0065	CY		Up To 8" Thick, By Direct Chute, Place 3,000 PSI Concrete Walls	251.09	
			For 2,000 PSI Concrete, Deduct	-7.63	
			For 2,500 PSI Concrete, Deduct	-3.81	
			For 3,500 PSI Concrete, Add	7.06	
			For 3,750 PSI Concrete, Add	9.60	
			For 4,000 PSI Concrete, Add	12.14	
			For 4,500 PSI Concrete, Add	14.12	
			For 5,000 PSI Concrete, Add	16.10	
			For 6,000 PSI Concrete, Add	38.13	
			For White Cement Concrete, Add	16.95	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.36	
			For High Early Strength, Type 3 ASTM C150, Add	14.12	
			For Lightweight Aggregate, ASTM C330, Add	49.43	
			For Up To 20, Add	43.95	
			For >20 To 50, Add	16.48	
			For >100 To 200, Deduct	-5.02	
			For >200 To 400, Deduct	-10.04	
			For >400, Deduct	-15.07	
03 31 13 00-0066	CY		12" Thick, By Direct Chute, Place 3,000 PSI Concrete Walls	229.12	
			For 2,000 PSI Concrete, Deduct	-7.63	
			For 2,500 PSI Concrete, Deduct	-3.81	
			For 3,500 PSI Concrete, Add	7.06	
			For 3,750 PSI Concrete, Add	9.60	
			For 4,000 PSI Concrete, Add	12.14	
			For 4,500 PSI Concrete, Add	14.12	
			For 5,000 PSI Concrete, Add	16.10	
			For 6,000 PSI Concrete, Add	38.13	
			For White Cement Concrete, Add	16.95	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.36	
			For High Early Strength, Type 3 ASTM C150, Add	14.12	
			For Lightweight Aggregate, ASTM C330, Add	49.43	
			For Up To 20, Add	35.16	
			For >20 To 50, Add	13.19	
			For >100 To 200, Deduct	-4.58	
			For >200 To 400, Deduct	-9.16	
			For >400, Deduct	-13.75	



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

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
03 31 13 00-0067	CY 15" Thick, By Direct Chute, Place 3,000 PSI Concrete Walls	218.14		
	For 2,000 PSI Concrete, Deduct	-7.63		
	For 2,500 PSI Concrete, Deduct	-3.61		
	For 3,500 PSI Concrete, Add	7.06		
	For 3,750 PSI Concrete, Add	9.60		
	For 4,000 PSI Concrete, Add	12.14		
	For 4,500 PSI Concrete, Add	14.12		
	For 5,000 PSI Concrete, Add	16.10		
	For 6,000 PSI Concrete, Add	38.13		
	For White Cement Concrete, Add	16.95		
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.36		
	For High Early Strength, Type 3 ASTM C150, Add	14.12		
	For Lightweight Aggregate, ASTM C330, Add	49.43		
	For Up To 20, Add	30.77		
	For >20 To 50, Add	11.54		
	For >100 To 200, Deduct	-4.36		
	For >200 To 400, Deduct	-8.73		
	For >400, Deduct	-13.09		
03 31 13 00-0068	CY Up To 8" Thick, By Concrete Pump, Place 3,000 PSI Concrete Walls	257.63		
	Note: Excludes pumping equipment.			
	For 2,000 PSI Concrete, Deduct	-8.26		
	For 2,500 PSI Concrete, Deduct	-4.13		
	For 3,500 PSI Concrete, Add	7.65		
	For 3,750 PSI Concrete, Add	10.40		
	For 4,000 PSI Concrete, Add	13.16		
	For 4,500 PSI Concrete, Add	15.30		
	For 5,000 PSI Concrete, Add	17.44		
	For 6,000 PSI Concrete, Add	41.31		
	For White Cement Concrete, Add	18.36		
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.89		
	For High Early Strength, Type 3 ASTM C150, Add	15.30		
	For Lightweight Aggregate, ASTM C330, Add	53.55		
	For Up To 20, Add	41.86		
	For >20 To 50, Add	15.70		
	For >100 To 200, Deduct	-5.15		
	For >200 To 400, Deduct	-10.31		
	For >400, Deduct	-15.46		
03 31 13 00-0069	CY 12" Thick, By Concrete Pump, Place 3,000 PSI Concrete Walls	236.70		
	Note: Excludes pumping equipment.			
	For 2,000 PSI Concrete, Deduct	-8.26		
	For 2,500 PSI Concrete, Deduct	-4.13		
	For 3,500 PSI Concrete, Add	7.65		
	For 3,750 PSI Concrete, Add	10.40		
	For 4,000 PSI Concrete, Add	13.16		
	For 4,500 PSI Concrete, Add	15.30		
	For 5,000 PSI Concrete, Add	17.44		
	For 6,000 PSI Concrete, Add	41.31		
	For White Cement Concrete, Add	18.36		
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.89		
	For High Early Strength, Type 3 ASTM C150, Add	15.30		
	For Lightweight Aggregate, ASTM C330, Add	53.55		
	For Up To 20, Add	33.48		
	For >20 To 50, Add	12.56		
	For >100 To 200, Deduct	-4.73		
	For >200 To 400, Deduct	-9.47		
	For >400, Deduct	-14.20		
03 31 13 00-0070	CY 15" Thick, By Concrete Pump, Place 3,000 PSI Concrete Walls	226.24		
	Note: Excludes pumping equipment.			
	For 2,000 PSI Concrete, Deduct	-8.26		
	For 2,500 PSI Concrete, Deduct	-4.13		
	For 3,500 PSI Concrete, Add	7.65		
	For 3,750 PSI Concrete, Add	10.40		
	For 4,000 PSI Concrete, Add	13.16		
	For 4,500 PSI Concrete, Add	15.30		
	For 5,000 PSI Concrete, Add	17.44		
	For 6,000 PSI Concrete, Add	41.31		
	For White Cement Concrete, Add	18.36		
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.89		
	For High Early Strength, Type 3 ASTM C150, Add	15.30		
	For Lightweight Aggregate, ASTM C330, Add	53.55		
	For Up To 20, Add	29.30		
	For >20 To 50, Add	10.99		
	For >100 To 200, Deduct	-4.52		
	For >200 To 400, Deduct	-9.05		
	For >400, Deduct	-13.57		
03 31 13 00-0071	Place Elevated Concrete Stairs (03 31 13 00-0043)			

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 00-0072	CY		Crane And Bucket, Place 3,000 PSI Elevated Concrete Stairs.....	636.52	
			For 2,000 PSI Concrete, Deduct	-7.63	
			For 2,500 PSI Concrete, Deduct	-3.81	
			For 3,500 PSI Concrete, Add	7.06	
			For 3,750 PSI Concrete, Add	9.60	
			For 4,000 PSI Concrete, Add	12.14	
			For 4,500 PSI Concrete, Add	14.12	
			For 5,000 PSI Concrete, Add	16.10	
			For 6,000 PSI Concrete, Add	38.13	
			For White Cement Concrete, Add	16.95	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.36	
			For High Early Strength, Type 3 ASTM C150, Add	14.12	
			For Lightweight Aggregate, ASTM C330, Add	49.43	
			For Up To 20, Add	198.12	
			For >20 To 50, Add	74.30	
			For >100 To 200, Deduct	-12.73	
			For >200 To 400, Deduct	-25.46	
			For >400, Deduct	-38.19	
03 31 13 00-0073	CY		Direct Chute, Place 3,000 PSI Elevated Concrete Stairs.....	363.34	
			For 2,000 PSI Concrete, Deduct	-7.63	
			For 2,500 PSI Concrete, Deduct	-3.81	
			For 3,500 PSI Concrete, Add	7.06	
			For 3,750 PSI Concrete, Add	9.60	
			For 4,000 PSI Concrete, Add	12.14	
			For 4,500 PSI Concrete, Add	14.12	
			For 5,000 PSI Concrete, Add	16.10	
			For 6,000 PSI Concrete, Add	38.13	
			For White Cement Concrete, Add	16.95	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.36	
			For High Early Strength, Type 3 ASTM C150, Add	14.12	
			For Lightweight Aggregate, ASTM C330, Add	49.43	
			For Up To 20, Add	88.85	
			For >20 To 50, Add	33.32	
			For >100 To 200, Deduct	-7.27	
			For >200 To 400, Deduct	-14.53	
			For >400, Deduct	-21.80	
03 31 13 00-0074	CY		Concrete Pump, Place 3,000 PSI Elevated Concrete Stairs.....	338.10	
			Note: Excludes pumping equipment.		
			For 2,000 PSI Concrete, Deduct	-8.26	
			For 2,500 PSI Concrete, Deduct	-4.13	
			For 3,500 PSI Concrete, Add	7.65	
			For 3,750 PSI Concrete, Add	10.40	
			For 4,000 PSI Concrete, Add	13.16	
			For 4,500 PSI Concrete, Add	15.30	
			For 5,000 PSI Concrete, Add	17.44	
			For 6,000 PSI Concrete, Add	41.31	
			For White Cement Concrete, Add	18.36	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.89	
			For High Early Strength, Type 3 ASTM C150, Add	15.30	
			For Lightweight Aggregate, ASTM C330, Add	53.55	
			For Up To 20, Add	74.04	
			For >20 To 50, Add	27.77	
			For >100 To 200, Deduct	-6.76	
			For >200 To 400, Deduct	-13.52	
			For >400, Deduct	-20.29	
03 31 13 00-0075			Place Concrete Coping (03 31 13 00-0043)		
03 31 13 00-0076	CY		Crane And Bucket, Place 3,000 PSI Concrete Coping.....	653.63	
			For 2,000 PSI Concrete, Deduct	-7.63	
			For 2,500 PSI Concrete, Deduct	-3.81	
			For 3,500 PSI Concrete, Add	7.06	
			For 3,750 PSI Concrete, Add	9.60	
			For 4,000 PSI Concrete, Add	12.14	
			For 4,500 PSI Concrete, Add	14.12	
			For 5,000 PSI Concrete, Add	16.10	
			For 6,000 PSI Concrete, Add	38.13	
			For White Cement Concrete, Add	16.95	
			For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.36	
			For High Early Strength, Type 3 ASTM C150, Add	14.12	
			For Lightweight Aggregate, ASTM C330, Add	49.43	
			For Up To 20, Add	204.96	
			For >20 To 50, Add	76.86	
			For >100 To 200, Deduct	-13.07	
			For >200 To 400, Deduct	-26.15	
			For >400, Deduct	-39.22	



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

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
03 31 13 00-0077	CY Direct Chute, Place 3,000 PSI Concrete Coping	361.85		
	For 2,000 PSI Concrete, Deduct	-7.63		
	For 2,500 PSI Concrete, Deduct	-3.61		
	For 3,500 PSI Concrete, Add	7.06		
	For 3,750 PSI Concrete, Add	9.60		
	For 4,000 PSI Concrete, Add	12.14		
	For 4,500 PSI Concrete, Add	14.12		
	For 5,000 PSI Concrete, Add	16.10		
	For 6,000 PSI Concrete, Add	38.13		
	For White Cement Concrete, Add	16.95		
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.36		
	For High Early Strength, Type 3 ASTM C150, Add	14.12		
	For Lightweight Aggregate, ASTM C330, Add	49.43		
	For Up To 20, Add	88.25		
	For >20 To 50, Add	33.09		
	For >100 To 200, Deduct	-7.24		
	For >200 To 400, Deduct	-14.47		
	For >400, Deduct	-21.71		
03 31 13 00-0078	CY Concrete Pump, Place 3,000 PSI Concrete Coping	487.17		
	Note: Excludes pumping equipment.			
	For 2,000 PSI Concrete, Deduct	-8.26		
	For 2,500 PSI Concrete, Deduct	-4.13		
	For 3,500 PSI Concrete, Add	7.65		
	For 3,750 PSI Concrete, Add	10.40		
	For 4,000 PSI Concrete, Add	13.16		
	For 4,500 PSI Concrete, Add	15.30		
	For 5,000 PSI Concrete, Add	17.44		
	For 6,000 PSI Concrete, Add	41.31		
	For White Cement Concrete, Add	18.36		
	For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	19.89		
	For High Early Strength, Type 3 ASTM C150, Add	15.30		
	For Lightweight Aggregate, ASTM C330, Add	53.55		
	For Up To 20, Add	133.67		
	For >20 To 50, Add	50.13		
	For >100 To 200, Deduct	-9.74		
	For >200 To 400, Deduct	-19.49		
	For >400, Deduct	-29.23		
03 31 13 00-0079	Concrete Carts (03 31 13 00-0010)			
	Note: Used to place concrete where necessary.			
03 31 13 00-0080	CY 50' Haul, Non-Motorized, Concrete Buggy	27.22		
03 31 13 00-0081	CY 150' Haul, Non-Motorized, Concrete Buggy	36.45		
03 31 13 00-0082	CY 250' Haul, Non-Motorized, Concrete Buggy	48.61		
03 31 13 00-0083	CY 50' Haul, Motorized, Concrete Buggy	12.18		
03 31 13 00-0084	CY 150' Haul, Motorized, Concrete Buggy	16.33		
03 31 13 00-0085	CY 250' Haul, Motorized, Concrete Buggy	21.77		
03 31 13 00-0086	Delivery Fee For Small Concrete Purchases (Short Load) (03 31 13)			
03 31 13 00-0087	CY Delivery Fee For Small Concrete Purchases (Short Load) Per CY For Each CY Less Than 9 CY	26.22		
	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 00-0088	Equipment Pads (03 31 13)			
03 31 13 00-0089	Small Concrete Equipment Housekeeping Pad Assemblies (03 31 13 00-0088)			
	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 00-0090	SF 4" Equipment Pad With Welded Wire Reinforcement Assembly	18.69		
	For >5 To 20 Pads, Deduct	-2.35		
	For >20 To 50 Pads, Deduct	-4.31		
	For >50 Pads, Deduct	-6.26		
03 31 13 00-0091	SF 4" Equipment Pad With Rebar Assembly	23.33		
	For >5 To 20 Pads, Deduct	-2.71		
	For >20 To 50 Pads, Deduct	-4.97		
	For >50 Pads, Deduct	-7.23		
03 31 13 00-0092	SF 6" Equipment Pad With Rebar Assembly	29.21		
	For >5 To 20 Pads, Deduct	-3.41		
	For >20 To 50 Pads, Deduct	-6.25		
	For >50 Pads, Deduct	-9.09		
03 31 13 00-0093	SF 8" Equipment Pad With Rebar Assembly	36.59		
	For >5 To 20 Pads, Deduct	-4.33		
	For >20 To 50 Pads, Deduct	-7.94		
	For >50 Pads, Deduct	-11.54		
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 Pervious Cellular/Foam Concrete, 100 To 120 PCF Density Range	303.89		

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	1.03
		For Up To 100, Add	2.06
		For >100 To 250, Add	0.52
		For >250 To 500, Add	0.26
		For >5,000 To 10,000, Deduct	-0.05
		For >10,000, Deduct	-0.10
03 35 13 00-0003	SF	Darby, Concrete Floor Finish	1.23
		For Up To 100, Add	2.46
		For >100 To 250, Add	0.62
		For >250 To 500, Add	0.31
		For >5,000 To 10,000, Deduct	-0.06
		For >10,000, Deduct	-0.12
03 35 13 00-0004	SF	Broom, Concrete Floor Finish	1.36
		For Up To 100, Add	2.72
		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 00-0005	SF	Final Float, Concrete Floor Finish	1.59
		For Up To 100, Add	3.18
		For >100 To 250, Add	0.80
		For >250 To 500, Add	0.40
		For >5,000 To 10,000, Deduct	-0.08
		For >10,000, Deduct	-0.16
03 35 13 00-0006	SF	Steel Trowel, Concrete Floor Finish	1.79
		For Up To 100, Add	3.58
		For >100 To 250, Add	0.90
		For >250 To 500, Add	0.45
		For >5,000 To 10,000, Deduct	-0.09
		For >10,000, Deduct	-0.18
03 35 13 00-0007	SF	Concrete Floor Finishes, Machine	1.59
		For Up To 100, Add	3.18
		For >100 To 250, Add	0.80
		For >250 To 500, Add	0.40
		For >5,000 To 10,000, Deduct	-0.08
		For >10,000, Deduct	-0.16

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	1.23
03 35 16 00-0003	SF	0.65 LB/SF, Metallic, Shake On Floor Hardener	1.84
03 35 16 00-0004	SF	0.3 LB/SF, Non-Metallic, Shake On Floor Hardener	1.17
03 35 16 00-0005	SF	0.65 LB/SF, Non-Metallic, Shake On Floor Hardener	1.38

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	0.58
03 35 19 00-0003	SF	Epoxy Resin Bonding Agent	3.39
03 35 19 00-0004	SF	Clear Acrylic Sealer, Hardener And Dustproof	0.40
03 35 19 00-0005	SF	Colored Acrylic Sealer, Hardener And Dustproof	0.42

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	3.69

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	4.69

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	15.87

03 35 29 00-0003 Marblecrete Finishes (03 35 29)

03 35 29 00-0004	SF	2" Thick Marblecrete And Finish	34.94
03 35 29 00-0005	SF	4" Thick Marblecrete And Finish	46.90



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

MINOR		TOTAL DIRECT		DEMOLITION
CSI UOM DESCRIPTION		UNIT COST		UNIT COST
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	4.13	
03 35 33 00-0003	SF	>2,500 To 10,000 SF Stamped Concrete Finish	3.75	
03 35 33 00-0004	SF	>10,000 SF Stamped Concrete Finish	3.58	
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	1.95	
		For Up To 500, Add	3.71	
		For >500 To 1,000, Add	3.44	
		For >1,000 To 2,500, Add	2.27	
		For >2,500 To 4,000, Add	1.18	
		For >8,000 To 15,000, Deduct	-0.46	
		For >15,000 To 25,000, Deduct	-0.58	
		For >25,000, Deduct	-0.82	
03 35 43 00-0003	SF	Mechanically Grind Concrete Floor With 80 Grit Metal Bonded Diamond Wheels	1.56	
		For Up To 500, Add	2.95	
		For >500 To 1,000, Add	2.74	
		For >1,000 To 2,500, Add	1.81	
		For >2,500 To 4,000, Add	0.94	
		For >8,000 To 15,000, Deduct	-0.36	
		For >15,000 To 25,000, Deduct	-0.46	
		For >25,000, Deduct	-0.65	
03 35 43 00-0004	SF	Mechanically Grind Concrete Floor With 100 Grit Resin Bonded Diamond Wheels	1.31	
		For Up To 500, Add	2.46	
		For >500 To 1,000, Add	2.29	
		For >1,000 To 2,500, Add	1.51	
		For >2,500 To 4,000, Add	0.79	
		For >8,000 To 15,000, Deduct	-0.30	
		For >15,000 To 25,000, Deduct	-0.39	
		For >25,000, Deduct	-0.55	
03 35 43 00-0005	SF	Mechanically Grind Concrete Floor With 150 Grit Metal Bonded Diamond Wheels	1.21	
		For Up To 500, Add	2.27	
		For >500 To 1,000, Add	2.11	
		For >1,000 To 2,500, Add	1.39	
		For >2,500 To 4,000, Add	0.73	
		For >8,000 To 15,000, Deduct	-0.28	
		For >15,000 To 25,000, Deduct	-0.36	
		For >25,000, Deduct	-0.50	
03 35 43 00-0006	SF	Mechanically Grind Concrete Floor With 200 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 00-0007	SF	Mechanically Grind Concrete Floor With 400 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 00-0008	SF	Mechanically Grind Concrete Floor With 800 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 00-0009	SF	Mechanically Grind Concrete Floor With 1,500 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 00-0010	SF	High Speed Burnish Concrete Floor With Diamond Pads	0.28	
		For Up To 500, Add	0.47	
		For >500 To 1,000, Add	0.43	
		For >1,000 To 2,500, Add	0.29	
		For >2,500 To 4,000, Add	0.15	
		For >8,000 To 15,000, Deduct	-0.06	
		For >15,000 To 25,000, Deduct	-0.07	
		For >25,000, Deduct	-0.10	

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 For Concrete Floor Polishing	0.52	
			For Up To 500, Add	0.56	
			For >500 To 1,000, Add	0.52	
			For >1,000 To 2,500, Add	0.35	
			For >2,500 To 4,000, Add	0.18	
			For >8,000 To 15,000, Deduct	-0.07	
			For >15,000 To 25,000, Deduct	-0.09	
			For >25,000, Deduct	-0.12	
03 35 43 00-0012	SF		Apply 2 Coats Of Concrete Densifier With Stain Protector For Concrete Floor Polishing	0.90	
			For Up To 500, Add	0.83	
			For >500 To 1,000, Add	0.77	
			For >1,000 To 2,500, Add	0.51	
			For >2,500 To 4,000, Add	0.27	
			For >8,000 To 15,000, Deduct	-0.10	
			For >15,000 To 25,000, Deduct	-0.13	
			For >25,000, Deduct	-0.18	
03 35 43 00-0013	SF		Concrete Floor Polishing Final Clean Up	0.15	
			For Up To 500, Add	0.29	
			For >500 To 1,000, Add	0.27	
			For >1,000 To 2,500, Add	0.18	
			For >2,500 To 4,000, Add	0.09	
			For >8,000 To 15,000, Deduct	-0.04	
			For >15,000 To 25,000, Deduct	-0.05	
			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	1.63	
			For Up To 100, Add	1.98	
			For >100 To 250, Add	0.50	
			For >250 To 500, Add	0.25	
			For >5,000 To 10,000, Deduct	-0.05	
			For >10,000, Deduct	-0.10	
03 35 63 00-0003	SF		Silicone Carbide Abrasive Floor Finish 0.25 LB/SF	1.33	
			For Up To 100, Add	1.98	
			For >100 To 250, Add	0.50	
			For >250 To 500, Add	0.25	
			For >5,000 To 10,000, Deduct	-0.05	
			For >10,000, Deduct	-0.10	
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	0.92	
			For Up To 100, Add	0.94	
			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			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	1.80	
			For Up To 100, Add	3.44	
			For >100 To 250, Add	0.86	
			For >250 To 500, Add	0.43	
			For >5,000 To 10,000, Deduct	-0.09	
			For >10,000, Deduct	-0.17	
03 35 83 00-0003	SF		1/16" Float Finish, New Concrete Wall Finishes	2.70	
			For Up To 100, Add	5.16	
			For >100 To 250, Add	1.29	
			For >250 To 500, Add	0.65	
			For >5,000 To 10,000, Deduct	-0.13	
			For >10,000, Deduct	-0.26	
03 35 83 00-0004	SF		Etch With Acid And Rinse, New Concrete Wall Finishes	1.02	
			For Up To 100, Add	1.14	
			For >100 To 250, Add	0.29	
			For >250 To 500, Add	0.14	
			For >5,000 To 10,000, Deduct	-0.03	
			For >10,000, Deduct	-0.06	
03 35 83 00-0005	SF		Bush Hammer Green Concrete, New Concrete Wall Finishes	5.50	
			For Up To 100, Add	10.92	
			For >100 To 250, Add	2.73	
			For >250 To 500, Add	1.37	
			For >5,000 To 10,000, Deduct	-0.27	
			For >10,000, Deduct	-0.55	



		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.....	8.52	
		For Up To 100, Add	16.88	
		For >100 To 250, Add	4.22	
		For >250 To 500, Add	2.11	
		For >5,000 To 10,000, Deduct	-0.42	
		For >10,000, Deduct	-0.84	
03 35 83 00-0007	SF	Break Ties And Patch, New Concrete Wall Finishes	1.02	
		For Up To 100, Add	1.84	
		For >100 To 250, Add	0.46	
		For >250 To 500, Add	0.23	
		For >5,000 To 10,000, Deduct	-0.05	
		For >10,000, Deduct	-0.09	
03 35 83 00-0008	SF	Carborundum Dry Rub, New Concrete Wall Finishes.....	3.54	
		For Up To 100, Add	6.88	
		For >100 To 250, Add	1.72	
		For >250 To 500, Add	0.86	
		For >5,000 To 10,000, Deduct	-0.17	
		For >10,000, Deduct	-0.34	
03 35 83 00-0009	SF	Carborundum Wet Rub, New Concrete Wall Finishes	5.41	
		For Up To 100, Add	10.62	
		For >100 To 250, Add	2.66	
		For >250 To 500, Add	1.33	
		For >5,000 To 10,000, Deduct	-0.27	
		For >10,000, Deduct	-0.53	
03 35 83 00-0010	SF	Up To 1/4" Penetration Abrasive Media Blasting, New Concrete Wall Finishes	5.68	
		Note: 4.5 Lbs of sand or abrasive media material per SF		
		For Up To 100, Add	9.16	
		For >100 To 250, Add	2.29	
		For >250 To 500, Add	1.15	
		For >5,000 To 10,000, Deduct	-0.23	
		For >10,000, Deduct	-0.46	
03 35 83 00-0011	SF	>1/4" To 1/2" Penetration Abrasive Media Blasting, New Concrete Wall Finishes	11.36	
		Note: 9 Lbs of sand abrasive media material per SF		
		For Up To 100, Add	18.34	
		For >100 To 250, Add	4.59	
		For >250 To 500, Add	2.29	
		For >5,000 To 10,000, Deduct	-0.46	
		For >10,000, Deduct	-0.92	

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	3.64	
		For Up To 25, Add	0.69	
		For >25 To 50, Add	0.40	
		For >50 To 150, Add	0.16	
03 37 13 00-0003	SF	2" Thick Shotcrete, Fiber Reinforced	6.83	
		For Up To 25, Add	1.27	
		For >25 To 50, Add	0.74	
		For >50 To 150, Add	0.30	
03 37 13 00-0004	SF	3" Thick Shotcrete, Fiber Reinforced	9.65	
		For Up To 25, Add	1.76	
		For >25 To 50, Add	1.01	
		For >50 To 150, Add	0.40	
03 37 13 00-0005	SF	4" Thick Shotcrete, Fiber Reinforced	12.15	
		For Up To 25, Add	2.17	
		For >25 To 50, Add	1.24	
		For >50 To 150, Add	0.48	
03 37 13 00-0006	SF	6" Thick Shotcrete, Fiber Reinforced	16.43	
		For Up To 25, Add	2.81	
		For >25 To 50, Add	1.60	
		For >50 To 150, Add	0.58	

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	4.00	
		For Radius Or Irregular Surface, Add	1.21	
		For Up To 25, Add	0.85	
		For >25 To 50, Add	0.50	
		For >50 To 150, Add	0.23	
03 37 13 00-0009	SF	2" Thick Gunite (Dry Mix Shotcrete), Sprayed	7.39	
		For Radius Or Irregular Surface, Add	2.17	
		For Up To 25, Add	1.55	
		For >25 To 50, Add	0.91	
		For >50 To 150, Add	0.41	
03 37 13 00-0010	SF	3" Thick Gunite (Dry Mix Shotcrete), Sprayed	10.26	
		For Radius Or Irregular Surface, Add	2.92	
		For Up To 25, Add	2.12	
		For >25 To 50, Add	1.24	
		For >50 To 150, Add	0.55	

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 Gunite (Dry Mix Shotcrete), Sprayed	12.71	
For Radius Or Irregular Surface, Add	3.51	
For Up To 25, Add	2.59	
For >25 To 50, Add	1.51	
For >50 To 150, Add	0.66	
03 37 13 00-0012 SF 5" Thick Gunite (Dry Mix Shotcrete), Sprayed	14.78	
For Radius Or Irregular Surface, Add	3.94	
For Up To 25, Add	2.96	
For >25 To 50, Add	1.73	
For >50 To 150, Add	0.74	
03 37 13 00-0013 SF 6" Thick Gunite (Dry Mix Shotcrete), Sprayed	16.57	
For Radius Or Irregular Surface, Add	4.26	
For Up To 25, Add	3.26	
For >25 To 50, Add	1.89	
For >50 To 150, Add	0.80	
03 37 13 00-0014 SF 8" Thick Gunite (Dry Mix Shotcrete), Sprayed	20.66	
For Radius Or Irregular Surface, Add	5.12	
For Up To 25, Add	3.98	
For >25 To 50, Add	2.31	
For >50 To 150, Add	0.96	
03 37 13 00-0015 SF 10" Thick Gunite (Dry Mix Shotcrete), Sprayed	24.22	
For Radius Or Irregular Surface, Add	5.75	
For Up To 25, Add	4.58	
For >25 To 50, Add	2.65	
For >50 To 150, Add	1.08	
03 37 13 00-0016 SF 12" Thick Gunite (Dry Mix Shotcrete), Sprayed	27.34	
For Radius Or Irregular Surface, Add	6.21	
For Up To 25, Add	5.06	
For >25 To 50, Add	2.92	
For >50 To 150, Add	1.16	

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 90 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)	255.67	
03 37 16 00-0003 HR 70' To 80' Boom Truck For Concrete Placement (117 CY Per Hour Rating)	277.43	
03 37 16 00-0004 HR 90' To 100' Boom Truck For Concrete Placement (117 CY Per Hour Rating)	356.02	
03 37 16 00-0005 HR 105' To 115' Boom Truck For Concrete Placement (117 CY Per Hour Rating)	404.94	
03 37 16 00-0006 HR 120' To 130' Boom Truck For Concrete Placement (170 CY Per Hour Rating)	455.43	
03 37 16 00-0007 HR 135' To 140' Boom Truck For Concrete Placement (170 CY Per Hour Rating)	562.36	
03 37 16 00-0008 HR 148' To 155' Boom Truck For Concrete Placement (170 CY Per Hour Rating)	626.15	
03 37 16 00-0009 HR 170' To 175' Boom Truck For Concrete Placement (182 CY Per Hour Rating)	780.66	
03 37 16 00-0010 HR 35 CY/HR, 66 HP Trailer Mounted Concrete Pump	180.47	

Note: Includes hoses

03 39 Concrete Curing (03 30)**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	0.37	

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	33.23	

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	309.96	
03 39 23 23-0005 CSF Non-Electric, Cold Weather Concrete Curing Blanket	39.92	

03 40 Precast Concrete (03)

Note: Precast concrete material prices are based on a precast operation producing large quantities of precast products. Includes 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	
	Precast Concrete	03 40	
	Precast Structural Concrete	03 41	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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	362.16 289.75
03 41 16 00-0004 EA	Erect Precast Floor Deck, 2-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane	402.59 322.02
03 41 16 00-0005 EA	Erect Precast Floor Deck, 3-4 Ton/Piece 105' Maximum Radius With 90 Ton Crane	427.50 341.97
03 41 16 00-0006 EA	Erect Precast Floor Deck, 4-5 Ton/Piece 88' Maximum Radius With 90 Ton Crane	453.19 362.58
03 41 16 00-0007 EA	Erect Precast Floor Deck, 5-6 Ton/Piece 82' Maximum Radius With 90 Ton Crane	484.99 387.97
03 41 16 00-0008 EA	Erect Precast Floor Deck, 6-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane	518.33 414.67
03 41 16 00-0009 EA	Erect Precast Floor Deck, 7-8 Ton/Piece 70' Maximum Radius With 90 Ton Crane	556.60 445.25
03 41 16 00-0010 EA	Erect Precast Floor Deck, 8-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane	605.36 484.26
03 41 16 00-0011 EA	Erect Precast Floor Deck, 9-10 Ton/Piece 60' Maximum Radius With 90 Ton Crane	658.20 526.63

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.....	31.32
	For 3,500 PSI Concrete, Add	0.63
	For 4,000 PSI Concrete, Add	0.94
	For 4,500 PSI Concrete, Add	1.25
	For 5,000 PSI Concrete, Add	1.88
03 41 16 00-0014 SF	5" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect.....	37.59
	For 3,500 PSI Concrete, Add	0.75
	For 4,000 PSI Concrete, Add	1.13
	For 4,500 PSI Concrete, Add	1.50
	For 5,000 PSI Concrete, Add	2.26
03 41 16 00-0015 SF	6" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect.....	45.94
	For 3,500 PSI Concrete, Add	0.92
	For 4,000 PSI Concrete, Add	1.38
	For 4,500 PSI Concrete, Add	1.84
	For 5,000 PSI Concrete, Add	2.76
03 41 16 00-0016 SF	8" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect.....	60.98
	For 3,500 PSI Concrete, Add	1.22
	For 4,000 PSI Concrete, Add	1.83
	For 4,500 PSI Concrete, Add	2.44
	For 5,000 PSI Concrete, Add	3.66

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	444.64 355.70
03 41 16 00-0020 EA	Erect Precast Comb Deck, 5-10 Ton/Piece Beam And Slab, 60' Maximum Radius With 90 Ton Crane	484.63 387.75
03 41 16 00-0021 EA	Erect Precast Comb Deck, 10-15 Ton/Piece Beam And Slab, 43' Maximum Radius With 90 Ton Crane	535.65 428.47
03 41 16 00-0022 EA	Erect Precast Comb Deck, 15-20 Ton/Piece Beam And Slab, 36' Maximum Radius With 90 Ton Crane	594.78 475.80
03 41 16 00-0023 EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 31' Maximum Radius With 90 Ton Crane	668.59 534.82

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	562.59 450.11
03 41 16 00-0026 EA	Erect Precast Comb Deck, 5-10 Ton/Piece Beam And Slab, 75' Maximum Radius, 125 Ton Crane	613.20 490.52
03 41 16 00-0027 EA	Erect Precast Comb Deck, 10-15 Ton/Piece Beam And Slab, 55' Maximum Radius, 125 Ton Crane	677.74 542.24
03 41 16 00-0028 EA	Erect Precast Comb Deck, 15-20 Ton/Piece Beam And Slab, 50' Maximum Radius, 125 Ton Crane	752.56 602.07
03 41 16 00-0029 EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 40' Maximum Radius, 125 Ton Crane	845.94 676.83
03 41 16 00-0030 EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 33' Maximum Radius, 125 Ton Crane	919.80 735.79
03 41 16 00-0031 EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 30' Maximum Radius, 125 Ton Crane	1,016.62 813.29
03 41 16 00-0032 EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 28' Maximum Radius, 125 Ton Crane	1,125.19 900.21
03 41 16 00-0033 EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 26' Maximum Radius, 125 Ton Crane	1,273.57 1,018.85

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.....	3,299.46
	For 3,500 PSI Concrete, Add	65.99
	For 4,000 PSI Concrete, Add	98.98
	For 4,500 PSI Concrete, Add	131.98
	For 5,000 PSI Concrete, Add	197.97
03 41 16 00-0037 CY	Precast Combination Deck, 4" Slab With Beams Edge Beam + 1 Interim Beam, 3,000 PSI Concrete.....	3,341.22
	For 3,500 PSI Concrete, Add	66.82
	For 4,000 PSI Concrete, Add	100.24
	For 4,500 PSI Concrete, Add	133.65
	For 5,000 PSI Concrete, Add	200.47

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.....	3,758.87	
		For 3,500 PSI Concrete, Add	75.18	
		For 4,000 PSI Concrete, Add	112.77	
		For 4,500 PSI Concrete, Add	150.35	
		For 5,000 PSI Concrete, Add	225.53	
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.....	3,382.99	
		For 3,500 PSI Concrete, Add	67.66	
		For 4,000 PSI Concrete, Add	101.49	
		For 4,500 PSI Concrete, Add	135.32	
		For 5,000 PSI Concrete, Add	202.98	
03 41 16 00-0041	CY	Precast Combination Deck, 5" Slab With Beams Edge Beam + 1 Interim Beam, 3,000 PSI Concrete.....	3,508.28	
		For 3,500 PSI Concrete, Add	70.17	
		For 4,000 PSI Concrete, Add	105.25	
		For 4,500 PSI Concrete, Add	140.33	
		For 5,000 PSI Concrete, Add	210.50	
03 41 16 00-0042	CY	Precast Combination Deck, 5" Slab With Beams Edge Beam + 2 Interim Beam, 3,000 PSI Concrete.....	4,468.88	
		For 3,500 PSI Concrete, Add	89.38	
		For 4,000 PSI Concrete, Add	134.07	
		For 4,500 PSI Concrete, Add	178.76	
		For 5,000 PSI Concrete, Add	268.13	
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.....	3,508.28	
		For 3,500 PSI Concrete, Add	70.17	
		For 4,000 PSI Concrete, Add	105.25	
		For 4,500 PSI Concrete, Add	140.33	
		For 5,000 PSI Concrete, Add	210.50	
03 41 16 00-0045	CY	Precast Combination Deck, 6" Slab With Beams Edge Beam + 1 Interim Beam, 3,000 PSI Concrete.....	4,176.53	
		For 3,500 PSI Concrete, Add	83.53	
		For 4,000 PSI Concrete, Add	125.30	
		For 4,500 PSI Concrete, Add	167.06	
		For 5,000 PSI Concrete, Add	250.59	
03 41 16 00-0046	CY	Precast Combination Deck, 6" Slab With Beams Edge Beam + 2 Interim Beam, 3,000 PSI Concrete.....	5,095.36	
		For 3,500 PSI Concrete, Add	101.91	
		For 4,000 PSI Concrete, Add	152.86	
		For 4,500 PSI Concrete, Add	203.81	
		For 5,000 PSI Concrete, Add	305.72	
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.....	357.56	286.07
03 41 19 00-0004	EA	Erect Precast Wall Panel 1-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane.....	397.47	317.93
03 41 19 00-0005	EA	Erect Precast Wall Panel 3-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane.....	447.44	357.98
03 41 19 00-0006	EA	Erect Precast Wall Panel 5-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane.....	478.84	383.04
03 41 19 00-0007	EA	Erect Precast Wall Panel 7-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane.....	511.75	409.40
03 41 19 00-0008	EA	Erect Precast Wall Panel 9-11 Ton/Piece 30' Maximum Radius With 50 Ton Crane.....	549.53	439.59
03 41 19 00-0009	EA	Erect Precast Wall Panel 11-13 Ton/Piece 25' Maximum Radius With 50 Ton Crane.....	597.67	478.11
03 41 19 00-0010	EA	Erect Precast Wall Panel 13-15 Ton/Piece 23' Maximum Radius With 50 Ton Crane.....	649.84	519.94
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.....	399.99	319.95
03 41 19 00-0013	EA	Erect Precast Wall Panel 1-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane.....	444.64	355.70
03 41 19 00-0014	EA	Erect Precast Wall Panel 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane.....	500.53	400.48
03 41 19 00-0015	EA	Erect Precast Wall Panel 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane.....	535.65	428.47
03 41 19 00-0016	EA	Erect Precast Wall Panel 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane.....	572.48	457.98
03 41 19 00-0017	EA	Erect Precast Wall Panel 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane.....	614.74	491.82
03 41 19 00-0018	EA	Erect Precast Wall Panel 11-13 Ton/Piece 50' Maximum Radius With 90 Ton Crane.....	668.59	534.82
03 41 19 00-0019	EA	Erect Precast Wall Panel 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane.....	726.95	581.51
03 41 19 00-0020	EA	Erect Precast Wall Panel 15-20 Ton/Piece 36' Maximum Radius With 90 Ton Crane.....	803.47	642.83
03 41 19 00-0021	EA	Erect Precast Wall Panel 20-25 Ton/Piece 31' Maximum Radius With 90 Ton Crane.....	889.29	711.39
03 41 19 00-0022	EA	Erect Precast Wall Panel 25-30 Ton/Piece 26' Maximum Radius With 90 Ton Crane.....	1,006.55	805.28
03 41 19 00-0023	EA	Erect Precast Wall Panel 30-35 Ton/Piece 25' Maximum Radius With 90 Ton Crane.....	1,144.95	915.96
03 41 19 00-0024	EA	Erect Precast Wall Panel 35-40 Ton/Piece 23' Maximum Radius With 90 Ton Crane.....	1,327.49	1,062.01
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	
	Precast Concrete	03 40	
	Precast Structural Concrete	03 41	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 19 00-0026	SF	4" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect.....	41.76	
		For 3,500 PSI Concrete, Add	0.84	
		For 4,000 PSI Concrete, Add	1.25	
		For 4,500 PSI Concrete, Add	1.67	
		For 5,000 PSI Concrete, Add	2.51	
		For White Facing, Add	8.35	
		For Solid White Through Thickness, Add	8.35	
		For Broken Rib Finish, Add	4.18	
		For Fluted Surface, Add	4.18	
		For Exposed Aggregate, Add	8.35	
		For Sandblasting Of Surface, Add	4.18	
		For 2" Polystyrene Insulation, Add	1.81	
03 41 19 00-0027	SF	5" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect.....	51.37	
		For 3,500 PSI Concrete, Add	1.03	
		For 4,000 PSI Concrete, Add	1.54	
		For 4,500 PSI Concrete, Add	2.05	
		For 5,000 PSI Concrete, Add	3.08	
		For White Facing, Add	10.27	
		For Solid White Through Thickness, Add	10.27	
		For Broken Rib Finish, Add	5.14	
		For Fluted Surface, Add	5.14	
		For Exposed Aggregate, Add	10.27	
		For Sandblasting Of Surface, Add	5.14	
		For 2" Polystyrene Insulation, Add	1.81	
03 41 19 00-0028	SF	6" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect.....	61.81	
		For 3,500 PSI Concrete, Add	1.24	
		For 4,000 PSI Concrete, Add	1.85	
		For 4,500 PSI Concrete, Add	2.47	
		For 5,000 PSI Concrete, Add	3.71	
		For White Facing, Add	12.36	
		For Solid White Through Thickness, Add	12.36	
		For Broken Rib Finish, Add	6.18	
		For Fluted Surface, Add	6.18	
		For Exposed Aggregate, Add	12.36	
		For Sandblasting Of Surface, Add	6.18	
		For 2" Polystyrene Insulation, Add	1.81	
03 41 19 00-0029	SF	8" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect.....	81.44	
		For 3,500 PSI Concrete, Add	1.63	
		For 4,000 PSI Concrete, Add	2.44	
		For 4,500 PSI Concrete, Add	3.26	
		For 5,000 PSI Concrete, Add	4.89	
		For White Facing, Add	16.29	
		For Solid White Through Thickness, Add	16.29	
		For Broken Rib Finish, Add	8.14	
		For Fluted Surface, Add	8.14	
		For Exposed Aggregate, Add	16.29	
		For Sandblasting Of Surface, Add	8.14	
		For 2" Polystyrene Insulation, Add	1.81	
03 41 19 00-0030		Partition Panels (03 41 19 00-0030)		
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.....	283.60	226.84
03 41 19 00-0033	EA	Erect Precast Partition Wall 1-2 Ton/Piece 50' Maximum Radius With 20 Ton Crane.....	315.27	252.25
03 41 19 00-0034	EA	Erect Precast Partition Wall 2-3 Ton/Piece 41' Maximum Radius With 20 Ton Crane.....	354.89	283.90
03 41 19 00-0035	EA	Erect Precast Partition Wall 3-4 Ton/Piece 33' Maximum Radius With 20 Ton Crane.....	405.90	324.72
03 41 19 00-0036	EA	Erect Precast Partition Wall 4-5 Ton/Piece 30' Maximum Radius With 20 Ton Crane.....	435.88	348.73
03 41 19 00-0037	EA	Erect Precast Partition Wall 5-6 Ton/Piece 26' Maximum Radius With 20 Ton Crane.....	474.06	379.23
03 41 19 00-0038	EA	Erect Precast Partition Wall 6-7 Ton/Piece 23' Maximum Radius With 20 Ton Crane.....	515.43	412.40
03 41 19 00-0039	EA	Erect Precast Partition Wall 7-8 Ton/Piece 20' Maximum Radius With 20 Ton Crane.....	569.69	455.77
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.....	357.56	286.07
03 41 19 00-0042	EA	Erect Precast Partition Wall 1-2 Ton/Piece 82' Maximum Radius With 50 Ton Crane.....	397.47	317.93
03 41 19 00-0043	EA	Erect Precast Partition Wall 2-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane.....	447.44	357.98
03 41 19 00-0044	EA	Erect Precast Partition Wall 3-4 Ton/Piece 57' Maximum Radius With 50 Ton Crane.....	511.75	409.40
03 41 19 00-0045	EA	Erect Precast Partition Wall 4-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane.....	549.53	439.59
03 41 19 00-0046	EA	Erect Precast Partition Wall 5-6 Ton/Piece 44' Maximum Radius With 50 Ton Crane.....	597.67	478.11
03 41 19 00-0047	EA	Erect Precast Partition Wall 6-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane.....	649.84	519.94
03 41 19 00-0048	EA	Erect Precast Partition Wall 7-8 Ton/Piece 36' Maximum Radius With 50 Ton Crane.....	718.25	574.57
03 41 19 00-0049	EA	Erect Precast Partition Wall 8-10 Ton/Piece 31' Maximum Radius With 50 Ton Crane.....	794.96	635.99
03 41 19 00-0050	EA	Erect Precast Partition Wall 10-12 Ton/Piece 26' Maximum Radius With 50 Ton Crane.....	899.79	719.78
03 41 19 00-0051	EA	Erect Precast Partition Wall 12-14 Ton/Piece 25' Maximum Radius With 50 Ton Crane.....	1,023.51	818.80
03 41 19 00-0052	EA	Erect Precast Partition Wall 14-16 Ton/Piece 21' Maximum Radius With 50 Ton Crane.....	1,186.67	949.30
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.....	39.68	
			For 4,000 PSI Concrete, Add	1.19	
			For 4,500 PSI Concrete, Add	1.59	
			For 5,000 PSI Concrete, Add	2.38	
			For White Facing, Add	7.94	
			For Solid White Through Thickness, Add	7.94	
			For Broken Rib Finish, Add	3.97	
			For Fluted Surface, Add	3.97	
			For Exposed Aggregate, Add	7.94	
			For Sandblasting Of Surface, Add	3.97	
03 41 19 00-0055	SF		5" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect.....	46.86	
			For 4,000 PSI Concrete, Add	1.47	
			For 4,500 PSI Concrete, Add	1.95	
			For 5,000 PSI Concrete, Add	2.93	
			For White Facing, Add	9.77	
			For Solid White Through Thickness, Add	9.77	
			For Broken Rib Finish, Add	4.89	
			For Fluted Surface, Add	4.89	
			For Exposed Aggregate, Add	9.77	
			For Sandblasting Of Surface, Add	4.89	
03 41 19 00-0056	SF		6" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect.....	58.47	
			For 4,000 PSI Concrete, Add	1.75	
			For 4,500 PSI Concrete, Add	2.34	
			For 5,000 PSI Concrete, Add	3.51	
			For White Facing, Add	11.69	
			For Solid White Through Thickness, Add	11.69	
			For Broken Rib Finish, Add	5.85	
			For Fluted Surface, Add	5.85	
			For Exposed Aggregate, Add	11.69	
			For Sandblasting Of Surface, Add	5.85	
03 41 19 00-0057	SF		8" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect.....	77.27	
			For 4,000 PSI Concrete, Add	2.32	
			For 4,500 PSI Concrete, Add	3.09	
			For 5,000 PSI Concrete, Add	4.64	
			For White Facing, Add	15.45	
			For Solid White Through Thickness, Add	15.45	
			For Broken Rib Finish, Add	7.73	
			For Fluted Surface, Add	7.73	
			For Exposed Aggregate, Add	15.45	
			For Sandblasting Of Surface, Add	7.73	
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.....	377.32	301.80
03 41 19 00-0061	EA		Erect Precast Cladding 1-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane.....	422.07	337.63
03 41 19 00-0062	EA		Erect Precast Cladding 3-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane.....	478.84	383.04
03 41 19 00-0063	EA		Erect Precast Cladding 5-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane.....	511.75	409.40
03 41 19 00-0064	EA		Erect Precast Cladding 7-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane.....	549.53	439.59
03 41 19 00-0065	EA		Erect Precast Cladding 9-11 Ton/Piece 30' Maximum Radius With 50 Ton Crane.....	597.67	478.11
03 41 19 00-0066	EA		Erect Precast Cladding 11-13 Ton/Piece 25' Maximum Radius With 50 Ton Crane.....	649.84	519.94
03 41 19 00-0067	EA		Erect Precast Cladding 13-15 Ton/Piece 23' Maximum Radius With 50 Ton Crane.....	718.25	574.57
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.....	422.11	337.63
03 41 19 00-0070	EA		Erect Precast Cladding 1-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane.....	472.14	377.71
03 41 19 00-0071	EA		Erect Precast Cladding 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane.....	535.65	428.47
03 41 19 00-0072	EA		Erect Precast Cladding 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane.....	572.48	457.98
03 41 19 00-0073	EA		Erect Precast Cladding 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane.....	614.74	491.82
03 41 19 00-0074	EA		Erect Precast Cladding 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane.....	668.59	534.82
03 41 19 00-0075	EA		Erect Precast Cladding 11-13 Ton/Piece 90' Maximum Radius With 90 Ton Crane.....	726.95	581.51
03 41 19 00-0076	EA		Erect Precast Cladding 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane.....	803.47	642.83
03 41 19 00-0077	EA		Erect Precast Cladding 15-20 Ton/Piece 36' Maximum Radius With 90 Ton Crane.....	889.29	711.39
03 41 19 00-0078	EA		Erect Precast Cladding 20-25 Ton/Piece 31' Maximum Radius With 90 Ton Crane.....	1,006.55	805.28
03 41 19 00-0079	EA		Erect Precast Cladding 25-30 Ton/Piece 26' Maximum Radius With 90 Ton Crane.....	1,144.95	915.96
03 41 19 00-0080	EA		Erect Precast Cladding 30-35 Ton/Piece 25' Maximum Radius With 90 Ton Crane.....	1,327.49	1,062.01
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
03 41 19 00-0082	SF	4" Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect.....	39.68	
		For 3,500 PSI Concrete, Add	0.79	
		For 4,000 PSI Concrete, Add	1.19	
		For 4,500 PSI Concrete, Add	1.59	
		For 5,000 PSI Concrete, Add	2.38	
		For White Facing, Add	7.94	
		For Solid White Through Thickness, Add	7.94	
		For Broken Rib Finish, Add	3.97	
		For Fluted Surface, Add	3.97	
		For Exposed Aggregate, Add	7.94	
		For Sandblasting Of Surface, Add	3.97	
03 41 19 00-0083	SF	5" Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect.....	48.86	
		For 3,500 PSI Concrete, Add	0.98	
		For 4,000 PSI Concrete, Add	1.47	
		For 4,500 PSI Concrete, Add	1.95	
		For 5,000 PSI Concrete, Add	2.93	
		For White Facing, Add	9.77	
		For Solid White Through Thickness, Add	9.77	
		For Broken Rib Finish, Add	4.89	
		For Fluted Surface, Add	4.89	
		For Exposed Aggregate, Add	9.77	
		For Sandblasting Of Surface, Add	4.89	
03 41 19 00-0084	SF	6" Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect.....	58.47	
		For 3,500 PSI Concrete, Add	1.17	
		For 4,000 PSI Concrete, Add	1.75	
		For 4,500 PSI Concrete, Add	2.34	
		For 5,000 PSI Concrete, Add	3.51	
		For White Facing, Add	11.69	
		For Solid White Through Thickness, Add	11.69	
		For Broken Rib Finish, Add	5.85	
		For Fluted Surface, Add	5.85	
		For Exposed Aggregate, Add	11.69	
		For Sandblasting Of Surface, Add	5.85	
03 41 19 00-0085	SF	8" Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect.....	77.27	
		For 3,500 PSI Concrete, Add	1.55	
		For 4,000 PSI Concrete, Add	2.32	
		For 4,500 PSI Concrete, Add	3.09	
		For 5,000 PSI Concrete, Add	4.64	
		For White Facing, Add	15.45	
		For Solid White Through Thickness, Add	15.45	
		For Broken Rib Finish, Add	7.73	
		For Fluted Surface, Add	7.73	
		For Exposed Aggregate, Add	15.45	
		For Sandblasting Of Surface, Add	7.73	
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	377.32	301.80
03 41 19 00-0089	EA	Erect Precast Sandwich Panel 1-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane	422.07	337.63
03 41 19 00-0090	EA	Erect Precast Sandwich Panel 3-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane	478.84	383.04
03 41 19 00-0091	EA	Erect Precast Sandwich Panel 5-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane	511.75	409.40
03 41 19 00-0092	EA	Erect Precast Sandwich Panel 7-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane	549.53	439.59
03 41 19 00-0093	EA	Erect Precast Sandwich Panel 9-11 Ton/Piece 30' Maximum Radius With 50 Ton Crane	597.67	478.11
03 41 19 00-0094	EA	Erect Precast Sandwich Panel 11-13 Ton/Piece 25' Maximum Radius With 50 Ton Crane	649.84	519.94
03 41 19 00-0095	EA	Erect Precast Sandwich Panel 13-15 Ton/Piece 23' Maximum Radius With 50 Ton Crane	718.25	574.57
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	382.18	305.69
03 41 19 00-0098	EA	Erect Precast Sandwich Panel 1-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane	427.50	341.97
03 41 19 00-0099	EA	Erect Precast Sandwich Panel 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane	484.99	387.97
03 41 19 00-0100	EA	Erect Precast Sandwich Panel 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane	518.33	414.67
03 41 19 00-0101	EA	Erect Precast Sandwich Panel 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane	556.60	445.25
03 41 19 00-0102	EA	Erect Precast Sandwich Panel 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane	605.36	484.26
03 41 19 00-0103	EA	Erect Precast Sandwich Panel 11-13 Ton/Piece 50' Maximum Radius With 90 Ton Crane	658.20	526.63
03 41 19 00-0104	EA	Erect Precast Sandwich Panel 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane	727.49	581.96
03 41 19 00-0105	EA	Erect Precast Sandwich Panel 15-20 Ton/Piece 36' Maximum Radius With 90 Ton Crane	805.18	644.17
03 41 19 00-0106	EA	Erect Precast Sandwich Panel 20-25 Ton/Piece 31' Maximum Radius With 90 Ton Crane	911.36	729.04
03 41 19 00-0107	EA	Erect Precast Sandwich Panel 25-30 Ton/Piece 26' Maximum Radius With 90 Ton Crane	1,036.68	829.33
03 41 19 00-0108	EA	Erect Precast Sandwich Panel 30-35 Ton/Piece 25' Maximum Radius With 90 Ton Crane	1,201.94	961.51
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	54.29	
			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	
			For White Facing, Add	10.86	
			For Solid White Through Thickness, Add	10.86	
			For Broken Rib Finish, Add	5.43	
			For Fluted Surface, Add	5.43	
			For Exposed Aggregate, Add	10.86	
			For Sandblasting Of Surface, Add	5.43	
03 41 19 00-0111	SF		5" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect	63.90	
			For 3,500 PSI Concrete, Add	1.28	
			For 4,000 PSI Concrete, Add	1.92	
			For 4,500 PSI Concrete, Add	2.56	
			For 5,000 PSI Concrete, Add	3.83	
			For White Facing, Add	12.78	
			For Solid White Through Thickness, Add	12.78	
			For Broken Rib Finish, Add	6.39	
			For Fluted Surface, Add	6.39	
			For Exposed Aggregate, Add	12.78	
			For Sandblasting Of Surface, Add	6.39	
03 41 19 00-0112	SF		6" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect	74.34	
			For 3,500 PSI Concrete, Add	1.49	
			For 4,000 PSI Concrete, Add	2.23	
			For 4,500 PSI Concrete, Add	2.97	
			For 5,000 PSI Concrete, Add	4.46	
			For White Facing, Add	14.87	
			For Solid White Through Thickness, Add	14.87	
			For Broken Rib Finish, Add	7.43	
			For Fluted Surface, Add	7.43	
			For Exposed Aggregate, Add	14.87	
			For Sandblasting Of Surface, Add	7.43	
03 41 19 00-0113	SF		8" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect	93.97	
			For 3,500 PSI Concrete, Add	1.88	
			For 4,000 PSI Concrete, Add	2.82	
			For 4,500 PSI Concrete, Add	3.76	
			For 5,000 PSI Concrete, Add	5.64	
			For White Facing, Add	18.79	
			For Solid White Through Thickness, Add	18.79	
			For Broken Rib Finish, Add	9.40	
			For Fluted Surface, Add	9.40	
			For Exposed Aggregate, Add	18.79	
			For Sandblasting Of Surface, Add	9.40	

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	397.47	317.93
03 41 23 00-0003	EA	Erect Precast Stairs, 2-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane	422.07	337.63
03 41 23 00-0004	EA	Erect Precast Stairs, 3-4 Ton/Piece 57' Maximum Radius With 50 Ton Crane	447.44	357.98
03 41 23 00-0005	EA	Erect Precast Stairs, 4-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane	478.84	383.04
03 41 23 00-0006	EA	Erect Precast Stairs, 5-6 Ton/Piece 44' Maximum Radius With 50 Ton Crane	511.75	409.40
03 41 23 00-0007	EA	Erect Precast Stairs, 6-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane	549.53	439.59
03 41 23 00-0008	EA	Erect Precast Stairs, 7-8 Ton/Piece 36' Maximum Radius With 50 Ton Crane	597.67	478.11
03 41 23 00-0009	EA	Erect Precast Stairs, 8-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane	649.84	519.94

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	397.47	317.93
03 41 23 00-0012	EA	Erect Precast Stairs, 2-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane	422.07	337.63
03 41 23 00-0013	EA	Erect Precast Stairs, 3-4 Ton/Piece 105' Maximum Radius With 90 Ton Crane	447.44	357.98
03 41 23 00-0014	EA	Erect Precast Stairs, 4-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane	478.84	383.04
03 41 23 00-0015	EA	Erect Precast Stairs, 5-6 Ton/Piece 82' Maximum Radius With 90 Ton Crane	511.75	409.40
03 41 23 00-0016	EA	Erect Precast Stairs, 6-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane	549.53	439.59
03 41 23 00-0017	EA	Erect Precast Stairs, 7-8 Ton/Piece 70' Maximum Radius With 90 Ton Crane	597.67	478.11
03 41 23 00-0018	EA	Erect Precast Stairs, 8-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane	649.84	519.94

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	837.02	
		For 3,500 PSI Concrete, Add	109.23	
		For 4,000 PSI Concrete, Add	205.24	
		For 4,500 PSI Concrete, Add	301.66	
		For 5,000 PSI Concrete, Add	410.39	

03 41 26 Precast Concrete Structural Sections (03 41)



	Concrete	03	3
	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	500.53	400.48
03 41 26 00-0004 EA Erect Precast Structural Sections, 5-10 Ton/Piece Beam, Girder, Joist; 60' Maximum Radius, 90 Ton Crane	535.65	428.47
03 41 26 00-0005 EA Erect Precast Structural Sections, 10-15 Ton/Piece Beam, Girder, Joist; 43' Maximum Radius, 90 Ton Crane	572.48	457.98
03 41 26 00-0006 EA Erect Precast Structural Sections, 15-20 Ton/Piece Beam, Girder, Joist; 36' Maximum Radius, 90 Ton Crane	614.74	491.82
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	633.30	506.60
03 41 26 00-0009 EA Erect Precast Structural Sections, 5-10 Ton/Piece Beam, Girder, Joist; 75' Maximum Radius, 125 Ton Crane	677.74	542.24
03 41 26 00-0010 EA Erect Precast Structural Sections, 10-15 Ton/Piece Beam, Girder, Joist; 55' Maximum Radius, 125 Ton Crane	724.34	579.47
03 41 26 00-0011 EA Erect Precast Structural Sections, 15-20 Ton/Piece Beam, Girder, Joist; 50' Maximum Radius, 125 Ton Crane	777.81	622.21
03 41 26 00-0012 EA Erect Precast Structural Sections, 20-25 Ton/Piece Beam, Girder, Joist; 40' Maximum Radius, 125 Ton Crane	845.94	676.83
03 41 26 00-0013 EA Erect Precast Structural Sections, 25-30 Ton/Piece Beam, Girder, Joist; 33' Maximum Radius, 125 Ton Crane	919.80	735.79
03 41 26 00-0014 EA Erect Precast Structural Sections, 30-35 Ton/Piece Beam, Girder, Joist; 30' Maximum Radius, 125 Ton Crane	1,016.62	813.29
03 41 26 00-0015 EA Erect Precast Structural Sections, 35-40 Ton/Piece Beam, Girder, Joist; 28' Maximum Radius, 125 Ton Crane	1,125.19	900.21
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.....	167.38	
For 3,500 PSI Concrete, Add	4.57	
For 4,000 PSI Concrete, Add	6.86	
For 4,500 PSI Concrete, Add	9.14	
For 5,000 PSI Concrete, Add	13.73	
03 41 26 00-0019 LF Precast Structural Sections, 1,000 LB/LF, 20' Span Live Load, Span, 3,000 PSI.....	209.22	
For 3,500 PSI Concrete, Add	5.71	
For 4,000 PSI Concrete, Add	8.58	
For 4,500 PSI Concrete, Add	11.42	
For 5,000 PSI Concrete, Add	17.16	
03 41 26 00-0020 LF Precast Structural Sections, 1,000 LB/LF, 30' Span Live Load, Span, 3,000 PSI.....	251.07	
For 3,500 PSI Concrete, Add	6.85	
For 4,000 PSI Concrete, Add	10.29	
For 4,500 PSI Concrete, Add	13.71	
For 5,000 PSI Concrete, Add	20.59	
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.....	209.22	
For 3,500 PSI Concrete, Add	5.71	
For 4,000 PSI Concrete, Add	8.58	
For 4,500 PSI Concrete, Add	11.42	
For 5,000 PSI Concrete, Add	17.16	
03 41 26 00-0023 LF Precast Structural Sections, 3,000 LB/LF, 20' Span Live Load, Span, 3,000 PSI.....	251.07	
For 3,500 PSI Concrete, Add	6.85	
For 4,000 PSI Concrete, Add	10.29	
For 4,500 PSI Concrete, Add	13.71	
For 5,000 PSI Concrete, Add	20.59	
03 41 26 00-0024 LF Precast Structural Sections, 3,000 LB/LF, 30' Span Live Load, Span, 3,000 PSI.....	334.76	
For 3,500 PSI Concrete, Add	9.14	
For 4,000 PSI Concrete, Add	13.73	
For 4,500 PSI Concrete, Add	18.28	
For 5,000 PSI Concrete, Add	27.45	
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.....	292.91	
For 3,500 PSI Concrete, Add	8.00	
For 4,000 PSI Concrete, Add	12.01	
For 4,500 PSI Concrete, Add	15.99	
For 5,000 PSI Concrete, Add	24.02	
03 41 26 00-0027 LF Precast Structural Sections, 5,000 LB/LF, 20' Span Live Load, Span, 3,000 PSI.....	334.76	
For 3,500 PSI Concrete, Add	9.14	
For 4,000 PSI Concrete, Add	13.73	
For 4,500 PSI Concrete, Add	18.28	
For 5,000 PSI Concrete, Add	27.45	
03 41 26 00-0028 LF Precast Structural Sections, 5,000 LB/LF, 30' Span Live Load, Span, 3,000 PSI.....	418.45	
For 3,500 PSI Concrete, Add	11.42	
For 4,000 PSI Concrete, Add	17.16	
For 4,500 PSI Concrete, Add	22.85	
For 5,000 PSI Concrete, Add	34.31	
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	289.98	231.96
03 41 26 00-0032 EA Erect Precast Concrete Columns, 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane	308.31	246.60
03 41 26 00-0033 EA Erect Precast Concrete Columns, 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane	330.41	264.35
03 41 26 00-0034 EA Erect Precast Concrete Columns, 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane	354.41	283.53
03 41 26 00-0035 EA Erect Precast Concrete Columns, 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane	382.18	305.69
03 41 26 00-0036 EA Erect Precast Concrete Columns, 11-13 Ton/Piece 50' Maximum Radius With 90 Ton Crane	414.67	331.74
03 41 26 00-0037 EA Erect Precast Concrete Columns, 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane	453.19	362.58
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	866.32	
For 3,500 PSI Concrete, Add	64.97	
For 4,000 PSI Concrete, Add	122.15	
For 4,500 PSI Concrete, Add	180.19	
For 5,000 PSI Concrete, Add	245.17	
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	887.72	
For 3,500 PSI Concrete, Add	66.58	
For 4,000 PSI Concrete, Add	125.17	
For 4,500 PSI Concrete, Add	184.65	
For 5,000 PSI Concrete, Add	251.22	
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	889.43	
For 3,500 PSI Concrete, Add	66.71	
For 4,000 PSI Concrete, Add	125.41	
For 4,500 PSI Concrete, Add	185.00	
For 5,000 PSI Concrete, Add	251.71	
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	889.43	
For 3,500 PSI Concrete, Add	66.71	
For 4,000 PSI Concrete, Add	125.41	
For 4,500 PSI Concrete, Add	185.00	
For 5,000 PSI Concrete, Add	251.71	
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	889.43	
For 3,500 PSI Concrete, Add	66.71	
For 4,000 PSI Concrete, Add	125.41	
For 4,500 PSI Concrete, Add	185.00	
For 5,000 PSI Concrete, Add	251.71	
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	887.72	
For 3,500 PSI Concrete, Add	66.58	
For 4,000 PSI Concrete, Add	125.17	
For 4,500 PSI Concrete, Add	184.65	
For 5,000 PSI Concrete, Add	251.22	
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	889.43	
For 3,500 PSI Concrete, Add	66.71	
For 4,000 PSI Concrete, Add	125.41	
For 4,500 PSI Concrete, Add	185.00	
For 5,000 PSI Concrete, Add	251.71	
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	17.77	2.36
03 41 33 00-0003 SF 6" Thick Precast Prestressed Slab, 16-25' Span Roof/Floor	22.13	2.36
03 41 33 00-0004 SF 8" Thick Precast Prestressed Slab, 25-32' Span Roof/Floor	26.50	2.48
03 41 33 00-0005 SF 10" Thick Precast Prestressed Slab, 32-40' Span Roof/Floor	30.88	2.60
03 41 33 00-0006 Tee Members (03 41 33)		



		Concrete	03	3
		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	39.85	3.07
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	56.52	8.38
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	46.90	5.08
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	56.22	4.37
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	28.81	0.95
03 41 33 00-0018	SF	Tees, Prestressed Quad Tee, Short Spans, Floor	30.07	0.95
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	47.88	0.82
03 41 33 00-0021	SF	Tees, Double Tee, Floor Members , 80' Span	65.93	0.82
03 41 33 00-0022	SF	Tees, Double Tee, Roof Members, 30' Span	32.70	1.41
03 41 33 00-0023	SF	Tees, Double Tee, Roof Members, 50' Span	50.62	0.95
03 41 33 00-0024	SF	Tees, Double Tee, Wall Members, Up To 55' High	35.44	1.89
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	56.70	2.12
03 41 33 00-0027	SF	Tees, Single Tee Roof Members, 80' Span	65.64	1.30
03 41 33 00-0028	SF	Tees, Single Tee Roof Members, 100' Span	86.83	1.18
03 41 33 00-0029	SF	Tees, Single Tee Roof Members, 120' Span	91.43	1.18
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'	14,654.10	339.88
03 41 33 00-0032	EA	Tees, Double Tees, Floor Members, Lightweight, 24" X 8' Wide, 50'	15,956.78	377.65
03 41 33 00-0033	EA	Tees, Double Tees, Floor Members, Lightweight, 32" X 10' Wide, 60'	26,687.63	424.85
03 41 33 00-0034	EA	Tees, Double Tees, Floor Members, Standard Weight, 12" X 8' Wide, 25'	5,743.18	309.08
03 41 33 00-0035	EA	Tees, Double Tees, Floor Members, Standard Weight, 16" X 8' Wide, 25'	7,539.50	339.88
03 41 33 00-0036	EA	Tees, Double Tees, Floor Members, Standard Weight, 18" X 8' Wide, 35'	9,632.03	339.88
03 41 33 00-0037	EA	Tees, Double Tees, Floor Members, Standard Weight, 20" X 8' Wide, 45'	10,725.46	377.65
03 41 33 00-0038	EA	Tees, Double Tees, Floor Members, Standard Weight, 24" X 8' Wide, 50'	13,713.94	424.85
03 41 33 00-0039	EA	Tees, Double Tees, Floor Members, Standard Weight, 32" X 10' Wide, 60'	24,671.25	485.74
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'	11,515.31	339.88
03 41 33 00-0042	EA	Tees, Double Tees, Roof Members, Lightweight, 24" X 8' Wide, 50'	15,119.77	377.65
03 41 33 00-0043	EA	Tees, Double Tees, Roof Members, Lightweight, 32" X 10' Wide, 60'	24,804.35	424.85
03 41 33 00-0044	EA	Tees, Double Tees, Roof Members, Standard Weight, 12" X 8' Wide, 30'	7,710.16	309.08
03 41 33 00-0045	EA	Tees, Double Tees, Roof Members, Standard Weight, 16" X 8' Wide, 30'	8,125.41	339.88
03 41 33 00-0046	EA	Tees, Double Tees, Roof Members, Standard Weight, 18" X 8' Wide, 30'	9,004.27	339.88
03 41 33 00-0047	EA	Tees, Double Tees, Roof Members, Standard Weight, 20" X 8' Wide, 40'	9,260.69	377.65
03 41 33 00-0048	EA	Tees, Double Tees, Roof Members, Standard Weight, 24" X 8' Wide, 50'	12,249.17	424.85
03 41 33 00-0049	EA	Tees, Double Tees, Roof Members, Standard Weight, 32" X 10' Wide, 60'	21,113.95	485.74
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	30.44	
03 41 33 00-0052	SF	Hollow Core Slab, 6" Slab, 16' - 25' Spans, Plant Produced Pretensioned Prestressed Concrete	31.69	
03 41 33 00-0053	SF	Hollow Core Slab, 8" Slab, 25' - 30' Spans, Plant Produced Pretensioned Prestressed Concrete	33.17	
03 41 33 00-0054	SF	Hollow Core Slab, 10" Slab, 30' - 35' Spans, Plant Produced Pretensioned Prestressed Concrete	34.28	
03 41 33 00-0055	SF	Hollow Core Slab, 12" Slab, 35' - 40' Spans, Plant Produced Pretensioned Prestressed Concrete	36.64	
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	36.80	
03 41 33 00-0059	SF	Double Tee With 16" Roof Loading, 40' Span, Pretensioned Prestressed Concrete	35.93	
03 41 33 00-0060	SF	Double Tee With 16" Roof Loading, 45' Span, Pretensioned Prestressed Concrete	33.92	
03 41 33 00-0061	SF	Double Tee With 16" Floor Loading, 30' Span, Pretensioned Prestressed Concrete	36.80	
03 41 33 00-0062	SF	Double Tee With 16" Floor Loading, 40' Span, Pretensioned Prestressed Concrete	36.68	
03 41 33 00-0063	SF	Single Tee With 16" Roof Loading, 30' Span, Pretensioned Prestressed Concrete	56.39	

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	55.14	
03 41 33 00-0065 SF Single Tee With 16" Roof Loading, 45' Span, Pretensioned Prestressed Concrete	51.63	
03 41 33 00-0066 SF Single Tee With 16" Floor Loading, 30' Span, Pretensioned Prestressed Concrete	56.39	
03 41 33 00-0067 SF Single Tee With 16" Floor Loading, 40' Span, Pretensioned Prestressed Concrete	52.88	
03 41 33 00-0068 Double And Single Tees With 24" Roof And Floor Loading (03 41 33 00-0066)		
03 41 33 00-0069 SF Double Tee With 24" Roof Loading, 30' Span, Pretensioned Prestressed Concrete	37.93	
03 41 33 00-0070 SF Double Tee With 24" Roof Loading, 40' Span, Pretensioned Prestressed Concrete	37.06	
03 41 33 00-0071 SF Double Tee With 24" Roof Loading, 45' Span, Pretensioned Prestressed Concrete	36.81	
03 41 33 00-0072 SF Double Tee With 24" Floor Loading, 30' Span, Pretensioned Prestressed Concrete	37.93	
03 41 33 00-0073 SF Double Tee With 24" Floor Loading, 40' Span, Pretensioned Prestressed Concrete	36.68	
03 41 33 00-0074 SF Single Tee With 24" Roof Loading, 30' Span, Pretensioned Prestressed Concrete	57.89	
03 41 33 00-0075 SF Single Tee With 24" Roof Loading, 40' Span, Pretensioned Prestressed Concrete	56.64	
03 41 33 00-0076 SF Single Tee With 24" Roof Loading, 45' Span, Pretensioned Prestressed Concrete	54.64	
03 41 33 00-0077 SF Single Tee With 24" Floor Loading, 30' Span, Pretensioned Prestressed Concrete	57.89	
03 41 33 00-0078 SF Single Tee With 24" Floor Loading, 40' Span, Pretensioned Prestressed Concrete	56.27	
03 41 33 00-0079 Double And Single Tees With 32" Roof And Floor Loading (03 41 33 00-0066)		
03 41 33 00-0080 SF Double Tee With 32" Roof Load, 50' Span, Pretensioned Prestressed Concrete	39.98	
03 41 33 00-0081 SF Double Tee With 32" Roof Load, 60' Span, Pretensioned Prestressed Concrete	38.72	
03 41 33 00-0082 SF Double Tee With 32" Roof Load, 70' Span, Pretensioned Prestressed Concrete	37.47	
03 41 33 00-0083 SF Single Tee With 32" Roof Load, 50' Span, Pretensioned Prestressed Concrete	61.45	
03 41 33 00-0084 SF Single Tee With 32" Roof Load, 60' Span, Pretensioned Prestressed Concrete	59.44	
03 41 33 00-0085 SF Single Tee With 32" Roof Load, 70' Span, Pretensioned Prestressed Concrete	57.06	
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"	40.08	4.37
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	161.86	72.87
03 48 21 00-0003 EA Install Precast Handrails, Over 2 Ton/Handrail	194.12	87.32
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	3,306.31	
For 3,500 PSI Concrete, Add	215.74	
For 4,000 PSI Concrete, Add	405.35	
For 4,500 PSI Concrete, Add	595.80	
For 5,000 PSI Concrete, Add	810.54	
03 48 21 00-0006 CY 5" Thick 3,000 PSI Concrete Precast Concrete Handrail	3,431.86	
For 3,500 PSI Concrete, Add	223.93	
For 4,000 PSI Concrete, Add	420.75	
For 4,500 PSI Concrete, Add	618.42	
For 5,000 PSI Concrete, Add	841.32	
03 48 21 00-0007 CY 6" Thick 3,000 PSI Concrete Precast Concrete Handrail	3,557.42	
For 3,500 PSI Concrete, Add	232.12	
For 4,000 PSI Concrete, Add	436.14	
For 4,500 PSI Concrete, Add	641.05	
For 5,000 PSI Concrete, Add	872.10	
03 48 21 00-0008 CY 8" Thick 3,000 PSI Concrete Precast Concrete Handrail	3,724.83	
For 3,500 PSI Concrete, Add	243.05	
For 4,000 PSI Concrete, Add	456.66	
For 4,500 PSI Concrete, Add	671.21	
For 5,000 PSI Concrete, Add	913.14	
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	80.93	36.43
03 48 22 00-0004 EA Install Precast Sun Screen Blade, 1-2 Ton/Each	97.23	43.72
03 48 22 00-0005 EA Install Precast Sun Screen Blade, 2-3 Ton/Each	121.49	54.71
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	3
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.....	3,515.57	
			For 3,500 PSI Concrete, Add	229.39	
			For 4,000 PSI Concrete, Add	431.01	
			For 4,500 PSI Concrete, Add	633.51	
			For 5,000 PSI Concrete, Add	861.84	
03 48 22 00-0008	CY		5" Thick 3,000 PSI Concrete Precast Sun Screen Blades.....	3,641.12	
			For 3,500 PSI Concrete, Add	237.58	
			For 4,000 PSI Concrete, Add	446.40	
			For 4,500 PSI Concrete, Add	656.13	
			For 5,000 PSI Concrete, Add	892.62	
03 48 22 00-0009	CY		6" Thick 3,000 PSI Concrete Precast Sun Screen Blades.....	3,808.53	
			For 3,500 PSI Concrete, Add	248.51	
			For 4,000 PSI Concrete, Add	466.93	
			For 4,500 PSI Concrete, Add	686.30	
			For 5,000 PSI Concrete, Add	933.66	
03 48 22 00-0010	CY		8" Thick 3,000 PSI Concrete Precast Sun Screen Blades.....	3,975.94	
			For 3,500 PSI Concrete, Add	259.43	
			For 4,000 PSI Concrete, Add	487.45	
			For 4,500 PSI Concrete, Add	716.46	
			For 5,000 PSI Concrete, Add	974.70	
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.....	377.32	169.77
03 48 22 00-0014	EA		Install Precast Trellis, 1-3 Tons/Unit 65' Maximum Radius With 50 Ton Crane.....	422.07	189.99
03 48 22 00-0015	EA		Install Precast Trellis, 3-5 Tons/Unit 50' Maximum Radius With 50 Ton Crane.....	478.84	215.45
03 48 22 00-0016	EA		Install Precast Trellis, 5-7 Tons/Unit 40' Maximum Radius With 50 Ton Crane.....	511.75	230.29
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.....	4,059.64	
			For 3,500 PSI Concrete, Add	264.89	
			For 4,000 PSI Concrete, Add	497.71	
			For 4,500 PSI Concrete, Add	731.55	
			For 5,000 PSI Concrete, Add	995.22	
03 48 22 00-0019	CY		5" Thick 3,000 PSI Concrete Precast Trellises Blades.....	4,185.20	
			For 3,500 PSI Concrete, Add	273.08	
			For 4,000 PSI Concrete, Add	513.11	
			For 4,500 PSI Concrete, Add	754.17	
			For 5,000 PSI Concrete, Add	1,026.00	
03 48 22 00-0020	CY		6" Thick 3,000 PSI Concrete Precast Trellises Blades.....	4,352.61	
			For 3,500 PSI Concrete, Add	284.01	
			For 4,000 PSI Concrete, Add	533.63	
			For 4,500 PSI Concrete, Add	784.34	
			For 5,000 PSI Concrete, Add	1,067.04	
03 48 22 00-0021	CY		8" Thick 3,000 PSI Concrete Precast Trellises Blades.....	4,561.87	
			For 3,500 PSI Concrete, Add	297.66	
			For 4,000 PSI Concrete, Add	559.29	
			For 4,500 PSI Concrete, Add	822.05	
			For 5,000 PSI Concrete, Add	1,118.34	
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.....	367.18	293.75
03 48 24 00-0004	EA		Install Minaret, L-Shape Segment, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane.....	411.46	329.19
03 48 24 00-0005	EA		Install Minaret, L-Shape Segment, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane.....	465.23	372.17
03 48 24 00-0006	EA		Install Minaret, L-Shape Segment, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane.....	496.24	396.99
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.....	388.06	310.51
03 48 24 00-0009	EA		Install Minaret, O-Shape Segment, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane.....	435.54	348.38
03 48 24 00-0010	EA		Install Minaret, O-Shape Segment, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane.....	493.25	394.56
03 48 24 00-0011	EA		Install Minaret, O-Shape Segment, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane.....	528.26	422.58
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.....	744.37	595.55
03 48 24 00-0014	EA		Install Minaret, Platform Segments, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane.....	899.79	719.78
03 48 24 00-0015	EA		Install Minaret, Platform Segments, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane.....	998.54	798.85
03 48 24 00-0016	EA		Install Minaret, Platform Segments, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane.....	1,121.65	897.36
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.....	407.37	325.86

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	454.90	363.85
03 48 24 00-0020 EA Install Minaret, Cap Segments, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	518.23	414.52
03 48 24 00-0021 EA Install Minaret, Cap Segments, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	553.25	442.53
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	371.90	297.53
03 48 24 00-0025 EA Install Minaret, L-Shaped Segments, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	416.76	333.42
03 48 24 00-0026 EA Install Minaret, L-Shaped Segments, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	471.22	376.96
03 48 24 00-0027 EA Install Minaret, L-Shaped Segments, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane	502.62	402.09
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	393.05	314.50
03 48 24 00-0030 EA Install Minaret, O-Shaped Segments, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	441.14	352.86
03 48 24 00-0031 EA Install Minaret, O-Shaped Segments, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	499.60	399.63
03 48 24 00-0032 EA Install Minaret, O-Shaped Segments, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane	535.05	428.01
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	600.96	480.75
03 48 24 00-0035 EA Install Minaret, Platform Segment, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	727.49	581.96
03 48 24 00-0036 EA Install Minaret, Platform Segment, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	805.18	644.17
03 48 24 00-0037 EA Install Minaret, Platform Segment, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane	911.36	729.04
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	412.61	330.05
03 48 24 00-0040 EA Install Minaret, Cap Segment, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	460.75	368.54
03 48 24 00-0041 EA Install Minaret, Cap Segment, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	524.90	419.86
03 48 24 00-0042 EA Install Minaret, Cap Segment, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane	560.37	448.23
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	10,043.92	
Note: Including Post Tension Cost		
03 48 24 00-0045 CY Precast Concrete Minaret, O-Shaped Segments, 3,000 PSI Concrete	10,043.92	
Note: Including Post Tension Cost		
03 48 24 00-0046 CY Precast Concrete Minaret, Platform Segments, 3,000 PSI Concrete	10,043.92	
Note: Including Post Tension Cost		
03 48 24 00-0047 CY Precast Concrete Minaret, Cap Segments, 3,000 PSI Concrete	10,043.92	
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	1.34	
Note: For precast members		
03 48 29 00-0004 LF Bearing Pads, Continuous 2" Wide x 1/4" Thick Strips	1.82	
Note: For precast members		
03 48 29 00-0005 LF Bearing Pads, Continuous 2" Wide x 1/2" Thick Strips	2.85	
Note: For precast members		
03 48 29 00-0006 LF Bearing Pads, Continuous 2" Wide x 3/4" Thick Strips	3.93	
Note: For precast members		
03 48 29 00-0007 LF Bearing Pads, Continuous 2" Wide x 1" Thick Strips	5.05	
Note: For precast members		
03 48 29 00-0008 LF Bearing Pads, Continuous 2" Wide x 1-1/2" Thick Strips	7.17	
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	84.40	
03 48 29 00-0011 LF Precast Rail Cap, <1 SF Cross Section	54.27	
03 48 29 00-0012 LF 4" x 4" Precast Pipe Support	10.06	
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	535.65	241.08
03 48 46 00-0003 EA Install Precast Skylight Shell, 4-6 Tons/Each Based On 90 Ton Crawler Crane	594.78	267.66
03 48 46 00-0004 EA Install Precast Skylight Shell, 6-8 Tons/Each Based On 90 Ton Crawler Crane	668.59	300.87



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

MINOR		TOTAL DIRECT		DEMOLITION	
CSI UOM DESCRIPTION		UNIT COST		UNIT COST	
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	4,202.06		
03 48 49 Precast Landings (03 48)					
03 48 49 00-0001	SF	3" Thick Precast Landing	105.72		
03 48 49 00-0002	SF	4" Thick Precast Landing	123.23		
03 48 49 00-0003	SF	5" Thick Precast Landing	140.06		
03 48 49 00-0004	SF	6" Thick Precast Landing	161.48		
03 48 54 Precast Concrete Blocks (03 48)					
03 48 54 00-0001 Precast Interlocking Concrete Blocks (03 48 54)					
Note: Includes lifting loop					
03 48 54 00-0002	EA	2' x 2' x 2' Precast Interlocking Concrete (Ecology) Block	138.19	46.13	
03 48 54 00-0003	EA	2' x 2' x 3' Precast Interlocking Concrete (Ecology) Block	166.28	51.89	
03 48 54 00-0004	EA	2' x 2' x 4' Precast Interlocking Concrete (Ecology) Block	194.37	57.66	
03 48 54 00-0005	EA	2' x 2' x 6' Precast Interlocking Concrete (Ecology) Block	264.20	63.43	
03 48 54 00-0006	EA	2' x 2' x 8' Precast Interlocking Concrete (Ecology) Block	316.75	69.19	
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	3.36		
03 51 13 00-0003	SF	1-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	3.48		
03 51 13 00-0004	SF	2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	3.65		
03 51 13 00-0005	SF	2-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	4.11		
03 51 13 00-0006	SF	3" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	4.61		
03 51 13 00-0007	SF	3-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	5.20		
03 51 13 00-0008	SF	4" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	5.90		
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	11.62	0.60	
03 51 16 00-0003	SF	2-1/2" Thick Precast Gypsum Fill Concrete Deck, Class A	14.39	0.71	
03 51 16 00-0004	SF	3" Thick Precast Gypsum Fill Concrete Deck, Class A	17.19	0.81	
03 51 16 00-0005	SF	3-1/2" Thick Precast Gypsum Fill Concrete Deck, Class A	20.01	0.91	
03 51 16 00-0006	SF	4" Thick Precast Gypsum Fill Concrete Deck, Class A	22.85	1.00	
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	2.55		
03 51 16 00-0009	SF	Gypsum Deck Form Board, 1" Mineral Fiber Board For Lightweight Deck	3.48		
03 51 16 00-0010	SF	Gypsum Deck Form Board, 1-1/2" Mineral Fiber Board For Lightweight Deck	7.45		
03 51 16 00-0011	SF	Gypsum Deck Form Board, 1" Cementitious Fiber Board For Lightweight Deck	2.85	0.61	
03 51 16 00-0012	SF	Gypsum Deck Form Board, 1-1/2" Cementitious Fiber Board For Lightweight Deck	3.49	0.61	
03 51 16 00-0013	SF	Gypsum Deck Form Board, 1" Glass Fiber Board For Lightweight Deck	3.93	0.61	
03 51 16 00-0014	SF	Gypsum Deck Form Board, 1-1/2" Glass Fiber Board For Lightweight Deck	4.90	0.61	
03 51 16 00-0015 Gypsum Plank (03 51 16)					
03 51 16 00-0016	SF	2" Thick, Insulating Concrete Gypsum Plank, Roof Deck	3.61		
03 51 16 00-0017	SF	3" Thick, Insulating Concrete Gypsum Plank, Roof Deck	4.68		
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	4.46		
03 53 14 00-0003	SF	1" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix	4.77		
03 53 14 00-0004	SF	2" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix	5.91		
03 53 19 Concrete Overlayment (03 53)					

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

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

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.....	2.64
03 53 19 00-0003	SF	1/2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix.....	2.93
03 53 19 00-0004	SF	3/4" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix.....	3.40
03 53 19 00-0005	SF	1" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix.....	4.01
03 53 19 00-0006	SF	2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix.....	5.59
03 53 19 00-0007	SF	2-1/2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix.....	4.65
03 53 19 00-0008	SF	3" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix.....	5.16

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.....	1.51
		Note: Including Surface Preparation	
		For Up To 100 SF, Add	0.15
		For >100 To 250 SF, Add	0.07
03 54 16 00-0003	SF	1/4" Thick Self Leveling Cementitious Underlayment For Floors.....	2.51
		Note: Including Surface Preparation	
		For Up To 100 SF, Add	0.15
		For >100 To 250 SF, Add	0.07
03 54 16 00-0004	SF	3/8" Thick Self Leveling Cementitious Underlayment For Floors.....	3.18
		Note: Including Surface Preparation	
		For Up To 100 SF, Add	0.15
		For >100 To 250 SF, Add	0.07
03 54 16 00-0005	SF	1/2" Thick Self Leveling Cementitious Underlayment For Floors.....	4.52
		Note: Including Surface Preparation	
		For Up To 100 SF, Add	0.15
		For >100 To 250 SF, Add	0.07
03 54 16 00-0006	SF	5/8" Thick Self Leveling Cementitious Underlayment For Floors.....	5.32
		Note: Including Surface Preparation	
		For Up To 100 SF, Add	0.15
		For >100 To 250 SF, Add	0.07
03 54 16 00-0007	SF	3/4" Thick Self Leveling Cementitious Underlayment For Floors.....	6.56
		Note: Including Surface Preparation	
		For Up To 100 SF, Add	0.17
		For >100 To 250 SF, Add	0.08
03 54 16 00-0008	SF	1" Thick Self Leveling Cementitious Underlayment For Floors.....	8.56
		Note: Including Surface Preparation	
		For Up To 100 SF, Add	0.17
		For >100 To 250 SF, Add	0.08
03 54 16 00-0009	SF	1-1/4" Thick Self Leveling Cementitious Underlayment For Floors.....	11.27
		Note: Including Surface Preparation	
		For Up To 100 SF, Add	0.19
		For >100 To 250 SF, Add	0.10
03 54 16 00-0010	SF	1-1/2" Thick Self Leveling Cementitious Underlayment For Floors.....	12.62
		Note: Including Surface Preparation	
		For Up To 100 SF, Add	0.19
		For >100 To 250 SF, Add	0.10
03 54 16 00-0011	SF	1-3/4" Thick Self Leveling Cementitious Underlayment For Floors.....	16.72
		Note: Including Surface Preparation	
		For Up To 100 SF, Add	0.24
		For >100 To 250 SF, Add	0.12

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.....	421.23

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.....	25.23
03 62 13 00-0003	SF	2" Deep, Fluid Type, Non-Metallic Non-Shrink Grout For Bases.....	36.54

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.....	38.28
03 62 13 00-0006	SF	2" Deep, Non-Metallic Non-Shrink Grout For Bases.....	60.33



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

MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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)		
03 62 13 00-0009	LF 4" Deep x 1/2" Thick, Non-Metallic Non-Shrink Grout For Joints	2.15	
03 62 13 00-0010	LF 6" Deep x 1/2" Thick, Non-Metallic Non-Shrink Grout For Joints	2.79	
03 62 13 00-0011	LF 8" Deep x 1/2" Thick, Non-Metallic Non-Shrink Grout For Joints	3.70	
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	3.11	
03 62 13 00-0014	LF 6" Deep x 1" Thick, Non-Metallic Non-Shrink Grout For Joints	4.11	
03 62 13 00-0015	LF 8" Deep x 1" Thick, Non-Metallic Non-Shrink Grout For Joints	5.45	
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	33.18	
03 62 16 00-0003	SF 2" Deep, Metallic Non-Shrink Grout For Bases	50.45	
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	1.83	
03 62 16 00-0007	LF 6" Deep x 1/2" Thick, Metallic Non-Shrink Grout For Joints	2.31	
03 62 16 00-0008	LF 8" Deep x 1/2" Thick, Metallic Non-Shrink Grout For Joints	3.08	
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	2.49	
03 62 16 00-0011	LF 6" Deep x 1" Thick, Metallic Non-Shrink Grout For Joints	3.14	
03 62 16 00-0012	LF 8" Deep x 1" Thick, Metallic Non-Shrink Grout For Joints	4.19	
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 1/4" Thick Coat Spray On Concrete Epoxy Grout	4.23	
	For Color, Add	1.10	
03 63 00 00-0003	SF 3/8" Thick Coat Spray On Concrete Epoxy Grout	5.86	
	For Color, Add	1.65	
03 63 00 00-0004	SF 1/2" Thick Coat Spray On Concrete Epoxy Grout	7.50	
	For Color, Add	2.20	
03 63 00 00-0005	SF 5/8" Thick Coat Spray On Concrete Epoxy Grout	8.97	
	For Color, Add	2.76	
03 63 00 00-0006	SF 3/4" Thick Coat Spray On Concrete Epoxy Grout	10.47	
	For Color, Add	3.31	
03 63 00 00-0007	SF 1" Thick Coat Spray On Concrete Epoxy Grout	13.54	
	For Color, Add	4.42	
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	1,339.53	
	For >4, Deduct	-141.43	
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	236.51	
	For >4, Deduct	-60.68	
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 13-0059 for saw cutting.		
03 81 16	Track Mounted Concrete Wall Sawing (03 81)		
	See CSI section 02 41 19 13-0059 for saw cutting.		

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



MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST

03 82 Concrete Boring (03 80)
03 82 13 Concrete Core Drilling (03 82)
 See CSI section 02 41 19 13-0082 for core drilling.

END OF SECTION 03



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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) 20.72
For Up To 10, Add 9.10
For >10 To 50, Add 4.55

04 01 20 41-0005 EA 8mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie) 29.85
For Up To 10, Add 9.10
For >10 To 50, Add 4.55

04 01 20 41-0006 EA 8mm Diameter, 900mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie) 39.76
For Up To 10, Add 9.10
For >10 To 50, Add 4.55

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) 22.70
For Up To 10, Add 9.10
For >10 To 50, Add 4.55

04 01 20 41-0009 EA 8mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie) 33.36
For Up To 10, Add 9.10
For >10 To 50, Add 4.55

04 01 20 41-0010 EA 8mm Diameter, 900mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie) 45.03
For Up To 10, Add 9.10
For >10 To 50, Add 4.55

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) 55.48
For Up To 10, Add 36.40
For >10 To 50, Add 18.20

04 01 20 41-0014 EA 4.5mm Diameter, 1.2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) 60.67
For Up To 10, Add 36.40
For >10 To 50, Add 18.20

04 01 20 41-0015 EA 4.5mm Diameter, 7m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) 180.97
For Up To 10, Add 36.40
For >10 To 50, Add 18.20

04 01 20 41-0016 EA 6mm Diameter, 1m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) 55.48
For Up To 10, Add 36.40
For >10 To 50, Add 18.20

04 01 20 41-0017 EA 6mm Diameter, 1.2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) 60.67
For Up To 10, Add 36.40
For >10 To 50, Add 18.20

04 01 20 41-0018 EA 6mm Diameter, 1.5m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) 66.57
For Up To 10, Add 36.40
For >10 To 50, Add 18.20

04 01 20 41-0019 EA 6mm Diameter, 2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) 77.65
For Up To 10, Add 36.40
For >10 To 50, Add 18.20

04 01 20 41-0020 EA 6mm Diameter, 7m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar) 180.97
For Up To 10, Add 36.40
For >10 To 50, Add 18.20

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)	58.31	
		For Up To 10, Add	36.40	
		For >10 To 50, Add	18.20	
04 01 20 41-0023	EA	4.5mm Diameter, 1.2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	64.43	
		For Up To 10, Add	36.40	
		For >10 To 50, Add	18.20	
04 01 20 41-0024	EA	4.5mm Diameter, 7m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	204.49	
		For Up To 10, Add	36.40	
		For >10 To 50, Add	18.20	
04 01 20 41-0025	EA	6mm Diameter, 1m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	58.31	
		For Up To 10, Add	36.40	
		For >10 To 50, Add	18.20	
04 01 20 41-0026	EA	6mm Diameter, 1.2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	64.43	
		For Up To 10, Add	36.40	
		For >10 To 50, Add	18.20	
04 01 20 41-0027	EA	6mm Diameter, 1.5m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	71.27	
		For Up To 10, Add	36.40	
		For >10 To 50, Add	18.20	
04 01 20 41-0028	EA	6mm Diameter, 2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	84.24	
		For Up To 10, Add	36.40	
		For >10 To 50, Add	18.20	
04 01 20 41-0029	EA	6mm Diameter, 7m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	204.49	
		For Up To 10, Add	36.40	
		For >10 To 50, Add	18.20	
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)	10.47	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
04 01 20 41-0033	EA	5-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	11.40	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
04 01 20 41-0034	EA	6-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	12.33	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
04 01 20 41-0035	EA	7-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	13.26	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
04 01 20 41-0036	EA	8-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	14.19	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
04 01 20 41-0037	EA	9-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	15.11	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
04 01 20 41-0038	EA	4-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	10.47	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
04 01 20 41-0039	EA	5-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	11.40	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
04 01 20 41-0040	EA	6-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	12.33	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
04 01 20 41-0041	EA	7-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	13.26	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
04 01 20 41-0042	EA	8-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	14.19	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
04 01 20 41-0043	EA	10-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	16.04	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
04 01 20 41-0044	EA	4-1/2" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	10.47	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
04 01 20 41-0045	EA	6-1/2" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	12.33	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
04 01 20 41-0046	EA	8" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	13.72	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	



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).....	10.47	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
04 01 20 41-0049	EA	5-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	11.40	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
04 01 20 41-0050	EA	6-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	12.33	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
04 01 20 41-0051	EA	7-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	13.26	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
04 01 20 41-0052	EA	8-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	14.19	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
04 01 20 41-0053	EA	9-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	15.11	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
04 01 20 41-0054	EA	4-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	10.47	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
04 01 20 41-0055	EA	5-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	11.40	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
04 01 20 41-0056	EA	6-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	12.33	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
04 01 20 41-0057	EA	7-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	13.26	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
04 01 20 41-0058	EA	8-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	14.19	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
04 01 20 41-0059	EA	10-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	16.04	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
04 01 20 41-0060	EA	4-1/2" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix).....	10.47	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
04 01 20 41-0061	EA	6-1/2" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix).....	12.33	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
04 01 20 41-0062	EA	8" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix).....	13.72	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
04 01 20 41-0063		Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) (04 01 20 41-0001) 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®).....	8.28	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0066	EA	8mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	8.62	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0067	EA	8mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	8.68	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0068	EA	8mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	8.82	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	

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®).....	9.06	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0070	EA	8mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.27	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0071	EA	8mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.37	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0072	EA	8mm Diameter, 295mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.50	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0073	EA	8mm Diameter, 325mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.09	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0074	EA	8mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.18	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0075	EA	8mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.89	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0076	EA	8mm Diameter, 450mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	11.50	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0077	EA	8mm Diameter, 500mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	12.02	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0078	EA	8mm Diameter, 550mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	13.84	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0079	EA	8mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	15.46	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0080	EA	8mm Diameter, 700mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	17.62	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0081	EA	10mm Diameter, 125mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	8.40	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0082	EA	10mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	8.76	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0083	EA	10mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.08	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0084	EA	10mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.37	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0085	EA	10mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.56	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	



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®).....	9.69	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0087	EA		10mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.90	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0088	EA		10mm Diameter, 300mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.99	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0089	EA		10mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.41	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0090	EA		10mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	11.01	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0091	EA		10mm Diameter, 450mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	11.51	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0092	EA		10mm Diameter, 500mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	12.15	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0093	EA		10mm Diameter, 550mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	15.57	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0094	EA		10mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	17.48	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0095	EA		10mm Diameter, 700mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	20.45	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
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).....	9.18	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
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).....	9.39	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
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).....	9.53	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
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).....	9.63	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
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).....	9.93	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
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).....	10.40	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
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).....	10.58	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	

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 41-0103	EA	8mm Tapered To 6.5mm Diameter, 295mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.05	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
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)	9.73	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
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)	10.14	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
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)	10.43	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
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)	10.61	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
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)	10.74	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
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)	11.05	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0110	EA	304 Stainless Steel, Seismic Connector (Helifix® DryFix®)	4.41	
		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	2.73	
		For >10 To 50, Add	1.37	
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®)	8.81	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0113	EA	8mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.23	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0114	EA	8mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.31	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0115	EA	8mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.48	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0116	EA	8mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.79	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0117	EA	8mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.04	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0118	EA	8mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.17	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0119	EA	8mm Diameter, 295mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.34	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	



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®).....	10.95	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0121	EA		8mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	11.06	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0122	EA		8mm Diameter, 400mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	11.95	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0123	EA		8mm Diameter, 450mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	12.70	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0124	EA		8mm Diameter, 500mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	13.36	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0125	EA		8mm Diameter, 550mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	15.63	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0126	EA		8mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	17.48	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0127	EA		8mm Diameter, 700mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	20.17	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0128	EA		10mm Diameter, 125mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.03	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0129	EA		10mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.44	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0130	EA		10mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.84	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0131	EA		10mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.21	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0132	EA		10mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.44	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0133	EA		10mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.60	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0134	EA		10mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.87	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0135	EA		10mm Diameter, 300mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.98	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0136	EA		10mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	11.47	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	

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®).....	12.15	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0138	EA	10mm Diameter, 450mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	12.77	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0139	EA	10mm Diameter, 500mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	13.56	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0140	EA	10mm Diameter, 550mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	17.83	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0141	EA	10mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	19.88	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
04 01 20 41-0142	EA	10mm Diameter, 700mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	23.60	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
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).....	10.02	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
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).....	10.26	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
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).....	10.42	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
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).....	10.55	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
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).....	10.92	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
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).....	11.52	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
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).....	11.71	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
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).....	12.30	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
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).....	10.62	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
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).....	11.13	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	
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).....	11.50	
		For Up To 10, Add	5.46	
		For >10 To 50, Add	2.73	
		For Metal Stud Clip, Add	2.31	



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).....	11.73	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
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).....	11.89	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
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).....	12.27	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
			For Metal Stud Clip, Add	2.31	
04 01 20 41-0157	EA		316 Stainless Steel, Seismic Connector (Helifix® DryFix®).....	4.82	
			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	2.73	
			For >10 To 50, Add	1.37	
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).....	6.99	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
04 01 20 41-0161	EA		8mm Diameter, 102mm Length, 304 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin).....	7.03	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
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).....	7.27	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
04 01 20 41-0164	EA		8mm Diameter, 102mm Length, 316 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin).....	7.34	
			For Up To 10, Add	5.46	
			For >10 To 50, Add	2.73	
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).....	45.13	
			For Up To 10, Add	36.40	
			For >10 To 50, Add	18.20	
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).....	46.43	
			For Up To 10, Add	36.40	
			For >10 To 50, Add	18.20	
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.....	82.22	
			Note: Includes saw cutting, toothing, removing loose masonry, installing anchor and reinstalling brick and mortar.		
04 01 20 41-0173	SF		Repair Bulging Or Loose Masonry Using New Masonry.....	88.00	
			Note: Includes saw cutting, toothing, removing loose masonry, installing anchor and installing new brick and mortar.		
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.....	3.87	
04 01 20 91			Unit Masonry Restoration (04 01 20)		
			See CSI section 03 01 30 71-0108 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.....	9.07	
	For Common Bond, Add.....	0.34	
	For Flemish Bond, Add.....	1.19	
	For English Bond, Add.....	1.96	
	For Oversized Or Larger Than Standard, Deduct.....	-1.36	
	For Historical Restoration, Add.....	1.71	
	For >250 To 1,000, Deduct.....	-0.43	
	For >1,000, Deduct.....	-0.88	
04 01 20 91-0003	SF Cut And Repoint, Soft, Loose Or Crumbling Mortar, Running Bond, Brick.....	6.33	
	For Common Bond, Add.....	0.23	
	For Flemish Bond, Add.....	0.81	
	For English Bond, Add.....	1.33	
	For Oversized Or Larger Than Standard, Deduct.....	-0.95	
	For Historical Restoration, Add.....	1.16	
	For >250 To 1,000, Deduct.....	-0.29	
	For >1,000, Deduct.....	-0.61	
04 01 20 91-0004	SF Cut And Repoint, Hard Mortar, Running Bond, Concrete Block.....	4.90	
	For Common Bond, Add.....	0.17	
	For Oversized Or Larger Than Standard, Deduct.....	-0.74	
	For Historical Restoration, Add.....	0.87	
	For >250 To 1,000, Deduct.....	-0.22	
	For >1,000, Deduct.....	-0.46	
04 01 20 91-0005	SF Cut And Repoint, Soft, Loose Or Crumbling Mortar, Running Bond, Concrete Block.....	3.51	
	For Common Bond, Add.....	0.12	
	For Oversized Or Larger Than Standard, Deduct.....	-0.53	
	For Historical Restoration, Add.....	0.59	
	For >250 To 1,000, Deduct.....	-0.15	
	For >1,000, Deduct.....	-0.32	
04 01 20 91-0006	LF Cut And Repoint Brick/Block, Irregular Shapes And Other Than Complete SF Area.....	2.81	
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.....	20.02	
	Note: Including Replacement Of Damaged Material		
04 01 20 91-0009	SF Patch And Repair Terra Cotta Floors.....	18.66	
	Note: Including Replacement Of Damaged Material		
04 01 20 91-0010	LF Chip And Repair With Masonry Patch, Cracks Up To 1/4".....	4.18	
04 01 20 91-0011	SF Patching Over Masonry Surface With Elastomeric Paint Using A Trowel 6" Blade.....	6.79	
04 01 20 91-0012	EA Cutout Individual Damaged Brick And Replace With New Brick.....	14.54	
04 01 20 91-0013	LF Pressure Grout Block/Brick Using LA City RGA Rule Of General Application 1-91 (Portland Cement Base).....	336.87	
04 01 20 91-0014	LF Pressure Grout Block/Brick Master Builders RHEOCHEM 900 (Portland Cement Base).....	96.11	
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).....	36.55	
	For Cracks Accessible From Both Sides, Add.....	7.42	
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).....	32.39	
	For Cracks Accessible From Both Sides, Add.....	7.42	
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).....	8.89	
	For V-Grooving Crack With Grinder, Add.....	6.40	
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).....	11.95	
	For V-Grooving Crack With Grinder, Add.....	6.08	

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.....	7.78	
04 01 50 52-0003	LF >2 To 4 SF Cross Section Chimney Cleaning.....	15.55	
04 01 50 52-0004	LF >4 SF Cross Section Chimney Cleaning.....	23.34	

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.....	6.54	
04 05 13 26-0003	CF Type N Masonry Cement 1:3 Mix.....	6.03	
04 05 13 26-0004	CF Type O Masonry Cement 1:3 Mix.....	6.19	
04 05 13 26-0005	CF Type PM Masonry Cement 1:1:6 Mix, 2,500 PSI.....	6.78	
04 05 13 26-0006	CF Type S Masonry Cement 1/2:1:4 Mix.....	7.15	



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	0.35	
04 05 13 26-0009 CF Pozzolanic Plasticizers - Cost Based On CF Of Mortar	0.06	
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	2.20	
04 05 13 26-0012 CF Brown Colored Admixture	2.50	
04 05 13 26-0013 CF Black Colored Admixture	3.09	
04 05 13 26-0014 CF Red Colored Admixture	6.77	
04 05 13 26-0015 Portland Cement (04 05 13 26)		
04 05 13 26-0016 CF Normal Portland Cement (Type I)	11.73	
04 05 13 26-0017 CF Modified Portland Cement (Type II)	5.85	
04 05 13 26-0018 CF High Early Strength Portland Cement (Type III)	6.21	
04 05 13 26-0019 CF White Non-Staining Portland Cement (Type I)	13.00	
04 05 16 Masonry Grouting (04 05)		
04 05 16 26 Engineered Masonry Grouting (04 05 16)		
Note: Excludes 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	4.07	
04 05 16 26-0003 LF Grout Bond Beams And Lintels - 8" Block, Grout Fill Only, 0.20 CF/LF, 8" Deep	4.43	
04 05 16 26-0004 LF Grout Bond Beams And Lintels - 10" Block, Grout Fill Only, 0.25 CF/LF, 8" Deep	4.93	
04 05 16 26-0005 LF Grout Bond Beams And Lintels, 12" Block, Grout Fill Only, 0.30 CF/LF, 8" Deep	5.49	
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)	3.21	
04 05 16 26-0008 SF Grout Concrete Block Cores- 6" Block, Grout Fill Block Solid (0.175 CF/SF)	4.62	
04 05 16 26-0009 SF Grout Concrete Block Cores- 8" Block, Grout Fill Block Solid (0.258 CF/SF)	6.59	
04 05 16 26-0010 SF Grout Concrete Block Cores- 10" Block, Grout Fill Block Solid (0.34 CF/SF)	8.07	
04 05 16 26-0011 SF Grout Concrete Block Cores- 12" Block, Grout Fill Block Solid (0.422 CF/SF)	9.53	
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)	3.72	
04 05 16 26-0014 SF Grout Cavity Walls - 3" Space, Grout Fill (0.250 CF/SF)	5.24	
04 05 16 26-0015 SF Grout Cavity Walls - 4" Space, Grout Fill (0.333 CF/SF)	6.58	
04 05 16 26-0016 SF Grout Cavity Walls - 6" Space, Grout Fill (0.500 CF/SF)	8.89	
04 05 16 26-0017 Grout Frames, Grout Fill (04 05 16 26)		
04 05 16 26-0018 LF Grout Door Frames - Grout Fill	5.84	
04 05 16 26-0019 LF Grout Window Frames - Grout Fill	5.00	
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)	3.17	
04 05 16 26-0023 SF Sand Fill Cavity Walls - 3" Space, Sand Fill (0.250 CF/SF)	4.38	
04 05 16 26-0024 SF Sand Fill Cavity Walls - 4" Space, Sand Fill (0.333 CF/SF)	5.39	
04 05 16 26-0025 SF Sand Fill Cavity Walls - 6" Space, Sand Fill (0.500 CF/SF)	7.17	
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	55.90	
		For Hot-Dipped Galvanized, Add	10.12	
		For Stainless Steel, Add	40.46	
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	59.36	
		For Hot-Dipped Galvanized, Add	10.63	
		For Stainless Steel, Add	42.50	
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	63.98	
		For Hot-Dipped Galvanized, Add	11.20	
		For Stainless Steel, Add	44.80	
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	69.43	
		For Hot-Dipped Galvanized, Add	11.85	
		For Stainless Steel, Add	47.40	
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	75.79	
		For Hot-Dipped Galvanized, Add	12.49	
		For Stainless Steel, Add	49.94	
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	80.47	
		For Hot-Dipped Galvanized, Add	12.80	
		For Stainless Steel, Add	51.18	
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	83.92	
		For Hot-Dipped Galvanized, Add	13.15	
		For Stainless Steel, Add	52.60	
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	97.43	
		For Hot-Dipped Galvanized, Add	18.08	
		For Stainless Steel, Add	72.30	
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	120.82	
		For Hot-Dipped Galvanized, Add	27.94	
		For Stainless Steel, Add	111.76	
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	67.11	
		For Hot-Dipped Galvanized, Add	15.72	
		For Stainless Steel, Add	62.88	
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	70.70	
		For Hot-Dipped Galvanized, Add	16.30	
		For Stainless Steel, Add	65.18	
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	75.44	
		For Hot-Dipped Galvanized, Add	16.93	
		For Stainless Steel, Add	67.72	
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	80.77	
		For Hot-Dipped Galvanized, Add	17.52	
		For Stainless Steel, Add	70.08	
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	87.10	
		For Hot-Dipped Galvanized, Add	18.14	
		For Stainless Steel, Add	72.56	
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	91.83	
		For Hot-Dipped Galvanized, Add	18.48	
		For Stainless Steel, Add	73.92	
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	95.21	
		For Hot-Dipped Galvanized, Add	18.79	
		For Stainless Steel, Add	75.16	
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	112.33	
		For Hot-Dipped Galvanized, Add	25.53	
		For Stainless Steel, Add	102.12	
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	146.40	
		For Hot-Dipped Galvanized, Add	40.74	
		For Stainless Steel, Add	162.94	
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	77.99	
		For Hot-Dipped Galvanized, Add	21.16	
		For Stainless Steel, Add	84.64	



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	83.06	
		For Hot-Dipped Galvanized, Add	22.32	
		For Stainless Steel, Add	89.28	
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	88.12	
		For Hot-Dipped Galvanized, Add	23.48	
		For Stainless Steel, Add	93.92	
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	95.48	
		For Hot-Dipped Galvanized, Add	24.88	
		For Stainless Steel, Add	99.50	
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	102.82	
		For Hot-Dipped Galvanized, Add	26.26	
		For Stainless Steel, Add	105.02	
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	108.87	
		For Hot-Dipped Galvanized, Add	27.00	
		For Stainless Steel, Add	107.98	
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	112.43	
		For Hot-Dipped Galvanized, Add	27.63	
		For Stainless Steel, Add	110.52	
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	119.09	
		For Hot-Dipped Galvanized, Add	28.91	
		For Stainless Steel, Add	115.62	
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	160.97	
		For Hot-Dipped Galvanized, Add	48.02	
		For Stainless Steel, Add	192.06	
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	81.72	
		For Hot-Dipped Galvanized, Add	23.03	
		For Stainless Steel, Add	92.10	
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	85.17	
		For Hot-Dipped Galvanized, Add	23.53	
		For Stainless Steel, Add	94.12	
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	89.78	
		For Hot-Dipped Galvanized, Add	24.11	
		For Stainless Steel, Add	96.42	
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	95.24	
		For Hot-Dipped Galvanized, Add	24.76	
		For Stainless Steel, Add	99.02	
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	101.59	
		For Hot-Dipped Galvanized, Add	25.39	
		For Stainless Steel, Add	101.54	
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	106.27	
		For Hot-Dipped Galvanized, Add	25.70	
		For Stainless Steel, Add	102.78	
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	109.71	
		For Hot-Dipped Galvanized, Add	26.05	
		For Stainless Steel, Add	104.20	
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	123.24	
		For Hot-Dipped Galvanized, Add	30.98	
		For Stainless Steel, Add	123.92	
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	92.94	
		For Hot-Dipped Galvanized, Add	28.64	
		For Stainless Steel, Add	114.54	
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	96.53	
		For Hot-Dipped Galvanized, Add	29.21	
		For Stainless Steel, Add	116.84	
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	101.25	
		For Hot-Dipped Galvanized, Add	29.84	
		For Stainless Steel, Add	119.36	

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	106.59	
		For Hot-Dipped Galvanized, Add	30.43	
		For Stainless Steel, Add	121.72	
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	112.92	
		For Hot-Dipped Galvanized, Add	31.05	
		For Stainless Steel, Add	124.20	
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	117.65	
		For Hot-Dipped Galvanized, Add	31.39	
		For Stainless Steel, Add	125.56	
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	121.02	
		For Hot-Dipped Galvanized, Add	31.70	
		For Stainless Steel, Add	126.80	
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	138.15	
		For Hot-Dipped Galvanized, Add	38.44	
		For Stainless Steel, Add	153.76	
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	172.23	
		For Hot-Dipped Galvanized, Add	53.65	
		For Stainless Steel, Add	214.60	
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	103.79	
		For Hot-Dipped Galvanized, Add	34.06	
		For Stainless Steel, Add	136.24	
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	108.87	
		For Hot-Dipped Galvanized, Add	35.23	
		For Stainless Steel, Add	140.90	
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	113.94	
		For Hot-Dipped Galvanized, Add	36.39	
		For Stainless Steel, Add	145.56	
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	121.29	
		For Hot-Dipped Galvanized, Add	37.78	
		For Stainless Steel, Add	151.12	
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	128.64	
		For Hot-Dipped Galvanized, Add	39.17	
		For Stainless Steel, Add	156.66	
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	134.69	
		For Hot-Dipped Galvanized, Add	39.91	
		For Stainless Steel, Add	159.62	
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	138.24	
		For Hot-Dipped Galvanized, Add	40.54	
		For Stainless Steel, Add	162.14	
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	144.89	
		For Hot-Dipped Galvanized, Add	41.81	
		For Stainless Steel, Add	167.22	
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	186.79	
		For Hot-Dipped Galvanized, Add	60.93	
		For Stainless Steel, Add	243.70	
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	107.54	
		For Hot-Dipped Galvanized, Add	35.94	
		For Stainless Steel, Add	143.74	
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	110.98	
		For Hot-Dipped Galvanized, Add	36.44	
		For Stainless Steel, Add	145.74	
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	115.59	
		For Hot-Dipped Galvanized, Add	37.01	
		For Stainless Steel, Add	148.04	
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	121.05	
		For Hot-Dipped Galvanized, Add	37.66	
		For Stainless Steel, Add	150.64	



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.....	127.41	
		For Hot-Dipped Galvanized, Add.....	38.30	
		For Stainless Steel, Add.....	153.78	
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.....	132.09	
		For Hot-Dipped Galvanized, Add.....	38.61	
		For Stainless Steel, Add.....	154.42	
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.....	135.53	
		For Hot-Dipped Galvanized, Add.....	38.96	
		For Stainless Steel, Add.....	155.84	
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.....	149.05	
		For Hot-Dipped Galvanized, Add.....	43.89	
		For Stainless Steel, Add.....	175.54	
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.....	172.44	
		For Hot-Dipped Galvanized, Add.....	53.76	
		For Stainless Steel, Add.....	215.02	
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.....	118.75	
		For Hot-Dipped Galvanized, Add.....	41.54	
		For Stainless Steel, Add.....	166.16	
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.....	122.34	
		For Hot-Dipped Galvanized, Add.....	42.12	
		For Stainless Steel, Add.....	168.46	
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.....	127.07	
		For Hot-Dipped Galvanized, Add.....	42.75	
		For Stainless Steel, Add.....	171.00	
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.....	132.41	
		For Hot-Dipped Galvanized, Add.....	43.34	
		For Stainless Steel, Add.....	173.36	
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.....	138.74	
		For Hot-Dipped Galvanized, Add.....	43.96	
		For Stainless Steel, Add.....	175.84	
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.....	143.47	
		For Hot-Dipped Galvanized, Add.....	44.30	
		For Stainless Steel, Add.....	177.20	
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.....	146.84	
		For Hot-Dipped Galvanized, Add.....	44.61	
		For Stainless Steel, Add.....	178.44	
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.....	163.97	
		For Hot-Dipped Galvanized, Add.....	51.35	
		For Stainless Steel, Add.....	205.40	
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.....	198.05	
		For Hot-Dipped Galvanized, Add.....	66.56	
		For Stainless Steel, Add.....	266.24	
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.....	129.61	
		For Hot-Dipped Galvanized, Add.....	46.97	
		For Stainless Steel, Add.....	187.88	
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.....	134.69	
		For Hot-Dipped Galvanized, Add.....	48.14	
		For Stainless Steel, Add.....	192.54	
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.....	139.76	
		For Hot-Dipped Galvanized, Add.....	49.30	
		For Stainless Steel, Add.....	197.20	
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.....	147.10	
		For Hot-Dipped Galvanized, Add.....	50.69	
		For Stainless Steel, Add.....	202.74	
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.....	154.46	
		For Hot-Dipped Galvanized, Add.....	52.08	
		For Stainless Steel, Add.....	208.30	

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	160.50	
		For Hot-Dipped Galvanized, Add	52.81	
		For Stainless Steel, Add	211.24	
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	164.06	
		For Hot-Dipped Galvanized, Add	53.45	
		For Stainless Steel, Add	213.78	
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	170.71	
		For Hot-Dipped Galvanized, Add	54.72	
		For Stainless Steel, Add	218.86	
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	212.60	
		For Hot-Dipped Galvanized, Add	73.83	
		For Stainless Steel, Add	295.32	
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	80.70	
		For Hot-Dipped Galvanized, Add	17.20	
		For Stainless Steel, Add	68.78	
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	89.00	
		For Hot-Dipped Galvanized, Add	18.78	
		For Stainless Steel, Add	75.10	
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	96.93	
		For Hot-Dipped Galvanized, Add	20.17	
		For Stainless Steel, Add	80.66	
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	103.68	
		For Hot-Dipped Galvanized, Add	20.97	
		For Stainless Steel, Add	83.88	
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	107.75	
		For Hot-Dipped Galvanized, Add	21.72	
		For Stainless Steel, Add	86.86	
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	115.70	
		For Hot-Dipped Galvanized, Add	23.38	
		For Stainless Steel, Add	93.50	
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	122.53	
		For Hot-Dipped Galvanized, Add	24.74	
		For Stainless Steel, Add	98.94	
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	94.67	
		For Hot-Dipped Galvanized, Add	24.18	
		For Stainless Steel, Add	96.72	
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	103.00	
		For Hot-Dipped Galvanized, Add	25.78	
		For Stainless Steel, Add	103.10	
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	110.78	
		For Hot-Dipped Galvanized, Add	27.09	
		For Stainless Steel, Add	108.36	
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	117.69	
		For Hot-Dipped Galvanized, Add	27.98	
		For Stainless Steel, Add	111.90	
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	121.72	
		For Hot-Dipped Galvanized, Add	28.70	
		For Stainless Steel, Add	114.80	
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	129.67	
		For Hot-Dipped Galvanized, Add	30.36	
		For Stainless Steel, Add	121.44	
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	136.69	
		For Hot-Dipped Galvanized, Add	31.82	
		For Stainless Steel, Add	127.26	



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	101.45	
		For Hot-Dipped Galvanized, Add	27.57	
		For Stainless Steel, Add	110.28	
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	111.39	
		For Hot-Dipped Galvanized, Add	29.97	
		For Stainless Steel, Add	119.88	
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	121.25	
		For Hot-Dipped Galvanized, Add	32.33	
		For Stainless Steel, Add	129.30	
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	128.90	
		For Hot-Dipped Galvanized, Add	33.58	
		For Stainless Steel, Add	134.32	
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	133.77	
		For Hot-Dipped Galvanized, Add	34.73	
		For Stainless Steel, Add	138.90	
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	143.30	
		For Hot-Dipped Galvanized, Add	37.18	
		For Stainless Steel, Add	148.70	
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	152.21	
		For Hot-Dipped Galvanized, Add	39.58	
		For Stainless Steel, Add	158.30	
04 05 19 13-0118		Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement (04 05 19 13-0062)		
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	118.30	
		For Hot-Dipped Galvanized, Add	36.00	
		For Stainless Steel, Add	143.98	
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	125.64	
		For Hot-Dipped Galvanized, Add	37.10	
		For Stainless Steel, Add	148.38	
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	133.02	
		For Hot-Dipped Galvanized, Add	38.21	
		For Stainless Steel, Add	152.84	
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	143.22	
		For Hot-Dipped Galvanized, Add	39.45	
		For Stainless Steel, Add	157.80	
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	150.33	
		For Hot-Dipped Galvanized, Add	40.69	
		For Stainless Steel, Add	162.76	
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	158.22	
		For Hot-Dipped Galvanized, Add	42.58	
		For Stainless Steel, Add	170.32	
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	140.20	
		For Hot-Dipped Galvanized, Add	46.95	
		For Stainless Steel, Add	187.78	
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	147.58	
		For Hot-Dipped Galvanized, Add	48.07	
		For Stainless Steel, Add	192.26	
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	155.23	
		For Hot-Dipped Galvanized, Add	49.32	
		For Stainless Steel, Add	197.26	
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	165.15	
		For Hot-Dipped Galvanized, Add	50.42	
		For Stainless Steel, Add	201.66	

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.....	172.29	
		For Hot-Dipped Galvanized, Add	51.67	
		For Stainless Steel, Add	206.68	
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.....	178.91	
		For Hot-Dipped Galvanized, Add	52.93	
		For Stainless Steel, Add	211.70	
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	141.82	
		For Hot-Dipped Galvanized, Add	47.76	
		For Stainless Steel, Add	191.02	
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	150.39	
		For Hot-Dipped Galvanized, Add	49.47	
		For Stainless Steel, Add	197.88	
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	158.95	
		For Hot-Dipped Galvanized, Add	51.18	
		For Stainless Steel, Add	204.70	
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	170.79	
		For Hot-Dipped Galvanized, Add	53.24	
		For Stainless Steel, Add	212.94	
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	179.51	
		For Hot-Dipped Galvanized, Add	55.28	
		For Stainless Steel, Add	221.12	
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	187.68	
		For Hot-Dipped Galvanized, Add	57.31	
		For Stainless Steel, Add	229.24	
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	127.53	
		For Hot-Dipped Galvanized, Add	38.04	
		For Stainless Steel, Add	152.16	
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	134.85	
		For Hot-Dipped Galvanized, Add	39.13	
		For Stainless Steel, Add	156.50	
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	144.74	
		For Hot-Dipped Galvanized, Add	40.21	
		For Stainless Steel, Add	160.84	
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	151.94	
		For Hot-Dipped Galvanized, Add	41.50	
		For Stainless Steel, Add	165.98	
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	158.53	
		For Hot-Dipped Galvanized, Add	42.74	
		For Stainless Steel, Add	170.94	
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	166.38	
		For Hot-Dipped Galvanized, Add	45.23	
		For Stainless Steel, Add	180.92	
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	149.46	
		For Hot-Dipped Galvanized, Add	49.01	
		For Stainless Steel, Add	196.02	
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	156.81	
		For Hot-Dipped Galvanized, Add	50.11	
		For Stainless Steel, Add	200.42	
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	167.01	
		For Hot-Dipped Galvanized, Add	51.35	
		For Stainless Steel, Add	205.38	



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..... <i>For Hot-Dipped Galvanized, Add</i> <i>For Stainless Steel, Add</i>	173.84 52.45 209.78	
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..... <i>For Hot-Dipped Galvanized, Add</i> <i>For Stainless Steel, Add</i>	180.46 53.70 214.80	
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..... <i>For Hot-Dipped Galvanized, Add</i> <i>For Stainless Steel, Add</i>	188.59 56.34 225.34	
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..... <i>For Hot-Dipped Galvanized, Add</i> <i>For Stainless Steel, Add</i>	151.01 49.78 199.12	
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..... <i>For Hot-Dipped Galvanized, Add</i> <i>For Stainless Steel, Add</i>	159.60 51.50 206.00	
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..... <i>For Hot-Dipped Galvanized, Add</i> <i>For Stainless Steel, Add</i>	170.79 53.24 212.94	
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..... <i>For Hot-Dipped Galvanized, Add</i> <i>For Stainless Steel, Add</i>	179.51 55.28 221.12	
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..... <i>For Hot-Dipped Galvanized, Add</i> <i>For Stainless Steel, Add</i>	187.68 57.31 229.24	
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..... <i>For Hot-Dipped Galvanized, Add</i> <i>For Stainless Steel, Add</i>	196.36 60.22 240.88	
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..... <i>For Hot-Dipped Galvanized, Add</i> <i>For Stainless Steel, Add</i> <i>For Seismic Hook And Eye, Add</i>	120.31 34.43 137.72 14.80	
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..... <i>For Hot-Dipped Galvanized, Add</i> <i>For Stainless Steel, Add</i> <i>For Seismic Hook And Eye, Add</i>	127.26 35.33 141.32 15.19	
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..... <i>For Hot-Dipped Galvanized, Add</i> <i>For Stainless Steel, Add</i> <i>For Seismic Hook And Eye, Add</i>	136.90 36.29 145.16 15.60	
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..... <i>For Hot-Dipped Galvanized, Add</i> <i>For Stainless Steel, Add</i> <i>For Seismic Hook And Eye, Add</i>	143.58 37.32 149.26 16.05	
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..... <i>For Hot-Dipped Galvanized, Add</i> <i>For Stainless Steel, Add</i> <i>For Seismic Hook And Eye, Add</i>	149.82 38.38 153.52 16.50	
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..... <i>For Hot-Dipped Galvanized, Add</i> <i>For Stainless Steel, Add</i> <i>For Seismic Hook And Eye, Add</i>	154.60 39.34 157.36 16.92	
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.....	140.88	
		For Hot-Dipped Galvanized, Add	44.72	
		For Stainless Steel, Add	178.86	
		For Seismic Hook And Eye, Add	19.23	
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.....	147.43	
		For Hot-Dipped Galvanized, Add	45.42	
		For Stainless Steel, Add	181.66	
		For Seismic Hook And Eye, Add	19.53	
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.....	157.13	
		For Hot-Dipped Galvanized, Add	46.41	
		For Stainless Steel, Add	185.62	
		For Seismic Hook And Eye, Add	19.95	
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.....	163.68	
		For Hot-Dipped Galvanized, Add	47.37	
		For Stainless Steel, Add	189.46	
		For Seismic Hook And Eye, Add	20.37	
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.....	169.71	
		For Hot-Dipped Galvanized, Add	48.33	
		For Stainless Steel, Add	193.30	
		For Seismic Hook And Eye, Add	20.78	
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.....	176.72	
		For Hot-Dipped Galvanized, Add	50.40	
		For Stainless Steel, Add	201.60	
		For Seismic Hook And Eye, Add	21.67	
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.....	142.40	
		For Hot-Dipped Galvanized, Add	45.48	
		For Stainless Steel, Add	181.90	
		For Seismic Hook And Eye, Add	19.55	
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.....	150.84	
		For Hot-Dipped Galvanized, Add	47.12	
		For Stainless Steel, Add	188.48	
		For Seismic Hook And Eye, Add	20.26	
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.....	161.81	
		For Hot-Dipped Galvanized, Add	48.75	
		For Stainless Steel, Add	194.98	
		For Seismic Hook And Eye, Add	20.96	
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.....	170.34	
		For Hot-Dipped Galvanized, Add	50.70	
		For Stainless Steel, Add	202.78	
		For Seismic Hook And Eye, Add	21.80	
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.....	178.35	
		For Hot-Dipped Galvanized, Add	52.65	
		For Stainless Steel, Add	210.58	
		For Seismic Hook And Eye, Add	22.64	
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.....	185.09	
		For Hot-Dipped Galvanized, Add	54.59	
		For Stainless Steel, Add	218.34	
		For Seismic Hook And Eye, Add	23.47	
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.....	129.55	
		For Hot-Dipped Galvanized, Add	36.48	
		For Stainless Steel, Add	145.90	
		For Seismic Hook And Eye, Add	15.68	
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.....	139.04	
		For Hot-Dipped Galvanized, Add	37.36	
		For Stainless Steel, Add	149.44	
		For Seismic Hook And Eye, Add	16.06	



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	145.44	
		For Hot-Dipped Galvanized, Add	38.25	
		For Stainless Steel, Add	152.98	
		For Seismic Hook And Eye, Add	16.45	
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	151.81	
		For Hot-Dipped Galvanized, Add	39.38	
		For Stainless Steel, Add	157.50	
		For Seismic Hook And Eye, Add	16.93	
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	156.71	
		For Hot-Dipped Galvanized, Add	40.40	
		For Stainless Steel, Add	161.58	
		For Seismic Hook And Eye, Add	17.37	
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	149.38	
		For Hot-Dipped Galvanized, Add	46.39	
		For Stainless Steel, Add	185.56	
		For Seismic Hook And Eye, Add	19.95	
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	159.02	
		For Hot-Dipped Galvanized, Add	47.35	
		For Stainless Steel, Add	189.40	
		For Seismic Hook And Eye, Add	20.36	
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	165.69	
		For Hot-Dipped Galvanized, Add	48.37	
		For Stainless Steel, Add	193.48	
		For Seismic Hook And Eye, Add	20.80	
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	171.45	
		For Hot-Dipped Galvanized, Add	49.20	
		For Stainless Steel, Add	196.78	
		For Seismic Hook And Eye, Add	21.15	
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	176.54	
		For Hot-Dipped Galvanized, Add	50.31	
		For Stainless Steel, Add	201.24	
		For Seismic Hook And Eye, Add	21.63	
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	151.42	
		For Hot-Dipped Galvanized, Add	47.41	
		For Stainless Steel, Add	189.64	
		For Seismic Hook And Eye, Add	20.39	
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	162.43	
		For Hot-Dipped Galvanized, Add	49.06	
		For Stainless Steel, Add	196.22	
		For Seismic Hook And Eye, Add	21.09	
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	170.34	
		For Hot-Dipped Galvanized, Add	50.70	
		For Stainless Steel, Add	202.78	
		For Seismic Hook And Eye, Add	21.80	
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	178.35	
		For Hot-Dipped Galvanized, Add	52.65	
		For Stainless Steel, Add	210.58	
		For Seismic Hook And Eye, Add	22.64	
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	185.09	
		For Hot-Dipped Galvanized, Add	54.59	
		For Stainless Steel, Add	218.34	
		For Seismic Hook And Eye, Add	23.47	
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	64.36	
		For Hot-Dipped Galvanized, Add	14.35	
		For Stainless Steel, Add	57.38	

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	67.11	
		For Hot-Dipped Galvanized, Add	14.50	
		For Stainless Steel, Add	58.00	
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	71.72	
		For Hot-Dipped Galvanized, Add	15.07	
		For Stainless Steel, Add	60.28	
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	77.36	
		For Hot-Dipped Galvanized, Add	15.82	
		For Stainless Steel, Add	63.26	
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	84.12	
		For Hot-Dipped Galvanized, Add	16.65	
		For Stainless Steel, Add	66.60	
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	89.08	
		For Hot-Dipped Galvanized, Add	17.10	
		For Stainless Steel, Add	68.40	
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	92.67	
		For Hot-Dipped Galvanized, Add	17.75	
		For Stainless Steel, Add	71.00	
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	111.14	
		For Hot-Dipped Galvanized, Add	24.94	
		For Stainless Steel, Add	99.74	
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	117.65	
		For Hot-Dipped Galvanized, Add	26.36	
		For Stainless Steel, Add	105.44	
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	160.71	
		For Hot-Dipped Galvanized, Add	45.60	
		For Stainless Steel, Add	182.40	
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	75.45	
		For Hot-Dipped Galvanized, Add	19.89	
		For Stainless Steel, Add	79.56	
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	78.44	
		For Hot-Dipped Galvanized, Add	20.17	
		For Stainless Steel, Add	80.66	
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	83.06	
		For Hot-Dipped Galvanized, Add	20.74	
		For Stainless Steel, Add	82.96	
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	88.67	
		For Hot-Dipped Galvanized, Add	21.47	
		For Stainless Steel, Add	85.88	
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	95.27	
		For Hot-Dipped Galvanized, Add	22.23	
		For Stainless Steel, Add	88.90	
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	100.38	
		For Hot-Dipped Galvanized, Add	22.76	
		For Stainless Steel, Add	91.02	
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	103.79	
		For Hot-Dipped Galvanized, Add	23.31	
		For Stainless Steel, Add	93.24	
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	126.08	
		For Hot-Dipped Galvanized, Add	32.41	
		For Stainless Steel, Add	129.62	
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	132.59	
		For Hot-Dipped Galvanized, Add	33.83	
		For Stainless Steel, Add	135.32	
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	192.75	
		For Hot-Dipped Galvanized, Add	63.91	
		For Stainless Steel, Add	255.64	
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	92.42	
		For Hot-Dipped Galvanized, Add	28.38	
		For Stainless Steel, Add	113.50	
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	95.88	
		For Hot-Dipped Galvanized, Add	28.73	
		For Stainless Steel, Add	114.92	
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	100.73	
		For Hot-Dipped Galvanized, Add	29.79	
		For Stainless Steel, Add	119.14	
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	108.18	
		For Hot-Dipped Galvanized, Add	31.23	
		For Stainless Steel, Add	124.90	
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	116.36	
		For Hot-Dipped Galvanized, Add	33.03	
		For Stainless Steel, Add	132.10	
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	122.57	
		For Hot-Dipped Galvanized, Add	33.85	
		For Stainless Steel, Add	135.38	
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	127.30	
		For Hot-Dipped Galvanized, Add	35.07	
		For Stainless Steel, Add	140.26	
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	159.73	
		For Hot-Dipped Galvanized, Add	49.23	
		For Stainless Steel, Add	196.90	
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	168.96	
		For Hot-Dipped Galvanized, Add	52.01	
		For Stainless Steel, Add	208.04	
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	249.37	
		For Hot-Dipped Galvanized, Add	89.93	
		For Stainless Steel, Add	359.72	
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	81.72	
		For Hot-Dipped Galvanized, Add	23.03	
		For Stainless Steel, Add	92.10	
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	85.17	
		For Hot-Dipped Galvanized, Add	23.53	
		For Stainless Steel, Add	94.12	
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	89.78	
		For Hot-Dipped Galvanized, Add	24.11	
		For Stainless Steel, Add	96.42	
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	95.24	
		For Hot-Dipped Galvanized, Add	24.76	
		For Stainless Steel, Add	99.02	
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	101.59	
		For Hot-Dipped Galvanized, Add	25.39	
		For Stainless Steel, Add	101.54	
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	106.27	
		For Hot-Dipped Galvanized, Add	25.70	
		For Stainless Steel, Add	102.78	
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	109.71	
		For Hot-Dipped Galvanized, Add	26.05	
		For Stainless Steel, Add	104.20	
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	123.24	
		For Hot-Dipped Galvanized, Add	30.98	
		For Stainless Steel, Add	123.92	
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	92.94	
		For Hot-Dipped Galvanized, Add	28.64	
		For Stainless Steel, Add	114.54	
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	96.53	
		For Hot-Dipped Galvanized, Add	29.21	
		For Stainless Steel, Add	116.84	

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	101.25	
		For Hot-Dipped Galvanized, Add	29.84	
		For Stainless Steel, Add	119.36	
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	106.59	
		For Hot-Dipped Galvanized, Add	30.43	
		For Stainless Steel, Add	121.72	
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	112.92	
		For Hot-Dipped Galvanized, Add	31.05	
		For Stainless Steel, Add	124.20	
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	117.65	
		For Hot-Dipped Galvanized, Add	31.39	
		For Stainless Steel, Add	125.56	
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	121.02	
		For Hot-Dipped Galvanized, Add	31.70	
		For Stainless Steel, Add	126.80	
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	138.15	
		For Hot-Dipped Galvanized, Add	38.44	
		For Stainless Steel, Add	153.76	
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	172.23	
		For Hot-Dipped Galvanized, Add	53.65	
		For Stainless Steel, Add	214.60	
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	103.79	
		For Hot-Dipped Galvanized, Add	34.06	
		For Stainless Steel, Add	136.24	
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	108.87	
		For Hot-Dipped Galvanized, Add	35.23	
		For Stainless Steel, Add	140.90	
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	113.94	
		For Hot-Dipped Galvanized, Add	36.39	
		For Stainless Steel, Add	145.56	
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	121.29	
		For Hot-Dipped Galvanized, Add	37.78	
		For Stainless Steel, Add	151.12	
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	128.64	
		For Hot-Dipped Galvanized, Add	39.17	
		For Stainless Steel, Add	156.66	
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	134.69	
		For Hot-Dipped Galvanized, Add	39.91	
		For Stainless Steel, Add	159.62	
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	138.24	
		For Hot-Dipped Galvanized, Add	40.54	
		For Stainless Steel, Add	162.14	
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	144.89	
		For Hot-Dipped Galvanized, Add	41.81	
		For Stainless Steel, Add	167.22	
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	186.79	
		For Hot-Dipped Galvanized, Add	60.93	
		For Stainless Steel, Add	243.70	
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	107.54	
		For Hot-Dipped Galvanized, Add	35.94	
		For Stainless Steel, Add	143.74	
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	110.98	
		For Hot-Dipped Galvanized, Add	36.44	
		For Stainless Steel, Add	145.74	
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	115.59	
		For Hot-Dipped Galvanized, Add	37.01	
		For Stainless Steel, Add	148.04	



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	121.05	
		For Hot-Dipped Galvanized, Add	37.66	
		For Stainless Steel, Add	150.64	
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	127.41	
		For Hot-Dipped Galvanized, Add	38.30	
		For Stainless Steel, Add	153.18	
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	132.09	
		For Hot-Dipped Galvanized, Add	38.61	
		For Stainless Steel, Add	154.42	
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	135.53	
		For Hot-Dipped Galvanized, Add	38.96	
		For Stainless Steel, Add	155.84	
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	149.05	
		For Hot-Dipped Galvanized, Add	43.89	
		For Stainless Steel, Add	175.54	
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	172.44	
		For Hot-Dipped Galvanized, Add	53.76	
		For Stainless Steel, Add	215.02	
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	118.75	
		For Hot-Dipped Galvanized, Add	41.54	
		For Stainless Steel, Add	166.16	
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	122.34	
		For Hot-Dipped Galvanized, Add	42.12	
		For Stainless Steel, Add	168.46	
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	127.07	
		For Hot-Dipped Galvanized, Add	42.75	
		For Stainless Steel, Add	171.00	
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	132.41	
		For Hot-Dipped Galvanized, Add	43.34	
		For Stainless Steel, Add	173.36	
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	138.74	
		For Hot-Dipped Galvanized, Add	43.96	
		For Stainless Steel, Add	175.84	
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	143.47	
		For Hot-Dipped Galvanized, Add	44.30	
		For Stainless Steel, Add	177.20	
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	146.84	
		For Hot-Dipped Galvanized, Add	44.61	
		For Stainless Steel, Add	178.44	
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	163.97	
		For Hot-Dipped Galvanized, Add	51.35	
		For Stainless Steel, Add	205.40	
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	198.05	
		For Hot-Dipped Galvanized, Add	66.56	
		For Stainless Steel, Add	266.24	
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	129.61	
		For Hot-Dipped Galvanized, Add	46.97	
		For Stainless Steel, Add	187.88	
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	134.69	
		For Hot-Dipped Galvanized, Add	48.14	
		For Stainless Steel, Add	192.54	
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	139.76	
		For Hot-Dipped Galvanized, Add	49.30	
		For Stainless Steel, Add	197.20	
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	147.10	
		For Hot-Dipped Galvanized, Add	50.69	
		For Stainless Steel, Add	202.74	

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	154.46	
		<i>For Hot-Dipped Galvanized, Add</i>	52.08	
		<i>For Stainless Steel, Add</i>	208.30	
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	160.50	
		<i>For Hot-Dipped Galvanized, Add</i>	52.81	
		<i>For Stainless Steel, Add</i>	211.24	
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	164.06	
		<i>For Hot-Dipped Galvanized, Add</i>	53.45	
		<i>For Stainless Steel, Add</i>	213.78	
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	170.71	
		<i>For Hot-Dipped Galvanized, Add</i>	54.72	
		<i>For Stainless Steel, Add</i>	218.86	
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	212.60	
		<i>For Hot-Dipped Galvanized, Add</i>	73.83	
		<i>For Stainless Steel, Add</i>	295.32	
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	91.26	
		<i>For Hot-Dipped Galvanized, Add</i>	22.48	
		<i>For Stainless Steel, Add</i>	89.90	
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	98.57	
		<i>For Hot-Dipped Galvanized, Add</i>	23.56	
		<i>For Stainless Steel, Add</i>	94.24	
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	106.47	
		<i>For Hot-Dipped Galvanized, Add</i>	24.94	
		<i>For Stainless Steel, Add</i>	99.74	
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	113.50	
		<i>For Hot-Dipped Galvanized, Add</i>	25.88	
		<i>For Stainless Steel, Add</i>	103.52	
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	117.66	
		<i>For Hot-Dipped Galvanized, Add</i>	26.67	
		<i>For Stainless Steel, Add</i>	106.68	
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	126.10	
		<i>For Hot-Dipped Galvanized, Add</i>	28.58	
		<i>For Stainless Steel, Add</i>	114.30	
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	134.02	
		<i>For Hot-Dipped Galvanized, Add</i>	30.48	
		<i>For Stainless Steel, Add</i>	121.92	
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	105.26	
		<i>For Hot-Dipped Galvanized, Add</i>	29.48	
		<i>For Stainless Steel, Add</i>	117.90	
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	112.60	
		<i>For Hot-Dipped Galvanized, Add</i>	30.58	
		<i>For Stainless Steel, Add</i>	122.30	
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	120.45	
		<i>For Hot-Dipped Galvanized, Add</i>	31.93	
		<i>For Stainless Steel, Add</i>	127.70	
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	127.51	
		<i>For Hot-Dipped Galvanized, Add</i>	32.89	
		<i>For Stainless Steel, Add</i>	131.54	
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	131.57	
		<i>For Hot-Dipped Galvanized, Add</i>	33.63	
		<i>For Stainless Steel, Add</i>	134.50	
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	140.04	
		<i>For Hot-Dipped Galvanized, Add</i>	35.55	
		<i>For Stainless Steel, Add</i>	142.18	



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 For Hot-Dipped Galvanized, Add For Stainless Steel, Add	148.03 37.49 149.94	
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 For Hot-Dipped Galvanized, Add For Stainless Steel, Add	118.24 35.97 143.86	
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 For Hot-Dipped Galvanized, Add For Stainless Steel, Add	126.79 37.67 150.68	
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 For Hot-Dipped Galvanized, Add For Stainless Steel, Add	136.62 40.01 160.04	
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 For Hot-Dipped Galvanized, Add For Stainless Steel, Add	144.30 41.28 165.12	
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 For Hot-Dipped Galvanized, Add For Stainless Steel, Add	149.42 42.55 170.20	
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 For Hot-Dipped Galvanized, Add For Stainless Steel, Add	159.78 45.42 181.66	
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 For Hot-Dipped Galvanized, Add For Stainless Steel, Add	168.63 47.79 191.14	
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 For Hot-Dipped Galvanized, Add For Stainless Steel, Add	134.91 44.30 177.20	
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 For Hot-Dipped Galvanized, Add For Stainless Steel, Add	140.67 44.61 178.44	
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 For Hot-Dipped Galvanized, Add For Stainless Steel, Add	147.99 45.70 182.78	
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 For Hot-Dipped Galvanized, Add For Stainless Steel, Add	158.59 47.14 188.54	
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 For Hot-Dipped Galvanized, Add For Stainless Steel, Add	166.62 48.84 195.34	
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 For Hot-Dipped Galvanized, Add For Stainless Steel, Add	174.89 50.92 203.66	
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 For Hot-Dipped Galvanized, Add For Stainless Steel, Add	156.56 55.13 220.50	
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 For Hot-Dipped Galvanized, Add For Stainless Steel, Add	162.63 55.59 222.36	
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 For Hot-Dipped Galvanized, Add For Stainless Steel, Add	169.95 56.68 226.70	

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.....	180.49	
		For Hot-Dipped Galvanized, Add	58.09	
		For Stainless Steel, Add	232.34	
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.....	188.25	
		For Hot-Dipped Galvanized, Add	59.65	
		For Stainless Steel, Add	238.60	
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.....	195.52	
		For Hot-Dipped Galvanized, Add	61.23	
		For Stainless Steel, Add	244.92	
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.....	168.43	
		For Hot-Dipped Galvanized, Add	61.06	
		For Stainless Steel, Add	244.24	
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.....	174.50	
		For Hot-Dipped Galvanized, Add	61.53	
		For Stainless Steel, Add	246.10	
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.....	183.05	
		For Hot-Dipped Galvanized, Add	63.23	
		For Stainless Steel, Add	252.90	
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.....	195.23	
		For Hot-Dipped Galvanized, Add	65.46	
		For Stainless Steel, Add	261.82	
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.....	205.50	
		For Hot-Dipped Galvanized, Add	68.28	
		For Stainless Steel, Add	273.10	
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.....	215.87	
		For Hot-Dipped Galvanized, Add	71.41	
		For Stainless Steel, Add	285.62	
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.....	144.17	
		For Hot-Dipped Galvanized, Add	46.36	
		For Stainless Steel, Add	185.44	
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.....	149.97	
		For Hot-Dipped Galvanized, Add	46.69	
		For Stainless Steel, Add	186.74	
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.....	159.79	
		For Hot-Dipped Galvanized, Add	47.74	
		For Stainless Steel, Add	190.94	
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.....	167.27	
		For Hot-Dipped Galvanized, Add	49.16	
		For Stainless Steel, Add	196.64	
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.....	174.85	
		For Hot-Dipped Galvanized, Add	50.90	
		For Stainless Steel, Add	203.58	
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.....	181.25	
		For Hot-Dipped Galvanized, Add	52.67	
		For Stainless Steel, Add	210.66	
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.....	165.76	
		For Hot-Dipped Galvanized, Add	57.16	
		For Stainless Steel, Add	228.62	
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.....	171.84	
		For Hot-Dipped Galvanized, Add	57.62	
		For Stainless Steel, Add	230.48	



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.....	181.73	
			For Hot-Dipped Galvanized, Add	58.71	
			For Stainless Steel, Add	234.82	
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.....	189.21	
			For Hot-Dipped Galvanized, Add	60.13	
			For Stainless Steel, Add	240.52	
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.....	196.45	
			For Hot-Dipped Galvanized, Add	61.70	
			For Stainless Steel, Add	246.78	
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.....	203.02	
			For Hot-Dipped Galvanized, Add	63.55	
			For Stainless Steel, Add	254.20	
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.....	177.65	
			For Hot-Dipped Galvanized, Add	63.10	
			For Stainless Steel, Add	252.40	
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.....	183.70	
			For Hot-Dipped Galvanized, Add	63.55	
			For Stainless Steel, Add	254.20	
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.....	194.89	
			For Hot-Dipped Galvanized, Add	65.29	
			For Stainless Steel, Add	261.14	
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.....	203.95	
			For Hot-Dipped Galvanized, Add	67.50	
			For Stainless Steel, Add	270.00	
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.....	213.67	
			For Hot-Dipped Galvanized, Add	70.31	
			For Stainless Steel, Add	281.22	
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.....	220.80	
			For Hot-Dipped Galvanized, Add	72.44	
			For Stainless Steel, Add	289.76	
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.....	135.83	
			For Hot-Dipped Galvanized, Add	42.19	
			For Stainless Steel, Add	168.76	
			For Seismic Hook And Eye, Add	18.14	
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.....	141.57	
			For Hot-Dipped Galvanized, Add	42.49	
			For Stainless Steel, Add	169.94	
			For Seismic Hook And Eye, Add	18.27	
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.....	151.12	
			For Hot-Dipped Galvanized, Add	43.40	
			For Stainless Steel, Add	173.60	
			For Seismic Hook And Eye, Add	18.66	
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.....	158.38	
			For Hot-Dipped Galvanized, Add	44.72	
			For Stainless Steel, Add	178.86	
			For Seismic Hook And Eye, Add	19.23	
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.....	165.22	
			For Hot-Dipped Galvanized, Add	46.08	
			For Stainless Steel, Add	184.32	
			For Seismic Hook And Eye, Add	19.81	
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.....	171.43	
			For Hot-Dipped Galvanized, Add	47.76	
			For Stainless Steel, Add	191.02	
			For Seismic Hook And Eye, Add	20.53	

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.....	155.72	
	For Hot-Dipped Galvanized, Add	52.14	
	For Stainless Steel, Add	208.54	
	For Seismic Hook And Eye, Add	22.42	
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.....	161.68	
	For Hot-Dipped Galvanized, Add	52.54	
	For Stainless Steel, Add	210.16	
	For Seismic Hook And Eye, Add	22.59	
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.....	171.07	
	For Hot-Dipped Galvanized, Add	53.38	
	For Stainless Steel, Add	213.50	
	For Seismic Hook And Eye, Add	22.95	
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.....	178.21	
	For Hot-Dipped Galvanized, Add	54.63	
	For Stainless Steel, Add	218.52	
	For Seismic Hook And Eye, Add	23.49	
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.....	185.02	
	For Hot-Dipped Galvanized, Add	55.98	
	For Stainless Steel, Add	223.92	
	For Seismic Hook And Eye, Add	24.07	
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.....	190.85	
	For Hot-Dipped Galvanized, Add	57.47	
	For Stainless Steel, Add	229.86	
	For Seismic Hook And Eye, Add	24.71	
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.....	167.74	
	For Hot-Dipped Galvanized, Add	58.15	
	For Stainless Steel, Add	232.58	
	For Seismic Hook And Eye, Add	25.00	
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.....	173.79	
	For Hot-Dipped Galvanized, Add	58.60	
	For Stainless Steel, Add	234.38	
	For Seismic Hook And Eye, Add	25.20	
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.....	184.76	
	For Hot-Dipped Galvanized, Add	60.22	
	For Stainless Steel, Add	240.88	
	For Seismic Hook And Eye, Add	25.89	
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.....	193.64	
	For Hot-Dipped Galvanized, Add	62.35	
	For Stainless Steel, Add	249.38	
	For Seismic Hook And Eye, Add	26.81	
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.....	203.11	
	For Hot-Dipped Galvanized, Add	65.03	
	For Stainless Steel, Add	260.10	
	For Seismic Hook And Eye, Add	27.96	
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.....	211.91	
	For Hot-Dipped Galvanized, Add	68.00	
	For Stainless Steel, Add	271.98	
	For Seismic Hook And Eye, Add	29.24	
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.....	144.95	
	For Hot-Dipped Galvanized, Add	44.18	
	For Stainless Steel, Add	176.70	
	For Seismic Hook And Eye, Add	19.00	
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.....	153.29	
	For Hot-Dipped Galvanized, Add	44.49	
	For Stainless Steel, Add	177.94	
	For Seismic Hook And Eye, Add	19.13	



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	159.87	
			For Hot-Dipped Galvanized, Add	45.46	
			For Stainless Steel, Add	181.84	
			For Seismic Hook And Eye, Add	19.55	
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	166.77	
			For Hot-Dipped Galvanized, Add	46.86	
			For Stainless Steel, Add	187.42	
			For Seismic Hook And Eye, Add	20.15	
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	172.85	
			For Hot-Dipped Galvanized, Add	48.47	
			For Stainless Steel, Add	193.86	
			For Seismic Hook And Eye, Add	20.84	
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 13-0388)		
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	166.39	
			For Hot-Dipped Galvanized, Add	54.90	
			For Stainless Steel, Add	219.58	
			For Seismic Hook And Eye, Add	23.60	
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	174.79	
			For Hot-Dipped Galvanized, Add	55.24	
			For Stainless Steel, Add	220.94	
			For Seismic Hook And Eye, Add	23.75	
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	181.31	
			For Hot-Dipped Galvanized, Add	56.18	
			For Stainless Steel, Add	224.72	
			For Seismic Hook And Eye, Add	24.16	
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	187.96	
			For Hot-Dipped Galvanized, Add	57.45	
			For Stainless Steel, Add	229.80	
			For Seismic Hook And Eye, Add	24.70	
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	193.42	
			For Hot-Dipped Galvanized, Add	58.75	
			For Stainless Steel, Add	235.00	
			For Seismic Hook And Eye, Add	25.26	
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 13-0388)		
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	176.80	
			For Hot-Dipped Galvanized, Add	60.10	
			For Stainless Steel, Add	240.40	
			For Seismic Hook And Eye, Add	25.84	
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	185.38	
			For Hot-Dipped Galvanized, Add	60.53	
			For Stainless Steel, Add	242.12	
			For Seismic Hook And Eye, Add	26.03	
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	193.30	
			For Hot-Dipped Galvanized, Add	62.18	
			For Stainless Steel, Add	248.70	
			For Seismic Hook And Eye, Add	26.74	
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	201.62	
			For Hot-Dipped Galvanized, Add	64.28	
			For Stainless Steel, Add	257.12	
			For Seismic Hook And Eye, Add	27.64	
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	209.84	
			For Hot-Dipped Galvanized, Add	66.96	
			For Stainless Steel, Add	267.84	
			For Seismic Hook And Eye, Add	28.79	
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	1.36	
04 05 19 16-0004	EA	2"	Width x 6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.47	
04 05 19 16-0005	EA	2"	Width x 8" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.58	
04 05 19 16-0006	EA	2"	Width x 10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.71	
04 05 19 16-0007	EA	2"	Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie	1.84	

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.....	1.58	
04 05 19 16-0009	EA	4" Width x 8" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.71	
04 05 19 16-0010	EA	4" Width x 10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.84	
04 05 19 16-0011	EA	4" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.97	
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	1.17	
04 05 19 16-0014	EA	2" Width x 6" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.21	
04 05 19 16-0015	EA	2" Width x 8" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.26	
04 05 19 16-0016	EA	2" Width x 10" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.33	
04 05 19 16-0017	EA	2" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.40	
04 05 19 16-0018	EA	4" Width x 6" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.26	
04 05 19 16-0019	EA	4" Width x 8" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.33	
04 05 19 16-0020	EA	4" Width x 10" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.40	
04 05 19 16-0021	EA	4" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie	1.48	
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	1.17	
04 05 19 16-0025	EA	8" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.24	
04 05 19 16-0026	EA	10" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.43	
04 05 19 16-0027	EA	12" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.52	
04 05 19 16-0028	EA	6" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.54	
04 05 19 16-0029	EA	8" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.66	
04 05 19 16-0030	EA	10" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.81	
04 05 19 16-0031	EA	12" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie	1.90	
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	1.03	
04 05 19 16-0034	EA	8" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.05	
04 05 19 16-0035	EA	10" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.20	
04 05 19 16-0036	EA	12" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.24	
04 05 19 16-0037	EA	6" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.25	
04 05 19 16-0038	EA	8" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.33	
04 05 19 16-0039	EA	10" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.40	
04 05 19 16-0040	EA	12" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.50	
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	1.70	
04 05 19 16-0044	EA	4" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	1.75	
04 05 19 16-0045	EA	6" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	1.79	
04 05 19 16-0046	EA	8" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	1.84	
04 05 19 16-0047	EA	10" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	1.93	
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	2.09	
04 05 19 16-0050	EA	4" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	2.20	
04 05 19 16-0051	EA	6" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	2.32	
04 05 19 16-0052	EA	8" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	2.37	
04 05 19 16-0053	EA	10" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	2.46	
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	1.93	
04 05 19 16-0057	EA	7" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	2.03	
04 05 19 16-0058	EA	8" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	2.06	
04 05 19 16-0059	EA	9" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	2.15	
04 05 19 16-0060	EA	10" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	2.18	
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	1.58	
04 05 19 16-0063	EA	7" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.64	
04 05 19 16-0064	EA	8" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.67	
04 05 19 16-0065	EA	9" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.72	
04 05 19 16-0066	EA	10" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.74	
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.....	2.42	
04 05 19 16-0070 EA 4-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor.....	2.53	
04 05 19 16-0071 EA 5-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor.....	2.63	
04 05 19 16-0072 EA 6-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor.....	2.74	
04 05 19 16-0073 EA 7-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor.....	2.85	
04 05 19 16-0074 EA 3-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor.....	2.51	
04 05 19 16-0075 EA 4-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor.....	2.63	
04 05 19 16-0076 EA 5-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor.....	2.74	
04 05 19 16-0077 EA 6-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor.....	2.86	
04 05 19 16-0078 EA 7-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor.....	2.98	
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.....	2.04	
04 05 19 16-0081 EA 4-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor.....	2.12	
04 05 19 16-0082 EA 5-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor.....	2.19	
04 05 19 16-0083 EA 6-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor.....	2.27	
04 05 19 16-0084 EA 7-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor.....	2.35	
04 05 19 16-0085 EA 3-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor.....	2.11	
04 05 19 16-0086 EA 4-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor.....	2.19	
04 05 19 16-0087 EA 5-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor.....	2.28	
04 05 19 16-0088 EA 6-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor.....	2.36	
04 05 19 16-0089 EA 7-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor.....	2.45	
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.....	1.02	
04 05 19 16-0093 EA 7/8" Width, 7" Length, 26 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie.....	1.11	
04 05 19 16-0094 EA 7/8" Width, 7" Length, 24 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie.....	1.15	
04 05 19 16-0095 EA 7/8" Width, 7" Length, 22 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie.....	1.18	
04 05 19 16-0096 EA 7/8" Width, 7" Length, 16 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie.....	1.48	
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.....	1.06	
04 05 19 16-0099 EA 7/8" Width, 7" Length, 24 Gauge, Mill Galvanized, Corrugated Wall Tie.....	1.08	
04 05 19 16-0100 EA 7/8" Width, 7" Length, 22 Gauge, Mill Galvanized, Corrugated Wall Tie.....	1.11	
04 05 19 16-0101 EA 7/8" Width, 7" Length, 16 Gauge, Mill Galvanized, Corrugated Wall Tie.....	1.34	
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.....	1.33	
04 05 19 16-0104 EA 7/8" Width, 7" Length, 26 Gauge, Stainless Steel, Corrugated Wall Tie.....	1.39	
04 05 19 16-0105 EA 7/8" Width, 7" Length, 24 Gauge, Stainless Steel, Corrugated Wall Tie.....	1.46	
04 05 19 16-0106 EA 7/8" Width, 7" Length, 22 Gauge, Stainless Steel, Corrugated Wall Tie.....	1.52	
04 05 19 16-0107 EA 7/8" Width, 7" Length, 16 Gauge, Stainless Steel, Corrugated Wall Tie.....	1.85	
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.....	2.26	
04 05 19 16-0110 EA 3" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie.....	2.83	
04 05 19 16-0111 EA 6" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie.....	3.42	
04 05 19 16-0112 EA 6" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie.....	4.50	
04 05 19 16-0113 EA 10" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie.....	4.11	
04 05 19 16-0114 EA 10" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie.....	5.25	
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.....	1.97	
04 05 19 16-0118 EA 3-1/2" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie.....	2.02	
04 05 19 16-0119 EA 4" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie.....	2.07	
04 05 19 16-0120 EA 4-1/2" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie.....	2.16	
04 05 19 16-0121 EA 5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie.....	2.21	
04 05 19 16-0122 EA 6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie.....	2.34	
04 05 19 16-0123 EA 7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie.....	2.44	
04 05 19 16-0124 EA 9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie.....	2.67	
04 05 19 16-0125 EA 3" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie.....	2.46	
04 05 19 16-0126 EA 3-1/2" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie.....	2.49	
04 05 19 16-0127 EA 4" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie.....	2.53	
04 05 19 16-0128 EA 4-1/2" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie.....	2.61	
04 05 19 16-0129 EA 5" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie.....	2.65	
04 05 19 16-0130 EA 6" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie.....	2.77	
04 05 19 16-0131 EA 7" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie.....	2.85	
04 05 19 16-0132 EA 9" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie.....	3.09	

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.....	1.74
04 05 19 16-0135	EA	3-1/2" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie.....	1.75
04 05 19 16-0136	EA	4" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie.....	1.77
04 05 19 16-0137	EA	4-1/2" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie.....	1.84
04 05 19 16-0138	EA	5" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie.....	1.85
04 05 19 16-0139	EA	6" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie.....	1.93
04 05 19 16-0140	EA	7" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie.....	1.96
04 05 19 16-0141	EA	9" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie.....	2.04
04 05 19 16-0142	EA	3" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie.....	2.02
04 05 19 16-0143	EA	3-1/2" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie.....	2.05
04 05 19 16-0144	EA	4" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie.....	2.08
04 05 19 16-0145	EA	4-1/2" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie.....	2.16
04 05 19 16-0146	EA	5" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie.....	2.18
04 05 19 16-0147	EA	6" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie.....	2.27
04 05 19 16-0148	EA	7" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie.....	2.32
04 05 19 16-0149	EA	9" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie.....	2.46
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.....	6.08
		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.....	7.93
04 05 19 16-0154	EA	9-5/8" Length, 1-5/8" Width, Hot-Dipped Galvanized, Slip-Set, Joint Stabilization Anchor.....	8.63
04 05 19 16-0155	EA	9-5/8" Length, 1-5/8" Width, Stainless Steel, Slip-Set, Joint Stabilization Anchor.....	6.08
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.....	4.40
04 05 19 16-0158	EA	12 Gauge Strap, 3/8" Rod, Stainless Steel, Partition Top Anchor.....	6.40
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.....	3.02
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.....	3.32
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.....	3.69
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.....	4.03
04 05 19 16-0165	EA	2" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor.....	4.36
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.....	4.70
04 05 19 16-0167	EA	1" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor.....	4.37
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.....	5.44
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.....	6.52
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.....	7.60
04 05 19 16-0171	EA	2" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor.....	8.67
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.....	9.75
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.....	2.72
04 05 19 16-0175	EA	1-1/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor.....	2.98
04 05 19 16-0176	EA	1-1/2" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor.....	3.25
04 05 19 16-0177	EA	1-3/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor.....	3.51
04 05 19 16-0178	EA	2" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor.....	3.77
04 05 19 16-0179	EA	2-1/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor.....	4.03
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.....	1.93
04 05 19 16-0182	EA	14 Gauge, Hot-Dipped Galvanized, Screw-On Masonry Veneer Anchor Plate.....	2.05
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.....	2.40
04 05 19 16-0186	EA	5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie.....	2.58
04 05 19 16-0187	EA	7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie.....	2.71
04 05 19 16-0188	EA	9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie.....	2.89
04 05 19 16-0189	EA	10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie.....	2.55
04 05 19 16-0190	EA	12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie.....	2.71
04 05 19 16-0191	EA	14" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie.....	2.82
04 05 19 16-0192	EA	16" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie.....	2.94



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	3.34	
04 05 19 16-0194	EA	5" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	3.65	
04 05 19 16-0195	EA	7" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	3.86	
04 05 19 16-0196	EA	9" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	4.15	
04 05 19 16-0197	EA	10" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	3.65	
04 05 19 16-0198	EA	12" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	3.86	
04 05 19 16-0199	EA	14" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	4.04	
04 05 19 16-0200	EA	16" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	4.24	
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	2.08	
04 05 19 16-0203	EA	5" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.19	
04 05 19 16-0204	EA	7" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.26	
04 05 19 16-0205	EA	9" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.37	
04 05 19 16-0206	EA	10" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.13	
04 05 19 16-0207	EA	12" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.24	
04 05 19 16-0208	EA	14" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.31	
04 05 19 16-0209	EA	16" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.40	
04 05 19 16-0210	EA	3" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	2.78	
04 05 19 16-0211	EA	5" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	2.98	
04 05 19 16-0212	EA	7" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	3.07	
04 05 19 16-0213	EA	9" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	3.27	
04 05 19 16-0214	EA	10" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	2.69	
04 05 19 16-0215	EA	12" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	3.03	
04 05 19 16-0216	EA	14" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	3.16	
04 05 19 16-0217	EA	16" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	3.27	
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	4.47	
04 05 19 16-0222	LF	22 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	5.00	
04 05 19 16-0223	LF	20 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	5.31	
04 05 19 16-0224	LF	18 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	5.46	
04 05 19 16-0225	LF	16 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot	5.82	
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	3.42	
04 05 19 16-0228	LF	22 Gauge, Mill Galvanized, Dovetail Anchor Slot	4.09	
04 05 19 16-0229	LF	20 Gauge, Mill Galvanized, Dovetail Anchor Slot	4.24	
04 05 19 16-0230	LF	18 Gauge, Mill Galvanized, Dovetail Anchor Slot	4.47	
04 05 19 16-0231	LF	16 Gauge, Mill Galvanized, Dovetail Anchor Slot	4.62	
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	3.98	
04 05 19 16-0234	LF	22 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	4.42	
04 05 19 16-0235	LF	20 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	4.57	
04 05 19 16-0236	LF	18 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	5.07	
04 05 19 16-0237	LF	16 Gauge, 304 Stainless Steel, Dovetail Anchor Slot	5.55	
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	4.32	
04 05 19 16-0240	LF	22 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	4.66	
04 05 19 16-0241	LF	20 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	4.99	
04 05 19 16-0242	LF	18 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	5.42	
04 05 19 16-0243	LF	16 Gauge, 316 Stainless Steel, Dovetail Anchor Slot	5.67	
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	1.38	
04 05 19 16-0247	EA	5-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.55	
04 05 19 16-0248	EA	7-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.72	
04 05 19 16-0249	EA	3-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.42	
04 05 19 16-0250	EA	5-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.74	
04 05 19 16-0251	EA	7-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.98	
04 05 19 16-0252	EA	3-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.51	
04 05 19 16-0253	EA	5-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.73	
04 05 19 16-0254	EA	7-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie	1.95	
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	1.23	

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.....	1.33	
04 05 19 16-0258 EA 7-1/2" Length, 1" Width, 16 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie.....	1.44	
04 05 19 16-0259 EA 3-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie.....	1.31	
04 05 19 16-0260 EA 5-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie.....	1.52	
04 05 19 16-0261 EA 7-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie.....	1.69	
04 05 19 16-0262 EA 3-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie.....	1.35	
04 05 19 16-0263 EA 5-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie.....	1.60	
04 05 19 16-0264 EA 7-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie.....	1.77	
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.....	1.74	
04 05 19 16-0268 EA 5-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor.....	1.91	
04 05 19 16-0269 EA 7-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor.....	2.09	
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.....	4.55	
04 05 19 16-0272 EA 3/8" Rod, Stainless Steel, Dovetail Partition Top Anchor.....	6.88	
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.....	2.67	
04 05 19 16-0276 EA 5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie.....	2.90	
04 05 19 16-0277 EA 7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie.....	3.05	
04 05 19 16-0278 EA 9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie.....	3.21	
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.....	2.35	
04 05 19 16-0281 EA 5" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie.....	2.37	
04 05 19 16-0282 EA 7" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie.....	2.47	
04 05 19 16-0283 EA 9" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie.....	2.72	
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.....	0.99	
04 05 19 26-0003 LF #4, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar.....	1.63	
04 05 19 26-0004 LF #5, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar.....	2.29	
04 05 19 26-0005 LF #6, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar.....	3.00	
04 05 19 26-0006 LF #3, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar.....	1.01	
04 05 19 26-0007 LF #4, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar.....	1.65	
04 05 19 26-0008 LF #5, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar.....	2.33	
04 05 19 26-0009 LF #6, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar.....	3.05	
04 05 19 26-0010 LF #3, Grade 60, Horizontal Placed, Steel Masonry Reinforcement Bar.....	1.03	
04 05 19 26-0011 LF #4, Grade 60, Horizontal Placed, Steel Masonry Reinforcement Bar.....	1.69	
04 05 19 26-0012 LF #5, Grade 60, Horizontal Placed, Steel Masonry Reinforcement Bar.....	2.39	
04 05 19 26-0013 LF #6, Grade 60, Horizontal Placed, Steel Masonry Reinforcement Bar.....	3.14	
04 05 19 26-0014 LF #3, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar.....	1.17	
04 05 19 26-0015 LF #4, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar.....	1.90	
04 05 19 26-0016 LF #5, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar.....	2.67	
04 05 19 26-0017 LF #6, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar.....	3.46	
04 05 19 26-0018 LF #3, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar.....	1.19	
04 05 19 26-0019 LF #4, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar.....	1.92	
04 05 19 26-0020 LF #5, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar.....	2.71	
04 05 19 26-0021 LF #6, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar.....	3.51	
04 05 19 26-0022 LF #3, Grade 60, Vertical Placed, Steel Masonry Reinforcement Bar.....	1.21	
04 05 19 26-0023 LF #4, Grade 60, Vertical Placed, Steel Masonry Reinforcement Bar.....	1.96	
04 05 19 26-0024 LF #5, Grade 60, Vertical Placed, Steel Masonry Reinforcement Bar.....	2.77	
04 05 19 26-0025 LF #6, Grade 60, Vertical Placed, Steel Masonry Reinforcement Bar.....	3.60	
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.....	1.14	
04 05 19 26-0028 LF #4, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar.....	1.89	
04 05 19 26-0029 LF #5, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar.....	2.70	
04 05 19 26-0030 LF #6, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar.....	3.59	
04 05 19 26-0031 LF #3, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar.....	1.16	
04 05 19 26-0032 LF #4, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar.....	1.92	
04 05 19 26-0033 LF #5, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar.....	2.74	
04 05 19 26-0034 LF #6, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar.....	3.65	
04 05 19 26-0035 LF #3, Grade 60, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar.....	1.18	
04 05 19 26-0036 LF #4, Grade 60, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar.....	1.96	
04 05 19 26-0037 LF #5, Grade 60, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar.....	2.81	



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	3.74	
04 05 19 26-0039	LF	#3, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	1.32	
04 05 19 26-0040	LF	#4, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	2.16	
04 05 19 26-0041	LF	#5, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	3.08	
04 05 19 26-0042	LF	#6, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	4.05	
04 05 19 26-0043	LF	#3, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	1.34	
04 05 19 26-0044	LF	#4, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	2.19	
04 05 19 26-0045	LF	#5, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	3.12	
04 05 19 26-0046	LF	#6, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	4.11	
04 05 19 26-0047	LF	#3, Grade 60, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	1.36	
04 05 19 26-0048	LF	#4, Grade 60, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	2.23	
04 05 19 26-0049	LF	#5, Grade 60, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	3.19	
04 05 19 26-0050	LF	#6, Grade 60, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	4.20	
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	1.12	
04 05 19 26-0053	LF	#4, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	1.86	
04 05 19 26-0054	LF	#5, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	2.66	
04 05 19 26-0055	LF	#6, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	3.53	
04 05 19 26-0056	LF	#3, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	1.14	
04 05 19 26-0057	LF	#4, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	1.89	
04 05 19 26-0058	LF	#5, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	2.70	
04 05 19 26-0059	LF	#6, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	3.59	
04 05 19 26-0060	LF	#3, Grade 60, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	1.16	
04 05 19 26-0061	LF	#4, Grade 60, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	1.93	
04 05 19 26-0062	LF	#5, Grade 60, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	2.76	
04 05 19 26-0063	LF	#6, Grade 60, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	3.67	
04 05 19 26-0064	LF	#3, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	1.30	
04 05 19 26-0065	LF	#4, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	2.13	
04 05 19 26-0066	LF	#5, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	3.04	
04 05 19 26-0067	LF	#6, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	3.99	
04 05 19 26-0068	LF	#3, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	1.32	
04 05 19 26-0069	LF	#4, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	2.16	
04 05 19 26-0070	LF	#5, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	3.08	
04 05 19 26-0071	LF	#6, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	4.05	
04 05 19 26-0072	LF	#3, Grade 60, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	1.34	
04 05 19 26-0073	LF	#4, Grade 60, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	2.20	
04 05 19 26-0074	LF	#5, Grade 60, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	3.14	
04 05 19 26-0075	LF	#6, Grade 60, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	4.13	
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	7.01	0.91
04 05 23 13-0004	LF	2-5/8" Width, Rubber, Masonry Control Joint	6.79	0.91
04 05 23 13-0005	LF	6-7/8" Width, Rubber, Masonry Control Joint	14.92	0.91
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	3.94	0.91
04 05 23 13-0008	LF	2-5/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint	4.12	0.91
04 05 23 13-0009	LF	4-7/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint	5.21	0.91
04 05 23 13-0010	LF	6-7/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint	5.74	0.91
04 05 23 13-0011	LF	11-1/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint	5.35	0.91
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	9.83	1.78
04 05 23 16-0004	SF	3 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing	10.95	1.78
04 05 23 16-0005	SF	5 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing	14.04	1.78
04 05 23 16-0006	SF	7 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing	16.77	1.78
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	10.92	1.78
04 05 23 16-0009	SF	3 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing	11.92	1.78
04 05 23 16-0010	SF	5 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing	15.49	1.78
04 05 23 16-0011	SF	7 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing	18.78	1.78

04 Masonry**04 05 Common Work Results for Masonry****04 05 23 Masonry Accessories**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT UNIT COST DEMOLITION 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	10.08	1.78
04 05 23 16-0014	SF	3 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing	11.48	1.78
04 05 23 16-0015	SF	5 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing	13.48	1.78
04 05 23 16-0016	SF	7 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing	17.66	1.78
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	7.20	1.66
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	4.53	1.84
04 05 23 16-0022	SF	0.020" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing	4.87	1.84
04 05 23 16-0023	SF	0.030" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing	5.26	1.84
04 05 23 16-0024	SF	0.056" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing	6.55	1.84
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	8.15	1.66
04 05 23 16-0028	SF	3 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	8.98	1.66
04 05 23 16-0029	SF	5 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	11.25	1.66
04 05 23 16-0030	SF	7 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	13.25	1.66
04 05 23 16-0031	SF	10 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing	14.10	1.66
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	8.97	1.66
04 05 23 16-0034	SF	3 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	9.69	1.66
04 05 23 16-0035	SF	5 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	12.31	1.66
04 05 23 16-0036	SF	7 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	14.71	1.66
04 05 23 16-0037	SF	10 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing	16.13	1.66
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	8.24	1.66
04 05 23 16-0040	SF	3 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	9.08	1.66
04 05 23 16-0041	SF	5 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	11.33	1.66
04 05 23 16-0042	SF	7 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	13.33	1.66
04 05 23 16-0043	SF	10 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing	14.18	1.66
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	8.36	1.66
04 05 23 16-0046	SF	3 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	9.36	1.66
04 05 23 16-0047	SF	5 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	10.84	1.66
04 05 23 16-0048	SF	7 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	13.90	1.66
04 05 23 16-0049	SF	10 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing	9.28	1.66
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	11.71	1.66
04 05 23 16-0052	SF	5 Ounce, 2 Sides Kraft Paper Reinforced With Glass Fabric And Asphalt, Thru-Wall Copper Flashing	14.74	1.66
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	9.96	1.66
04 05 23 16-0055	SF	5 Ounce, 2 Sides Glass Fabric, Thru-Wall Copper Flashing	12.67	1.66
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	77.25	
04 05 23 19-0003	EA	8-1/8" x 4-3/4" Aluminum Brick Vent	96.18	
04 05 23 19-0004	EA	8-1/8" x 7-3/4" Aluminum Brick Vent	122.10	
04 05 23 19-0005	EA	12" x 2-3/8" Aluminum Brick Vent	96.04	
04 05 23 19-0006	EA	12" x 4-3/4" Aluminum Brick Vent	119.16	
04 05 23 19-0007	EA	12" x 7-3/4" Aluminum Brick Vent	151.65	
04 05 23 19-0008	EA	16-1/2" x 2-3/8" Aluminum Brick Vent	114.54	
04 05 23 19-0009	EA	16-1/2" x 4-3/4" Aluminum Brick Vent	156.56	
04 05 23 19-0010	EA	16-1/2" x 7-3/4" Aluminum Brick Vent	192.72	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

04 05 23 19-0011	EA	24" x 2-3/8" Aluminum Brick Vent.....	158.40	
04 05 23 19-0012	EA	24" x 4-3/4" Aluminum Brick Vent.....	206.81	
04 05 23 19-0013	EA	24" x 7-3/4" Aluminum Brick Vent.....	256.00	

04 20 Unit Masonry ⁽⁰⁴⁾

Note: Includes finishing joints (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.....	24.18	
		Note: Standard size brick, 3-5/8" x 2-1/4" x 8". (6.55 Bricks/SF)		
		For Buff Or Gray, Add	0.96	
		For Common Or American Bond, Add	0.74	
		For English Bond, Add	1.47	
		For Flemish Bond, Add	3.05	
		For Stacked Bond, Add	2.13	
		For <10, Small Area Replacements (Individual Areas), Add	27.89	
		For Curved Wall, Add	3.68	
		For Corbels, Add	13.80	
		For Severe Weather (SW) Brick, Add	0.87	
		For Glazed Brick, Add	20.23	
04 21 13 00-0003	SF	Engineer Standard Size Red Brick, Running Bond.....	25.14	
		Note: Engineer standard size brick, 3-5/8" x 2-3/4" x 8". (5.39 Bricks/SF)		
		For Buff Or Gray, Add	1.19	
		For Common Or American Bond, Add	0.72	
		For English Bond, Add	1.44	
		For Flemish Bond, Add	3.06	
		For Stacked Bond, Add	2.16	
		For <10, Small Area Replacements (Individual Areas), Add	27.33	
		For Curved Wall, Add	3.60	
		For Corbels, Add	13.49	
		For Severe Weather (SW) Brick, Add	1.07	
		For Glazed Brick, Add	25.06	
04 21 13 00-0004	SF	Modular Size Red Brick, Running Bond.....	24.18	
		Note: Modular size brick, 3-5/8" x 2-1/4" x 7-5/8". (6.75 Bricks/SF)		
		For Buff Or Gray, Add	0.96	
		For Common Or American Bond, Add	0.74	
		For English Bond, Add	1.47	
		For Flemish Bond, Add	3.05	
		For Stacked Bond, Add	2.13	
		For <10, Small Area Replacements (Individual Areas), Add	27.89	
		For Curved Wall, Add	3.68	
		For Corbels, Add	13.80	
		For Severe Weather (SW) Brick, Add	0.87	
		For Glazed Brick, Add	20.23	
04 21 13 00-0005	SF	Engineer Modular Size Red Brick, Running Bond.....	25.14	
		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	1.19	
		For Common Or American Bond, Add	0.72	
		For English Bond, Add	1.44	
		For Flemish Bond, Add	3.06	
		For Stacked Bond, Add	2.16	
		For <10, Small Area Replacements (Individual Areas), Add	27.33	
		For Curved Wall, Add	3.60	
		For Corbels, Add	13.49	
		For Severe Weather (SW) Brick, Add	1.07	
		For Glazed Brick, Add	25.06	
04 21 13 00-0006	SF	Economy Size Red Brick, Running Bond.....	24.95	
		Note: Economy size brick, 3-5/8" x 3-5/8" x 7-5/8". (4.5 Bricks/SF)		
		For Buff Or Gray, Add	1.16	
		For Common Or American Bond, Add	0.72	
		For English Bond, Add	1.44	
		For Flemish Bond, Add	3.05	
		For Stacked Bond, Add	2.15	
		For <10, Small Area Replacements (Individual Areas), Add	27.32	
		For Curved Wall, Add	3.60	
		For Corbels, Add	13.49	
		For Severe Weather (SW) Brick, Add	1.05	
		For Glazed Brick, Add	24.40	
04 21 13 00-0007	SF	Utility Size Red Brick, Running Bond.....	18.53	
		Note: Utility size brick, 3-5/8" x 3-5/8" x 11-5/8". (3.0 Bricks/SF)		
		For Buff Or Gray, Add	1.00	
		For Common Or American Bond, Add	0.50	
		For English Bond, Add	1.00	
		For Flemish Bond, Add	2.18	
		For Stacked Bond, Add	1.55	
		For <10, Small Area Replacements (Individual Areas), Add	19.14	
		For Curved Wall, Add	2.51	
		For Corbels, Add	9.42	
		For Severe Weather (SW) Brick, Add	0.90	
		For Glazed Brick, Add	20.90	

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.....	16.74	
			Note: Double utility size brick, 3-5/8" x 7-5/8" x 11-5/8". (1.5 Bricks/SF)		
			For Buff Or Gray, Add	0.70	
			For Common Or American Bond, Add	0.50	
			For English Bond, Add	1.00	
			For Flemish Bond, Add	2.09	
			For Stacked Bond, Add	1.47	
			For <10, Small Area Replacements (Individual Areas), Add	19.05	
			For Curved Wall, Add	2.51	
			For Corbels, Add	9.42	
			For Severe Weather (SW) Brick, Add	0.63	
			For Glazed Brick, Add	14.63	
04 21 13 00-0009	SF		Norman Size Red Brick, Running Bond.....	25.50	
			Note: Norman size brick, 3-5/8" x 2-1/4" x 11-5/8". (4.5 Bricks/SF)		
			For Buff Or Gray, Add	1.25	
			For Common Or American Bond, Add	0.72	
			For English Bond, Add	1.44	
			For Flemish Bond, Add	3.07	
			For Stacked Bond, Add	2.17	
			For <10, Small Area Replacements (Individual Areas), Add	27.35	
			For Curved Wall, Add	3.60	
			For Corbels, Add	13.49	
			For Severe Weather (SW) Brick, Add	1.13	
			For Glazed Brick, Add	26.32	
04 21 13 00-0010	SF		Roman Size Red Brick, Running Bond.....	27.08	
			Note: Roman size brick, 3-5/8" x 1-5/8" x 11-5/8". (6.0 Bricks/SF)		
			For Buff Or Gray, Add	1.52	
			For Common Or American Bond, Add	0.72	
			For English Bond, Add	1.44	
			For Flemish Bond, Add	3.15	
			For Stacked Bond, Add	2.25	
			For <10, Small Area Replacements (Individual Areas), Add	27.43	
			For Curved Wall, Add	3.60	
			For Corbels, Add	13.49	
			For Severe Weather (SW) Brick, Add	1.37	
			For Glazed Brick, Add	31.85	
04 21 13 00-0011			Fire Brick (04 21 13)		
04 21 13 00-0012	SF		Running Bond, Red Fire Brick	28.67	
			For Buff Or Gray, Add	1.78	
			For Common Or American Bond, Add	0.72	
			For English Bond, Add	1.44	
			For Flemish Bond, Add	3.23	
			For Stacked Bond, Add	2.33	
			For <10, Small Area Replacements (Individual Areas), Add	27.50	
04 21 13 00-0013			Window Sill (04 21 13)		
04 21 13 00-0014	LF		Standard Size Red Brick, Window Sill	21.37	
			Note: Standard size brick, 3-5/8" x 2-1/4" x 8", placed on edge.		
			For Buff Or Gray, Add	0.28	
04 21 13 00-0015	LF		Engineer Standard Size Red Brick, Window Sill	21.57	
			Note: Engineer standard size brick, 3-5/8" x 2-3/4" x 8", placed on edge.		
			For Buff Or Gray, Add	0.31	
04 21 13 00-0016	LF		Modular Size Red Brick, Window Sill	21.37	
			Note: Modular size brick, 3-5/8" x 2-1/4" x 7-5/8", placed on edge.		
			For Buff Or Gray, Add	0.28	
04 21 13 00-0017	LF		Engineer Modular Size Red Brick, Window Sill	21.70	
			Note: Engineer modular size brick, 3-5/8" x 2-3/4" x 7-5/8", placed on edge.		
			For Buff Or Gray, Add	0.33	
04 21 13 00-0018	LF		Economy Size Red Brick, Window Sill	22.57	
			Note: Economy size brick, 3-5/8" x 3-5/8" x 7-5/8", placed on edge.		
			For Buff Or Gray, Add	0.48	
04 21 13 00-0019	LF		Utility Size Red Brick, Window Sill	22.75	
			Note: Utility size brick, 3-5/8" x 3-5/8" x 11-5/8", placed on edge.		
			For Buff Or Gray, Add	0.51	
04 21 13 00-0020	LF		Double Utility Size Red Brick, Window Sill	22.75	
			Note: Double utility size brick, 3-5/8" x 7-5/8" x 11-5/8", placed on edge.		
			For Buff Or Gray, Add	0.51	
04 21 13 00-0021	LF		Norman Size Red Brick, Window Sill	21.81	
			Note: Norman size brick, 3-5/8" x 2-1/4" x 11-5/8", placed on edge.		
			For Buff Or Gray, Add	0.35	
04 21 13 00-0022	LF		Roman Size Red Brick, Window Sill	21.90	
			Note: Roman size brick, 3-5/8" x 1-5/8" x 11-5/8", placed on edge.		
			For Buff Or Gray, Add	0.37	
04 21 19			Clay Tile Masonry (04 21)		
04 21 19 00-0001			Scored Face, Hollow, Clay Backing Tile (04 21 19)		
04 21 19 00-0002			Load Bearing, Scored Face, Hollow, Clay Backing Tile (04 21 19 00-0001)		
04 21 19 00-0003	SF		4" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile	22.17	
			For Smooth Face, One Side, Add	1.40	
			For Smooth Face, Two Sides, Add	2.35	



Masonry			04
Unit Masonry			04 20
Clay Unit Masonry			04 21

04

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 21 19 00-0004 SF 6" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile For Smooth Face, One Side, Add For Smooth Face, Two Sides, Add	24.11 1.55 2.62	
04 21 19 00-0005 SF 8" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile For Smooth Face, One Side, Add For Smooth Face, Two Sides, Add	27.08 1.80 3.06	
04 21 19 00-0006 SF 10" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile For Smooth Face, One Side, Add For Smooth Face, Two Sides, Add	37.37 2.77 4.80	
04 21 19 00-0007 SF 12" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile For Smooth Face, One Side, Add For Smooth Face, Two Sides, Add	49.24 3.87 6.75	
04 21 19 00-0008 Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile (04 21 19 00-0001)		
04 21 19 00-0009 SF 3" Thick Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile For Smooth Face, One Side, Add For Smooth Face, Two Sides, Add	18.55 1.13 1.88	
04 21 19 00-0010 SF 4" Thick Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile For Smooth Face, One Side, Add For Smooth Face, Two Sides, Add	22.26 1.46 2.48	
04 21 19 00-0011 SF 6" Thick Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile For Smooth Face, One Side, Add For Smooth Face, Two Sides, Add	22.84 1.49 2.51	
04 21 19 00-0012 SF 8" Thick Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile For Smooth Face, One Side, Add For Smooth Face, Two Sides, Add	35.07 2.65 4.59	
04 21 19 00-0013 SF 12" Thick Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile For Smooth Face, One Side, Add For Smooth Face, Two Sides, Add	47.90 3.83 6.70	
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	30.81 1.96	
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	34.71 1.96	
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	42.68 2.05	
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	32.05 2.32	
04 21 26 00-0008 LF 2" Or 4" Cove Base 6T Series Structural Glazed Clay Tile For Stacked Bond, Add	38.56 2.32	
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	24.41 1.25	
04 21 26 00-0012 SF 4" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16" For Stacked Bond, Add	30.56 1.34	
04 21 26 00-0013 SF 6" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16" For Stacked Bond, Add	42.55 1.43	
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	33.49 1.60	
04 21 26 00-0016 LF 2" Or 4" Cove Base 8W Series Structural Glazed Clay Tile For Stacked Bond, Add	33.43 1.60	
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	32.28 1.96	
04 21 26 00-0020 SF 4" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8" For Stacked Bond, Add	34.23 1.96	
04 21 26 00-0021 SF 6" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8" For Stacked Bond, Add	42.92 2.05	
04 21 26 00-0022 Special Shapes 4W Series Structural Glazed Clay Tile (04 21 26 00-0017)		

04	04	Masonry
	04 20	Unit Masonry
	04 21	Clay Unit Masonry



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
04 21 26 00-0023	LF	Bullnose, Jamb Or Sill Shapes 4W Series Structural Glazed Clay Tile	33.24		
		<i>For Stacked Bond, Add</i>	2.32		
04 21 26 00-0024	LF	2" Or 4" Cove Base 4W Series Structural Glazed Clay Tile.....	38.45		
		<i>For Stacked Bond, Add</i>	2.32		
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	33.36		
04 21 26 00-0027	SF	6" Thick, 6T Sound Absorbing Structural Glazed Tile	36.06		
04 21 26 00-0028	SF	8" Thick, 6T Sound Absorbing Structural Glazed Tile	42.08		
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	37.72		
04 21 26 00-0031	SF	6" Thick, 8T Sound Absorbing Structural Glazed Tile	42.68		
04 21 26 00-0032	SF	8" Thick, 8T Acoustical Glazed Tile	50.58		
04 21 29		Terra Cotta Masonry (04 21)			
04 21 29 00-0001		Coping (04 21 29)			
		Note: Includes caulk and ties. Excludes drilling into existing materials or other anchoring bolts.			
04 21 29 00-0002	SF	Terra Cotta Coping	102.95		37.64
		<i>For Smooth Tile Instead Of Scored, Add</i>	3.68		
		<i>For Reinforcing With Steel Rods, Add</i>	7.19		
04 21 29 00-0003		Partition Or Back Up (Scored) (04 21 29)			
04 21 29 00-0004		Non-load Bearing, 12" x 12" (04 21 29 00-0003)			
04 21 29 00-0005	SF	3" Thick Terra Cotta, Non-Load Bearing 12" x 12" Scored Face, Back-Up Partitions.....	26.05		
		<i>For Smooth Tile Instead Of Scored, Add</i>	3.47		
		<i>For Reinforcing With Steel Rods, Add</i>	3.23		
04 21 29 00-0006	SF	4" Thick Terra Cotta, Non-Load Bearing 12" x 12" Scored Face, Back-Up Partitions.....	27.62		
		<i>For Smooth Tile Instead Of Scored, Add</i>	3.63		
		<i>For Reinforcing With Steel Rods, Add</i>	3.40		
04 21 29 00-0007	SF	6" Thick Terra Cotta, Non-Load Bearing 12" x 12" Scored Face, Back-Up Partitions.....	35.81		
		<i>For Smooth Tile Instead Of Scored, Add</i>	4.95		
		<i>For Reinforcing With Steel Rods, Add</i>	4.54		
04 21 29 00-0008	SF	8" Thick Terra Cotta, Non-Load Bearing 12" x 12" Scored Face, Back-Up Partitions.....	43.92		
		<i>For Smooth Tile Instead Of Scored, Add</i>	6.22		
		<i>For Reinforcing With Steel Rods, Add</i>	5.65		
04 21 29 00-0009		Load Bearing, 12" x 12" (04 21 29 00-0003)			
04 21 29 00-0010		In Walls (04 21 29 00-0009)			
04 21 29 00-0011	SF	4" Thick Terra Cotta, Walls 12" x 12" Load Bearing Scored Face	29.38		
		<i>For Smooth Tile Instead Of Scored, Add</i>	3.94		
		<i>For Reinforcing With Steel Rods, Add</i>	3.66		
04 21 29 00-0012	SF	6" Thick Terra Cotta, Walls 12" x 12" Load Bearing Scored Face	39.84		
		<i>For Smooth Tile Instead Of Scored, Add</i>	5.68		
		<i>For Reinforcing With Steel Rods, Add</i>	5.15		
04 21 29 00-0013	SF	8" Thick Terra Cotta, Walls 12" x 12" Load Bearing Scored Face	47.85		
		<i>For Smooth Tile Instead Of Scored, Add</i>	6.93		
		<i>For Reinforcing With Steel Rods, Add</i>	6.24		
04 21 29 00-0014	SF	10" Thick Terra Cotta, Walls 12" x 12" Load Bearing Scored Face	50.07		
		<i>For Smooth Tile Instead Of Scored, Add</i>	7.09		
		<i>For Reinforcing With Steel Rods, Add</i>	6.44		
04 21 29 00-0015	SF	12" Thick Terra Cotta, Walls 12" x 12" Load Bearing Scored Face	60.19		
		<i>For Smooth Tile Instead Of Scored, Add</i>	8.59		
		<i>For Reinforcing With Steel Rods, Add</i>	7.78		
04 21 29 00-0016		In Floors (04 21 29 00-0009)			
04 21 29 00-0017	SF	4" Thick Terra Cotta, Floors 12" x 12" Load Bearing Scored Face	26.89		
		<i>For Smooth Tile Instead Of Scored, Add</i>	3.94		
		<i>For Reinforcing With Steel Rods, Add</i>	3.53		
04 21 29 00-0018	SF	6" Thick Terra Cotta, Floors 12" x 12" Load Bearing Scored Face	37.07		
		<i>For Smooth Tile Instead Of Scored, Add</i>	5.68		
		<i>For Reinforcing With Steel Rods, Add</i>	5.01		
04 21 29 00-0019	SF	8" Thick Terra Cotta, Floors 12" x 12" Load Bearing Scored Face	45.00		
		<i>For Smooth Tile Instead Of Scored, Add</i>	6.93		
		<i>For Reinforcing With Steel Rods, Add</i>	6.10		
04 21 29 00-0020	SF	10" Thick Terra Cotta, Floors 12" x 12" Load Bearing Scored Face	46.87		
		<i>For Smooth Tile Instead Of Scored, Add</i>	7.09		
		<i>For Reinforcing With Steel Rods, Add</i>	6.28		
04 21 29 00-0021	SF	12" Thick Terra Cotta, Floors 12" x 12" Load Bearing Scored Face	56.04		
		<i>For Smooth Tile Instead Of Scored, Add</i>	8.59		
		<i>For Reinforcing With Steel Rods, Add</i>	7.58		

04 22 Concrete Unit Masonry (04 20)



Masonry			04
Unit Masonry			04 20
Concrete Unit Masonry			04 22

04

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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	11.41
	For Stacked Bond, Add	2.46
	For Scored Block, Add	0.39
	For Curved Wall Application, Add	1.89
	For <10, Small Area Replacements (Individual Areas), Add	14.35
04 22 23 13-0005	SF 6" x 8" x 16", Cored, Lightweight, Concrete Block	2.72
	For Stacked Bond, Add	2.67
	For Scored Block, Add	0.49
	For Curved Wall Application, Add	2.05
	For <10, Small Area Replacements (Individual Areas), Add	15.56
04 22 23 13-0006	SF 8" x 8" x 16", Cored, Lightweight, Concrete Block	13.78
	For Stacked Bond, Add	2.86
	For Scored Block, Add	0.55
	For Curved Wall Application, Add	2.20
	For <10, Small Area Replacements (Individual Areas), Add	16.72
04 22 23 13-0007	SF 10" x 8" x 16", Cored, Lightweight, Concrete Block	15.21
	For Stacked Bond, Add	2.99
	For Scored Block, Add	0.74
	For Curved Wall Application, Add	2.30
	For <10, Small Area Replacements (Individual Areas), Add	17.54
04 22 23 13-0008	SF 12" x 8" x 16", Cored, Lightweight, Concrete Block	18.18
	For Stacked Bond, Add	3.69
	For Scored Block, Add	0.80
	For Curved Wall Application, Add	2.84
	For <10, Small Area Replacements (Individual Areas), Add	21.60

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	12.31
	For Stacked Bond, Add	2.53
	For Scored Block, Add	0.52
	For Curved Wall Application, Add	1.94
	For <10, Small Area Replacements (Individual Areas), Add	14.77
04 22 23 13-0011	SF 6" x 8" x 16", Solid, Lightweight, Concrete Block	13.48
	For Stacked Bond, Add	2.78
	For Scored Block, Add	0.56
	For Curved Wall Application, Add	2.14
	For <10, Small Area Replacements (Individual Areas), Add	16.23
04 22 23 13-0012	SF 8" x 8" x 16", Solid, Lightweight, Concrete Block	14.24
	For Stacked Bond, Add	2.95
	For Scored Block, Add	0.58
	For Curved Wall Application, Add	2.27
	For <10, Small Area Replacements (Individual Areas), Add	17.23
04 22 23 13-0013	SF 10" x 8" x 16", Solid, Lightweight, Concrete Block	15.88
	For Stacked Bond, Add	3.09
	For Scored Block, Add	0.80
	For Curved Wall Application, Add	2.37
	For <10, Small Area Replacements (Individual Areas), Add	18.11
04 22 23 13-0014	SF 12" x 8" x 16", Solid, Lightweight, Concrete Block	18.95
	For Stacked Bond, Add	3.81
	For Scored Block, Add	0.86
	For Curved Wall Application, Add	2.93
	For <10, Small Area Replacements (Individual Areas), Add	22.33

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	11.66
	For Stacked Bond, Add	2.53
	For Scored Block, Add	0.39
	For Curved Wall Application, Add	1.94
	For <10, Small Area Replacements (Individual Areas), Add	14.73
	For 3,500 PSI, Add	0.41
	For 5,000 PSI, Add	0.70
04 22 23 13-0018	SF 6" x 8" x 16", Cored, Normal Weight, Concrete Block	12.90
	For Stacked Bond, Add	2.78
	For Scored Block, Add	0.44
	For Curved Wall Application, Add	2.14
	For <10, Small Area Replacements (Individual Areas), Add	16.19
	For 3,500 PSI, Add	0.47
	For 5,000 PSI, Add	0.80

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 13-0019 SF 8" x 8" x 16", Cored, Normal Weight, Concrete Block.....	13.90	
For Stacked Bond, Add	2.95	
For Scored Block, Add	0.51	
For Curved Wall Application, Add	2.27	
For <10, Small Area Replacements (Individual Areas), Add	17.20	
For 3,500 PSI, Add	0.54	
For 5,000 PSI, Add	0.92	
04 22 23 13-0020 SF 10" x 8" x 16", Cored, Normal Weight, Concrete Block.....	16.80	
For Stacked Bond, Add	3.09	
For Scored Block, Add	0.99	
For Curved Wall Application, Add	2.37	
For <10, Small Area Replacements (Individual Areas), Add	18.17	
For 3,500 PSI, Add	1.04	
For 5,000 PSI, Add	1.77	
04 22 23 13-0021 SF 12" x 8" x 16", Cored, Normal Weight, Concrete Block.....	19.76	
For Stacked Bond, Add	3.81	
For Scored Block, Add	1.02	
For Curved Wall Application, Add	2.93	
For <10, Small Area Replacements (Individual Areas), Add	22.39	
For 3,500 PSI, Add	1.07	
For 5,000 PSI, Add	1.83	
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.....	12.44	
For Stacked Bond, Add	2.59	
For Scored Block, Add	0.49	
For Curved Wall Application, Add	1.99	
For <10, Small Area Replacements (Individual Areas), Add	15.14	
For 3,500 PSI, Add	0.52	
For 5,000 PSI, Add	0.89	
04 22 23 13-0024 SF 6" x 8" x 16", Solid, Normal Weight, Concrete Block.....	13.29	
For Stacked Bond, Add	2.86	
For Scored Block, Add	0.46	
For Curved Wall Application, Add	2.20	
For <10, Small Area Replacements (Individual Areas), Add	16.69	
For 3,500 PSI, Add	0.48	
For 5,000 PSI, Add	0.82	
04 22 23 13-0025 SF 8" x 8" x 16", Solid, Normal Weight, Concrete Block.....	14.34	
For Stacked Bond, Add	3.04	
For Scored Block, Add	0.53	
For Curved Wall Application, Add	2.34	
For <10, Small Area Replacements (Individual Areas), Add	17.73	
For 3,500 PSI, Add	0.56	
For 5,000 PSI, Add	0.95	
04 22 23 13-0026 SF 10" x 8" x 16", Solid, Normal Weight, Concrete Block.....	15.80	
For Stacked Bond, Add	3.19	
For Scored Block, Add	0.71	
For Curved Wall Application, Add	2.45	
For <10, Small Area Replacements (Individual Areas), Add	18.66	
For 3,500 PSI, Add	0.74	
For 5,000 PSI, Add	1.27	
04 22 23 13-0027 SF 12" x 8" x 16", Solid, Normal Weight, Concrete Block.....	18.88	
For Stacked Bond, Add	3.95	
For Scored Block, Add	0.74	
For Curved Wall Application, Add	3.04	
For <10, Small Area Replacements (Individual Areas), Add	23.05	
For 3,500 PSI, Add	0.78	
For 5,000 PSI, Add	1.33	
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.....	13.29	
For Stacked Bond, Add	2.67	
For Grout And Fill With 2 #5 Rebar, Add	8.17	
For Scored Block, Add	0.61	
For Curved Wall Application, Add	2.05	
04 22 23 13-0031 LF 8" x 8" x 16", Lightweight, Bond Beam Or Lintel Concrete Block.....	14.68	
For Stacked Bond, Add	2.86	
For Grout And Fill With 2 #5 Rebar, Add	9.18	
For Scored Block, Add	0.73	
For Curved Wall Application, Add	2.20	
04 22 23 13-0032 LF 12" x 8" x 16", Lightweight, Bond Beam Or Lintel Concrete Block.....	18.11	
For Stacked Bond, Add	3.69	
For Grout And Fill With 2 #5 Rebar, Add	11.01	
For Scored Block, Add	0.78	
For Curved Wall Application, Add	2.84	
04 22 23 13-0033 Normal Weight, Bond Beam Or Lintel Concrete Blocks (04 22 23 13-0028)		
Note: Excludes concrete fill and reinforcing.		



Masonry			04
Unit Masonry			04 20
Concrete Unit Masonry			04 22

04

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23	13-0034	LF	6" x 8" x 16", Normal Weight, Bond Beam Or Lintel Concrete Block	13.28	
			For Stacked Bond, Add	2.78	
			For Grout And Fill With 2 #5 Rebar, Add	7.94	
			For Scored Block, Add	0.52	
			For Curved Wall Application, Add	2.14	
			For 3,500 PSI, Add	0.55	
			For 5,000 PSI, Add	0.94	
04 22 23	13-0035	LF	8" x 8" x 16", Normal Weight, Bond Beam Or Lintel Concrete Block	14.58	
			For Stacked Bond, Add	2.95	
			For Grout And Fill With 2 #5 Rebar, Add	8.91	
			For Scored Block, Add	0.65	
			For Curved Wall Application, Add	2.27	
			For 3,500 PSI, Add	0.68	
			For 5,000 PSI, Add	1.17	
04 22 23	13-0036	LF	12" x 8" x 16", Normal Weight, Bond Beam Or Lintel Concrete Block	18.14	
			For Stacked Bond, Add	3.81	
			For Grout And Fill With 2 #5 Rebar, Add	10.81	
			For Scored Block, Add	0.69	
			For Curved Wall Application, Add	2.93	
			For 3,500 PSI, Add	0.73	
			For 5,000 PSI, Add	1.25	
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	14.98	
			For Stacked Bond, Add	3.09	
			For Scored Block, Add	0.62	
			For Curved Wall Application, Add	2.37	
			For <10, Small Area Replacements (Individual Areas), Add	18.04	
04 22 23	23-0003	SF	6" x 8" x 16", Ground Face, Concrete Block	16.90	
			For Stacked Bond, Add	3.47	
			For Scored Block, Add	0.71	
			For Curved Wall Application, Add	2.67	
			For <10, Small Area Replacements (Individual Areas), Add	20.31	
04 22 23	23-0004	SF	8" x 8" x 16", Ground Face, Concrete Block	18.30	
			For Stacked Bond, Add	3.67	
			For Scored Block, Add	0.84	
			For Curved Wall Application, Add	2.82	
			For <10, Small Area Replacements (Individual Areas), Add	21.48	
04 22 23	23-0005	SF	10" x 8" x 16", Ground Face, Concrete Block	19.59	
			For Stacked Bond, Add	3.89	
			For Scored Block, Add	0.92	
			For Curved Wall Application, Add	2.99	
			For <10, Small Area Replacements (Individual Areas), Add	22.80	
04 22 23	23-0006	SF	12" x 8" x 16", Ground Face, Concrete Block	23.39	
			For Stacked Bond, Add	4.77	
			For Scored Block, Add	1.01	
			For Curved Wall Application, Add	3.67	
			For <10, Small Area Replacements (Individual Areas), Add	27.89	
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	20.47	
			For Stacked Bond, Add	3.09	
			For Curved Wall Application, Add	2.37	
			For <10, Small Area Replacements (Individual Areas), Add	18.45	
04 22 23	26-0003	SF	6" x 8" x 16", .45 - .55 NRC, Slotted, Acoustical Concrete Block	22.98	
			For Stacked Bond, Add	3.35	
			For Curved Wall Application, Add	2.58	
			For <10, Small Area Replacements (Individual Areas), Add	20.11	
04 22 23	26-0004	SF	8" x 8" x 16", .45 - .55 NRC, Slotted, Acoustical Concrete Block	26.53	
			For Stacked Bond, Add	3.67	
			For Curved Wall Application, Add	2.82	
			For <10, Small Area Replacements (Individual Areas), Add	22.10	
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	15.35	
			For Stacked Bond, Add	3.09	
			For Curved Wall Application, Add	2.37	
			For <10, Small Area Replacements (Individual Areas), Add	18.07	
04 22 23	29-0004	SF	6" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	17.34	
			For Stacked Bond, Add	3.47	
			For Curved Wall Application, Add	2.67	
			For <10, Small Area Replacements (Individual Areas), Add	20.34	

04	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 29-0005	SF		8" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	18.80	
			For Stacked Bond, Add	3.67	
			For Curved Wall Application, Add	2.82	
			For <10, Small Area Replacements (Individual Areas), Add	21.52	
04 22 23 29-0006	SF		10" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	20.18	
			For Stacked Bond, Add	3.89	
			For Curved Wall Application, Add	2.99	
			For <10, Small Area Replacements (Individual Areas), Add	22.85	
04 22 23 29-0007	SF		12" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	23.74	
			For Stacked Bond, Add	4.77	
			For Curved Wall Application, Add	3.67	
			For <10, Small Area Replacements (Individual Areas), Add	27.92	
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	16.22	
			For Stacked Bond, Add	3.09	
			For Grout And Fill With 2 #5 Rebar, Add	10.29	
			For Curved Wall Application, Add	2.37	
			For <10, Small Area Replacements (Individual Areas), Add	18.13	
04 22 23 29-0010	SF		6" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block	18.33	
			For Stacked Bond, Add	3.47	
			For Grout And Fill With 2 #5 Rebar, Add	11.65	
			For Curved Wall Application, Add	2.67	
			For <10, Small Area Replacements (Individual Areas), Add	20.41	
04 22 23 29-0011	SF		8" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block	19.97	
			For Stacked Bond, Add	3.67	
			For Grout And Fill With 2 #5 Rebar, Add	12.92	
			For Curved Wall Application, Add	2.82	
			For <10, Small Area Replacements (Individual Areas), Add	21.60	
04 22 23 29-0012	SF		10" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block	21.48	
			For Stacked Bond, Add	3.89	
			For Grout And Fill With 2 #5 Rebar, Add	14.00	
			For Curved Wall Application, Add	2.99	
			For <10, Small Area Replacements (Individual Areas), Add	22.94	
04 22 23 29-0013	SF		12" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block	25.09	
			For Stacked Bond, Add	4.77	
			For Grout And Fill With 2 #5 Rebar, Add	15.92	
			For Curved Wall Application, Add	3.67	
			For <10, Small Area Replacements (Individual Areas), Add	28.02	
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)					
04 22 23 29-0016	SF		4" x 8" x 16", Split Rib, Concrete Block	15.08	
			For Stacked Bond, Add	3.09	
			For Curved Wall Application, Add	2.37	
			For <10, Small Area Replacements (Individual Areas), Add	18.05	
04 22 23 29-0017	SF		6" x 8" x 16", Split Rib, Concrete Block	17.98	
			For Stacked Bond, Add	3.47	
			For Curved Wall Application, Add	2.67	
			For <10, Small Area Replacements (Individual Areas), Add	20.39	
04 22 23 29-0018	SF		8" x 8" x 16", Split Rib, Concrete Block	19.13	
			For Stacked Bond, Add	3.67	
			For Curved Wall Application, Add	2.82	
			For <10, Small Area Replacements (Individual Areas), Add	21.54	
04 22 23 29-0019	SF		10" x 8" x 16", Split Rib, Concrete Block	20.46	
			For Stacked Bond, Add	3.89	
			For Curved Wall Application, Add	2.99	
			For <10, Small Area Replacements (Individual Areas), Add	22.87	
04 22 23 29-0020	SF		12" x 8" x 16", Split Rib, Concrete Block	24.35	
			For Stacked Bond, Add	4.77	
			For Curved Wall Application, Add	3.67	
			For <10, Small Area Replacements (Individual Areas), Add	27.96	
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	26.92	
			For Stacked Bond, Add	2.99	
			For Curved Wall Application, Add	2.30	
			For <10, Small Area Replacements (Individual Areas), Add	18.42	
04 22 23 31-0004	SF		6" x 8" x 16", One Glazed Face, Concrete Block	28.81	
			For Stacked Bond, Add	3.30	
			For Curved Wall Application, Add	2.54	
			For <10, Small Area Replacements (Individual Areas), Add	20.23	
04 22 23 31-0005	SF		8" x 8" x 16", One Glazed Face, Concrete Block	30.51	
			For Stacked Bond, Add	3.47	
			For Curved Wall Application, Add	2.67	
			For <10, Small Area Replacements (Individual Areas), Add	21.33	



			Masonry	04	04
			Unit Masonry	04 20	
			Concrete Unit Masonry	04 22	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23 31-0006	SF		10" x 8" x 16", One Glazed Face, Concrete Block	32.31	
			For Stacked Bond, Add	3.67	
			For Curved Wall Application, Add	2.62	
			For <10, Small Area Replacements (Individual Areas), Add	22.53	
04 22 23 31-0007	SF		12" x 8" x 16", One Glazed Face, Concrete Block	36.36	
			For Stacked Bond, Add	4.49	
			For Curved Wall Application, Add	3.45	
			For <10, Small Area Replacements (Individual Areas), Add	27.34	
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	36.01	
			For Stacked Bond, Add	3.41	
			For Curved Wall Application, Add	2.63	
			For <10, Small Area Replacements (Individual Areas), Add	21.41	
04 22 23 31-0011	SF		6" x 8" x 16", Two Glazed Faces, Concrete Block	37.75	
			For Stacked Bond, Add	3.67	
			For Curved Wall Application, Add	2.82	
			For <10, Small Area Replacements (Individual Areas), Add	22.94	
04 22 23 31-0012	SF		8" x 8" x 16", Two Glazed Faces, Concrete Block	40.25	
			For Stacked Bond, Add	4.05	
			For Curved Wall Application, Add	3.12	
			For <10, Small Area Replacements (Individual Areas), Add	25.23	
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	58.18	
			For Solar Reflective (Suntrol) Blocks, Add	9.77	
			For Essex (Horizontal Striated) Blocks, Add	5.58	
			For Sculptured Or Patterned Blocks, Add	9.77	
			For Colored Glass, Add	27.90	
			For Thinline Block, Deduct	-6.98	
			For >1,000 To 5,000, Deduct	-4.41	
			For >5,000, Deduct	-7.31	
04 23 13 00-0003	SF		8" x 8" x 4" Plain Glass Block	42.01	
			For Solar Reflective (Suntrol) Blocks, Add	6.91	
			For Essex (Horizontal Striated) Blocks, Add	3.95	
			For Sculptured Or Patterned Blocks, Add	6.91	
			For Colored Glass, Add	19.75	
			For Thinline Block, Deduct	-4.94	
			For >1,000 To 5,000, Deduct	-3.20	
			For >5,000, Deduct	-5.30	
04 23 13 00-0004	SF		12" x 12" x 4" Plain Glass Block	45.71	
			For Solar Reflective (Suntrol) Blocks, Add	8.83	
			For Essex (Horizontal Striated) Blocks, Add	5.05	
			For Sculptured Or Patterned Blocks, Add	8.83	
			For Colored Glass, Add	25.23	
			For Thinline Block, Deduct	-6.31	
			For >1,000 To 5,000, Deduct	-3.30	
			For >5,000, Deduct	-5.58	
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®)	476.85	
04 23 13 00-0007	SF		4" x 8" x 3" Solid Glass Block (Vistabrik®)	363.67	
04 23 13 00-0008	SF		6" x 8" x 3" Solid Glass Block (Vistabrik®)	251.83	
04 23 13 00-0009	SF		8" x 8" x 3" Solid Glass Block (Vistabrik®)	176.73	
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	24.48	7.03
04 41 00 00-0003	SF		6" Thick Ashlar Veneer, Random Size, Square Cut Rough Stone	24.93	7.03
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	78.92	16.44
04 42 43 00-0003	SF		7/8" Thick Marble Facing Panels	83.80	16.64

04 Masonry**04 40 Stone Assemblies****04 42 Exterior Stone Cladding**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 42 43 00-0004	SF	1-1/2" Thick Marble Facing Panels	98.04	16.97
04 42 43 00-0005	SF	2" Thick Marble Facing Panels	108.40	17.50
04 42 43 00-0006	SF	2-1/4" Thick Marble Facing Panels	115.58	18.55
04 42 43 00-0007	CF	Marble Face Panel	497.52	60.43
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	56.67	32.98
04 42 43 00-0010	SF	2" Thick Smooth Limestone Panels	60.06	34.57
04 42 43 00-0011	SF	3" Thick Smooth Limestone Panels	63.65	36.15
04 42 43 00-0012	SF	4" Thick Smooth Limestone Panels	73.63	39.75
04 42 43 00-0013		Sandstone Panels (04 42 43)		
04 42 43 00-0014	SF	2-1/2" Thick Sandstone Panels	64.77	34.57
04 42 43 00-0015	SF	4" Thick Sandstone Panels	71.23	39.75
04 42 43 00-0016	SF	Split Face Sandstone Panels, Random Sizes	65.64	39.75
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	106.62	64.62
04 43 16 00-0004	LF	6" High Marble Base	122.12	70.39
04 43 16 00-0005		Marble Columns (04 43 16 00-0001)		
04 43 16 00-0006	CF	Plain Faced Solid Marble Columns	332.28	60.43
04 43 16 00-0007	CF	Fluted, Carved Solid Marble Columns	575.06	60.43
04 43 16 00-0008		Marble Flooring (04 43 16 00-0001)		
04 43 16 00-0009	SF	3/8" Uniform Color Marble Flooring	31.23	14.79
04 43 16 00-0010	SF	1/2" Uniform Color Marble Flooring	33.93	14.79
04 43 16 00-0011	SF	1/2" Travertine Marble Flooring	41.01	16.90
04 43 16 00-0012		Marble Items (04 43 16 00-0001)		
04 43 16 00-0013	LF	12" Wide Marble Stair Treads	89.26	23.34
04 43 16 00-0014	LF	6" Wide Marble Stair Risers	67.62	18.71
04 43 16 00-0015	LF	6" Wide x 2" Thick Marble Window Sills	39.42	13.84
04 43 16 00-0016	LF	5" Wide x 7/8" Thick Marble Window Stool, Polished	80.65	16.98
04 43 16 00-0017	SF	7/8" Thick, Non-Skid, Marble Patio Blocks	41.02	21.45
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	56.22	23.34
04 43 16 00-0021	SF	6" To 8" Thick, Pitched Face Ashlar Veneer Limestone, Random Sizes	85.29	32.06
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	27.75	8.48
04 43 16 00-0024	SF	3" Thick Limestone Coping	30.95	9.01
04 43 16 00-0025	SF	3-1/2" Thick Limestone Coping	34.17	9.55
04 43 16 00-0026	SF	4" Thick Limestone Coping	36.32	9.86
04 43 16 00-0027	SF	5" Thick Limestone Coping	41.69	10.08
04 43 16 00-0028	SF	6" Thick Limestone Coping	59.74	10.60
04 43 16 00-0029	CF	>6" Thick Limestone Coping	97.43	21.01
04 43 16 00-0030		Limestone Stair Treads (04 43 16 00-0018)		
04 43 16 00-0031	SF	2" Thick Limestone Treads	33.61	7.95
04 43 16 00-0032	SF	2-1/2" Thick Limestone Treads	35.68	8.48
04 43 16 00-0033	SF	3" Thick Limestone Treads	39.85	9.01
04 43 16 00-0034	SF	3-1/2" Thick Limestone Treads	42.96	9.55
04 43 16 00-0035	SF	4" Thick Limestone Treads	46.07	9.55
04 43 16 00-0036	SF	5" Thick Limestone Treads	50.17	10.08
04 43 16 00-0037	SF	6" Thick Limestone Tread, Smooth Finish	68.43	10.60
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	171.75	78.80



Masonry			04
Stone Assemblies			04 40
Stone Masonry			04 43

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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.....	93.60	33.19
04 43 16 00-0043	SF		7/8" Thick Gray Polished Granite Veneer Facing Panels.....	85.78	33.19
04 43 16 00-0044			Granite Stair Treads (04 43 16 00-0040)		
04 43 16 00-0045	SF		2" Thick Granite Stair Tread	54.55	7.95
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.....	58.39	33.19
04 43 16 00-0049	SF		2" Thick Slate Panels.....	67.58	33.19
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.....	26.07	13.92
04 43 16 00-0052	LF		10" Wide, 1" Thick Slate Sills Or Stools With Sand Finish.....	31.92	13.92
04 43 16 00-0053	LF		6" Wide, 2" Thick Slate Sills Or Stools With Sand Finish.....	31.09	13.92
04 43 16 00-0054	LF		10" Wide, 2" Thick Slate Sills Or Stools With Sand Finish.....	43.62	13.92
04 43 16 00-0055			Slate Stair Treads (04 43 16 00-0046)		
04 43 16 00-0056	SF		2" Thick Slate Stair Tread	39.29	7.95
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 51 00 00-0002	VLF		4" x 8" Clay Flue Liners	18.77	
04 51 00 00-0003	VLF		8" x 8" Clay Flue Liners	26.09	
04 51 00 00-0004	VLF		8" x 12" Clay Flue Liners.....	29.69	
04 51 00 00-0005	VLF		12" x 12" Clay Flue Liners.....	37.00	
04 51 00 00-0006	VLF		12" x 16" Clay Flue Liners.....	45.40	
04 51 00 00-0007	VLF		12" x 18" Clay Flue Liners.....	51.71	
04 51 00 00-0008	VLF		16" x 16" Clay Flue Liners.....	56.33	
04 51 00 00-0009	VLF		16" x 20" Clay Flue Liners.....	69.80	
04 51 00 00-0010	VLF		18" x 18" Clay Flue Liners.....	74.60	
04 51 00 00-0011	VLF		20" x 20" Clay Flue Liners.....	96.36	
04 51 00 00-0012	VLF		20" x 24" Clay Flue Liners.....	104.99	
04 51 00 00-0013	VLF		24" x 24" Clay Flue Liners.....	124.71	
04 51 00 00-0014			Round Flue Liners (04 51)		
04 51 00 00-0015	VLF		6" Diameter Clay Flue Liners	46.40	
04 51 00 00-0016	VLF		8" Diameter Clay Flue Liners	68.03	
04 51 00 00-0017	VLF		10" Diameter Clay Flue Liners	89.78	
04 51 00 00-0018	VLF		12" Diameter Clay Flue Liners	109.53	
04 51 00 00-0019	VLF		15" Diameter Clay Flue Liners	134.61	
04 51 00 00-0020	VLF		18" Diameter Clay Flue Liners	145.52	
04 51 00 00-0021	VLF		21" Diameter Clay Flue Liners	185.83	
04 51 00 00-0022	VLF		24" Diameter Clay Flue Liners	228.31	
04 51 00 00-0023	VLF		27" Diameter Clay Flue Liners	263.52	
04 51 00 00-0024	VLF		30" Diameter Clay Flue Liners	299.78	
04 51 00 00-0025	VLF		33" Diameter Clay Flue Liners	314.20	
04 51 00 00-0026	VLF		36" Diameter Clay Flue Liners	320.52	
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.....	30.56	
04 51 00 00-0029	EA		14" x 18" x 8" Concrete Block Chimney Unit.....	33.65	
04 51 00 00-0030	EA		16" x 16" x 8" Concrete Block Chimney Unit.....	33.86	
04 51 00 00-0031	EA		17" x 17" x 8" Concrete Block Chimney Unit.....	35.56	
04 51 00 00-0032	EA		16" x 20" x 8" Concrete Block Chimney Unit.....	37.48	
04 51 00 00-0033	EA		17" x 21" x 8" Concrete Block Chimney Unit.....	39.55	
04 51 00 00-0034	EA		21" x 21" x 8" Concrete Block Chimney Unit.....	44.75	

04 70 Manufactured Masonry (04)

04	04	Masonry
	04 70	Manufactured Masonry
	04 72	Cast Stone Masonry



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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	16.90		
04 72 00 00-0004	LF	6" x 8", Solid Precast Concrete Lintel	21.82		
04 72 00 00-0005	LF	8" x 8", Solid Precast Concrete Lintel	27.14		
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	18.14		
04 72 00 00-0008	LF	8" x 8", U Shaped Precast Concrete Lintel	22.15		
04 72 00 00-0009	LF	12" x 8", U Shaped Precast Concrete Lintel	37.17		
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	49.21	11.39	
04 72 00 00-0013	SF	2-1/2" Thick Precast Concrete Coping	55.40	12.26	
04 72 00 00-0014	SF	3" Thick Precast Concrete Coping	63.93	13.13	
04 72 00 00-0015	SF	3-1/2" Thick Precast Concrete Coping	68.74	14.01	
04 72 00 00-0016	SF	4" Thick Precast Concrete Coping	73.59	14.88	
04 72 00 00-0017	SF	5" Thick Precast Concrete Coping	87.43	15.76	
04 72 00 00-0018	SF	6" Thick Precast Concrete Coping	99.66	16.63	
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	36.01	8.75	
04 72 00 00-0022	LF	10" Wide Precast Concrete Window Sill	53.82	8.75	
04 72 00 00-0023	LF	14" Wide Precast Concrete Window Sill	63.48	8.75	

END OF SECTION 04



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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	11.96
	For >10 To 50, Deduct	-0.54
	For >50 To 100, Deduct	-1.10
	For >100, Deduct	-2.20
05 05 19 00-0006	EA 1/4" Diameter x 2-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	12.15
	For >10 To 50, Deduct	-0.54
	For >50 To 100, Deduct	-1.11
	For >100, Deduct	-2.21
05 05 19 00-0007	EA 1/4" Diameter x 3-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	12.56
	For >10 To 50, Deduct	-0.55
	For >50 To 100, Deduct	-1.14
	For >100, Deduct	-2.28
05 05 19 00-0008	EA 3/8" Diameter x 2-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	14.79
	For >10 To 50, Deduct	-0.65
	For >50 To 100, Deduct	-1.35
	For >100, Deduct	-2.69
05 05 19 00-0009	EA 3/8" Diameter x 2-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	14.94
	For >10 To 50, Deduct	-0.65
	For >50 To 100, Deduct	-1.35
	For >100, Deduct	-2.70
05 05 19 00-0010	EA 3/8" Diameter x 3" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	15.00
	For >10 To 50, Deduct	-0.65
	For >50 To 100, Deduct	-1.35
	For >100, Deduct	-2.70
05 05 19 00-0011	EA 3/8" Diameter x 5" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	15.56
	For >10 To 50, Deduct	-0.65
	For >50 To 100, Deduct	-1.37
	For >100, Deduct	-2.73
05 05 19 00-0012	EA 1/2" Diameter x 2-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	21.71
	For >10 To 50, Deduct	-0.93
	For >50 To 100, Deduct	-1.93
	For >100, Deduct	-3.86
05 05 19 00-0013	EA 1/2" Diameter x 3-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	21.83
	For >10 To 50, Deduct	-0.93
	For >50 To 100, Deduct	-1.93
	For >100, Deduct	-3.87
05 05 19 00-0014	EA 1/2" Diameter x 4-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	22.06
	For >10 To 50, Deduct	-0.93
	For >50 To 100, Deduct	-1.94
	For >100, Deduct	-3.88
05 05 19 00-0015	EA 1/2" Diameter x 5-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	22.69
	For >10 To 50, Deduct	-0.93
	For >50 To 100, Deduct	-1.96
	For >100, Deduct	-3.91
05 05 19 00-0016	EA 1/2" Diameter x 7" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	23.56
	For >10 To 50, Deduct	-0.93
	For >50 To 100, Deduct	-1.98
	For >100, Deduct	-3.96
05 05 19 00-0017	EA 5/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	29.28
	For >10 To 50, Deduct	-1.14
	For >50 To 100, Deduct	-2.45
	For >100, Deduct	-4.89
05 05 19 00-0018	EA 5/8" Diameter x 4-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	29.47
	For >10 To 50, Deduct	-1.14
	For >50 To 100, Deduct	-2.45
	For >100, Deduct	-4.90
05 05 19 00-0019	EA 5/8" Diameter x 5" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	29.87
	For >10 To 50, Deduct	-1.14
	For >50 To 100, Deduct	-2.46
	For >100, Deduct	-4.92
05 05 19 00-0020	EA 5/8" Diameter x 6" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	30.64
	For >10 To 50, Deduct	-1.14
	For >50 To 100, Deduct	-2.48
	For >100, Deduct	-4.96
05 05 19 00-0021	EA 5/8" Diameter x 7" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	31.42
	For >10 To 50, Deduct	-1.14
	For >50 To 100, Deduct	-2.50
	For >100, Deduct	-5.00

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	37.53	
			For >10 To 50, Deduct	-1.14	
			For >50 To 100, Deduct	-2.65	
			For >100, Deduct	-5.31	
05 05 19 00-0023	EA		5/8" Diameter x 10" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	42.78	
			For >10 To 50, Deduct	-1.14	
			For >50 To 100, Deduct	-2.78	
			For >100, Deduct	-5.57	
05 05 19 00-0024	EA		3/4" Diameter x 4-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	35.70	
			For >10 To 50, Deduct	-1.36	
			For >50 To 100, Deduct	-2.93	
			For >100, Deduct	-5.87	
05 05 19 00-0025	EA		3/4" Diameter x 4-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	35.86	
			For >10 To 50, Deduct	-1.36	
			For >50 To 100, Deduct	-2.94	
			For >100, Deduct	-5.87	
05 05 19 00-0026	EA		3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	36.80	
			For >10 To 50, Deduct	-1.36	
			For >50 To 100, Deduct	-2.96	
			For >100, Deduct	-5.92	
05 05 19 00-0027	EA		3/4" Diameter x 6-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	37.92	
			For >10 To 50, Deduct	-1.36	
			For >50 To 100, Deduct	-2.99	
			For >100, Deduct	-5.98	
05 05 19 00-0028	EA		3/4" Diameter x 7" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	39.21	
			For >10 To 50, Deduct	-1.36	
			For >50 To 100, Deduct	-3.02	
			For >100, Deduct	-6.04	
05 05 19 00-0029	EA		3/4" Diameter x 8-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	44.11	
			For >10 To 50, Deduct	-1.36	
			For >50 To 100, Deduct	-3.14	
			For >100, Deduct	-6.29	
05 05 19 00-0030	EA		3/4" Diameter x 10" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	50.63	
			For >10 To 50, Deduct	-1.36	
			For >50 To 100, Deduct	-3.31	
			For >100, Deduct	-6.61	
05 05 19 00-0031	EA		3/4" Diameter x 12" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	57.99	
			For >10 To 50, Deduct	-1.36	
			For >50 To 100, Deduct	-3.49	
			For >100, Deduct	-6.98	
05 05 19 00-0032	EA		7/8" Diameter x 6" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	53.78	
			For >10 To 50, Deduct	-1.48	
			For >50 To 100, Deduct	-3.56	
			For >100, Deduct	-7.12	
05 05 19 00-0033	EA		7/8" Diameter x 8" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	57.64	
			For >10 To 50, Deduct	-1.48	
			For >50 To 100, Deduct	-3.65	
			For >100, Deduct	-7.31	
05 05 19 00-0034	EA		7/8" Diameter x 10" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	62.77	
			For >10 To 50, Deduct	-1.48	
			For >50 To 100, Deduct	-3.78	
			For >100, Deduct	-7.57	
05 05 19 00-0035	EA		1" Diameter x 6" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	65.18	
			For >10 To 50, Deduct	-1.91	
			For >50 To 100, Deduct	-4.49	
			For >100, Deduct	-8.99	
05 05 19 00-0036	EA		1" Diameter x 9" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	72.47	
			For >10 To 50, Deduct	-1.91	
			For >50 To 100, Deduct	-4.68	
			For >100, Deduct	-9.35	
05 05 19 00-0037	EA		1" Diameter x 12" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	79.69	
			For >10 To 50, Deduct	-1.91	
			For >50 To 100, Deduct	-4.86	
			For >100, Deduct	-9.71	
05 05 19 00-0038	EA		1-1/4" Diameter x 9" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	85.64	
			For >10 To 50, Deduct	-2.45	
			For >50 To 100, Deduct	-5.81	
			For >100, Deduct	-11.62	
05 05 19 00-0039	EA		1-1/4" Diameter x 12" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	90.85	
			For >10 To 50, Deduct	-2.45	
			For >50 To 100, Deduct	-5.94	
			For >100, Deduct	-11.88	
05 05 19 00-0040			304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt (05 05 19 00-0003) 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	13.15	
			For >10 To 50, Deduct	-0.54	
			For >50 To 100, Deduct	-1.13	
			For >100, Deduct	-2.26	
05 05 19 00-0042	EA		1/4" Diameter x 2-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt	13.72	
			For >10 To 50, Deduct	-0.54	
			For >50 To 100, Deduct	-1.15	
			For >100, Deduct	-2.29	



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.....	14.35	
			For >10 To 50, Deduct	-0.55	
			For >50 To 100, Deduct	-1.18	
			For >100, Deduct	-2.37	
05 05 19 00-0044	EA	3/8"	Diameter x 2-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	17.13	
			For >10 To 50, Deduct	-0.65	
			For >50 To 100, Deduct	-1.41	
			For >100, Deduct	-2.81	
05 05 19 00-0045	EA	3/8"	Diameter x 2-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	17.62	
			For >10 To 50, Deduct	-0.65	
			For >50 To 100, Deduct	-1.42	
			For >100, Deduct	-2.84	
05 05 19 00-0046	EA	3/8"	Diameter x 3" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	17.97	
			For >10 To 50, Deduct	-0.65	
			For >50 To 100, Deduct	-1.43	
			For >100, Deduct	-2.85	
05 05 19 00-0047	EA	3/8"	Diameter x 5" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	20.63	
			For >10 To 50, Deduct	-0.65	
			For >50 To 100, Deduct	-1.49	
			For >100, Deduct	-2.99	
05 05 19 00-0048	EA	1/2"	Diameter x 2-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	27.11	
			For >10 To 50, Deduct	-0.93	
			For >50 To 100, Deduct	-2.07	
			For >100, Deduct	-4.13	
05 05 19 00-0049	EA	1/2"	Diameter x 3-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	28.03	
			For >10 To 50, Deduct	-0.93	
			For >50 To 100, Deduct	-2.09	
			For >100, Deduct	-4.18	
05 05 19 00-0050	EA	1/2"	Diameter x 4-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	28.56	
			For >10 To 50, Deduct	-0.93	
			For >50 To 100, Deduct	-2.10	
			For >100, Deduct	-4.21	
05 05 19 00-0051	EA	1/2"	Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	30.98	
			For >10 To 50, Deduct	-0.93	
			For >50 To 100, Deduct	-2.16	
			For >100, Deduct	-4.33	
05 05 19 00-0052	EA	1/2"	Diameter x 7" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	34.62	
			For >10 To 50, Deduct	-0.93	
			For >50 To 100, Deduct	-2.25	
			For >100, Deduct	-4.51	
05 05 19 00-0053	EA	5/8"	Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	40.28	
			For >10 To 50, Deduct	-1.14	
			For >50 To 100, Deduct	-2.72	
			For >100, Deduct	-5.44	
05 05 19 00-0054	EA	5/8"	Diameter x 5" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	42.65	
			For >10 To 50, Deduct	-1.14	
			For >50 To 100, Deduct	-2.78	
			For >100, Deduct	-5.56	
05 05 19 00-0055	EA	5/8"	Diameter x 6" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	45.21	
			For >10 To 50, Deduct	-1.14	
			For >50 To 100, Deduct	-2.84	
			For >100, Deduct	-5.69	
05 05 19 00-0056	EA	5/8"	Diameter x 7" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	48.60	
			For >10 To 50, Deduct	-1.14	
			For >50 To 100, Deduct	-2.93	
			For >100, Deduct	-5.86	
05 05 19 00-0057	EA	5/8"	Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	63.53	
			For >10 To 50, Deduct	-1.14	
			For >50 To 100, Deduct	-3.30	
			For >100, Deduct	-6.61	
05 05 19 00-0058	EA	3/4"	Diameter x 4-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	48.13	
			For >10 To 50, Deduct	-1.36	
			For >50 To 100, Deduct	-3.24	
			For >100, Deduct	-6.49	
05 05 19 00-0059	EA	3/4"	Diameter x 4-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	52.93	
			For >10 To 50, Deduct	-1.36	
			For >50 To 100, Deduct	-3.36	
			For >100, Deduct	-6.73	
05 05 19 00-0060	EA	3/4"	Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	57.04	
			For >10 To 50, Deduct	-1.36	
			For >50 To 100, Deduct	-3.47	
			For >100, Deduct	-6.93	
05 05 19 00-0061	EA	3/4"	Diameter x 6-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	57.54	
			For >10 To 50, Deduct	-1.36	
			For >50 To 100, Deduct	-3.48	
			For >100, Deduct	-6.96	
05 05 19 00-0062	EA	3/4"	Diameter x 7" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	61.39	
			For >10 To 50, Deduct	-1.36	
			For >50 To 100, Deduct	-3.58	
			For >100, Deduct	-7.15	
05 05 19 00-0063	EA	3/4"	Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	71.39	
			For >10 To 50, Deduct	-1.36	
			For >50 To 100, Deduct	-3.83	
			For >100, Deduct	-7.65	

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.....	85.50	
			For >10 To 50, Deduct	-1.36	
			For >50 To 100, Deduct	-4.18	
			For >100, Deduct	-8.36	
05 05 19 00-0065	EA		7/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	85.18	
			For >10 To 50, Deduct	-1.48	
			For >50 To 100, Deduct	-4.34	
			For >100, Deduct	-8.69	
05 05 19 00-0066	EA		1" Diameter x 6" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	125.51	
			For >10 To 50, Deduct	-1.91	
			For >50 To 100, Deduct	-6.00	
			For >100, Deduct	-12.01	
05 05 19 00-0067	EA		1" Diameter x 9" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	146.37	
			For >10 To 50, Deduct	-1.91	
			For >50 To 100, Deduct	-6.52	
			For >100, Deduct	-13.05	
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.....	13.64	
			For >10 To 50, Deduct	-0.54	
			For >50 To 100, Deduct	-1.14	
			For >100, Deduct	-2.29	
05 05 19 00-0070	EA		1/4" Diameter x 3-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	14.56	
			For >10 To 50, Deduct	-0.55	
			For >50 To 100, Deduct	-1.19	
			For >100, Deduct	-2.38	
05 05 19 00-0071	EA		3/8" Diameter x 2-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	18.71	
			For >10 To 50, Deduct	-0.65	
			For >50 To 100, Deduct	-1.45	
			For >100, Deduct	-2.89	
05 05 19 00-0072	EA		3/8" Diameter x 2-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	19.55	
			For >10 To 50, Deduct	-0.65	
			For >50 To 100, Deduct	-1.47	
			For >100, Deduct	-2.93	
05 05 19 00-0073	EA		3/8" Diameter x 3" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	19.77	
			For >10 To 50, Deduct	-0.65	
			For >50 To 100, Deduct	-1.47	
			For >100, Deduct	-2.94	
05 05 19 00-0074	EA		3/8" Diameter x 5" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	23.77	
			For >10 To 50, Deduct	-0.65	
			For >50 To 100, Deduct	-1.57	
			For >100, Deduct	-3.14	
05 05 19 00-0075	EA		1/2" Diameter x 2-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	30.94	
			For >10 To 50, Deduct	-0.93	
			For >50 To 100, Deduct	-2.16	
			For >100, Deduct	-4.33	
05 05 19 00-0076	EA		1/2" Diameter x 3-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	33.27	
			For >10 To 50, Deduct	-0.93	
			For >50 To 100, Deduct	-2.22	
			For >100, Deduct	-4.44	
05 05 19 00-0077	EA		1/2" Diameter x 4-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	37.49	
			For >10 To 50, Deduct	-0.93	
			For >50 To 100, Deduct	-2.33	
			For >100, Deduct	-4.65	
05 05 19 00-0078	EA		1/2" Diameter x 5-1/2" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	38.54	
			For >10 To 50, Deduct	-0.93	
			For >50 To 100, Deduct	-2.35	
			For >100, Deduct	-4.71	
05 05 19 00-0079	EA		5/8" Diameter x 5" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	53.21	
			For >10 To 50, Deduct	-1.14	
			For >50 To 100, Deduct	-3.04	
			For >100, Deduct	-6.09	
05 05 19 00-0080	EA		5/8" Diameter x 7" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	54.48	
			For >10 To 50, Deduct	-1.14	
			For >50 To 100, Deduct	-3.08	
			For >100, Deduct	-6.15	
05 05 19 00-0081	EA		3/4" Diameter x 4-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	66.22	
			For >10 To 50, Deduct	-1.36	
			For >50 To 100, Deduct	-3.70	
			For >100, Deduct	-7.39	
05 05 19 00-0082	EA		3/4" Diameter x 5-1/2" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	71.49	
			For >10 To 50, Deduct	-1.36	
			For >50 To 100, Deduct	-3.83	
			For >100, Deduct	-7.66	
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.....	24.31	
			For >10 To 50, Deduct	-0.93	
			For >50 To 100, Deduct	-2.00	
			For >100, Deduct	-3.99	



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	25.83	
			For >10 To 50, Deduct	-0.93	
			For >50 To 100, Deduct	-2.03	
			For >100, Deduct	-4.07	
05 05 19 00-0086	EA	1/2"	Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	27.36	
			For >10 To 50, Deduct	-0.93	
			For >50 To 100, Deduct	-2.07	
			For >100, Deduct	-4.15	
05 05 19 00-0087	EA	1/2"	Diameter x 7" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	28.12	
			For >10 To 50, Deduct	-0.93	
			For >50 To 100, Deduct	-2.09	
			For >100, Deduct	-4.18	
05 05 19 00-0088	EA	5/8"	Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	33.84	
			For >10 To 50, Deduct	-1.14	
			For >50 To 100, Deduct	-2.56	
			For >100, Deduct	-5.12	
05 05 19 00-0089	EA	5/8"	Diameter x 6" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	32.00	
			For >10 To 50, Deduct	-1.14	
			For >50 To 100, Deduct	-2.51	
			For >100, Deduct	-5.03	
05 05 19 00-0090	EA	3/4"	Diameter x 4-3/4" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	44.29	
			For >10 To 50, Deduct	-1.36	
			For >50 To 100, Deduct	-3.15	
			For >100, Deduct	-6.30	
05 05 19 00-0091	EA	3/4"	Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	45.97	
			For >10 To 50, Deduct	-1.36	
			For >50 To 100, Deduct	-3.19	
			For >100, Deduct	-6.38	
05 05 19 00-0092	EA	3/4"	Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	54.21	
			For >10 To 50, Deduct	-1.36	
			For >50 To 100, Deduct	-3.40	
			For >100, Deduct	-6.79	
05 05 19 00-0093	EA	1"	Diameter x 6" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	55.77	
			For >10 To 50, Deduct	-1.91	
			For >50 To 100, Deduct	-4.26	
			For >100, Deduct	-8.52	
05 05 19 00-0094	EA	1"	Diameter x 9" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	60.52	
			For >10 To 50, Deduct	-1.91	
			For >50 To 100, Deduct	-4.38	
			For >100, Deduct	-8.76	
05 05 19 00-0095	EA	1"	Diameter x 12" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	65.22	
			For >10 To 50, Deduct	-1.91	
			For >50 To 100, Deduct	-4.50	
			For >100, Deduct	-8.99	
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	11.85	
			For >10 To 50, Deduct	-0.55	
			For >50 To 100, Deduct	-1.12	
			For >100, Deduct	-2.23	
05 05 19 00-0099	EA	1/4"	Diameter x 1-3/8" Length, Zinc Plated Steel, Concrete Sleeve Anchor	12.13	
			For >10 To 50, Deduct	-0.55	
			For >50 To 100, Deduct	-1.12	
			For >100, Deduct	-2.25	
05 05 19 00-0100	EA	1/4"	Diameter x 2-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	12.47	
			For >10 To 50, Deduct	-0.55	
			For >50 To 100, Deduct	-1.13	
			For >100, Deduct	-2.26	
05 05 19 00-0101	EA	5/16"	Diameter x 1-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	12.53	
			For >10 To 50, Deduct	-0.57	
			For >50 To 100, Deduct	-1.18	
			For >100, Deduct	-2.35	
05 05 19 00-0102	EA	5/16"	Diameter x 2-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	12.79	
			For >10 To 50, Deduct	-0.57	
			For >50 To 100, Deduct	-1.18	
			For >100, Deduct	-2.36	
05 05 19 00-0103	EA	3/8"	Diameter x 1-7/8" Length, Zinc Plated Steel, Concrete Sleeve Anchor	14.20	
			For >10 To 50, Deduct	-0.65	
			For >50 To 100, Deduct	-1.33	
			For >100, Deduct	-2.66	
05 05 19 00-0104	EA	3/8"	Diameter x 3" Length, Zinc Plated Steel, Concrete Sleeve Anchor	14.67	
			For >10 To 50, Deduct	-0.65	
			For >50 To 100, Deduct	-1.34	
			For >100, Deduct	-2.69	
05 05 19 00-0105	EA	3/8"	Diameter x 4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	15.12	
			For >10 To 50, Deduct	-0.65	
			For >50 To 100, Deduct	-1.35	
			For >100, Deduct	-2.71	
05 05 19 00-0106	EA	1/2"	Diameter x 2-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	20.68	
			For >10 To 50, Deduct	-0.93	
			For >50 To 100, Deduct	-1.90	
			For >100, Deduct	-3.81	

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	21.27	
			For >10 To 50, Deduct	-0.93	
			For >50 To 100, Deduct	-1.92	
			For >100, Deduct	-3.84	
05 05 19 00-0108	EA		1/2" Diameter x 4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	21.78	
			For >10 To 50, Deduct	-0.93	
			For >50 To 100, Deduct	-1.93	
			For >100, Deduct	-3.86	
05 05 19 00-0109	EA		1/2" Diameter x 6" Length, Zinc Plated Steel, Concrete Sleeve Anchor	22.39	
			For >10 To 50, Deduct	-0.93	
			For >50 To 100, Deduct	-1.95	
			For >100, Deduct	-3.89	
05 05 19 00-0110	EA		5/8" Diameter x 2-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	26.23	
			For >10 To 50, Deduct	-1.14	
			For >50 To 100, Deduct	-2.37	
			For >100, Deduct	-4.74	
05 05 19 00-0111	EA		5/8" Diameter x 3" Length, Zinc Plated Steel, Concrete Sleeve Anchor	27.12	
			For >10 To 50, Deduct	-1.14	
			For >50 To 100, Deduct	-2.39	
			For >100, Deduct	-4.78	
05 05 19 00-0112	EA		5/8" Diameter x 4-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	27.80	
			For >10 To 50, Deduct	-1.14	
			For >50 To 100, Deduct	-2.41	
			For >100, Deduct	-4.82	
05 05 19 00-0113	EA		5/8" Diameter x 6" Length, Zinc Plated Steel, Concrete Sleeve Anchor	29.72	
			For >10 To 50, Deduct	-1.14	
			For >50 To 100, Deduct	-2.46	
			For >100, Deduct	-4.91	
05 05 19 00-0114	EA		3/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	32.83	
			For >10 To 50, Deduct	-1.36	
			For >50 To 100, Deduct	-2.86	
			For >100, Deduct	-5.72	
05 05 19 00-0115	EA		3/4" Diameter x 4-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	34.49	
			For >10 To 50, Deduct	-1.36	
			For >50 To 100, Deduct	-2.90	
			For >100, Deduct	-5.80	
05 05 19 00-0116	EA		3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	35.99	
			For >10 To 50, Deduct	-1.36	
			For >50 To 100, Deduct	-2.94	
			For >100, Deduct	-5.88	
05 05 19 00-0117	EA		3/4" Diameter x 6-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	38.38	
			For >10 To 50, Deduct	-1.36	
			For >50 To 100, Deduct	-3.00	
			For >100, Deduct	-6.00	
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	13.97	
			For >10 To 50, Deduct	-0.55	
			For >50 To 100, Deduct	-1.17	
			For >100, Deduct	-2.34	
05 05 19 00-0120	EA		3/8" Diameter x 1-7/8" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	18.67	
			For >10 To 50, Deduct	-0.65	
			For >50 To 100, Deduct	-1.44	
			For >100, Deduct	-2.89	
05 05 19 00-0121	EA		3/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	20.92	
			For >10 To 50, Deduct	-0.65	
			For >50 To 100, Deduct	-1.50	
			For >100, Deduct	-3.00	
05 05 19 00-0122	EA		1/2" Diameter x 2-1/4" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	28.11	
			For >10 To 50, Deduct	-0.93	
			For >50 To 100, Deduct	-2.09	
			For >100, Deduct	-4.18	
05 05 19 00-0123	EA		1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	32.15	
			For >10 To 50, Deduct	-0.93	
			For >50 To 100, Deduct	-2.19	
			For >100, Deduct	-4.38	
05 05 19 00-0124	EA		5/8" Diameter x 4-1/4" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	44.82	
			For >10 To 50, Deduct	-1.14	
			For >50 To 100, Deduct	-2.83	
			For >100, Deduct	-5.67	
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	13.21	
			For >10 To 50, Deduct	-0.55	
			For >50 To 100, Deduct	-1.15	
			For >100, Deduct	-2.30	
05 05 19 00-0127	EA		1/4" Diameter x 2-3/8" Length, Zinc Plated Steel, Concrete Strike Anchor	13.68	
			For >10 To 50, Deduct	-0.55	
			For >50 To 100, Deduct	-1.16	
			For >100, Deduct	-2.33	



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.....	14.21	
			For >10 To 50, Deduct	-0.57	
			For >50 To 100, Deduct	-1.22	
			For >100, Deduct	-2.43	
05 05 19 00-0129	EA		5/16" Diameter x 4" Length, Zinc Plated Steel, Concrete Strike Anchor.....	16.15	
			For >10 To 50, Deduct	-0.57	
			For >50 To 100, Deduct	-1.27	
			For >100, Deduct	-2.53	
05 05 19 00-0130	EA		3/8" Diameter x 2-3/8" Length, Zinc Plated Steel, Concrete Strike Anchor.....	16.32	
			For >10 To 50, Deduct	-0.65	
			For >50 To 100, Deduct	-1.38	
			For >100, Deduct	-2.77	
05 05 19 00-0131	EA		3/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Concrete Strike Anchor.....	17.77	
			For >10 To 50, Deduct	-0.65	
			For >50 To 100, Deduct	-1.42	
			For >100, Deduct	-2.84	
05 05 19 00-0132	EA		3/8" Diameter x 5" Length, Zinc Plated Steel, Concrete Strike Anchor.....	18.89	
			For >10 To 50, Deduct	-0.65	
			For >50 To 100, Deduct	-1.45	
			For >100, Deduct	-2.90	
05 05 19 00-0133	EA		1/2" Diameter x 2-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor.....	24.29	
			For >10 To 50, Deduct	-0.93	
			For >50 To 100, Deduct	-1.99	
			For >100, Deduct	-3.99	
05 05 19 00-0134	EA		1/2" Diameter x 3-1/2" Length, Zinc Plated Steel, Concrete Strike Anchor.....	25.16	
			For >10 To 50, Deduct	-0.93	
			For >50 To 100, Deduct	-2.02	
			For >100, Deduct	-4.03	
05 05 19 00-0135	EA		1/2" Diameter x 4-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor.....	27.71	
			For >10 To 50, Deduct	-0.93	
			For >50 To 100, Deduct	-2.08	
			For >100, Deduct	-4.16	
05 05 19 00-0136	EA		1/2" Diameter x 6" Length, Zinc Plated Steel, Concrete Strike Anchor.....	31.02	
			For >10 To 50, Deduct	-0.93	
			For >50 To 100, Deduct	-2.16	
			For >100, Deduct	-4.33	
05 05 19 00-0137	EA		5/8" Diameter x 4" Length, Zinc Plated Steel, Concrete Strike Anchor.....	33.89	
			For >10 To 50, Deduct	-1.14	
			For >50 To 100, Deduct	-2.56	
			For >100, Deduct	-5.12	
05 05 19 00-0138	EA		5/8" Diameter x 4-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor.....	36.94	
			For >10 To 50, Deduct	-1.14	
			For >50 To 100, Deduct	-2.64	
			For >100, Deduct	-5.27	
05 05 19 00-0139	EA		5/8" Diameter x 6" Length, Zinc Plated Steel, Concrete Strike Anchor.....	39.63	
			For >10 To 50, Deduct	-1.14	
			For >50 To 100, Deduct	-2.70	
			For >100, Deduct	-5.41	
05 05 19 00-0140	EA		3/4" Diameter x 5" Length, Zinc Plated Steel, Concrete Strike Anchor.....	45.55	
			For >10 To 50, Deduct	-1.36	
			For >50 To 100, Deduct	-3.18	
			For >100, Deduct	-6.36	
05 05 19 00-0141	EA		3/4" Diameter x 6" Length, Zinc Plated Steel, Concrete Strike Anchor.....	48.41	
			For >10 To 50, Deduct	-1.36	
			For >50 To 100, Deduct	-3.25	
			For >100, Deduct	-6.50	
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.....	16.46	
			For >10 To 50, Deduct	-0.76	
			For >50 To 100, Deduct	-1.55	
			For >100, Deduct	-3.11	
05 05 19 00-0145	EA		3/8" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor.....	20.17	
			For >10 To 50, Deduct	-0.93	
			For >50 To 100, Deduct	-1.90	
			For >100, Deduct	-3.80	
05 05 19 00-0146	EA		1/2" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor.....	25.29	
			For >10 To 50, Deduct	-1.09	
			For >50 To 100, Deduct	-2.27	
			For >100, Deduct	-4.55	
05 05 19 00-0147	EA		5/8" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor.....	29.43	
			For >10 To 50, Deduct	-1.20	
			For >50 To 100, Deduct	-2.54	
			For >100, Deduct	-5.08	
05 05 19 00-0148	EA		3/4" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor.....	36.58	
			For >10 To 50, Deduct	-1.37	
			For >50 To 100, Deduct	-2.97	
			For >100, Deduct	-5.93	
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	.....	20.92	
		For >10 To 50, Deduct	.....	-0.76	
		For >50 To 100, Deduct	.....	-1.67	
		For >100, Deduct	.....	-3.33	
05 05 19 00-0151	EA	3/8" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor	.....	28.76	
		For >10 To 50, Deduct	.....	-0.93	
		For >50 To 100, Deduct	.....	-2.11	
		For >100, Deduct	.....	-4.23	
05 05 19 00-0152	EA	1/2" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor	.....	36.34	
		For >10 To 50, Deduct	.....	-1.09	
		For >50 To 100, Deduct	.....	-2.55	
		For >100, Deduct	.....	-5.10	
05 05 19 00-0153	EA	5/8" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor	.....	47.25	
		For >10 To 50, Deduct	.....	-1.20	
		For >50 To 100, Deduct	.....	-2.99	
		For >100, Deduct	.....	-5.97	
05 05 19 00-0154	EA	3/4" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor	.....	67.22	
		For >10 To 50, Deduct	.....	-1.37	
		For >50 To 100, Deduct	.....	-3.73	
		For >100, Deduct	.....	-7.47	
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	.....	12.26	
		For >10 To 50, Deduct	.....	-0.55	
		For >50 To 100, Deduct	.....	-1.13	
		For >100, Deduct	.....	-2.25	
05 05 19 00-0157	EA	5/16" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	.....	13.30	
		For >10 To 50, Deduct	.....	-0.57	
		For >50 To 100, Deduct	.....	-1.19	
		For >100, Deduct	.....	-2.39	
05 05 19 00-0158	EA	3/8" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	.....	15.02	
		For >10 To 50, Deduct	.....	-0.65	
		For >50 To 100, Deduct	.....	-1.35	
		For >100, Deduct	.....	-2.70	
05 05 19 00-0159	EA	1/2" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	.....	22.39	
		For >10 To 50, Deduct	.....	-0.93	
		For >50 To 100, Deduct	.....	-1.95	
		For >100, Deduct	.....	-3.89	
05 05 19 00-0160	EA	5/8" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	.....	33.52	
		For >10 To 50, Deduct	.....	-1.14	
		For >50 To 100, Deduct	.....	-2.55	
		For >100, Deduct	.....	-5.10	
05 05 19 00-0161	EA	3/4" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor	.....	40.77	
		For >10 To 50, Deduct	.....	-1.36	
		For >50 To 100, Deduct	.....	-3.06	
		For >100, Deduct	.....	-6.12	
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	.....	11.97	
		For >10 To 50, Deduct	.....	-0.55	
		For >50 To 100, Deduct	.....	-1.12	
		For >100, Deduct	.....	-2.24	
05 05 19 00-0164	EA	5/16" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	.....	14.24	
		For >10 To 50, Deduct	.....	-0.65	
		For >50 To 100, Deduct	.....	-1.33	
		For >100, Deduct	.....	-2.66	
05 05 19 00-0165	EA	3/8" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	.....	15.07	
		For >10 To 50, Deduct	.....	-0.65	
		For >50 To 100, Deduct	.....	-1.35	
		For >100, Deduct	.....	-2.71	
05 05 19 00-0166	EA	1/2" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	.....	21.20	
		For >10 To 50, Deduct	.....	-0.93	
		For >50 To 100, Deduct	.....	-1.92	
		For >100, Deduct	.....	-3.84	
05 05 19 00-0167	EA	5/8" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	.....	31.69	
		For >10 To 50, Deduct	.....	-1.14	
		For >50 To 100, Deduct	.....	-2.51	
		For >100, Deduct	.....	-5.01	
05 05 19 00-0168	EA	3/4" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor	.....	34.19	
		For >10 To 50, Deduct	.....	-1.36	
		For >50 To 100, Deduct	.....	-2.89	
		For >100, Deduct	.....	-5.79	
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	17.44	
		For >10 To 50, Deduct	-0.60	
		For >50 To 100, Deduct	-1.34	
		For >100, Deduct	-2.68	
05 05 19 00-0172	EA	5/16" x 2-3/8" Long Chemically Adhered Anchor Rod	21.01	
		For >10 To 50, Deduct	-0.66	
		For >50 To 100, Deduct	-1.51	
		For >100, Deduct	-3.02	
05 05 19 00-0173	EA	3/8" x 2-3/4" Long Chemically Adhered Anchor Rod	25.97	
		For >10 To 50, Deduct	-0.82	
		For >50 To 100, Deduct	-1.88	
		For >100, Deduct	-3.76	
05 05 19 00-0174	EA	1/2" x 3-11/16" Long Chemically Adhered Anchor Rod	31.11	
		For >10 To 50, Deduct	-0.93	
		For >50 To 100, Deduct	-2.17	
		For >100, Deduct	-4.33	
05 05 19 00-0175	EA	1/2" x 5-1/2" Long Chemically Adhered Anchor Rod	33.98	
		For >10 To 50, Deduct	-0.93	
		For >50 To 100, Deduct	-2.24	
		For >100, Deduct	-4.47	
05 05 19 00-0176	EA	5/8" x 7" Long Chemically Adhered Anchor Rod	42.08	
		For >10 To 50, Deduct	-1.14	
		For >50 To 100, Deduct	-2.77	
		For >100, Deduct	-5.53	
05 05 19 00-0177	EA	3/4" x 9-1/2" Long Chemically Adhered Anchor Rod	56.98	
		For >10 To 50, Deduct	-1.36	
		For >50 To 100, Deduct	-3.46	
		For >100, Deduct	-6.93	
05 05 19 00-0178	EA	7/8" x 10" Long Chemically Adhered Anchor Rod	70.14	
		For >10 To 50, Deduct	-1.47	
		For >50 To 100, Deduct	-3.96	
		For >100, Deduct	-7.92	
05 05 19 00-0179	EA	1" x 11-3/4" Long Chemically Adhered Anchor Rod	97.76	
		For >10 To 50, Deduct	-1.91	
		For >50 To 100, Deduct	-5.31	
		For >100, Deduct	-10.62	
05 05 19 00-0180	EA	1-1/4" x 14" Long Chemically Adhered Anchor Rod	146.56	
		For >10 To 50, Deduct	-2.41	
		For >50 To 100, Deduct	-7.28	
		For >100, Deduct	-14.55	
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. Drill a hole 1/16" to 1/4" larger that the diameter of the thread and a depth a minimum of 4-1/2 times the diameter of the bolt. Excludes bolt, dowel or rod.		
05 05 19 00-0182	EA	1/4" Chemical Adhesive For Bolt Or Threaded Rod	12.71	
		For >10 To 50, Deduct	-0.60	
		For >50 To 100, Deduct	-1.22	
		For >100, Deduct	-2.44	
05 05 19 00-0183	EA	5/16" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	13.98	
		For >10 To 50, Deduct	-0.66	
		For >50 To 100, Deduct	-1.34	
		For >100, Deduct	-2.67	
05 05 19 00-0184	EA	3/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	16.43	
		For >10 To 50, Deduct	-0.77	
		For >50 To 100, Deduct	-1.56	
		For >100, Deduct	-3.12	
05 05 19 00-0185	EA	1/2" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	20.07	
		For >10 To 50, Deduct	-0.93	
		For >50 To 100, Deduct	-1.89	
		For >100, Deduct	-3.78	
05 05 19 00-0186	EA	5/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	23.63	
		For >10 To 50, Deduct	-0.99	
		For >50 To 100, Deduct	-2.08	
		For >100, Deduct	-4.15	
05 05 19 00-0187	EA	3/4" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	30.98	
		For >10 To 50, Deduct	-1.22	
		For >50 To 100, Deduct	-2.60	
		For >100, Deduct	-5.19	
05 05 19 00-0188	EA	7/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	34.96	
		For >10 To 50, Deduct	-1.30	
		For >50 To 100, Deduct	-2.83	
		For >100, Deduct	-5.66	
05 05 19 00-0189	EA	1" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	44.78	
		For >10 To 50, Deduct	-1.57	
		For >50 To 100, Deduct	-3.48	
		For >100, Deduct	-6.95	
05 05 19 00-0190	EA	1-1/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	50.50	
		For >10 To 50, Deduct	-1.70	
		For >50 To 100, Deduct	-3.82	
		For >100, Deduct	-7.63	
05 05 19 00-0191	EA	1-1/4" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	59.92	
		For >10 To 50, Deduct	-1.93	
		For >50 To 100, Deduct	-4.39	
		For >100, Deduct	-8.78	

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.....	68.77	
			For>10 To 50, Deduct	-2.10	
			For>50 To 100, Deduct	-4.87	
			For>100, Deduct	-9.74	
05 05 19 00-0193	EA		1-1/2" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	81.40	
			For>10 To 50, Deduct	-2.29	
			For>50 To 100, Deduct	-5.47	
			For>100, Deduct	-10.93	
05 05 19 00-0194	EA		1-3/4" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	107.23	
			For>10 To 50, Deduct	-2.69	
			For>50 To 100, Deduct	-6.71	
			For>100, Deduct	-13.42	
05 05 19 00-0195	EA		2" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	171.86	
			For>10 To 50, Deduct	-3.25	
			For>50 To 100, Deduct	-9.16	
			For>100, Deduct	-18.33	
05 05 19 00-0196			Grout Concrete Anchor Bolt Or Threaded Rod (05 05 19 00-0199)		
05 05 19 00-0197	EA		Grout Concrete Anchor Bolt or Threaded Rod.....	4.77	
			For>10 To 50, Deduct	-0.23	
			For>50 To 100, Deduct	-0.47	
			For>100, Deduct	-0.93	
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.....	11.47	
			For>10 To 50, Deduct	-0.55	
			For>50 To 100, Deduct	-1.11	
			For>100, Deduct	-2.21	
05 05 19 00-0201	EA		3/16" x 2-1/4" Tapcon Masonry Screw.....	11.62	
			For>10 To 50, Deduct	-0.55	
			For>50 To 100, Deduct	-1.11	
			For>100, Deduct	-2.22	
05 05 19 00-0202	EA		3/16" x 3-1/4" Tapcon Masonry Screw.....	11.92	
			For>10 To 50, Deduct	-0.55	
			For>50 To 100, Deduct	-1.12	
			For>100, Deduct	-2.24	
05 05 19 00-0203	EA		1/4" x 1-1/4" Tapcon Masonry Screw.....	11.64	
			For>10 To 50, Deduct	-0.55	
			For>50 To 100, Deduct	-1.11	
			For>100, Deduct	-2.22	
05 05 19 00-0204	EA		1/4" x 2-1/4" Tapcon Masonry Screw.....	11.81	
			For>10 To 50, Deduct	-0.55	
			For>50 To 100, Deduct	-1.12	
			For>100, Deduct	-2.23	
05 05 19 00-0205	EA		1/4" x 3-1/4" Tapcon Masonry Screw.....	12.18	
			For>10 To 50, Deduct	-0.55	
			For>50 To 100, Deduct	-1.13	
			For>100, Deduct	-2.25	
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.....	12.28	
			For>10 To 50, Deduct	-0.55	
			For>50 To 100, Deduct	-1.13	
			For>100, Deduct	-2.26	
05 05 19 00-0208	EA		3/8" x 2-1/2", Large Diameter, Self-Threading Concrete Fastener.....	12.77	
			For>10 To 50, Deduct	-0.55	
			For>50 To 100, Deduct	-1.14	
			For>100, Deduct	-2.28	
05 05 19 00-0209	EA		3/8" x 3", Large Diameter, Self-Threading Concrete Fastener.....	12.90	
			For>10 To 50, Deduct	-0.55	
			For>50 To 100, Deduct	-1.14	
			For>100, Deduct	-2.29	
05 05 19 00-0210	EA		3/8" x 4", Large Diameter, Self-Threading Concrete Fastener.....	13.13	
			For>10 To 50, Deduct	-0.55	
			For>50 To 100, Deduct	-1.15	
			For>100, Deduct	-2.30	
05 05 19 00-0211	EA		3/8" x 5", Large Diameter, Self-Threading Concrete Fastener.....	13.33	
			For>10 To 50, Deduct	-0.55	
			For>50 To 100, Deduct	-1.15	
			For>100, Deduct	-2.31	
05 05 19 00-0212	EA		1/2" x 3", Large Diameter, Self-Threading Concrete Fastener.....	13.75	
			For>10 To 50, Deduct	-0.55	
			For>50 To 100, Deduct	-1.16	
			For>100, Deduct	-2.33	
05 05 19 00-0213	EA		1/2" x 4", Large Diameter, Self-Threading Concrete Fastener.....	14.27	
			For>10 To 50, Deduct	-0.55	
			For>50 To 100, Deduct	-1.18	
			For>100, Deduct	-2.35	



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.....	14.75		
		For >10 To 50, Deduct	-0.55		
		For >50 To 100, Deduct	-1.19		
		For >100, Deduct	-2.38		
05 05 19 00-0215	EA	1/2" x 6", Large Diameter, Self-Threading Concrete Fastener.....	16.09		
		For >10 To 50, Deduct	-0.55		
		For >50 To 100, Deduct	-1.22		
		For >100, Deduct	-2.45		
05 05 19 00-0216	EA	5/8" x 3", Large Diameter, Self-Threading Concrete Fastener.....	16.25		
		For >10 To 50, Deduct	-0.55		
		For >50 To 100, Deduct	-1.23		
		For >100, Deduct	-2.45		
05 05 19 00-0217	EA	5/8" x 4", Large Diameter, Self-Threading Concrete Fastener.....	17.06		
		For >10 To 50, Deduct	-0.55		
		For >50 To 100, Deduct	-1.25		
		For >100, Deduct	-2.49		
05 05 19 00-0218	EA	5/8" x 5", Large Diameter, Self-Threading Concrete Fastener.....	17.90		
		For >10 To 50, Deduct	-0.55		
		For >50 To 100, Deduct	-1.27		
		For >100, Deduct	-2.54		
05 05 19 00-0219	EA	5/8" x 6", Large Diameter, Self-Threading Concrete Fastener.....	18.44		
		For >10 To 50, Deduct	-0.55		
		For >50 To 100, Deduct	-1.28		
		For >100, Deduct	-2.56		
05 05 19 00-0220	EA	3/4" x 4-1/2", Large Diameter, Self-Threading Concrete Fastener.....	18.20		
		For >10 To 50, Deduct	-0.55		
		For >50 To 100, Deduct	-1.28		
		For >100, Deduct	-2.55		
05 05 19 00-0221	EA	3/4" x 5-1/2", Large Diameter, Self-Threading Concrete Fastener.....	18.98		
		For >10 To 50, Deduct	-0.55		
		For >50 To 100, Deduct	-1.30		
		For >100, Deduct	-2.59		
05 05 19 00-0222	EA	3/4" x 6-1/4", Large Diameter, Self-Threading Concrete Fastener.....	20.79		
		For >10 To 50, Deduct	-0.55		
		For >50 To 100, Deduct	-1.34		
		For >100, Deduct	-2.68		
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.....	7.38		
		For >10 To 50, Deduct	-0.33		
		For >50 To 100, Deduct	-0.68		
		For >100, Deduct	-1.35		
05 05 19 00-0225	EA	1/4" x 1-1/4" Pin Bolt Drive.....	7.38		
		For >10 To 50, Deduct	-0.33		
		For >50 To 100, Deduct	-0.68		
		For >100, Deduct	-1.35		
05 05 19 00-0226	EA	1/4" x 1-1/2" Pin Bolt Drive.....	7.49		
		For >10 To 50, Deduct	-0.33		
		For >50 To 100, Deduct	-0.68		
		For >100, Deduct	-1.36		
05 05 19 00-0227	EA	1/4" x 2" Pin Bolt Drive.....	7.52		
		For >10 To 50, Deduct	-0.33		
		For >50 To 100, Deduct	-0.68		
		For >100, Deduct	-1.36		
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	1.98		
		For >10 To 50, Deduct	-0.07		
		For >50 To 100, Deduct	-0.16		
		For >100, Deduct	-0.32		
05 05 19 00-0230	EA	0.15" Diameter x 3/4" Length, Stud Powder Actuated Anchor	2.12		
		For >10 To 50, Deduct	-0.08		
		For >50 To 100, Deduct	-0.17		
		For >100, Deduct	-0.34		
05 05 19 00-0231	EA	0.15"/0.18" Diameter x 1" Length, Stud Powder Actuated Anchor	2.32		
		For >10 To 50, Deduct	-0.08		
		For >50 To 100, Deduct	-0.18		
		For >100, Deduct	-0.36		
05 05 19 00-0232	EA	0.15"/0.18" Diameter x 1-1/4" Length, Stud Powder Actuated Anchor.....	2.62		
		For >10 To 50, Deduct	-0.09		
		For >50 To 100, Deduct	-0.20		
		For >100, Deduct	-0.39		
05 05 19 00-0233	EA	0.15"/0.18" Diameter x 1-7/8" Length, Stud Powder Actuated Anchor.....	2.84		
		For >10 To 50, Deduct	-0.09		
		For >50 To 100, Deduct	-0.20		
		For >100, Deduct	-0.40		
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.....	2.54	
		For >10 To 50, Deduct	-0.08	
		For >50 To 100, Deduct	-0.18	
		For >100, Deduct	-0.36	
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.....	3.63	
		For >10 To 50, Deduct	-0.09	
		For >50 To 100, Deduct	-0.23	
		For >100, Deduct	-0.46	
05 05 19 00-0237		TITEN HD Screw Anchor (05 05 19)		
05 05 19 00-0238	EA	1/2" x 6" TITEN HD Screw Anchor With Stainless Steel Washer.....	38.14	
		Note: Includes drilling 1/2" diameter holes to proper depth in the edge of the concrete, removal of dust from hole, and installing self-threading screw.		
05 05 21		Fastening Methods for Metal (05 05)		
05 05 21 00-0001		Welding (05 05 21)		
05 05 21 00-0002		Minimum Charge For Welding (05 05 21 00-0001)		
05 05 21 00-0003	EA	Welding Minimum Charge.....	480.76	
		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.....	12.16	
		For Aluminum Welding, Add	1.91	
		For Stainless Steel Welding, Add	3.15	
05 05 21 00-0006	EA	>15 Spot Weldings, Welds Up To 1" Length Each.....	9.49	
		For Aluminum Welding, Add	1.51	
		For Stainless Steel Welding, Add	2.48	
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.....	7.80	
		For Aluminum Welding, Add	1.59	
		For Stainless Steel Welding, Add	2.48	
		For Up To 25, Add	2.56	
		For >25 To 50, Add	1.81	
05 05 21 00-0010	LF	3/16" Vertical Fillet Weld.....	15.09	
		For Aluminum Welding, Add	2.79	
		For Stainless Steel Welding, Add	4.43	
		For Up To 25, Add	5.06	
		For >25 To 50, Add	3.60	
05 05 21 00-0011	LF	1/4" Vertical Fillet Weld.....	22.64	
		For Aluminum Welding, Add	4.19	
		For Stainless Steel Welding, Add	6.65	
		For Up To 25, Add	7.59	
		For >25 To 50, Add	5.40	
05 05 21 00-0012	LF	5/16" Vertical Fillet Weld.....	29.87	
		For Aluminum Welding, Add	5.55	
		For Stainless Steel Welding, Add	8.80	
		For Up To 25, Add	10.01	
		For >25 To 50, Add	7.11	
05 05 21 00-0013	LF	3/8" Vertical Fillet Weld.....	37.71	
		For Aluminum Welding, Add	6.97	
		For Stainless Steel Welding, Add	11.07	
		For Up To 25, Add	12.65	
		For >25 To 50, Add	8.99	
05 05 21 00-0014	LF	7/16" Vertical Fillet Weld.....	43.81	
		For Aluminum Welding, Add	7.61	
		For Stainless Steel Welding, Add	12.25	
		For Up To 25, Add	14.90	
		For >25 To 50, Add	10.61	
05 05 21 00-0015	LF	1/2" Vertical Fillet Weld.....	51.58	
		For Aluminum Welding, Add	9.57	
		For Stainless Steel Welding, Add	15.19	
		For Up To 25, Add	17.29	
		For >25 To 50, Add	12.28	
05 05 21 00-0016	LF	9/16" Vertical Fillet Weld.....	60.25	
		For Aluminum Welding, Add	10.68	
		For Stainless Steel Welding, Add	17.12	
		For Up To 25, Add	20.40	
		For >25 To 50, Add	14.51	
05 05 21 00-0017	LF	5/8" Vertical Fillet Weld.....	69.86	
		For Aluminum Welding, Add	12.42	
		For Stainless Steel Welding, Add	19.90	
		For Up To 25, Add	23.64	
		For >25 To 50, Add	16.82	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 21 00-0018	LF	3/4"	Vertical Fillet Weld.....	94.38	
			For Aluminum Welding, Add	17.49	
			For Stainless Steel Welding, Add	27.77	
			For Up To 25, Add	31.64	
			For >25 To 50, Add	22.48	
05 05 21 00-0019	LF	7/8"	Vertical Fillet Weld.....	139.43	
			For Aluminum Welding, Add	24.63	
			For Stainless Steel Welding, Add	39.51	
			For Up To 25, Add	47.25	
			For >25 To 50, Add	33.62	
05 05 21 00-0020	LF	1"	Vertical Fillet Weld.....	188.04	
			For Aluminum Welding, Add	34.45	
			For Stainless Steel Welding, Add	54.81	
			For Up To 25, Add	63.21	
			For >25 To 50, Add	44.93	
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.....	6.58	
			For Aluminum Welding, Add	1.41	
			For Stainless Steel Welding, Add	2.17	
			For Up To 25, Add	2.13	
			For >25 To 50, Add	1.51	
05 05 21 00-0023	LF	3/16"	Horizontal Or Flat Fillet Weld.....	12.79	
			For Aluminum Welding, Add	2.46	
			For Stainless Steel Welding, Add	3.88	
			For Up To 25, Add	4.25	
			For >25 To 50, Add	3.02	
05 05 21 00-0024	LF	1/4"	Horizontal Or Flat Fillet Weld.....	19.14	
			For Aluminum Welding, Add	3.69	
			For Stainless Steel Welding, Add	5.81	
			For Up To 25, Add	6.36	
			For >25 To 50, Add	4.51	
05 05 21 00-0025	LF	5/16"	Horizontal Or Flat Fillet Weld.....	25.29	
			For Aluminum Welding, Add	4.92	
			For Stainless Steel Welding, Add	7.73	
			For Up To 25, Add	8.38	
			For >25 To 50, Add	5.95	
05 05 21 00-0026	LF	3/8"	Horizontal Or Flat Fillet Weld.....	31.92	
			For Aluminum Welding, Add	6.16	
			For Stainless Steel Welding, Add	9.69	
			For Up To 25, Add	10.60	
			For >25 To 50, Add	7.52	
05 05 21 00-0027	LF	7/16"	Horizontal Or Flat Fillet Weld.....	36.90	
			For Aluminum Welding, Add	6.63	
			For Stainless Steel Welding, Add	10.59	
			For Up To 25, Add	12.46	
			For >25 To 50, Add	8.86	
05 05 21 00-0028	LF	1/2"	Horizontal Or Flat Fillet Weld.....	43.61	
			For Aluminum Welding, Add	8.46	
			For Stainless Steel Welding, Add	13.30	
			For Up To 25, Add	14.47	
			For >25 To 50, Add	10.26	
05 05 21 00-0029	LF	9/16"	Horizontal Or Flat Fillet Weld.....	50.88	
			For Aluminum Welding, Add	9.38	
			For Stainless Steel Welding, Add	14.91	
			For Up To 25, Add	17.08	
			For >25 To 50, Add	12.14	
05 05 21 00-0030	LF	5/8"	Horizontal Or Flat Fillet Weld.....	59.29	
			For Aluminum Welding, Add	11.16	
			For Stainless Steel Welding, Add	17.66	
			For Up To 25, Add	19.81	
			For >25 To 50, Add	14.07	
05 05 21 00-0031	LF	3/4"	Horizontal Or Flat Fillet Weld.....	79.89	
			For Aluminum Welding, Add	15.49	
			For Stainless Steel Welding, Add	24.35	
			For Up To 25, Add	26.50	
			For >25 To 50, Add	18.80	
05 05 21 00-0032	LF	7/8"	Horizontal Or Flat Fillet Weld.....	116.81	
			For Aluminum Welding, Add	21.00	
			For Stainless Steel Welding, Add	33.55	
			For Up To 25, Add	39.44	
			For >25 To 50, Add	28.04	
05 05 21 00-0033	LF	1"	Horizontal Or Flat Fillet Weld.....	158.56	
			For Aluminum Welding, Add	30.32	
			For Stainless Steel Welding, Add	47.82	
			For Up To 25, Add	52.77	
			For >25 To 50, Add	37.46	

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,

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

concrete, brick or block. See CSI section 02 41 19 13-0279 for drilling into concrete, 02 41 19 13-0294 for drilling into brick or block, 02 41 19 13-0309 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 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	14.23	1.36
	For >10 To 50, Deduct	-0.57	
	For >50 To 100, Deduct	-1.21	
	For >100, Deduct	-2.41	
05 05 23 00-0005	EA 1/2" Diameter x 3" Long, Plain Finish A307B Heavy Hex Bolt	15.89	1.36
	For >10 To 50, Deduct	-0.57	
	For >50 To 100, Deduct	-1.25	
	For >100, Deduct	-2.50	
05 05 23 00-0006	EA 5/8" Diameter x 2" Long, Plain Finish A307B Heavy Hex Bolt	15.93	1.36
	For >10 To 50, Deduct	-0.57	
	For >50 To 100, Deduct	-1.25	
	For >100, Deduct	-2.50	
05 05 23 00-0007	EA 5/8" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt	19.07	1.55
	For >10 To 50, Deduct	-0.65	
	For >50 To 100, Deduct	-1.45	
	For >100, Deduct	-2.90	
05 05 23 00-0008	EA 3/4" Diameter x 2" Long, Plain Finish A307B Heavy Hex Bolt	18.72	1.36
	For >10 To 50, Deduct	-0.57	
	For >50 To 100, Deduct	-1.32	
	For >100, Deduct	-2.64	
05 05 23 00-0009	EA 3/4" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt	22.54	1.55
	For >10 To 50, Deduct	-0.65	
	For >50 To 100, Deduct	-1.53	
	For >100, Deduct	-3.07	
05 05 23 00-0010	EA 3/4" Diameter x 6" Long, Plain Finish A307B Heavy Hex Bolt	28.97	1.62
	For >10 To 50, Deduct	-0.68	
	For >50 To 100, Deduct	-1.74	
	For >100, Deduct	-3.48	
05 05 23 00-0011	EA 3/4" Diameter x 8" Long, Plain Finish A307B Heavy Hex Bolt	31.18	1.71
	For >10 To 50, Deduct	-0.71	
	For >50 To 100, Deduct	-1.85	
	For >100, Deduct	-3.70	
05 05 23 00-0012	EA 7/8" Diameter x 2" Long, Plain Finish A307B Heavy Hex Bolt	22.64	1.47
	For >10 To 50, Deduct	-0.62	
	For >50 To 100, Deduct	-1.49	
	For >100, Deduct	-2.98	
05 05 23 00-0013	EA 7/8" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt	27.52	1.62
	For >10 To 50, Deduct	-0.68	
	For >50 To 100, Deduct	-1.70	
	For >100, Deduct	-3.40	
05 05 23 00-0014	EA 1" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt	32.67	1.71
	For >10 To 50, Deduct	-0.71	
	For >50 To 100, Deduct	-1.89	
	For >100, Deduct	-3.77	
05 05 23 00-0015	EA 1" Diameter x 6" Long, Plain Finish A307B Heavy Hex Bolt	47.52	1.79
	For >10 To 50, Deduct	-0.75	
	For >50 To 100, Deduct	-2.31	
	For >100, Deduct	-4.62	
05 05 23 00-0016	EA 1-1/4" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt	55.74	2.03
	For >10 To 50, Deduct	-0.85	
	For >50 To 100, Deduct	-2.66	
	For >100, Deduct	-5.32	
05 05 23 00-0017	EA 1-1/4" Diameter x 6" Long, Plain Finish A307B Heavy Hex Bolt	62.88	2.18
	For >10 To 50, Deduct	-0.91	
	For >50 To 100, Deduct	-2.93	
	For >100, Deduct	-5.86	
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	15.04	1.36
	For >10 To 50, Deduct	-0.57	
	For >50 To 100, Deduct	-1.23	
	For >100, Deduct	-2.45	
05 05 23 00-0020	EA 1/2" Diameter x 3" Long, Galvanized A307B Heavy Hex Bolt	16.43	1.36
	For >10 To 50, Deduct	-0.57	
	For >50 To 100, Deduct	-1.26	
	For >100, Deduct	-2.52	
05 05 23 00-0021	EA 5/8" Diameter x 2" Long, Galvanized A307B Heavy Hex Bolt	17.94	1.36
	For >10 To 50, Deduct	-0.57	
	For >50 To 100, Deduct	-1.30	
	For >100, Deduct	-2.60	
05 05 23 00-0022	EA 5/8" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt	21.08	1.55
	For >10 To 50, Deduct	-0.65	
	For >50 To 100, Deduct	-1.50	
	For >100, Deduct	-3.00	
05 05 23 00-0023	EA 3/4" Diameter x 2" Long, Galvanized A307B Heavy Hex Bolt	21.01	1.36
	For >10 To 50, Deduct	-0.57	
	For >50 To 100, Deduct	-1.38	
	For >100, Deduct	-2.75	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0024	EA	3/4"	Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt.....	26.76	1.55
			For >10 To 50, Deduct	-0.65	
			For >50 To 100, Deduct	-1.64	
			For >100, Deduct	-3.28	
05 05 23 00-0025	EA	3/4"	Diameter x 6" Long, Galvanized A307B Heavy Hex Bolt.....	36.25	1.62
			For >10 To 50, Deduct	-0.68	
			For >50 To 100, Deduct	-1.92	
			For >100, Deduct	-3.84	
05 05 23 00-0026	EA	3/4"	Diameter x 8" Long, Galvanized A307B Heavy Hex Bolt.....	42.96	1.71
			For >10 To 50, Deduct	-0.71	
			For >50 To 100, Deduct	-2.14	
			For >100, Deduct	-4.29	
05 05 23 00-0027	EA	7/8"	Diameter x 2" Long, Galvanized A307B Heavy Hex Bolt.....	28.62	1.47
			For >10 To 50, Deduct	-0.62	
			For >50 To 100, Deduct	-1.64	
			For >100, Deduct	-3.28	
05 05 23 00-0028	EA	7/8"	Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt.....	34.26	1.62
			For >10 To 50, Deduct	-0.68	
			For >50 To 100, Deduct	-1.87	
			For >100, Deduct	-3.74	
05 05 23 00-0029	EA	1"	Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt.....	41.37	1.71
			For >10 To 50, Deduct	-0.71	
			For >50 To 100, Deduct	-2.10	
			For >100, Deduct	-4.21	
05 05 23 00-0030	EA	1"	Diameter x 6" Long, Galvanized A307B Heavy Hex Bolt.....	63.29	1.79
			For >10 To 50, Deduct	-0.75	
			For >50 To 100, Deduct	-2.71	
			For >100, Deduct	-5.41	
05 05 23 00-0031	EA	1-1/4"	Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt.....	62.79	2.03
			For >10 To 50, Deduct	-0.85	
			For >50 To 100, Deduct	-2.84	
			For >100, Deduct	-5.67	
05 05 23 00-0032	EA	1-1/4"	Diameter x 6" Long, Galvanized A307B Heavy Hex Bolt.....	79.22	2.18
			For >10 To 50, Deduct	-0.91	
			For >50 To 100, Deduct	-3.34	
			For >100, Deduct	-6.68	
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.....	13.84	1.36
			For >10 To 50, Deduct	-0.57	
			For >50 To 100, Deduct	-1.20	
			For >100, Deduct	-2.39	
05 05 23 00-0036	EA	1/2"	Diameter x 3" Long, Plain Finish A325 High Strength Structural Bolt.....	14.21	1.36
			For >10 To 50, Deduct	-0.57	
			For >50 To 100, Deduct	-1.21	
			For >100, Deduct	-2.41	
05 05 23 00-0037	EA	5/8"	Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt.....	15.39	1.36
			For >10 To 50, Deduct	-0.57	
			For >50 To 100, Deduct	-1.24	
			For >100, Deduct	-2.47	
05 05 23 00-0038	EA	5/8"	Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt.....	19.10	1.55
			For >10 To 50, Deduct	-0.65	
			For >50 To 100, Deduct	-1.45	
			For >100, Deduct	-2.90	
05 05 23 00-0039	EA	5/8"	Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt.....	22.48	1.62
			For >10 To 50, Deduct	-0.68	
			For >50 To 100, Deduct	-1.58	
			For >100, Deduct	-3.16	
05 05 23 00-0040	EA	3/4"	Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt.....	17.01	1.36
			For >10 To 50, Deduct	-0.57	
			For >50 To 100, Deduct	-1.28	
			For >100, Deduct	-2.55	
05 05 23 00-0041	EA	3/4"	Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt.....	20.84	1.55
			For >10 To 50, Deduct	-0.65	
			For >50 To 100, Deduct	-1.49	
			For >100, Deduct	-2.98	
05 05 23 00-0042	EA	3/4"	Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt.....	24.01	1.62
			For >10 To 50, Deduct	-0.68	
			For >50 To 100, Deduct	-1.62	
			For >100, Deduct	-3.23	
05 05 23 00-0043	EA	3/4"	Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt.....	30.14	1.71
			For >10 To 50, Deduct	-0.71	
			For >50 To 100, Deduct	-1.82	
			For >100, Deduct	-3.64	
05 05 23 00-0044	EA	7/8"	Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt.....	19.96	1.47
			For >10 To 50, Deduct	-0.62	
			For >50 To 100, Deduct	-1.42	
			For >100, Deduct	-2.84	
05 05 23 00-0045	EA	7/8"	Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt.....	24.67	1.62
			For >10 To 50, Deduct	-0.68	
			For >50 To 100, Deduct	-1.63	
			For >100, Deduct	-3.26	

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 00-0046	EA		7/8" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt.....	28.45	1.71
			For >10 To 50, Deduct	-0.71	
			For >50 To 100, Deduct	-1.78	
			For >100, Deduct	-3.56	
05 05 23 00-0047	EA		7/8" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt.....	30.94	1.79
			For >10 To 50, Deduct	-0.75	
			For >50 To 100, Deduct	-1.90	
			For >100, Deduct	-3.79	
05 05 23 00-0048	EA		1" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt.....	22.26	1.53
			For >10 To 50, Deduct	-0.64	
			For >50 To 100, Deduct	-1.52	
			For >100, Deduct	-3.03	
05 05 23 00-0049	EA		1" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt.....	27.07	1.71
			For >10 To 50, Deduct	-0.71	
			For >50 To 100, Deduct	-1.75	
			For >100, Deduct	-3.49	
05 05 23 00-0050	EA		1" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt.....	31.72	1.79
			For >10 To 50, Deduct	-0.75	
			For >50 To 100, Deduct	-1.92	
			For >100, Deduct	-3.83	
05 05 23 00-0051	EA		1" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt.....	41.43	1.91
			For >10 To 50, Deduct	-0.80	
			For >50 To 100, Deduct	-2.23	
			For >100, Deduct	-4.46	
05 05 23 00-0052	EA		1-1/4" Diameter x 3" Long, Plain Finish A325 High Strength Structural Bolt.....	39.37	1.91
			For >10 To 50, Deduct	-0.80	
			For >50 To 100, Deduct	-2.18	
			For >100, Deduct	-4.36	
05 05 23 00-0053	EA		1-1/4" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt.....	44.90	2.03
			For >10 To 50, Deduct	-0.85	
			For >50 To 100, Deduct	-2.39	
			For >100, Deduct	-4.78	
05 05 23 00-0054	EA		1-1/4" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt.....	53.13	2.18
			For >10 To 50, Deduct	-0.91	
			For >50 To 100, Deduct	-2.69	
			For >100, Deduct	-5.37	
05 05 23 00-0055	EA		1-1/4" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt.....	62.86	2.32
			For >10 To 50, Deduct	-0.97	
			For >50 To 100, Deduct	-3.02	
			For >100, Deduct	-6.04	
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.....	14.58	1.36
			For >10 To 50, Deduct	-0.57	
			For >50 To 100, Deduct	-1.22	
			For >100, Deduct	-2.43	
05 05 23 00-0058	EA		1/2" Diameter x 3" Long, Galvanized A325 High Strength Structural Bolt.....	14.84	1.36
			For >10 To 50, Deduct	-0.57	
			For >50 To 100, Deduct	-1.22	
			For >100, Deduct	-2.44	
05 05 23 00-0059	EA		5/8" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt.....	16.93	1.36
			For >10 To 50, Deduct	-0.57	
			For >50 To 100, Deduct	-1.27	
			For >100, Deduct	-2.55	
05 05 23 00-0060	EA		5/8" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt.....	20.20	1.55
			For >10 To 50, Deduct	-0.65	
			For >50 To 100, Deduct	-1.48	
			For >100, Deduct	-2.95	
05 05 23 00-0061	EA		5/8" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt.....	21.42	1.62
			For >10 To 50, Deduct	-0.68	
			For >50 To 100, Deduct	-1.55	
			For >100, Deduct	-3.10	
05 05 23 00-0062	EA		3/4" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt.....	17.73	1.36
			For >10 To 50, Deduct	-0.57	
			For >50 To 100, Deduct	-1.29	
			For >100, Deduct	-2.59	
05 05 23 00-0063	EA		3/4" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt.....	21.74	1.55
			For >10 To 50, Deduct	-0.65	
			For >50 To 100, Deduct	-1.51	
			For >100, Deduct	-3.03	
05 05 23 00-0064	EA		3/4" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt.....	25.41	1.62
			For >10 To 50, Deduct	-0.68	
			For >50 To 100, Deduct	-1.65	
			For >100, Deduct	-3.30	
05 05 23 00-0065	EA		3/4" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt.....	33.45	1.71
			For >10 To 50, Deduct	-0.71	
			For >50 To 100, Deduct	-1.91	
			For >100, Deduct	-3.81	
05 05 23 00-0066	EA		7/8" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt.....	24.23	1.47
			For >10 To 50, Deduct	-0.62	
			For >50 To 100, Deduct	-1.53	
			For >100, Deduct	-3.06	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0067	EA		7/8" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt	27.19	1.62
			For >10 To 50, Deduct	-0.68	
			For >50 To 100, Deduct	-1.69	
			For >100, Deduct	-3.39	
05 05 23 00-0068	EA		7/8" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt	31.51	1.71
			For >10 To 50, Deduct	-0.71	
			For >50 To 100, Deduct	-1.86	
			For >100, Deduct	-3.71	
05 05 23 00-0069	EA		7/8" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt	40.12	1.79
			For >10 To 50, Deduct	-0.75	
			For >50 To 100, Deduct	-2.13	
			For >100, Deduct	-4.25	
05 05 23 00-0070	EA		1" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt	25.58	1.53
			For >10 To 50, Deduct	-0.64	
			For >50 To 100, Deduct	-1.60	
			For >100, Deduct	-3.20	
05 05 23 00-0071	EA		1" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt	34.68	1.71
			For >10 To 50, Deduct	-0.71	
			For >50 To 100, Deduct	-1.94	
			For >100, Deduct	-3.87	
05 05 23 00-0072	EA		1" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt	38.10	1.79
			For >10 To 50, Deduct	-0.75	
			For >50 To 100, Deduct	-2.08	
			For >100, Deduct	-4.15	
05 05 23 00-0073	EA		1" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt	49.28	1.91
			For >10 To 50, Deduct	-0.80	
			For >50 To 100, Deduct	-2.43	
			For >100, Deduct	-4.86	
05 05 23 00-0074	EA		1-1/4" Diameter x 3" Long, Galvanized A325 High Strength Structural Bolt	48.96	1.91
			For >10 To 50, Deduct	-0.80	
			For >50 To 100, Deduct	-2.42	
			For >100, Deduct	-4.84	
05 05 23 00-0075	EA		1-1/4" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt	52.22	2.03
			For >10 To 50, Deduct	-0.85	
			For >50 To 100, Deduct	-2.57	
			For >100, Deduct	-5.15	
05 05 23 00-0076	EA		1-1/4" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt	61.53	2.18
			For >10 To 50, Deduct	-0.91	
			For >50 To 100, Deduct	-2.90	
			For >100, Deduct	-5.79	
05 05 23 00-0077	EA		1-1/4" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt	71.62	2.32
			For >10 To 50, Deduct	-0.97	
			For >50 To 100, Deduct	-3.24	
			For >100, Deduct	-6.48	
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	15.97	1.36
			For >10 To 50, Deduct	-0.57	
			For >50 To 100, Deduct	-1.25	
			For >100, Deduct	-2.50	
05 05 23 00-0081	EA		5/8" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt	23.09	1.55
			For >10 To 50, Deduct	-0.65	
			For >50 To 100, Deduct	-1.55	
			For >100, Deduct	-3.10	
05 05 23 00-0082	EA		5/8" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt	24.77	1.62
			For >10 To 50, Deduct	-0.68	
			For >50 To 100, Deduct	-1.63	
			For >100, Deduct	-3.27	
05 05 23 00-0083	EA		3/4" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt	18.22	1.36
			For >10 To 50, Deduct	-0.57	
			For >50 To 100, Deduct	-1.31	
			For >100, Deduct	-2.61	
05 05 23 00-0084	EA		3/4" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt	22.22	1.55
			For >10 To 50, Deduct	-0.65	
			For >50 To 100, Deduct	-1.53	
			For >100, Deduct	-3.05	
05 05 23 00-0085	EA		3/4" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt	26.23	1.62
			For >10 To 50, Deduct	-0.68	
			For >50 To 100, Deduct	-1.67	
			For >100, Deduct	-3.34	
05 05 23 00-0086	EA		3/4" Diameter x 8" Long, Plain Finish A490 High Strength Structural Bolt	34.45	1.71
			For >10 To 50, Deduct	-0.71	
			For >50 To 100, Deduct	-1.93	
			For >100, Deduct	-3.86	
05 05 23 00-0087	EA		7/8" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt	21.35	1.47
			For >10 To 50, Deduct	-0.62	
			For >50 To 100, Deduct	-1.46	
			For >100, Deduct	-2.91	
05 05 23 00-0088	EA		7/8" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt	25.11	1.62
			For >10 To 50, Deduct	-0.68	
			For >50 To 100, Deduct	-1.64	
			For >100, Deduct	-3.28	

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 00-0089	EA		7/8" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt.....	37.44	1.71
			For>10 To 50, Deduct	-0.71	
			For>50 To 100, Deduct	-2.00	
			For>100, Deduct	-4.01	
05 05 23 00-0090	EA		1" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt.....	25.51	1.53
			For>10 To 50, Deduct	-0.64	
			For>50 To 100, Deduct	-1.60	
			For>100, Deduct	-3.20	
05 05 23 00-0091	EA		1" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt.....	30.71	1.71
			For>10 To 50, Deduct	-0.71	
			For>50 To 100, Deduct	-1.84	
			For>100, Deduct	-3.67	
05 05 23 00-0092	EA		1" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt.....	35.65	1.79
			For>10 To 50, Deduct	-0.75	
			For>50 To 100, Deduct	-2.01	
			For>100, Deduct	-4.03	
05 05 23 00-0093	EA		1-1/4" Diameter x 3" Long, Plain Finish A490 High Strength Structural Bolt.....	45.17	1.91
			For>10 To 50, Deduct	-0.80	
			For>50 To 100, Deduct	-2.32	
			For>100, Deduct	-4.65	
05 05 23 00-0094	EA		1-1/4" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt.....	58.74	2.03
			For>10 To 50, Deduct	-0.85	
			For>50 To 100, Deduct	-2.74	
			For>100, Deduct	-5.47	
05 05 23 00-0095	EA		1-1/4" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt.....	61.75	2.18
			For>10 To 50, Deduct	-0.91	
			For>50 To 100, Deduct	-2.90	
			For>100, Deduct	-5.80	
05 05 23 00-0096	EA		1-1/4" Diameter x 8" Long, Plain Finish A490 High Strength Structural Bolt.....	64.34	2.32
			For>10 To 50, Deduct	-0.97	
			For>50 To 100, Deduct	-3.06	
			For>100, Deduct	-6.12	
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 00-0099)		
05 05 23 00-0100	EA		1/4" Diameter x 1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	6.97	
			For>100 To 250, Deduct	-1.37	
			For>250 To 500, Deduct	-1.71	
			For>500, Deduct	-2.05	
05 05 23 00-0101	EA		1/4" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.00	
			For>100 To 250, Deduct	-1.37	
			For>250 To 500, Deduct	-1.71	
			For>500, Deduct	-2.05	
05 05 23 00-0102	EA		1/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.09	
			For>100 To 250, Deduct	-1.37	
			For>250 To 500, Deduct	-1.71	
			For>500, Deduct	-2.05	
05 05 23 00-0103	EA		1/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.14	
			For>100 To 250, Deduct	-1.37	
			For>250 To 500, Deduct	-1.71	
			For>500, Deduct	-2.05	
05 05 23 00-0104	EA		1/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.39	
			For>100 To 250, Deduct	-1.41	
			For>250 To 500, Deduct	-1.76	
			For>500, Deduct	-2.11	
05 05 23 00-0105	EA		1/4" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.43	
			For>100 To 250, Deduct	-1.41	
			For>250 To 500, Deduct	-1.76	
			For>500, Deduct	-2.11	
05 05 23 00-0106	EA		1/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.57	
			For>100 To 250, Deduct	-1.41	
			For>250 To 500, Deduct	-1.76	
			For>500, Deduct	-2.11	
05 05 23 00-0107	EA		1/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.78	
			For>100 To 250, Deduct	-1.45	
			For>250 To 500, Deduct	-1.81	
			For>500, Deduct	-2.17	
05 05 23 00-0108	EA		1/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.83	
			For>100 To 250, Deduct	-1.45	
			For>250 To 500, Deduct	-1.81	
			For>500, Deduct	-2.17	
05 05 23 00-0109	EA		1/4" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.05	
			For>100 To 250, Deduct	-1.45	
			For>250 To 500, Deduct	-1.81	
			For>500, Deduct	-2.17	
05 05 23 00-0110	EA		1/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.40	
			For>100 To 250, Deduct	-1.48	
			For>250 To 500, Deduct	-1.86	
			For>500, Deduct	-2.23	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0111	EA		1/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.56	
			For >100 To 250, Deduct	-1.48	
			For >250 To 500, Deduct	-1.86	
			For >500, Deduct	-2.23	
05 05 23 00-0112	EA		1/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.79	
			For >100 To 250, Deduct	-1.48	
			For >250 To 500, Deduct	-1.86	
			For >500, Deduct	-2.23	
05 05 23 00-0113	EA		1/4" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.47	
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-1.90	
			For >500, Deduct	-2.28	
05 05 23 00-0114	EA		1/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.82	
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-1.90	
			For >500, Deduct	-2.28	
05 05 23 00-0115	EA		1/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.92	
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-1.90	
			For >500, Deduct	-2.28	
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.....	7.05	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0118	EA		5/16" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.08	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0119	EA		5/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.16	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0120	EA		5/16" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.22	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0121	EA		5/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.49	
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0122	EA		5/16" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.64	
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0123	EA		5/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.69	
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0124	EA		5/16" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.04	
			For >100 To 250, Deduct	-1.45	
			For >250 To 500, Deduct	-1.81	
			For >500, Deduct	-2.17	
05 05 23 00-0125	EA		5/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.25	
			For >100 To 250, Deduct	-1.45	
			For >250 To 500, Deduct	-1.81	
			For >500, Deduct	-2.17	
05 05 23 00-0126	EA		5/16" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.33	
			For >100 To 250, Deduct	-1.45	
			For >250 To 500, Deduct	-1.81	
			For >500, Deduct	-2.17	
05 05 23 00-0127	EA		5/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.59	
			For >100 To 250, Deduct	-1.48	
			For >250 To 500, Deduct	-1.86	
			For >500, Deduct	-2.23	
05 05 23 00-0128	EA		5/16" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.67	
			For >100 To 250, Deduct	-1.48	
			For >250 To 500, Deduct	-1.86	
			For >500, Deduct	-2.23	
05 05 23 00-0129	EA		5/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.47	
			For >100 To 250, Deduct	-1.48	
			For >250 To 500, Deduct	-1.86	
			For >500, Deduct	-2.23	
05 05 23 00-0130	EA		5/16" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.05	
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-1.90	
			For >500, Deduct	-2.28	
05 05 23 00-0131	EA		5/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.40	
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-1.90	
			For >500, Deduct	-2.28	

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 00-0132	EA		5/16" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.72	
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-1.90	
			For >500, Deduct	-2.28	
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.....	7.15	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0135	EA		3/8" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.18	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0136	EA		3/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.29	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0137	EA		3/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.39	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0138	EA		3/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.67	
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0139	EA		3/8" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.86	
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0140	EA		3/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.04	
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0141	EA		3/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.43	
			For >100 To 250, Deduct	-1.45	
			For >250 To 500, Deduct	-1.81	
			For >500, Deduct	-2.17	
05 05 23 00-0142	EA		3/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.67	
			For >100 To 250, Deduct	-1.45	
			For >250 To 500, Deduct	-1.81	
			For >500, Deduct	-2.17	
05 05 23 00-0143	EA		3/8" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.80	
			For >100 To 250, Deduct	-1.45	
			For >250 To 500, Deduct	-1.81	
			For >500, Deduct	-2.17	
05 05 23 00-0144	EA		3/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.24	
			For >100 To 250, Deduct	-1.48	
			For >250 To 500, Deduct	-1.86	
			For >500, Deduct	-2.23	
05 05 23 00-0145	EA		3/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.37	
			For >100 To 250, Deduct	-1.48	
			For >250 To 500, Deduct	-1.86	
			For >500, Deduct	-2.23	
05 05 23 00-0146	EA		3/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.47	
			For >100 To 250, Deduct	-1.48	
			For >250 To 500, Deduct	-1.86	
			For >500, Deduct	-2.23	
05 05 23 00-0147	EA		3/8" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.72	
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-1.90	
			For >500, Deduct	-2.28	
05 05 23 00-0148	EA		3/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.87	
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-1.90	
			For >500, Deduct	-2.28	
05 05 23 00-0149	EA		3/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.08	
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-1.90	
			For >500, Deduct	-2.28	
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.....	8.57	
			For >100 To 250, Deduct	-1.56	
			For >250 To 500, Deduct	-1.95	
			For >500, Deduct	-2.34	
05 05 23 00-0152	EA		7/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.72	
			For >100 To 250, Deduct	-1.56	
			For >250 To 500, Deduct	-1.95	
			For >500, Deduct	-2.34	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0153	EA	7/16" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.74		
		For >100 To 250, Deduct	-1.56		
		For >250 To 500, Deduct	-1.95		
		For >500, Deduct	-2.34		
05 05 23 00-0154	EA	7/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.13		
		For >100 To 250, Deduct	-1.60		
		For >250 To 500, Deduct	-2.00		
		For >500, Deduct	-2.40		
05 05 23 00-0155	EA	7/16" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.36		
		For >100 To 250, Deduct	-1.60		
		For >250 To 500, Deduct	-2.00		
		For >500, Deduct	-2.40		
05 05 23 00-0156	EA	7/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.54		
		For >100 To 250, Deduct	-1.60		
		For >250 To 500, Deduct	-2.00		
		For >500, Deduct	-2.40		
05 05 23 00-0157	EA	7/16" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.22		
		For >100 To 250, Deduct	-1.64		
		For >250 To 500, Deduct	-2.05		
		For >500, Deduct	-2.46		
05 05 23 00-0158	EA	7/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.36		
		For >100 To 250, Deduct	-1.64		
		For >250 To 500, Deduct	-2.05		
		For >500, Deduct	-2.46		
05 05 23 00-0159	EA	7/16" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.63		
		For >100 To 250, Deduct	-1.64		
		For >250 To 500, Deduct	-2.05		
		For >500, Deduct	-2.46		
05 05 23 00-0160	EA	7/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.29		
		For >100 To 250, Deduct	-1.68		
		For >250 To 500, Deduct	-2.10		
		For >500, Deduct	-2.52		
05 05 23 00-0161	EA	7/16" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.42		
		For >100 To 250, Deduct	-1.68		
		For >250 To 500, Deduct	-2.10		
		For >500, Deduct	-2.52		
05 05 23 00-0162	EA	7/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.76		
		For >100 To 250, Deduct	-1.68		
		For >250 To 500, Deduct	-2.10		
		For >500, Deduct	-2.52		
05 05 23 00-0163	EA	7/16" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.10		
		For >100 To 250, Deduct	-1.72		
		For >250 To 500, Deduct	-2.15		
		For >500, Deduct	-2.58		
05 05 23 00-0164	EA	7/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.41		
		For >100 To 250, Deduct	-1.72		
		For >250 To 500, Deduct	-2.15		
		For >500, Deduct	-2.58		
05 05 23 00-0165	EA	7/16" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.02		
		For >100 To 250, Deduct	-1.72		
		For >250 To 500, Deduct	-2.15		
		For >500, Deduct	-2.58		
05 05 23 00-0166		1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0098)			
05 05 23 00-0167	EA	1/2" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.44		
		For >100 To 250, Deduct	-1.56		
		For >250 To 500, Deduct	-1.95		
		For >500, Deduct	-2.34		
05 05 23 00-0168	EA	1/2" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.62		
		For >100 To 250, Deduct	-1.56		
		For >250 To 500, Deduct	-1.95		
		For >500, Deduct	-2.34		
05 05 23 00-0169	EA	1/2" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.80		
		For >100 To 250, Deduct	-1.56		
		For >250 To 500, Deduct	-1.95		
		For >500, Deduct	-2.34		
05 05 23 00-0170	EA	1/2" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.20		
		For >100 To 250, Deduct	-1.60		
		For >250 To 500, Deduct	-2.00		
		For >500, Deduct	-2.40		
05 05 23 00-0171	EA	1/2" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.38		
		For >100 To 250, Deduct	-1.60		
		For >250 To 500, Deduct	-2.00		
		For >500, Deduct	-2.40		
05 05 23 00-0172	EA	1/2" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.57		
		For >100 To 250, Deduct	-1.60		
		For >250 To 500, Deduct	-2.00		
		For >500, Deduct	-2.40		
05 05 23 00-0173	EA	1/2" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.01		
		For >100 To 250, Deduct	-1.64		
		For >250 To 500, Deduct	-2.05		
		For >500, Deduct	-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 00-0174	EA	1/2" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.22		
		For >100 To 250, Deduct	-1.64		
		For >250 To 500, Deduct	-2.05		
		For >500, Deduct	-2.46		
05 05 23 00-0175	EA	1/2" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.60		
		For >100 To 250, Deduct	-1.64		
		For >250 To 500, Deduct	-2.05		
		For >500, Deduct	-2.46		
05 05 23 00-0176	EA	1/2" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.86		
		For >100 To 250, Deduct	-1.68		
		For >250 To 500, Deduct	-2.10		
		For >500, Deduct	-2.52		
05 05 23 00-0177	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.90		
		For >100 To 250, Deduct	-1.68		
		For >250 To 500, Deduct	-2.10		
		For >500, Deduct	-2.52		
05 05 23 00-0178	EA	1/2" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.22		
		For >100 To 250, Deduct	-1.68		
		For >250 To 500, Deduct	-2.10		
		For >500, Deduct	-2.52		
05 05 23 00-0179	EA	1/2" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.70		
		For >100 To 250, Deduct	-1.72		
		For >250 To 500, Deduct	-2.15		
		For >500, Deduct	-2.58		
05 05 23 00-0180	EA	1/2" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	11.90		
		For >100 To 250, Deduct	-1.72		
		For >250 To 500, Deduct	-2.15		
		For >500, Deduct	-2.58		
05 05 23 00-0181	EA	1/2" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.45		
		For >100 To 250, Deduct	-1.72		
		For >250 To 500, Deduct	-2.15		
		For >500, Deduct	-2.58		
05 05 23 00-0182	EA	1/2" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	12.93		
		For >100 To 250, Deduct	-1.76		
		For >250 To 500, Deduct	-2.20		
		For >500, Deduct	-2.64		
05 05 23 00-0183	EA	1/2" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.13		
		For >100 To 250, Deduct	-1.76		
		For >250 To 500, Deduct	-2.20		
		For >500, Deduct	-2.64		
05 05 23 00-0184	EA	1/2" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	13.90		
		For >100 To 250, Deduct	-1.76		
		For >250 To 500, Deduct	-2.20		
		For >500, Deduct	-2.64		
05 05 23 00-0185	EA	1/2" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	14.12		
		For >100 To 250, Deduct	-1.76		
		For >250 To 500, Deduct	-2.20		
		For >500, Deduct	-2.64		
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	8.63		
		For >100 To 250, Deduct	-1.56		
		For >250 To 500, Deduct	-1.95		
		For >500, Deduct	-2.34		
05 05 23 00-0188	EA	9/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.88		
		For >100 To 250, Deduct	-1.56		
		For >250 To 500, Deduct	-1.95		
		For >500, Deduct	-2.34		
05 05 23 00-0189	EA	9/16" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	8.94		
		For >100 To 250, Deduct	-1.56		
		For >250 To 500, Deduct	-1.95		
		For >500, Deduct	-2.34		
05 05 23 00-0190	EA	9/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	9.94		
		For >100 To 250, Deduct	-1.60		
		For >250 To 500, Deduct	-2.00		
		For >500, Deduct	-2.40		
05 05 23 00-0191	EA	9/16" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.26		
		For >100 To 250, Deduct	-1.60		
		For >250 To 500, Deduct	-2.00		
		For >500, Deduct	-2.40		
05 05 23 00-0192	EA	9/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.37		
		For >100 To 250, Deduct	-1.60		
		For >250 To 500, Deduct	-2.00		
		For >500, Deduct	-2.40		
05 05 23 00-0193	EA	9/16" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.60		
		For >100 To 250, Deduct	-1.64		
		For >250 To 500, Deduct	-2.05		
		For >500, Deduct	-2.46		
05 05 23 00-0194	EA	9/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt	10.68		
		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 00-0195	EA		9/16" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.95	
			For >100 To 250, Deduct	-1.64	
			For >250 To 500, Deduct	-2.05	
			For >500, Deduct	-2.46	
05 05 23 00-0196	EA		9/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.22	
			For >100 To 250, Deduct	-1.68	
			For >250 To 500, Deduct	-2.10	
			For >500, Deduct	-2.52	
05 05 23 00-0197	EA		9/16" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.30	
			For >100 To 250, Deduct	-1.68	
			For >250 To 500, Deduct	-2.10	
			For >500, Deduct	-2.52	
05 05 23 00-0198	EA		9/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.54	
			For >100 To 250, Deduct	-1.68	
			For >250 To 500, Deduct	-2.10	
			For >500, Deduct	-2.52	
05 05 23 00-0199	EA		9/16" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.99	
			For >100 To 250, Deduct	-1.72	
			For >250 To 500, Deduct	-2.15	
			For >500, Deduct	-2.58	
05 05 23 00-0200	EA		9/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.28	
			For >100 To 250, Deduct	-1.72	
			For >250 To 500, Deduct	-2.15	
			For >500, Deduct	-2.58	
05 05 23 00-0201	EA		9/16" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.57	
			For >100 To 250, Deduct	-1.72	
			For >250 To 500, Deduct	-2.15	
			For >500, Deduct	-2.58	
05 05 23 00-0202	EA		9/16" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.03	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-0203	EA		9/16" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.37	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-0204	EA		9/16" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.60	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-0205	EA		9/16" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.95	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-0206			5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05		
			23 00-0098)		
05 05 23 00-0207	EA		5/8" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.15	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-0208	EA		5/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.32	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-0209	EA		5/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.53	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-0210	EA		5/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.01	
			For >100 To 250, Deduct	-1.80	
			For >250 To 500, Deduct	-2.25	
			For >500, Deduct	-2.69	
05 05 23 00-0211	EA		5/8" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.33	
			For >100 To 250, Deduct	-1.80	
			For >250 To 500, Deduct	-2.25	
			For >500, Deduct	-2.69	
05 05 23 00-0212	EA		5/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.73	
			For >100 To 250, Deduct	-1.80	
			For >250 To 500, Deduct	-2.25	
			For >500, Deduct	-2.69	
05 05 23 00-0213	EA		5/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.42	
			For >100 To 250, Deduct	-1.83	
			For >250 To 500, Deduct	-2.29	
			For >500, Deduct	-2.75	
05 05 23 00-0214	EA		5/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.03	
			For >100 To 250, Deduct	-1.83	
			For >250 To 500, Deduct	-2.29	
			For >500, Deduct	-2.75	
05 05 23 00-0215	EA		5/8" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.51	
			For >100 To 250, Deduct	-1.83	
			For >250 To 500, Deduct	-2.29	
			For >500, Deduct	-2.75	

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 00-0216	EA		5/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.90	
			For >100 To 250, Deduct	-1.87	
			For >250 To 500, Deduct	-2.34	
			For >500, Deduct	-2.81	
05 05 23 00-0217	EA		5/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.96	
			For >100 To 250, Deduct	-1.87	
			For >250 To 500, Deduct	-2.34	
			For >500, Deduct	-2.81	
05 05 23 00-0218	EA		5/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.77	
			For >100 To 250, Deduct	-1.87	
			For >250 To 500, Deduct	-2.34	
			For >500, Deduct	-2.81	
05 05 23 00-0219	EA		5/8" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	15.42	
			For >100 To 250, Deduct	-1.91	
			For >250 To 500, Deduct	-2.39	
			For >500, Deduct	-2.87	
05 05 23 00-0220	EA		5/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	16.06	
			For >100 To 250, Deduct	-1.91	
			For >250 To 500, Deduct	-2.39	
			For >500, Deduct	-2.87	
05 05 23 00-0221	EA		5/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	16.81	
			For >100 To 250, Deduct	-1.91	
			For >250 To 500, Deduct	-2.39	
			For >500, Deduct	-2.87	
05 05 23 00-0222	EA		5/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	17.82	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	
05 05 23 00-0223	EA		5/8" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	18.55	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	
05 05 23 00-0224	EA		5/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	19.30	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	
05 05 23 00-0225	EA		5/8" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	19.88	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	
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.....	10.70	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-0228	EA		3/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.03	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-0229	EA		3/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.34	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-0230	EA		3/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.91	
			For >100 To 250, Deduct	-1.80	
			For >250 To 500, Deduct	-2.25	
			For >500, Deduct	-2.69	
05 05 23 00-0231	EA		3/4" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.38	
			For >100 To 250, Deduct	-1.80	
			For >250 To 500, Deduct	-2.25	
			For >500, Deduct	-2.69	
05 05 23 00-0232	EA		3/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.80	
			For >100 To 250, Deduct	-1.80	
			For >250 To 500, Deduct	-2.25	
			For >500, Deduct	-2.69	
05 05 23 00-0233	EA		3/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.44	
			For >100 To 250, Deduct	-1.83	
			For >250 To 500, Deduct	-2.29	
			For >500, Deduct	-2.75	
05 05 23 00-0234	EA		3/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.02	
			For >100 To 250, Deduct	-1.83	
			For >250 To 500, Deduct	-2.29	
			For >500, Deduct	-2.75	
05 05 23 00-0235	EA		3/4" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.48	
			For >100 To 250, Deduct	-1.83	
			For >250 To 500, Deduct	-2.29	
			For >500, Deduct	-2.75	
05 05 23 00-0236	EA		3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	15.63	
			For >100 To 250, Deduct	-1.87	
			For >250 To 500, Deduct	-2.34	
			For >500, Deduct	-2.81	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0237	EA	3/4"	Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	16.01 -1.87 -2.34 -2.81	
05 05 23 00-0238	EA	3/4"	Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	16.73 -1.87 -2.34 -2.81	
05 05 23 00-0239	EA	3/4"	Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	16.96 -1.91 -2.39 -2.87	
05 05 23 00-0240	EA	3/4"	Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	18.64 -1.91 -2.39 -2.87	
05 05 23 00-0241	EA	3/4"	Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	19.42 -1.91 -2.39 -2.87	
05 05 23 00-0242	EA	3/4"	Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	20.64 -1.95 -2.44 -2.93	
05 05 23 00-0243	EA	3/4"	Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	21.42 -1.95 -2.44 -2.93	
05 05 23 00-0244	EA	3/4"	Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	22.46 -1.95 -2.44 -2.93	
05 05 23 00-0245	EA	3/4"	Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	23.47 -1.95 -2.44 -2.93	
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..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	13.42 -1.95 -2.44 -2.93	
05 05 23 00-0248	EA	7/8"	Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	13.70 -1.95 -2.44 -2.93	
05 05 23 00-0249	EA	7/8"	Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	13.84 -1.95 -2.44 -2.93	
05 05 23 00-0250	EA	7/8"	Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	14.42 -1.99 -2.49 -2.99	
05 05 23 00-0251	EA	7/8"	Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	15.18 -1.99 -2.49 -2.99	
05 05 23 00-0252	EA	7/8"	Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	16.07 -1.99 -2.49 -2.99	
05 05 23 00-0253	EA	7/8"	Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	17.00 -2.03 -2.54 -3.05	
05 05 23 00-0254	EA	7/8"	Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	18.30 -2.03 -2.54 -3.05	
05 05 23 00-0255	EA	7/8"	Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	19.02 -2.03 -2.54 -3.05	
05 05 23 00-0256	EA	7/8"	Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	19.78 -2.07 -2.59 -3.11	
05 05 23 00-0257	EA	7/8"	Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt..... For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	20.21 -2.07 -2.59 -3.11	

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 00-0258	EA	7/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	21.23	
		For>100 To 250, Deduct	-2.07	
		For>250 To 500, Deduct	-2.59	
		For>500, Deduct	-3.11	
05 05 23 00-0259	EA	7/8" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	22.45	
		For>100 To 250, Deduct	-2.11	
		For>250 To 500, Deduct	-2.64	
		For>500, Deduct	-3.16	
05 05 23 00-0260	EA	7/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	23.49	
		For>100 To 250, Deduct	-2.11	
		For>250 To 500, Deduct	-2.64	
		For>500, Deduct	-3.16	
05 05 23 00-0261	EA	7/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	24.51	
		For>100 To 250, Deduct	-2.11	
		For>250 To 500, Deduct	-2.64	
		For>500, Deduct	-3.16	
05 05 23 00-0262	EA	7/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	25.67	
		For>100 To 250, Deduct	-2.15	
		For>250 To 500, Deduct	-2.69	
		For>500, Deduct	-3.22	
05 05 23 00-0263	EA	7/8" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	26.75	
		For>100 To 250, Deduct	-2.15	
		For>250 To 500, Deduct	-2.69	
		For>500, Deduct	-3.22	
05 05 23 00-0264	EA	7/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	27.75	
		For>100 To 250, Deduct	-2.15	
		For>250 To 500, Deduct	-2.69	
		For>500, Deduct	-3.22	
05 05 23 00-0265	EA	7/8" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	28.81	
		For>100 To 250, Deduct	-2.15	
		For>250 To 500, Deduct	-2.69	
		For>500, Deduct	-3.22	
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.....	14.68	
		For>100 To 250, Deduct	-1.95	
		For>250 To 500, Deduct	-2.44	
		For>500, Deduct	-2.93	
05 05 23 00-0268	EA	1" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	16.55	
		For>100 To 250, Deduct	-1.95	
		For>250 To 500, Deduct	-2.44	
		For>500, Deduct	-2.93	
05 05 23 00-0269	EA	1" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	17.93	
		For>100 To 250, Deduct	-1.99	
		For>250 To 500, Deduct	-2.49	
		For>500, Deduct	-2.99	
05 05 23 00-0270	EA	1" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	19.41	
		For>100 To 250, Deduct	-1.99	
		For>250 To 500, Deduct	-2.49	
		For>500, Deduct	-2.99	
05 05 23 00-0271	EA	1" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	20.75	
		For>100 To 250, Deduct	-1.99	
		For>250 To 500, Deduct	-2.49	
		For>500, Deduct	-2.99	
05 05 23 00-0272	EA	1" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	22.33	
		For>100 To 250, Deduct	-2.03	
		For>250 To 500, Deduct	-2.54	
		For>500, Deduct	-3.05	
05 05 23 00-0273	EA	1" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	23.63	
		For>100 To 250, Deduct	-2.03	
		For>250 To 500, Deduct	-2.54	
		For>500, Deduct	-3.05	
05 05 23 00-0274	EA	1" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	24.97	
		For>100 To 250, Deduct	-2.03	
		For>250 To 500, Deduct	-2.54	
		For>500, Deduct	-3.05	
05 05 23 00-0275	EA	1" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	25.84	
		For>100 To 250, Deduct	-2.07	
		For>250 To 500, Deduct	-2.59	
		For>500, Deduct	-3.11	
05 05 23 00-0276	EA	1" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	26.49	
		For>100 To 250, Deduct	-2.07	
		For>250 To 500, Deduct	-2.59	
		For>500, Deduct	-3.11	
05 05 23 00-0277	EA	1" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	27.62	
		For>100 To 250, Deduct	-2.07	
		For>250 To 500, Deduct	-2.59	
		For>500, Deduct	-3.11	
05 05 23 00-0278	EA	1" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	28.93	
		For>100 To 250, Deduct	-2.11	
		For>250 To 500, Deduct	-2.64	
		For>500, Deduct	-3.16	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0279	EA	1"	Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	30.05	
			For >100 To 250, Deduct	-2.11	
			For >250 To 500, Deduct	-2.64	
			For >500, Deduct	-3.16	
05 05 23 00-0280	EA	1"	Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	31.21	
			For >100 To 250, Deduct	-2.11	
			For >250 To 500, Deduct	-2.64	
			For >500, Deduct	-3.16	
05 05 23 00-0281	EA	1"	Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	32.34	
			For >100 To 250, Deduct	-2.15	
			For >250 To 500, Deduct	-2.69	
			For >500, Deduct	-3.22	
05 05 23 00-0282	EA	1"	Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	33.65	
			For >100 To 250, Deduct	-2.15	
			For >250 To 500, Deduct	-2.69	
			For >500, Deduct	-3.22	
05 05 23 00-0283	EA	1"	Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	34.81	
			For >100 To 250, Deduct	-2.15	
			For >250 To 500, Deduct	-2.69	
			For >500, Deduct	-3.22	
05 05 23 00-0284	EA	1"	Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	35.99	
			For >100 To 250, Deduct	-2.15	
			For >250 To 500, Deduct	-2.69	
			For >500, Deduct	-3.22	
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.....	7.03	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0288	EA	1/4"	Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.09	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0289	EA	1/4"	Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.14	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0290	EA	1/4"	Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.24	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0291	EA	1/4"	Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.53	
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0292	EA	1/4"	Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.71	
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0293	EA	1/4"	Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.90	
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0294	EA	1/4"	Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.25	
			For >100 To 250, Deduct	-1.45	
			For >250 To 500, Deduct	-1.81	
			For >500, Deduct	-2.17	
05 05 23 00-0295	EA	1/4"	Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.49	
			For >100 To 250, Deduct	-1.45	
			For >250 To 500, Deduct	-1.81	
			For >500, Deduct	-2.17	
05 05 23 00-0296	EA	1/4"	Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.65	
			For >100 To 250, Deduct	-1.45	
			For >250 To 500, Deduct	-1.81	
			For >500, Deduct	-2.17	
05 05 23 00-0297	EA	1/4"	Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.01	
			For >100 To 250, Deduct	-1.48	
			For >250 To 500, Deduct	-1.86	
			For >500, Deduct	-2.23	
05 05 23 00-0298	EA	1/4"	Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.16	
			For >100 To 250, Deduct	-1.48	
			For >250 To 500, Deduct	-1.86	
			For >500, Deduct	-2.23	
05 05 23 00-0299	EA	1/4"	Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.31	
			For >100 To 250, Deduct	-1.48	
			For >250 To 500, Deduct	-1.86	
			For >500, Deduct	-2.23	
05 05 23 00-0300	EA	1/4"	Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.70	
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-1.90	
			For >500, Deduct	-2.28	

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 00-0301	EA		1/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.92	
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-1.90	
			For >500, Deduct	-2.28	
05 05 23 00-0302	EA		1/4" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	10.13	
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-1.90	
			For >500, Deduct	-2.28	
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.....	7.15	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0305	EA		5/16" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.19	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0306	EA		5/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.26	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0307	EA		5/16" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.40	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0308	EA		5/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.69	
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0309	EA		5/16" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.86	
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0310	EA		5/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.15	
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0311	EA		5/16" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.50	
			For >100 To 250, Deduct	-1.45	
			For >250 To 500, Deduct	-1.81	
			For >500, Deduct	-2.17	
05 05 23 00-0312	EA		5/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.74	
			For >100 To 250, Deduct	-1.45	
			For >250 To 500, Deduct	-1.81	
			For >500, Deduct	-2.17	
05 05 23 00-0313	EA		5/16" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.95	
			For >100 To 250, Deduct	-1.45	
			For >250 To 500, Deduct	-1.81	
			For >500, Deduct	-2.17	
05 05 23 00-0314	EA		5/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.57	
			For >100 To 250, Deduct	-1.48	
			For >250 To 500, Deduct	-1.86	
			For >500, Deduct	-2.23	
05 05 23 00-0315	EA		5/16" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.65	
			For >100 To 250, Deduct	-1.48	
			For >250 To 500, Deduct	-1.86	
			For >500, Deduct	-2.23	
05 05 23 00-0316	EA		5/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.94	
			For >100 To 250, Deduct	-1.48	
			For >250 To 500, Deduct	-1.86	
			For >500, Deduct	-2.23	
05 05 23 00-0317	EA		5/16" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	10.51	
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-1.90	
			For >500, Deduct	-2.28	
05 05 23 00-0318	EA		5/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	10.91	
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-1.90	
			For >500, Deduct	-2.28	
05 05 23 00-0319	EA		5/16" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	11.29	
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-1.90	
			For >500, Deduct	-2.28	
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.....	7.21	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0322	EA	3/8" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	7.25	
		For >100 To 250, Deduct	.....	-1.37	
		For >250 To 500, Deduct	.....	-1.71	
		For >500, Deduct	.....	-2.05	
05 05 23 00-0323	EA	3/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	7.38	
		For >100 To 250, Deduct	.....	-1.37	
		For >250 To 500, Deduct	.....	-1.71	
		For >500, Deduct	.....	-2.05	
05 05 23 00-0324	EA	3/8" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	7.52	
		For >100 To 250, Deduct	.....	-1.37	
		For >250 To 500, Deduct	.....	-1.71	
		For >500, Deduct	.....	-2.05	
05 05 23 00-0325	EA	3/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	7.87	
		For >100 To 250, Deduct	.....	-1.41	
		For >250 To 500, Deduct	.....	-1.76	
		For >500, Deduct	.....	-2.11	
05 05 23 00-0326	EA	3/8" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	8.03	
		For >100 To 250, Deduct	.....	-1.41	
		For >250 To 500, Deduct	.....	-1.76	
		For >500, Deduct	.....	-2.11	
05 05 23 00-0327	EA	3/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	8.29	
		For >100 To 250, Deduct	.....	-1.41	
		For >250 To 500, Deduct	.....	-1.76	
		For >500, Deduct	.....	-2.11	
05 05 23 00-0328	EA	3/8" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	8.77	
		For >100 To 250, Deduct	.....	-1.45	
		For >250 To 500, Deduct	.....	-1.81	
		For >500, Deduct	.....	-2.17	
05 05 23 00-0329	EA	3/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	9.38	
		For >100 To 250, Deduct	.....	-1.45	
		For >250 To 500, Deduct	.....	-1.81	
		For >500, Deduct	.....	-2.17	
05 05 23 00-0330	EA	3/8" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	9.66	
		For >100 To 250, Deduct	.....	-1.45	
		For >250 To 500, Deduct	.....	-1.81	
		For >500, Deduct	.....	-2.17	
05 05 23 00-0331	EA	3/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	10.21	
		For >100 To 250, Deduct	.....	-1.48	
		For >250 To 500, Deduct	.....	-1.86	
		For >500, Deduct	.....	-2.23	
05 05 23 00-0332	EA	3/8" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	10.47	
		For >100 To 250, Deduct	.....	-1.48	
		For >250 To 500, Deduct	.....	-1.86	
		For >500, Deduct	.....	-2.23	
05 05 23 00-0333	EA	3/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	10.93	
		For >100 To 250, Deduct	.....	-1.48	
		For >250 To 500, Deduct	.....	-1.86	
		For >500, Deduct	.....	-2.23	
05 05 23 00-0334	EA	3/8" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	11.46	
		For >100 To 250, Deduct	.....	-1.52	
		For >250 To 500, Deduct	.....	-1.90	
		For >500, Deduct	.....	-2.28	
05 05 23 00-0335	EA	3/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	12.07	
		For >100 To 250, Deduct	.....	-1.52	
		For >250 To 500, Deduct	.....	-1.90	
		For >500, Deduct	.....	-2.28	
05 05 23 00-0336	EA	3/8" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	12.56	
		For >100 To 250, Deduct	.....	-1.52	
		For >250 To 500, Deduct	.....	-1.90	
		For >500, Deduct	.....	-2.28	
05 05 23 00-0337		7/16" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts	(05 05 23 00-0285)	8.46	
05 05 23 00-0338	EA	7/16" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	8.46	
		For >100 To 250, Deduct	.....	-1.56	
		For >250 To 500, Deduct	.....	-1.95	
		For >500, Deduct	.....	-2.34	
05 05 23 00-0339	EA	7/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	8.58	
		For >100 To 250, Deduct	.....	-1.56	
		For >250 To 500, Deduct	.....	-1.95	
		For >500, Deduct	.....	-2.34	
05 05 23 00-0340	EA	7/16" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	8.90	
		For >100 To 250, Deduct	.....	-1.56	
		For >250 To 500, Deduct	.....	-1.95	
		For >500, Deduct	.....	-2.34	
05 05 23 00-0341	EA	7/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	9.33	
		For >100 To 250, Deduct	.....	-1.60	
		For >250 To 500, Deduct	.....	-2.00	
		For >500, Deduct	.....	-2.40	
05 05 23 00-0342	EA	7/16" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	9.56	
		For >100 To 250, Deduct	.....	-1.60	
		For >250 To 500, Deduct	.....	-2.00	
		For >500, Deduct	.....	-2.40	

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 00-0343	EA		7/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.77	
			For>100 To 250, Deduct	-1.60	
			For>250 To 500, Deduct	-2.00	
			For>500, Deduct	-2.40	
05 05 23 00-0344	EA		7/16" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	10.24	
			For>100 To 250, Deduct	-1.64	
			For>250 To 500, Deduct	-2.05	
			For>500, Deduct	-2.46	
05 05 23 00-0345	EA		7/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	11.44	
			For>100 To 250, Deduct	-1.64	
			For>250 To 500, Deduct	-2.05	
			For>500, Deduct	-2.46	
05 05 23 00-0346	EA		7/16" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	11.98	
			For>100 To 250, Deduct	-1.64	
			For>250 To 500, Deduct	-2.05	
			For>500, Deduct	-2.46	
05 05 23 00-0347	EA		7/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	12.35	
			For>100 To 250, Deduct	-1.68	
			For>250 To 500, Deduct	-2.10	
			For>500, Deduct	-2.52	
05 05 23 00-0348	EA		7/16" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	12.60	
			For>100 To 250, Deduct	-1.68	
			For>250 To 500, Deduct	-2.10	
			For>500, Deduct	-2.52	
05 05 23 00-0349	EA		7/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	12.86	
			For>100 To 250, Deduct	-1.68	
			For>250 To 500, Deduct	-2.10	
			For>500, Deduct	-2.52	
05 05 23 00-0350	EA		7/16" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	13.40	
			For>100 To 250, Deduct	-1.72	
			For>250 To 500, Deduct	-2.15	
			For>500, Deduct	-2.58	
05 05 23 00-0351	EA		7/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	13.75	
			For>100 To 250, Deduct	-1.72	
			For>250 To 500, Deduct	-2.15	
			For>500, Deduct	-2.58	
05 05 23 00-0352	EA		7/16" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	14.10	
			For>100 To 250, Deduct	-1.72	
			For>250 To 500, Deduct	-2.15	
			For>500, Deduct	-2.58	
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.....	8.62	
			For>100 To 250, Deduct	-1.56	
			For>250 To 500, Deduct	-1.95	
			For>500, Deduct	-2.34	
05 05 23 00-0355	EA		1/2" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.79	
			For>100 To 250, Deduct	-1.56	
			For>250 To 500, Deduct	-1.95	
			For>500, Deduct	-2.34	
05 05 23 00-0356	EA		1/2" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.97	
			For>100 To 250, Deduct	-1.56	
			For>250 To 500, Deduct	-1.95	
			For>500, Deduct	-2.34	
05 05 23 00-0357	EA		1/2" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.45	
			For>100 To 250, Deduct	-1.60	
			For>250 To 500, Deduct	-2.00	
			For>500, Deduct	-2.40	
05 05 23 00-0358	EA		1/2" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.72	
			For>100 To 250, Deduct	-1.60	
			For>250 To 500, Deduct	-2.00	
			For>500, Deduct	-2.40	
05 05 23 00-0359	EA		1/2" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	10.02	
			For>100 To 250, Deduct	-1.60	
			For>250 To 500, Deduct	-2.00	
			For>500, Deduct	-2.40	
05 05 23 00-0360	EA		1/2" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	10.46	
			For>100 To 250, Deduct	-1.64	
			For>250 To 500, Deduct	-2.05	
			For>500, Deduct	-2.46	
05 05 23 00-0361	EA		1/2" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	11.41	
			For>100 To 250, Deduct	-1.64	
			For>250 To 500, Deduct	-2.05	
			For>500, Deduct	-2.46	
05 05 23 00-0362	EA		1/2" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	11.47	
			For>100 To 250, Deduct	-1.64	
			For>250 To 500, Deduct	-2.05	
			For>500, Deduct	-2.46	
05 05 23 00-0363	EA		1/2" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	12.32	
			For>100 To 250, Deduct	-1.68	
			For>250 To 500, Deduct	-2.10	
			For>500, Deduct	-2.52	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0364	EA	1/2"	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>	12.69 -1.68 -2.10 -2.52	
05 05 23 00-0365	EA	1/2"	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>	13.64 -1.68 -2.10 -2.52	
05 05 23 00-0366	EA	1/2"	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>	14.68 -1.72 -2.15 -2.58	
05 05 23 00-0367	EA	1/2"	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>	15.22 -1.72 -2.15 -2.58	
05 05 23 00-0368	EA	1/2"	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>	15.41 -1.72 -2.15 -2.58	
05 05 23 00-0369	EA	1/2"	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>	16.59 -1.76 -2.20 -2.64	
05 05 23 00-0370	EA	1/2"	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>	17.52 -1.76 -2.20 -2.64	
05 05 23 00-0371	EA	1/2"	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>	18.83 -1.76 -2.20 -2.64	
05 05 23 00-0372	EA	1/2"	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>	19.34 -1.76 -2.20 -2.64	
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..... <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	9.14 -1.56 -1.95 -2.34	
05 05 23 00-0375	EA	9/16"	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>	9.44 -1.56 -1.95 -2.34	
05 05 23 00-0376	EA	9/16"	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>	9.72 -1.56 -1.95 -2.34	
05 05 23 00-0377	EA	9/16"	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>	10.21 -1.60 -2.00 -2.40	
05 05 23 00-0378	EA	9/16"	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>	10.60 -1.60 -2.00 -2.40	
05 05 23 00-0379	EA	9/16"	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>	11.02 -1.60 -2.00 -2.40	
05 05 23 00-0380	EA	9/16"	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>	11.70 -1.64 -2.05 -2.46	
05 05 23 00-0381	EA	9/16"	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>	13.35 -1.64 -2.05 -2.46	
05 05 23 00-0382	EA	9/16"	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>	13.78 -1.64 -2.05 -2.46	
05 05 23 00-0383	EA	9/16"	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>	14.46 -1.68 -2.10 -2.52	
05 05 23 00-0384	EA	9/16"	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>	14.92 -1.68 -2.10 -2.52	

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 00-0385	EA		9/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	16.44	
			For >100 To 250, Deduct	-1.68	
			For >250 To 500, Deduct	-2.10	
			For >500, Deduct	-2.52	
05 05 23 00-0386	EA		9/16" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	18.51	
			For >100 To 250, Deduct	-1.72	
			For >250 To 500, Deduct	-2.15	
			For >500, Deduct	-2.58	
05 05 23 00-0387	EA		9/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	19.14	
			For >100 To 250, Deduct	-1.72	
			For >250 To 500, Deduct	-2.15	
			For >500, Deduct	-2.58	
05 05 23 00-0388	EA		9/16" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	20.19	
			For >100 To 250, Deduct	-1.72	
			For >250 To 500, Deduct	-2.15	
			For >500, Deduct	-2.58	
05 05 23 00-0389	EA		9/16" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	21.38	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-0390	EA		9/16" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	21.77	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-0391	EA		9/16" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	22.15	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-0392	EA		9/16" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	23.09	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
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.....	10.44	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-0395	EA		5/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	10.55	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-0396	EA		5/8" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	10.64	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-0397	EA		5/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	11.12	
			For >100 To 250, Deduct	-1.80	
			For >250 To 500, Deduct	-2.25	
			For >500, Deduct	-2.69	
05 05 23 00-0398	EA		5/8" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	11.62	
			For >100 To 250, Deduct	-1.80	
			For >250 To 500, Deduct	-2.25	
			For >500, Deduct	-2.69	
05 05 23 00-0399	EA		5/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	12.08	
			For >100 To 250, Deduct	-1.80	
			For >250 To 500, Deduct	-2.25	
			For >500, Deduct	-2.69	
05 05 23 00-0400	EA		5/8" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	12.74	
			For >100 To 250, Deduct	-1.83	
			For >250 To 500, Deduct	-2.29	
			For >500, Deduct	-2.75	
05 05 23 00-0401	EA		5/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	13.63	
			For >100 To 250, Deduct	-1.83	
			For >250 To 500, Deduct	-2.29	
			For >500, Deduct	-2.75	
05 05 23 00-0402	EA		5/8" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	14.10	
			For >100 To 250, Deduct	-1.83	
			For >250 To 500, Deduct	-2.29	
			For >500, Deduct	-2.75	
05 05 23 00-0403	EA		5/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	14.55	
			For >100 To 250, Deduct	-1.87	
			For >250 To 500, Deduct	-2.34	
			For >500, Deduct	-2.81	
05 05 23 00-0404	EA		5/8" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	15.31	
			For >100 To 250, Deduct	-1.87	
			For >250 To 500, Deduct	-2.34	
			For >500, Deduct	-2.81	
05 05 23 00-0405	EA		5/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	16.51	
			For >100 To 250, Deduct	-1.87	
			For >250 To 500, Deduct	-2.34	
			For >500, Deduct	-2.81	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0406	EA	5/8" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	17.80	
		For >100 To 250, Deduct		-1.91	
		For >250 To 500, Deduct		-2.39	
		For >500, Deduct		-2.87	
05 05 23 00-0407	EA	5/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	18.80	
		For >100 To 250, Deduct		-1.91	
		For >250 To 500, Deduct		-2.39	
		For >500, Deduct		-2.87	
05 05 23 00-0408	EA	5/8" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	18.95	
		For >100 To 250, Deduct		-1.91	
		For >250 To 500, Deduct		-2.39	
		For >500, Deduct		-2.87	
05 05 23 00-0409	EA	5/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	20.95	
		For >100 To 250, Deduct		-1.95	
		For >250 To 500, Deduct		-2.44	
		For >500, Deduct		-2.93	
05 05 23 00-0410	EA	5/8" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	22.29	
		For >100 To 250, Deduct		-1.95	
		For >250 To 500, Deduct		-2.44	
		For >500, Deduct		-2.93	
05 05 23 00-0411	EA	5/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	24.26	
		For >100 To 250, Deduct		-1.95	
		For >250 To 500, Deduct		-2.44	
		For >500, Deduct		-2.93	
05 05 23 00-0412	EA	5/8" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	24.95	
		For >100 To 250, Deduct		-1.95	
		For >250 To 500, Deduct		-2.44	
		For >500, Deduct		-2.93	
05 05 23 00-0413		3/4" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts	(05 05 23 00-0285)	11.57	
05 05 23 00-0414	EA	3/4" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	11.57	
		For >100 To 250, Deduct		-1.76	
		For >250 To 500, Deduct		-2.20	
		For >500, Deduct		-2.64	
05 05 23 00-0415	EA	3/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	11.77	
		For >100 To 250, Deduct		-1.76	
		For >250 To 500, Deduct		-2.20	
		For >500, Deduct		-2.64	
05 05 23 00-0416	EA	3/4" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	11.87	
		For >100 To 250, Deduct		-1.76	
		For >250 To 500, Deduct		-2.20	
		For >500, Deduct		-2.64	
05 05 23 00-0417	EA	3/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	12.49	
		For >100 To 250, Deduct		-1.80	
		For >250 To 500, Deduct		-2.25	
		For >500, Deduct		-2.69	
05 05 23 00-0418	EA	3/4" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	12.99	
		For >100 To 250, Deduct		-1.80	
		For >250 To 500, Deduct		-2.25	
		For >500, Deduct		-2.69	
05 05 23 00-0419	EA	3/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	13.76	
		For >100 To 250, Deduct		-1.80	
		For >250 To 500, Deduct		-2.25	
		For >500, Deduct		-2.69	
05 05 23 00-0420	EA	3/4" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	14.47	
		For >100 To 250, Deduct		-1.83	
		For >250 To 500, Deduct		-2.29	
		For >500, Deduct		-2.75	
05 05 23 00-0421	EA	3/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	14.96	
		For >100 To 250, Deduct		-1.83	
		For >250 To 500, Deduct		-2.29	
		For >500, Deduct		-2.75	
05 05 23 00-0422	EA	3/4" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	15.99	
		For >100 To 250, Deduct		-1.83	
		For >250 To 500, Deduct		-2.29	
		For >500, Deduct		-2.75	
05 05 23 00-0423	EA	3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	16.67	
		For >100 To 250, Deduct		-1.87	
		For >250 To 500, Deduct		-2.34	
		For >500, Deduct		-2.81	
05 05 23 00-0424	EA	3/4" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	17.52	
		For >100 To 250, Deduct		-1.87	
		For >250 To 500, Deduct		-2.34	
		For >500, Deduct		-2.81	
05 05 23 00-0425	EA	3/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	18.56	
		For >100 To 250, Deduct		-1.87	
		For >250 To 500, Deduct		-2.34	
		For >500, Deduct		-2.81	
05 05 23 00-0426	EA	3/4" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	.....	20.23	
		For >100 To 250, Deduct		-1.91	
		For >250 To 500, Deduct		-2.39	
		For >500, Deduct		-2.87	

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 00-0427	EA		3/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	21.31	
			For>100 To 250, Deduct	-1.91	
			For>250 To 500, Deduct	-2.39	
			For>500, Deduct	-2.87	
05 05 23 00-0428	EA		3/4" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	21.93	
			For>100 To 250, Deduct	-1.91	
			For>250 To 500, Deduct	-2.39	
			For>500, Deduct	-2.87	
05 05 23 00-0429	EA		3/4" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	23.74	
			For>100 To 250, Deduct	-1.95	
			For>250 To 500, Deduct	-2.44	
			For>500, Deduct	-2.93	
05 05 23 00-0430	EA		3/4" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	24.29	
			For>100 To 250, Deduct	-1.95	
			For>250 To 500, Deduct	-2.44	
			For>500, Deduct	-2.93	
05 05 23 00-0431	EA		3/4" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	26.08	
			For>100 To 250, Deduct	-1.95	
			For>250 To 500, Deduct	-2.44	
			For>500, Deduct	-2.93	
05 05 23 00-0432	EA		3/4" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	26.52	
			For>100 To 250, Deduct	-1.95	
			For>250 To 500, Deduct	-2.44	
			For>500, Deduct	-2.93	
05 05 23 00-0433			7/8" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts (05 05 23 00-0285)		
05 05 23 00-0434	EA		7/8" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	13.96	
			For>100 To 250, Deduct	-1.95	
			For>250 To 500, Deduct	-2.44	
			For>500, Deduct	-2.93	
05 05 23 00-0435	EA		7/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	14.20	
			For>100 To 250, Deduct	-1.95	
			For>250 To 500, Deduct	-2.44	
			For>500, Deduct	-2.93	
05 05 23 00-0436	EA		7/8" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	14.54	
			For>100 To 250, Deduct	-1.95	
			For>250 To 500, Deduct	-2.44	
			For>500, Deduct	-2.93	
05 05 23 00-0437	EA		7/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	15.07	
			For>100 To 250, Deduct	-1.99	
			For>250 To 500, Deduct	-2.49	
			For>500, Deduct	-2.99	
05 05 23 00-0438	EA		7/8" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	16.08	
			For>100 To 250, Deduct	-1.99	
			For>250 To 500, Deduct	-2.49	
			For>500, Deduct	-2.99	
05 05 23 00-0439	EA		7/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	16.75	
			For>100 To 250, Deduct	-1.99	
			For>250 To 500, Deduct	-2.49	
			For>500, Deduct	-2.99	
05 05 23 00-0440	EA		7/8" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	17.45	
			For>100 To 250, Deduct	-2.03	
			For>250 To 500, Deduct	-2.54	
			For>500, Deduct	-3.05	
05 05 23 00-0441	EA		7/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	18.64	
			For>100 To 250, Deduct	-2.03	
			For>250 To 500, Deduct	-2.54	
			For>500, Deduct	-3.05	
05 05 23 00-0442	EA		7/8" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	19.54	
			For>100 To 250, Deduct	-2.03	
			For>250 To 500, Deduct	-2.54	
			For>500, Deduct	-3.05	
05 05 23 00-0443	EA		7/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	20.17	
			For>100 To 250, Deduct	-2.07	
			For>250 To 500, Deduct	-2.59	
			For>500, Deduct	-3.11	
05 05 23 00-0444	EA		7/8" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	20.91	
			For>100 To 250, Deduct	-2.07	
			For>250 To 500, Deduct	-2.59	
			For>500, Deduct	-3.11	
05 05 23 00-0445	EA		7/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	24.12	
			For>100 To 250, Deduct	-2.07	
			For>250 To 500, Deduct	-2.59	
			For>500, Deduct	-3.11	
05 05 23 00-0446	EA		7/8" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	25.45	
			For>100 To 250, Deduct	-2.11	
			For>250 To 500, Deduct	-2.64	
			For>500, Deduct	-3.16	
05 05 23 00-0447	EA		7/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	26.86	
			For>100 To 250, Deduct	-2.11	
			For>250 To 500, Deduct	-2.64	
			For>500, Deduct	-3.16	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0448	EA		7/8" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	26.95	
			For >100 To 250, Deduct	-2.11	
			For >250 To 500, Deduct	-2.64	
			For >500, Deduct	-3.16	
05 05 23 00-0449	EA		7/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	29.18	
			For >100 To 250, Deduct	-2.15	
			For >250 To 500, Deduct	-2.69	
			For >500, Deduct	-3.22	
05 05 23 00-0450	EA		7/8" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	30.55	
			For >100 To 250, Deduct	-2.15	
			For >250 To 500, Deduct	-2.69	
			For >500, Deduct	-3.22	
05 05 23 00-0451	EA		7/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	31.73	
			For >100 To 250, Deduct	-2.15	
			For >250 To 500, Deduct	-2.69	
			For >500, Deduct	-3.22	
05 05 23 00-0452	EA		7/8" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	32.91	
			For >100 To 250, Deduct	-2.15	
			For >250 To 500, Deduct	-2.69	
			For >500, Deduct	-3.22	
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.....	16.20	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	
05 05 23 00-0455	EA		1" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	16.28	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	
05 05 23 00-0456	EA		1" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	17.23	
			For >100 To 250, Deduct	-1.99	
			For >250 To 500, Deduct	-2.49	
			For >500, Deduct	-2.99	
05 05 23 00-0457	EA		1" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	18.20	
			For >100 To 250, Deduct	-1.99	
			For >250 To 500, Deduct	-2.49	
			For >500, Deduct	-2.99	
05 05 23 00-0458	EA		1" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	18.92	
			For >100 To 250, Deduct	-1.99	
			For >250 To 500, Deduct	-2.49	
			For >500, Deduct	-2.99	
05 05 23 00-0459	EA		1" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	20.03	
			For >100 To 250, Deduct	-2.03	
			For >250 To 500, Deduct	-2.54	
			For >500, Deduct	-3.05	
05 05 23 00-0460	EA		1" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	21.17	
			For >100 To 250, Deduct	-2.03	
			For >250 To 500, Deduct	-2.54	
			For >500, Deduct	-3.05	
05 05 23 00-0461	EA		1" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	22.84	
			For >100 To 250, Deduct	-2.03	
			For >250 To 500, Deduct	-2.54	
			For >500, Deduct	-3.05	
05 05 23 00-0462	EA		1" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	24.23	
			For >100 To 250, Deduct	-2.07	
			For >250 To 500, Deduct	-2.59	
			For >500, Deduct	-3.11	
05 05 23 00-0463	EA		1" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	24.58	
			For >100 To 250, Deduct	-2.07	
			For >250 To 500, Deduct	-2.59	
			For >500, Deduct	-3.11	
05 05 23 00-0464	EA		1" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	26.90	
			For >100 To 250, Deduct	-2.07	
			For >250 To 500, Deduct	-2.59	
			For >500, Deduct	-3.11	
05 05 23 00-0465	EA		1" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	28.58	
			For >100 To 250, Deduct	-2.11	
			For >250 To 500, Deduct	-2.64	
			For >500, Deduct	-3.16	
05 05 23 00-0466	EA		1" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	31.06	
			For >100 To 250, Deduct	-2.11	
			For >250 To 500, Deduct	-2.64	
			For >500, Deduct	-3.16	
05 05 23 00-0467	EA		1" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	31.76	
			For >100 To 250, Deduct	-2.11	
			For >250 To 500, Deduct	-2.64	
			For >500, Deduct	-3.16	
05 05 23 00-0468	EA		1" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	39.88	
			For >100 To 250, Deduct	-2.15	
			For >250 To 500, Deduct	-2.69	
			For >500, Deduct	-3.22	

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 00-0469	EA		1" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	40.51	
			For >100 To 250, Deduct	-2.15	
			For >250 To 500, Deduct	-2.69	
			For >500, Deduct	-3.22	
05 05 23 00-0470	EA		1" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	42.20	
			For >100 To 250, Deduct	-2.15	
			For >250 To 500, Deduct	-2.69	
			For >500, Deduct	-3.22	
05 05 23 00-0471	EA		1" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	43.36	
			For >100 To 250, Deduct	-2.15	
			For >250 To 500, Deduct	-2.69	
			For >500, Deduct	-3.22	
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	7.06	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0475	EA		1/4" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.18	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0476	EA		1/4" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.24	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0477	EA		1/4" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.37	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0478	EA		1/4" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.64	
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0479	EA		1/4" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.78	
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0480	EA		1/4" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.91	
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0481	EA		1/4" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.12	
			For >100 To 250, Deduct	-1.45	
			For >250 To 500, Deduct	-1.81	
			For >500, Deduct	-2.17	
05 05 23 00-0482	EA		1/4" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.50	
			For >100 To 250, Deduct	-1.45	
			For >250 To 500, Deduct	-1.81	
			For >500, Deduct	-2.17	
05 05 23 00-0483	EA		1/4" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.86	
			For >100 To 250, Deduct	-1.45	
			For >250 To 500, Deduct	-1.81	
			For >500, Deduct	-2.17	
05 05 23 00-0484	EA		1/4" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.24	
			For >100 To 250, Deduct	-1.48	
			For >250 To 500, Deduct	-1.86	
			For >500, Deduct	-2.23	
05 05 23 00-0485	EA		1/4" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.44	
			For >100 To 250, Deduct	-1.48	
			For >250 To 500, Deduct	-1.86	
			For >500, Deduct	-2.23	
05 05 23 00-0486	EA		1/4" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.68	
			For >100 To 250, Deduct	-1.48	
			For >250 To 500, Deduct	-1.86	
			For >500, Deduct	-2.23	
05 05 23 00-0487	EA		1/4" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.04	
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-1.90	
			For >500, Deduct	-2.28	
05 05 23 00-0488	EA		1/4" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.51	
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-1.90	
			For >500, Deduct	-2.28	
05 05 23 00-0489	EA		1/4" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.72	
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-1.90	
			For >500, Deduct	-2.28	
05 05 23 00-0490			5/16" 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 00-0491	EA	5/16" Diameter x 1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.17	
		For >100 To 250, Deduct	-1.37	
		For >250 To 500, Deduct	-1.71	
		For >500, Deduct	-2.05	
05 05 23 00-0492	EA	5/16" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.24	
		For >100 To 250, Deduct	-1.37	
		For >250 To 500, Deduct	-1.71	
		For >500, Deduct	-2.05	
05 05 23 00-0493	EA	5/16" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.47	
		For >100 To 250, Deduct	-1.37	
		For >250 To 500, Deduct	-1.71	
		For >500, Deduct	-2.05	
05 05 23 00-0494	EA	5/16" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.51	
		For >100 To 250, Deduct	-1.37	
		For >250 To 500, Deduct	-1.71	
		For >500, Deduct	-2.05	
05 05 23 00-0495	EA	5/16" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.83	
		For >100 To 250, Deduct	-1.41	
		For >250 To 500, Deduct	-1.76	
		For >500, Deduct	-2.11	
05 05 23 00-0496	EA	5/16" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.17	
		For >100 To 250, Deduct	-1.41	
		For >250 To 500, Deduct	-1.76	
		For >500, Deduct	-2.11	
05 05 23 00-0497	EA	5/16" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.27	
		For >100 To 250, Deduct	-1.41	
		For >250 To 500, Deduct	-1.76	
		For >500, Deduct	-2.11	
05 05 23 00-0498	EA	5/16" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.67	
		For >100 To 250, Deduct	-1.45	
		For >250 To 500, Deduct	-1.81	
		For >500, Deduct	-2.17	
05 05 23 00-0499	EA	5/16" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.88	
		For >100 To 250, Deduct	-1.45	
		For >250 To 500, Deduct	-1.81	
		For >500, Deduct	-2.17	
05 05 23 00-0500	EA	5/16" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.37	
		For >100 To 250, Deduct	-1.45	
		For >250 To 500, Deduct	-1.81	
		For >500, Deduct	-2.17	
05 05 23 00-0501	EA	5/16" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.85	
		For >100 To 250, Deduct	-1.48	
		For >250 To 500, Deduct	-1.86	
		For >500, Deduct	-2.23	
05 05 23 00-0502	EA	5/16" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.03	
		For >100 To 250, Deduct	-1.48	
		For >250 To 500, Deduct	-1.86	
		For >500, Deduct	-2.23	
05 05 23 00-0503	EA	5/16" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.32	
		For >100 To 250, Deduct	-1.48	
		For >250 To 500, Deduct	-1.86	
		For >500, Deduct	-2.23	
05 05 23 00-0504	EA	5/16" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.71	
		For >100 To 250, Deduct	-1.52	
		For >250 To 500, Deduct	-1.90	
		For >500, Deduct	-2.28	
05 05 23 00-0505	EA	5/16" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.92	
		For >100 To 250, Deduct	-1.52	
		For >250 To 500, Deduct	-1.90	
		For >500, Deduct	-2.28	
05 05 23 00-0506	EA	5/16" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	11.33	
		For >100 To 250, Deduct	-1.52	
		For >250 To 500, Deduct	-1.90	
		For >500, Deduct	-2.28	
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.....	7.41	
		For >100 To 250, Deduct	-1.37	
		For >250 To 500, Deduct	-1.71	
		For >500, Deduct	-2.05	
05 05 23 00-0509	EA	3/8" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.44	
		For >100 To 250, Deduct	-1.37	
		For >250 To 500, Deduct	-1.71	
		For >500, Deduct	-2.05	
05 05 23 00-0510	EA	3/8" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.45	
		For >100 To 250, Deduct	-1.37	
		For >250 To 500, Deduct	-1.71	
		For >500, Deduct	-2.05	
05 05 23 00-0511	EA	3/8" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.72	
		For >100 To 250, Deduct	-1.37	
		For >250 To 500, Deduct	-1.71	
		For >500, Deduct	-2.05	

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 00-0512	EA	3/8" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.06	
		For >100 To 250, Deduct	-1.41	
		For >250 To 500, Deduct	-1.76	
		For >500, Deduct	-2.11	
05 05 23 00-0513	EA	3/8" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.33	
		For >100 To 250, Deduct	-1.41	
		For >250 To 500, Deduct	-1.76	
		For >500, Deduct	-2.11	
05 05 23 00-0514	EA	3/8" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.57	
		For >100 To 250, Deduct	-1.41	
		For >250 To 500, Deduct	-1.76	
		For >500, Deduct	-2.11	
05 05 23 00-0515	EA	3/8" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.54	
		For >100 To 250, Deduct	-1.45	
		For >250 To 500, Deduct	-1.81	
		For >500, Deduct	-2.17	
05 05 23 00-0516	EA	3/8" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.84	
		For >100 To 250, Deduct	-1.45	
		For >250 To 500, Deduct	-1.81	
		For >500, Deduct	-2.17	
05 05 23 00-0517	EA	3/8" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.90	
		For >100 To 250, Deduct	-1.45	
		For >250 To 500, Deduct	-1.81	
		For >500, Deduct	-2.17	
05 05 23 00-0518	EA	3/8" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.21	
		For >100 To 250, Deduct	-1.48	
		For >250 To 500, Deduct	-1.86	
		For >500, Deduct	-2.23	
05 05 23 00-0519	EA	3/8" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.55	
		For >100 To 250, Deduct	-1.48	
		For >250 To 500, Deduct	-1.86	
		For >500, Deduct	-2.23	
05 05 23 00-0520	EA	3/8" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.05	
		For >100 To 250, Deduct	-1.48	
		For >250 To 500, Deduct	-1.86	
		For >500, Deduct	-2.23	
05 05 23 00-0521	EA	3/8" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	12.59	
		For >100 To 250, Deduct	-1.52	
		For >250 To 500, Deduct	-1.90	
		For >500, Deduct	-2.28	
05 05 23 00-0522	EA	3/8" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.26	
		For >100 To 250, Deduct	-1.52	
		For >250 To 500, Deduct	-1.90	
		For >500, Deduct	-2.28	
05 05 23 00-0523	EA	3/8" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	14.83	
		For >100 To 250, Deduct	-1.52	
		For >250 To 500, Deduct	-1.90	
		For >500, Deduct	-2.28	
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.....	8.64	
		For >100 To 250, Deduct	-1.56	
		For >250 To 500, Deduct	-1.95	
		For >500, Deduct	-2.34	
05 05 23 00-0526	EA	7/16" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.68	
		For >100 To 250, Deduct	-1.56	
		For >250 To 500, Deduct	-1.95	
		For >500, Deduct	-2.34	
05 05 23 00-0527	EA	7/16" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.10	
		For >100 To 250, Deduct	-1.56	
		For >250 To 500, Deduct	-1.95	
		For >500, Deduct	-2.34	
05 05 23 00-0528	EA	7/16" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.33	
		For >100 To 250, Deduct	-1.60	
		For >250 To 500, Deduct	-2.00	
		For >500, Deduct	-2.40	
05 05 23 00-0529	EA	7/16" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.80	
		For >100 To 250, Deduct	-1.60	
		For >250 To 500, Deduct	-2.00	
		For >500, Deduct	-2.40	
05 05 23 00-0530	EA	7/16" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.06	
		For >100 To 250, Deduct	-1.60	
		For >250 To 500, Deduct	-2.00	
		For >500, Deduct	-2.40	
05 05 23 00-0531	EA	7/16" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.30	
		For >100 To 250, Deduct	-1.64	
		For >250 To 500, Deduct	-2.05	
		For >500, Deduct	-2.46	
05 05 23 00-0532	EA	7/16" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.35	
		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 00-0533	EA	7/16"	Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	12.17	
			For >100 To 250, Deduct	-1.64	
			For >250 To 500, Deduct	-2.05	
			For >500, Deduct	-2.46	
05 05 23 00-0534	EA	7/16"	Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.93	
			For >100 To 250, Deduct	-1.68	
			For >250 To 500, Deduct	-2.10	
			For >500, Deduct	-2.52	
05 05 23 00-0535	EA	7/16"	Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	13.22	
			For >100 To 250, Deduct	-1.68	
			For >250 To 500, Deduct	-2.10	
			For >500, Deduct	-2.52	
05 05 23 00-0536	EA	7/16"	Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.65	
			For >100 To 250, Deduct	-1.68	
			For >250 To 500, Deduct	-2.10	
			For >500, Deduct	-2.52	
05 05 23 00-0537	EA	7/16"	Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	14.48	
			For >100 To 250, Deduct	-1.72	
			For >250 To 500, Deduct	-2.15	
			For >500, Deduct	-2.58	
05 05 23 00-0538	EA	7/16"	Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.87	
			For >100 To 250, Deduct	-1.72	
			For >250 To 500, Deduct	-2.15	
			For >500, Deduct	-2.58	
05 05 23 00-0539	EA	7/16"	Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	15.98	
			For >100 To 250, Deduct	-1.72	
			For >250 To 500, Deduct	-2.15	
			For >500, Deduct	-2.58	
05 05 23 00-0540			1/2" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts (05 05 23 00-0472).....	8.91	
05 05 23 00-0541	EA	1/2"	Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.91	
			For >100 To 250, Deduct	-1.56	
			For >250 To 500, Deduct	-1.95	
			For >500, Deduct	-2.34	
05 05 23 00-0542	EA	1/2"	Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.22	
			For >100 To 250, Deduct	-1.56	
			For >250 To 500, Deduct	-1.95	
			For >500, Deduct	-2.34	
05 05 23 00-0543	EA	1/2"	Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.41	
			For >100 To 250, Deduct	-1.56	
			For >250 To 500, Deduct	-1.95	
			For >500, Deduct	-2.34	
05 05 23 00-0544	EA	1/2"	Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.80	
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.00	
			For >500, Deduct	-2.40	
05 05 23 00-0545	EA	1/2"	Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.14	
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.00	
			For >500, Deduct	-2.40	
05 05 23 00-0546	EA	1/2"	Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.90	
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.00	
			For >500, Deduct	-2.40	
05 05 23 00-0547	EA	1/2"	Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	11.62	
			For >100 To 250, Deduct	-1.64	
			For >250 To 500, Deduct	-2.05	
			For >500, Deduct	-2.46	
05 05 23 00-0548	EA	1/2"	Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.07	
			For >100 To 250, Deduct	-1.64	
			For >250 To 500, Deduct	-2.05	
			For >500, Deduct	-2.46	
05 05 23 00-0549	EA	1/2"	Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	12.39	
			For >100 To 250, Deduct	-1.64	
			For >250 To 500, Deduct	-2.05	
			For >500, Deduct	-2.46	
05 05 23 00-0550	EA	1/2"	Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.15	
			For >100 To 250, Deduct	-1.68	
			For >250 To 500, Deduct	-2.10	
			For >500, Deduct	-2.52	
05 05 23 00-0551	EA	1/2"	Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	14.11	
			For >100 To 250, Deduct	-1.68	
			For >250 To 500, Deduct	-2.10	
			For >500, Deduct	-2.52	
05 05 23 00-0552	EA	1/2"	Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.99	
			For >100 To 250, Deduct	-1.68	
			For >250 To 500, Deduct	-2.10	
			For >500, Deduct	-2.52	
05 05 23 00-0553	EA	1/2"	Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	15.95	
			For >100 To 250, Deduct	-1.72	
			For >250 To 500, Deduct	-2.15	
			For >500, Deduct	-2.58	

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 00-0554	EA	1/2"	Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	16.34	
			For>100 To 250, Deduct	-1.72	
			For>250 To 500, Deduct	-2.15	
			For>500, Deduct	-2.58	
05 05 23 00-0555	EA	1/2"	Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	17.44	
			For>100 To 250, Deduct	-1.72	
			For>250 To 500, Deduct	-2.15	
			For>500, Deduct	-2.58	
05 05 23 00-0556	EA	1/2"	Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	19.48	
			For>100 To 250, Deduct	-1.76	
			For>250 To 500, Deduct	-2.20	
			For>500, Deduct	-2.64	
05 05 23 00-0557	EA	1/2"	Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	20.27	
			For>100 To 250, Deduct	-1.76	
			For>250 To 500, Deduct	-2.20	
			For>500, Deduct	-2.64	
05 05 23 00-0558	EA	1/2"	Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	20.68	
			For>100 To 250, Deduct	-1.76	
			For>250 To 500, Deduct	-2.20	
			For>500, Deduct	-2.64	
05 05 23 00-0559	EA	1/2"	Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	22.65	
			For>100 To 250, Deduct	-1.76	
			For>250 To 500, Deduct	-2.20	
			For>500, Deduct	-2.64	
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.....	9.20	
			For>100 To 250, Deduct	-1.56	
			For>250 To 500, Deduct	-1.95	
			For>500, Deduct	-2.34	
05 05 23 00-0562	EA	9/16"	Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.38	
			For>100 To 250, Deduct	-1.56	
			For>250 To 500, Deduct	-1.95	
			For>500, Deduct	-2.34	
05 05 23 00-0563	EA	9/16"	Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.81	
			For>100 To 250, Deduct	-1.56	
			For>250 To 500, Deduct	-1.95	
			For>500, Deduct	-2.34	
05 05 23 00-0564	EA	9/16"	Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.63	
			For>100 To 250, Deduct	-1.60	
			For>250 To 500, Deduct	-2.00	
			For>500, Deduct	-2.40	
05 05 23 00-0565	EA	9/16"	Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.78	
			For>100 To 250, Deduct	-1.60	
			For>250 To 500, Deduct	-2.00	
			For>500, Deduct	-2.40	
05 05 23 00-0566	EA	9/16"	Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.40	
			For>100 To 250, Deduct	-1.60	
			For>250 To 500, Deduct	-2.00	
			For>500, Deduct	-2.40	
05 05 23 00-0567	EA	9/16"	Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	12.01	
			For>100 To 250, Deduct	-1.64	
			For>250 To 500, Deduct	-2.05	
			For>500, Deduct	-2.46	
05 05 23 00-0568	EA	9/16"	Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.05	
			For>100 To 250, Deduct	-1.64	
			For>250 To 500, Deduct	-2.05	
			For>500, Deduct	-2.46	
05 05 23 00-0569	EA	9/16"	Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	14.45	
			For>100 To 250, Deduct	-1.64	
			For>250 To 500, Deduct	-2.05	
			For>500, Deduct	-2.46	
05 05 23 00-0570	EA	9/16"	Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.98	
			For>100 To 250, Deduct	-1.68	
			For>250 To 500, Deduct	-2.10	
			For>500, Deduct	-2.52	
05 05 23 00-0571	EA	9/16"	Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	15.86	
			For>100 To 250, Deduct	-1.68	
			For>250 To 500, Deduct	-2.10	
			For>500, Deduct	-2.52	
05 05 23 00-0572	EA	9/16"	Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	19.21	
			For>100 To 250, Deduct	-1.68	
			For>250 To 500, Deduct	-2.10	
			For>500, Deduct	-2.52	
05 05 23 00-0573	EA	9/16"	Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	23.32	
			For>100 To 250, Deduct	-1.72	
			For>250 To 500, Deduct	-2.15	
			For>500, Deduct	-2.58	
05 05 23 00-0574	EA	9/16"	Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	28.16	
			For>100 To 250, Deduct	-1.72	
			For>250 To 500, Deduct	-2.15	
			For>500, Deduct	-2.58	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0575	EA		9/16" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	33.43	
			For >100 To 250, Deduct	-1.72	
			For >250 To 500, Deduct	-2.15	
			For >500, Deduct	-2.58	
05 05 23 00-0576			5/8" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts (05 05 23 00-0472)		
05 05 23 00-0577	EA		5/8" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.84	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-0578	EA		5/8" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.02	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-0579	EA		5/8" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	11.49	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-0580	EA		5/8" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.37	
			For >100 To 250, Deduct	-1.80	
			For >250 To 500, Deduct	-2.25	
			For >500, Deduct	-2.69	
05 05 23 00-0581	EA		5/8" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	12.93	
			For >100 To 250, Deduct	-1.80	
			For >250 To 500, Deduct	-2.25	
			For >500, Deduct	-2.69	
05 05 23 00-0582	EA		5/8" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.24	
			For >100 To 250, Deduct	-1.80	
			For >250 To 500, Deduct	-2.25	
			For >500, Deduct	-2.69	
05 05 23 00-0583	EA		5/8" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	13.64	
			For >100 To 250, Deduct	-1.83	
			For >250 To 500, Deduct	-2.29	
			For >500, Deduct	-2.75	
05 05 23 00-0584	EA		5/8" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.65	
			For >100 To 250, Deduct	-1.83	
			For >250 To 500, Deduct	-2.29	
			For >500, Deduct	-2.75	
05 05 23 00-0585	EA		5/8" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	15.09	
			For >100 To 250, Deduct	-1.83	
			For >250 To 500, Deduct	-2.29	
			For >500, Deduct	-2.75	
05 05 23 00-0586	EA		5/8" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.77	
			For >100 To 250, Deduct	-1.87	
			For >250 To 500, Deduct	-2.34	
			For >500, Deduct	-2.81	
05 05 23 00-0587	EA		5/8" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	16.24	
			For >100 To 250, Deduct	-1.87	
			For >250 To 500, Deduct	-2.34	
			For >500, Deduct	-2.81	
05 05 23 00-0588	EA		5/8" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	17.23	
			For >100 To 250, Deduct	-1.87	
			For >250 To 500, Deduct	-2.34	
			For >500, Deduct	-2.81	
05 05 23 00-0589	EA		5/8" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	19.77	
			For >100 To 250, Deduct	-1.91	
			For >250 To 500, Deduct	-2.39	
			For >500, Deduct	-2.87	
05 05 23 00-0590	EA		5/8" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	20.90	
			For >100 To 250, Deduct	-1.91	
			For >250 To 500, Deduct	-2.39	
			For >500, Deduct	-2.87	
05 05 23 00-0591	EA		5/8" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	21.38	
			For >100 To 250, Deduct	-1.91	
			For >250 To 500, Deduct	-2.39	
			For >500, Deduct	-2.87	
05 05 23 00-0592	EA		5/8" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	23.58	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	
05 05 23 00-0593	EA		5/8" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	25.79	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	
05 05 23 00-0594	EA		5/8" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	25.96	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	
05 05 23 00-0595	EA		5/8" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	28.02	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	

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 00-0596		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.....	11.89	
		For>100 To 250, Deduct	-1.76	
		For>250 To 500, Deduct	-2.20	
		For>500, Deduct	-2.64	
05 05 23 00-0598	EA	3/4" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.09	
		For>100 To 250, Deduct	-1.76	
		For>250 To 500, Deduct	-2.20	
		For>500, Deduct	-2.64	
05 05 23 00-0599	EA	3/4" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	12.22	
		For>100 To 250, Deduct	-1.76	
		For>250 To 500, Deduct	-2.20	
		For>500, Deduct	-2.64	
05 05 23 00-0600	EA	3/4" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.70	
		For>100 To 250, Deduct	-1.80	
		For>250 To 500, Deduct	-2.25	
		For>500, Deduct	-2.69	
05 05 23 00-0601	EA	3/4" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	13.12	
		For>100 To 250, Deduct	-1.80	
		For>250 To 500, Deduct	-2.25	
		For>500, Deduct	-2.69	
05 05 23 00-0602	EA	3/4" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.32	
		For>100 To 250, Deduct	-1.80	
		For>250 To 500, Deduct	-2.25	
		For>500, Deduct	-2.69	
05 05 23 00-0603	EA	3/4" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	15.02	
		For>100 To 250, Deduct	-1.83	
		For>250 To 500, Deduct	-2.29	
		For>500, Deduct	-2.75	
05 05 23 00-0604	EA	3/4" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.12	
		For>100 To 250, Deduct	-1.83	
		For>250 To 500, Deduct	-2.29	
		For>500, Deduct	-2.75	
05 05 23 00-0605	EA	3/4" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	16.76	
		For>100 To 250, Deduct	-1.83	
		For>250 To 500, Deduct	-2.29	
		For>500, Deduct	-2.75	
05 05 23 00-0606	EA	3/4" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	17.55	
		For>100 To 250, Deduct	-1.87	
		For>250 To 500, Deduct	-2.34	
		For>500, Deduct	-2.81	
05 05 23 00-0607	EA	3/4" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	18.41	
		For>100 To 250, Deduct	-1.87	
		For>250 To 500, Deduct	-2.34	
		For>500, Deduct	-2.81	
05 05 23 00-0608	EA	3/4" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	20.01	
		For>100 To 250, Deduct	-1.87	
		For>250 To 500, Deduct	-2.34	
		For>500, Deduct	-2.81	
05 05 23 00-0609	EA	3/4" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	22.15	
		For>100 To 250, Deduct	-1.91	
		For>250 To 500, Deduct	-2.39	
		For>500, Deduct	-2.87	
05 05 23 00-0610	EA	3/4" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	23.01	
		For>100 To 250, Deduct	-1.91	
		For>250 To 500, Deduct	-2.39	
		For>500, Deduct	-2.87	
05 05 23 00-0611	EA	3/4" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	23.45	
		For>100 To 250, Deduct	-1.91	
		For>250 To 500, Deduct	-2.39	
		For>500, Deduct	-2.87	
05 05 23 00-0612	EA	3/4" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	25.76	
		For>100 To 250, Deduct	-1.95	
		For>250 To 500, Deduct	-2.44	
		For>500, Deduct	-2.93	
05 05 23 00-0613	EA	3/4" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	27.32	
		For>100 To 250, Deduct	-1.95	
		For>250 To 500, Deduct	-2.44	
		For>500, Deduct	-2.93	
05 05 23 00-0614	EA	3/4" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	28.43	
		For>100 To 250, Deduct	-1.95	
		For>250 To 500, Deduct	-2.44	
		For>500, Deduct	-2.93	
05 05 23 00-0615	EA	3/4" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	28.84	
		For>100 To 250, Deduct	-1.95	
		For>250 To 500, Deduct	-2.44	
		For>500, Deduct	-2.93	
05 05 23 00-0616		7/8" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts (05 05 23 00-0472)		
05 05 23 00-0617	EA	7/8" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.76	
		For>100 To 250, Deduct	-1.95	
		For>250 To 500, Deduct	-2.44	
		For>500, Deduct	-2.93	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0618	EA	7/8" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	16.29	
		For >100 To 250, Deduct	-1.95	
		For >250 To 500, Deduct	-2.44	
		For >500, Deduct	-2.93	
05 05 23 00-0619	EA	7/8" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	17.27	
		For >100 To 250, Deduct	-1.99	
		For >250 To 500, Deduct	-2.49	
		For >500, Deduct	-2.99	
05 05 23 00-0620	EA	7/8" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	18.86	
		For >100 To 250, Deduct	-1.99	
		For >250 To 500, Deduct	-2.49	
		For >500, Deduct	-2.99	
05 05 23 00-0621	EA	7/8" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	19.04	
		For >100 To 250, Deduct	-1.99	
		For >250 To 500, Deduct	-2.49	
		For >500, Deduct	-2.99	
05 05 23 00-0622	EA	7/8" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	19.57	
		For >100 To 250, Deduct	-2.03	
		For >250 To 500, Deduct	-2.54	
		For >500, Deduct	-3.05	
05 05 23 00-0623	EA	7/8" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	23.40	
		For >100 To 250, Deduct	-2.03	
		For >250 To 500, Deduct	-2.54	
		For >500, Deduct	-3.05	
05 05 23 00-0624	EA	7/8" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	24.38	
		For >100 To 250, Deduct	-2.03	
		For >250 To 500, Deduct	-2.54	
		For >500, Deduct	-3.05	
05 05 23 00-0625	EA	7/8" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	26.85	
		For >100 To 250, Deduct	-2.07	
		For >250 To 500, Deduct	-2.59	
		For >500, Deduct	-3.11	
05 05 23 00-0626	EA	7/8" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	28.29	
		For >100 To 250, Deduct	-2.07	
		For >250 To 500, Deduct	-2.59	
		For >500, Deduct	-3.11	
05 05 23 00-0627	EA	7/8" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	32.00	
		For >100 To 250, Deduct	-2.07	
		For >250 To 500, Deduct	-2.59	
		For >500, Deduct	-3.11	
05 05 23 00-0628	EA	7/8" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	33.42	
		For >100 To 250, Deduct	-2.11	
		For >250 To 500, Deduct	-2.64	
		For >500, Deduct	-3.16	
05 05 23 00-0629	EA	7/8" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	37.24	
		For >100 To 250, Deduct	-2.11	
		For >250 To 500, Deduct	-2.64	
		For >500, Deduct	-3.16	
05 05 23 00-0630	EA	7/8" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	38.78	
		For >100 To 250, Deduct	-2.11	
		For >250 To 500, Deduct	-2.64	
		For >500, Deduct	-3.16	
05 05 23 00-0631	EA	7/8" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	40.22	
		For >100 To 250, Deduct	-2.15	
		For >250 To 500, Deduct	-2.69	
		For >500, Deduct	-3.22	
05 05 23 00-0632	EA	7/8" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	40.66	
		For >100 To 250, Deduct	-2.15	
		For >250 To 500, Deduct	-2.69	
		For >500, Deduct	-3.22	
05 05 23 00-0633	EA	7/8" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	41.04	
		For >100 To 250, Deduct	-2.15	
		For >250 To 500, Deduct	-2.69	
		For >500, Deduct	-3.22	
05 05 23 00-0634	EA	7/8" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	41.96	
		For >100 To 250, Deduct	-2.15	
		For >250 To 500, Deduct	-2.69	
		For >500, Deduct	-3.22	
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	17.27	
		For >100 To 250, Deduct	-1.95	
		For >250 To 500, Deduct	-2.44	
		For >500, Deduct	-2.93	
05 05 23 00-0637	EA	1" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	18.60	
		For >100 To 250, Deduct	-1.95	
		For >250 To 500, Deduct	-2.44	
		For >500, Deduct	-2.93	
05 05 23 00-0638	EA	1" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	19.38	
		For >100 To 250, Deduct	-1.99	
		For >250 To 500, Deduct	-2.49	
		For >500, Deduct	-2.99	

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 00-0639	EA		1" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	20.37	
			For >100 To 250, Deduct	-1.99	
			For >250 To 500, Deduct	-2.49	
			For >500, Deduct	-2.99	
05 05 23 00-0640	EA		1" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	22.23	
			For >100 To 250, Deduct	-1.99	
			For >250 To 500, Deduct	-2.49	
			For >500, Deduct	-2.99	
05 05 23 00-0641	EA		1" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	22.91	
			For >100 To 250, Deduct	-2.03	
			For >250 To 500, Deduct	-2.54	
			For >500, Deduct	-3.05	
05 05 23 00-0642	EA		1" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	24.51	
			For >100 To 250, Deduct	-2.03	
			For >250 To 500, Deduct	-2.54	
			For >500, Deduct	-3.05	
05 05 23 00-0643	EA		1" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	26.65	
			For >100 To 250, Deduct	-2.03	
			For >250 To 500, Deduct	-2.54	
			For >500, Deduct	-3.05	
05 05 23 00-0644	EA		1" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	27.86	
			For >100 To 250, Deduct	-2.07	
			For >250 To 500, Deduct	-2.59	
			For >500, Deduct	-3.11	
05 05 23 00-0645	EA		1" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	28.76	
			For >100 To 250, Deduct	-2.07	
			For >250 To 500, Deduct	-2.59	
			For >500, Deduct	-3.11	
05 05 23 00-0646	EA		1" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	33.23	
			For >100 To 250, Deduct	-2.07	
			For >250 To 500, Deduct	-2.59	
			For >500, Deduct	-3.11	
05 05 23 00-0647	EA		1" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	34.11	
			For >100 To 250, Deduct	-2.11	
			For >250 To 500, Deduct	-2.64	
			For >500, Deduct	-3.16	
05 05 23 00-0648	EA		1" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	39.16	
			For >100 To 250, Deduct	-2.11	
			For >250 To 500, Deduct	-2.64	
			For >500, Deduct	-3.16	
05 05 23 00-0649	EA		1" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	40.03	
			For >100 To 250, Deduct	-2.11	
			For >250 To 500, Deduct	-2.64	
			For >500, Deduct	-3.16	
05 05 23 00-0650	EA		1" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	42.92	
			For >100 To 250, Deduct	-2.15	
			For >250 To 500, Deduct	-2.69	
			For >500, Deduct	-3.22	
05 05 23 00-0651	EA		1" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	44.39	
			For >100 To 250, Deduct	-2.15	
			For >250 To 500, Deduct	-2.69	
			For >500, Deduct	-3.22	
05 05 23 00-0652	EA		1" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	48.23	
			For >100 To 250, Deduct	-2.15	
			For >250 To 500, Deduct	-2.69	
			For >500, Deduct	-3.22	
05 05 23 00-0653	EA		1" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	50.58	
			For >100 To 250, Deduct	-2.15	
			For >250 To 500, Deduct	-2.69	
			For >500, Deduct	-3.22	
05 05 23 00-0654			Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0097)		
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	7.22	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0657	EA		1/4" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.24	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
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.....	7.26	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0659	EA		1/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	7.54	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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.....	7.86	
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0661	EA	1/4"	Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.02	
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
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.....	8.09	
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0663	EA	1/4"	Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.31	
			For >100 To 250, Deduct	-1.45	
			For >250 To 500, Deduct	-1.81	
			For >500, Deduct	-2.17	
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.....	8.50	
			For >100 To 250, Deduct	-1.45	
			For >250 To 500, Deduct	-1.81	
			For >500, Deduct	-2.17	
05 05 23 00-0665	EA	1/4"	Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.55	
			For >100 To 250, Deduct	-1.45	
			For >250 To 500, Deduct	-1.81	
			For >500, Deduct	-2.17	
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.....	8.87	
			For >100 To 250, Deduct	-1.48	
			For >250 To 500, Deduct	-1.86	
			For >500, Deduct	-2.23	
05 05 23 00-0667	EA	1/4"	Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.04	
			For >100 To 250, Deduct	-1.48	
			For >250 To 500, Deduct	-1.86	
			For >500, Deduct	-2.23	
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.....	9.10	
			For >100 To 250, Deduct	-1.48	
			For >250 To 500, Deduct	-1.86	
			For >500, Deduct	-2.23	
05 05 23 00-0669	EA	1/4"	Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.44	
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-1.90	
			For >500, Deduct	-2.28	
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.....	9.90	
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-1.90	
			For >500, Deduct	-2.28	
05 05 23 00-0671	EA	1/4"	Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.48	
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-1.90	
			For >500, Deduct	-2.28	
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.....	7.10	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0674	EA	5/16"	Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.62	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
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.....	7.67	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0676	EA	5/16"	Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.69	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
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.....	8.12	
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0678	EA	5/16"	Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.62	
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
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.....	8.71	
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0680	EA	5/16"	Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.05	
			For >100 To 250, Deduct	-1.45	
			For >250 To 500, Deduct	-1.81	
			For >500, Deduct	-2.17	

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 00-0681	EA	5/16" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.09	
		For>100 To 250, Deduct	-1.45	
		For>250 To 500, Deduct	-1.81	
		For>500, Deduct	-2.17	
05 05 23 00-0682	EA	5/16" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.49	
		For>100 To 250, Deduct	-1.45	
		For>250 To 500, Deduct	-1.81	
		For>500, Deduct	-2.17	
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.....	9.79	
		For>100 To 250, Deduct	-1.48	
		For>250 To 500, Deduct	-1.86	
		For>500, Deduct	-2.23	
05 05 23 00-0684	EA	5/16" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.94	
		For>100 To 250, Deduct	-1.48	
		For>250 To 500, Deduct	-1.86	
		For>500, Deduct	-2.23	
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.....	10.32	
		For>100 To 250, Deduct	-1.48	
		For>250 To 500, Deduct	-1.86	
		For>500, Deduct	-2.23	
05 05 23 00-0686	EA	5/16" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.27	
		For>100 To 250, Deduct	-1.52	
		For>250 To 500, Deduct	-1.90	
		For>500, Deduct	-2.28	
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.....	11.88	
		For>100 To 250, Deduct	-1.52	
		For>250 To 500, Deduct	-1.90	
		For>500, Deduct	-2.28	
05 05 23 00-0688	EA	5/16" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.45	
		For>100 To 250, Deduct	-1.52	
		For>250 To 500, Deduct	-1.90	
		For>500, Deduct	-2.28	
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.....	7.26	
		For>100 To 250, Deduct	-1.37	
		For>250 To 500, Deduct	-1.71	
		For>500, Deduct	-2.05	
05 05 23 00-0691	EA	3/8" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.38	
		For>100 To 250, Deduct	-1.37	
		For>250 To 500, Deduct	-1.71	
		For>500, Deduct	-2.05	
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.....	7.51	
		For>100 To 250, Deduct	-1.37	
		For>250 To 500, Deduct	-1.71	
		For>500, Deduct	-2.05	
05 05 23 00-0693	EA	3/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.83	
		For>100 To 250, Deduct	-1.37	
		For>250 To 500, Deduct	-1.71	
		For>500, Deduct	-2.05	
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.....	8.16	
		For>100 To 250, Deduct	-1.41	
		For>250 To 500, Deduct	-1.76	
		For>500, Deduct	-2.11	
05 05 23 00-0695	EA	3/8" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.43	
		For>100 To 250, Deduct	-1.41	
		For>250 To 500, Deduct	-1.76	
		For>500, Deduct	-2.11	
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.....	8.62	
		For>100 To 250, Deduct	-1.41	
		For>250 To 500, Deduct	-1.76	
		For>500, Deduct	-2.11	
05 05 23 00-0697	EA	3/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.08	
		For>100 To 250, Deduct	-1.45	
		For>250 To 500, Deduct	-1.81	
		For>500, Deduct	-2.17	
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.....	9.21	
		For>100 To 250, Deduct	-1.45	
		For>250 To 500, Deduct	-1.81	
		For>500, Deduct	-2.17	
05 05 23 00-0699	EA	3/8" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.54	
		For>100 To 250, Deduct	-1.45	
		For>250 To 500, Deduct	-1.81	
		For>500, Deduct	-2.17	
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.....	9.86	
		For>100 To 250, Deduct	-1.48	
		For>250 To 500, Deduct	-1.86	
		For>500, Deduct	-2.23	
05 05 23 00-0701	EA	3/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.31	
		For>100 To 250, Deduct	-1.48	
		For>250 To 500, Deduct	-1.86	
		For>500, Deduct	-2.23	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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.....	10.38	
			For >100 To 250, Deduct	-1.48	
			For >250 To 500, Deduct	-1.66	
			For >500, Deduct	-2.23	
05 05 23 00-0703	EA		3/8" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.60	
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-1.90	
			For >500, Deduct	-2.28	
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.....	10.65	
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-1.90	
			For >500, Deduct	-2.28	
05 05 23 00-0705	EA		3/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.17	
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-1.90	
			For >500, Deduct	-2.28	
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.....	9.02	
			For >100 To 250, Deduct	-1.56	
			For >250 To 500, Deduct	-1.95	
			For >500, Deduct	-2.34	
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.....	9.60	
			For >100 To 250, Deduct	-1.56	
			For >250 To 500, Deduct	-1.95	
			For >500, Deduct	-2.34	
05 05 23 00-0709	EA		7/16" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.04	
			For >100 To 250, Deduct	-1.56	
			For >250 To 500, Deduct	-1.95	
			For >500, Deduct	-2.34	
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.....	10.98	
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.00	
			For >500, Deduct	-2.40	
05 05 23 00-0711	EA		7/16" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.01	
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.00	
			For >500, Deduct	-2.40	
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.....	11.05	
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.00	
			For >500, Deduct	-2.40	
05 05 23 00-0713	EA		7/16" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.61	
			For >100 To 250, Deduct	-1.64	
			For >250 To 500, Deduct	-2.05	
			For >500, Deduct	-2.46	
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.....	12.02	
			For >100 To 250, Deduct	-1.64	
			For >250 To 500, Deduct	-2.05	
			For >500, Deduct	-2.46	
05 05 23 00-0715	EA		7/16" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.39	
			For >100 To 250, Deduct	-1.64	
			For >250 To 500, Deduct	-2.05	
			For >500, Deduct	-2.46	
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.....	13.01	
			For >100 To 250, Deduct	-1.68	
			For >250 To 500, Deduct	-2.10	
			For >500, Deduct	-2.52	
05 05 23 00-0717	EA		7/16" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.44	
			For >100 To 250, Deduct	-1.68	
			For >250 To 500, Deduct	-2.10	
			For >500, Deduct	-2.52	
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.....	8.77	
			For >100 To 250, Deduct	-1.56	
			For >250 To 500, Deduct	-1.95	
			For >500, Deduct	-2.34	
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.....	8.96	
			For >100 To 250, Deduct	-1.56	
			For >250 To 500, Deduct	-1.95	
			For >500, Deduct	-2.34	
05 05 23 00-0721	EA		1/2" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.33	
			For >100 To 250, Deduct	-1.56	
			For >250 To 500, Deduct	-1.95	
			For >500, Deduct	-2.34	
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.....	9.95	
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.00	
			For >500, Deduct	-2.40	

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 00-0723	EA	1/2" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.24		
		For >100 To 250, Deduct	-1.60		
		For >250 To 500, Deduct	-2.00		
		For >500, Deduct	-2.40		
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	10.78		
		For >100 To 250, Deduct	-1.60		
		For >250 To 500, Deduct	-2.00		
		For >500, Deduct	-2.40		
05 05 23 00-0725	EA	1/2" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.06		
		For >100 To 250, Deduct	-1.64		
		For >250 To 500, Deduct	-2.05		
		For >500, Deduct	-2.46		
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	11.26		
		For >100 To 250, Deduct	-1.64		
		For >250 To 500, Deduct	-2.05		
		For >500, Deduct	-2.46		
05 05 23 00-0727	EA	1/2" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.69		
		For >100 To 250, Deduct	-1.64		
		For >250 To 500, Deduct	-2.05		
		For >500, Deduct	-2.46		
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	12.09		
		For >100 To 250, Deduct	-1.68		
		For >250 To 500, Deduct	-2.10		
		For >500, Deduct	-2.52		
05 05 23 00-0729	EA	1/2" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.57		
		For >100 To 250, Deduct	-1.68		
		For >250 To 500, Deduct	-2.10		
		For >500, Deduct	-2.52		
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	12.61		
		For >100 To 250, Deduct	-1.68		
		For >250 To 500, Deduct	-2.10		
		For >500, Deduct	-2.52		
05 05 23 00-0731	EA	1/2" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	12.89		
		For >100 To 250, Deduct	-1.72		
		For >250 To 500, Deduct	-2.15		
		For >500, Deduct	-2.58		
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	13.02		
		For >100 To 250, Deduct	-1.72		
		For >250 To 500, Deduct	-2.15		
		For >500, Deduct	-2.58		
05 05 23 00-0733	EA	1/2" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	13.38		
		For >100 To 250, Deduct	-1.72		
		For >250 To 500, Deduct	-2.15		
		For >500, Deduct	-2.58		
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	15.29		
		For >100 To 250, Deduct	-1.76		
		For >250 To 500, Deduct	-2.20		
		For >500, Deduct	-2.64		
05 05 23 00-0735	EA	1/2" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.58		
		For >100 To 250, Deduct	-1.76		
		For >250 To 500, Deduct	-2.20		
		For >500, Deduct	-2.64		
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	15.64		
		For >100 To 250, Deduct	-1.76		
		For >250 To 500, Deduct	-2.20		
		For >500, Deduct	-2.64		
05 05 23 00-0737	EA	1/2" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	15.81		
		For >100 To 250, Deduct	-1.76		
		For >250 To 500, Deduct	-2.20		
		For >500, Deduct	-2.64		
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	10.42		
		For >100 To 250, Deduct	-1.76		
		For >250 To 500, Deduct	-2.20		
		For >500, Deduct	-2.64		
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	10.71		
		For >100 To 250, Deduct	-1.76		
		For >250 To 500, Deduct	-2.20		
		For >500, Deduct	-2.64		
05 05 23 00-0741	EA	5/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	10.91		
		For >100 To 250, Deduct	-1.76		
		For >250 To 500, Deduct	-2.20		
		For >500, Deduct	-2.64		
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	11.42		
		For >100 To 250, Deduct	-1.80		
		For >250 To 500, Deduct	-2.25		
		For >500, Deduct	-2.69		
05 05 23 00-0743	EA	5/8" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	11.85		
		For >100 To 250, Deduct	-1.80		
		For >250 To 500, Deduct	-2.25		
		For >500, Deduct	-2.69		



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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.....	12.80	
			For >100 To 250, Deduct	-1.80	
			For >250 To 500, Deduct	-2.25	
			For >500, Deduct	-2.69	
05 05 23 00-0745	EA		5/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.14	
			For >100 To 250, Deduct	-1.83	
			For >250 To 500, Deduct	-2.29	
			For >500, Deduct	-2.75	
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.....	13.31	
			For >100 To 250, Deduct	-1.83	
			For >250 To 500, Deduct	-2.29	
			For >500, Deduct	-2.75	
05 05 23 00-0747	EA		5/8" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.60	
			For >100 To 250, Deduct	-1.83	
			For >250 To 500, Deduct	-2.29	
			For >500, Deduct	-2.75	
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.....	14.18	
			For >100 To 250, Deduct	-1.87	
			For >250 To 500, Deduct	-2.34	
			For >500, Deduct	-2.81	
05 05 23 00-0749	EA		5/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.51	
			For >100 To 250, Deduct	-1.87	
			For >250 To 500, Deduct	-2.34	
			For >500, Deduct	-2.81	
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.....	15.49	
			For >100 To 250, Deduct	-1.87	
			For >250 To 500, Deduct	-2.34	
			For >500, Deduct	-2.81	
05 05 23 00-0751	EA		5/8" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	15.74	
			For >100 To 250, Deduct	-1.91	
			For >250 To 500, Deduct	-2.39	
			For >500, Deduct	-2.87	
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.....	17.45	
			For >100 To 250, Deduct	-1.91	
			For >250 To 500, Deduct	-2.39	
			For >500, Deduct	-2.87	
05 05 23 00-0753	EA		5/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	17.96	
			For >100 To 250, Deduct	-1.91	
			For >250 To 500, Deduct	-2.39	
			For >500, Deduct	-2.87	
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.....	18.87	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	
05 05 23 00-0755	EA		5/8" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	19.68	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	
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.....	21.53	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	
05 05 23 00-0757	EA		5/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	21.67	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	
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.....	11.81	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
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.....	11.87	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-0761	EA		3/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.22	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
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.....	13.21	
			For >100 To 250, Deduct	-1.80	
			For >250 To 500, Deduct	-2.25	
			For >500, Deduct	-2.69	
05 05 23 00-0763	EA		3/4" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.54	
			For >100 To 250, Deduct	-1.80	
			For >250 To 500, Deduct	-2.25	
			For >500, Deduct	-2.69	
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.....	15.39	
			For >100 To 250, Deduct	-1.80	
			For >250 To 500, Deduct	-2.25	
			For >500, Deduct	-2.69	

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 00-0765	EA	3/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.04		
		For >100 To 250, Deduct	-1.83		
		For >250 To 500, Deduct	-2.29		
		For >500, Deduct	-2.75		
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	16.12		
		For >100 To 250, Deduct	-1.83		
		For >250 To 500, Deduct	-2.29		
		For >500, Deduct	-2.75		
05 05 23 00-0767	EA	3/4" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.30		
		For >100 To 250, Deduct	-1.83		
		For >250 To 500, Deduct	-2.29		
		For >500, Deduct	-2.75		
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	16.62		
		For >100 To 250, Deduct	-1.87		
		For >250 To 500, Deduct	-2.34		
		For >500, Deduct	-2.81		
05 05 23 00-0769	EA	3/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	17.75		
		For >100 To 250, Deduct	-1.87		
		For >250 To 500, Deduct	-2.34		
		For >500, Deduct	-2.81		
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	18.22		
		For >100 To 250, Deduct	-1.87		
		For >250 To 500, Deduct	-2.34		
		For >500, Deduct	-2.81		
05 05 23 00-0771	EA	3/4" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	19.33		
		For >100 To 250, Deduct	-1.91		
		For >250 To 500, Deduct	-2.39		
		For >500, Deduct	-2.87		
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	19.48		
		For >100 To 250, Deduct	-1.91		
		For >250 To 500, Deduct	-2.39		
		For >500, Deduct	-2.87		
05 05 23 00-0773	EA	3/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	19.94		
		For >100 To 250, Deduct	-1.91		
		For >250 To 500, Deduct	-2.39		
		For >500, Deduct	-2.87		
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	20.83		
		For >100 To 250, Deduct	-1.95		
		For >250 To 500, Deduct	-2.44		
		For >500, Deduct	-2.93		
05 05 23 00-0775	EA	3/4" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	21.32		
		For >100 To 250, Deduct	-1.95		
		For >250 To 500, Deduct	-2.44		
		For >500, Deduct	-2.93		
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	21.59		
		For >100 To 250, Deduct	-1.95		
		For >250 To 500, Deduct	-2.44		
		For >500, Deduct	-2.93		
05 05 23 00-0777	EA	3/4" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	21.73		
		For >100 To 250, Deduct	-1.95		
		For >250 To 500, Deduct	-2.44		
		For >500, Deduct	-2.93		
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	15.55		
		For >100 To 250, Deduct	-1.95		
		For >250 To 500, Deduct	-2.44		
		For >500, Deduct	-2.93		
05 05 23 00-0780	EA	7/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	16.10		
		For >100 To 250, Deduct	-1.95		
		For >250 To 500, Deduct	-2.44		
		For >500, Deduct	-2.93		
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	16.60		
		For >100 To 250, Deduct	-1.99		
		For >250 To 500, Deduct	-2.49		
		For >500, Deduct	-2.99		
05 05 23 00-0782	EA	7/8" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	19.46		
		For >100 To 250, Deduct	-1.99		
		For >250 To 500, Deduct	-2.49		
		For >500, Deduct	-2.99		
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	19.88		
		For >100 To 250, Deduct	-1.99		
		For >250 To 500, Deduct	-2.49		
		For >500, Deduct	-2.99		
05 05 23 00-0784	EA	7/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt	20.62		
		For >100 To 250, Deduct	-2.03		
		For >250 To 500, Deduct	-2.54		
		For >500, Deduct	-3.05		
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	21.22		
		For >100 To 250, Deduct	-2.03		
		For >250 To 500, Deduct	-2.54		
		For >500, Deduct	-3.05		



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0786	EA		7/8" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	21.98	
			For >100 To 250, Deduct	-2.03	
			For >250 To 500, Deduct	-2.54	
			For >500, Deduct	-3.05	
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.....	22.72	
			For >100 To 250, Deduct	-2.07	
			For >250 To 500, Deduct	-2.59	
			For >500, Deduct	-3.11	
05 05 23 00-0788	EA		7/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	23.31	
			For >100 To 250, Deduct	-2.07	
			For >250 To 500, Deduct	-2.59	
			For >500, Deduct	-3.11	
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.....	28.03	
			For >100 To 250, Deduct	-2.07	
			For >250 To 500, Deduct	-2.59	
			For >500, Deduct	-3.11	
05 05 23 00-0790	EA		7/8" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	28.87	
			For >100 To 250, Deduct	-2.11	
			For >250 To 500, Deduct	-2.64	
			For >500, Deduct	-3.16	
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.....	29.97	
			For >100 To 250, Deduct	-2.11	
			For >250 To 500, Deduct	-2.64	
			For >500, Deduct	-3.16	
05 05 23 00-0792	EA		7/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	30.23	
			For >100 To 250, Deduct	-2.11	
			For >250 To 500, Deduct	-2.64	
			For >500, Deduct	-3.16	
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.....	30.74	
			For >100 To 250, Deduct	-2.15	
			For >250 To 500, Deduct	-2.69	
			For >500, Deduct	-3.22	
05 05 23 00-0794	EA		7/8" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	31.35	
			For >100 To 250, Deduct	-2.15	
			For >250 To 500, Deduct	-2.69	
			For >500, Deduct	-3.22	
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.....	32.11	
			For >100 To 250, Deduct	-2.15	
			For >250 To 500, Deduct	-2.69	
			For >500, Deduct	-3.22	
05 05 23 00-0796	EA		7/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	32.83	
			For >100 To 250, Deduct	-2.15	
			For >250 To 500, Deduct	-2.69	
			For >500, Deduct	-3.22	
05 05 23 00-0797			1" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts (05 05 23 00-0804)		
05 05 23 00-0798	EA		1" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	19.38	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	
05 05 23 00-0799	EA		1" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	19.75	
			For >100 To 250, Deduct	-1.99	
			For >250 To 500, Deduct	-2.49	
			For >500, Deduct	-2.99	
05 05 23 00-0800	EA		1" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	20.77	
			For >100 To 250, Deduct	-1.99	
			For >250 To 500, Deduct	-2.49	
			For >500, Deduct	-2.99	
05 05 23 00-0801	EA		1" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	21.58	
			For >100 To 250, Deduct	-1.99	
			For >250 To 500, Deduct	-2.49	
			For >500, Deduct	-2.99	
05 05 23 00-0802	EA		1" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	23.61	
			For >100 To 250, Deduct	-2.03	
			For >250 To 500, Deduct	-2.54	
			For >500, Deduct	-3.05	
05 05 23 00-0803	EA		1" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	24.03	
			For >100 To 250, Deduct	-2.03	
			For >250 To 500, Deduct	-2.54	
			For >500, Deduct	-3.05	
05 05 23 00-0804	EA		1" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	25.22	
			For >100 To 250, Deduct	-2.03	
			For >250 To 500, Deduct	-2.54	
			For >500, Deduct	-3.05	
05 05 23 00-0805	EA		1" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	25.54	
			For >100 To 250, Deduct	-2.07	
			For >250 To 500, Deduct	-2.59	
			For >500, Deduct	-3.11	
05 05 23 00-0806	EA		1" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	25.98	
			For >100 To 250, Deduct	-2.07	
			For >250 To 500, Deduct	-2.59	
			For >500, Deduct	-3.11	

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 00-0807	EA		1" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	30.03	
			For >100 To 250, Deduct	-2.07	
			For >250 To 500, Deduct	-2.59	
			For >500, Deduct	-3.11	
05 05 23 00-0808	EA		1" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	30.98	
			For >100 To 250, Deduct	-2.11	
			For >250 To 500, Deduct	-2.64	
			For >500, Deduct	-3.16	
05 05 23 00-0809	EA		1" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	32.68	
			For >100 To 250, Deduct	-2.11	
			For >250 To 500, Deduct	-2.64	
			For >500, Deduct	-3.16	
05 05 23 00-0810	EA		1" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	34.35	
			For >100 To 250, Deduct	-2.11	
			For >250 To 500, Deduct	-2.64	
			For >500, Deduct	-3.16	
05 05 23 00-0811	EA		1" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	35.06	
			For >100 To 250, Deduct	-2.15	
			For >250 To 500, Deduct	-2.69	
			For >500, Deduct	-3.22	
05 05 23 00-0812	EA		1" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	36.42	
			For >100 To 250, Deduct	-2.15	
			For >250 To 500, Deduct	-2.69	
			For >500, Deduct	-3.22	
05 05 23 00-0813	EA		1" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	37.45	
			For >100 To 250, Deduct	-2.15	
			For >250 To 500, Deduct	-2.69	
			For >500, Deduct	-3.22	
05 05 23 00-0814	EA		1" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	38.98	
			For >100 To 250, Deduct	-2.15	
			For >250 To 500, Deduct	-2.69	
			For >500, Deduct	-3.22	
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.....	7.20	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0818	EA		1/4" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	7.34	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0819	EA		1/4" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	7.52	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0820	EA		1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	7.71	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0821	EA		1/4" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	8.09	
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0822	EA		1/4" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	8.37	
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0823	EA		1/4" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	8.71	
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0824	EA		1/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	9.16	
			For >100 To 250, Deduct	-1.45	
			For >250 To 500, Deduct	-1.81	
			For >500, Deduct	-2.17	
05 05 23 00-0825	EA		1/4" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	9.57	
			For >100 To 250, Deduct	-1.45	
			For >250 To 500, Deduct	-1.81	
			For >500, Deduct	-2.17	
05 05 23 00-0826	EA		1/4" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	9.95	
			For >100 To 250, Deduct	-1.45	
			For >250 To 500, Deduct	-1.81	
			For >500, Deduct	-2.17	
05 05 23 00-0827	EA		1/4" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	10.45	
			For >100 To 250, Deduct	-1.48	
			For >250 To 500, Deduct	-1.86	
			For >500, Deduct	-2.23	
05 05 23 00-0828	EA		1/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	11.07	
			For >100 To 250, Deduct	-1.48	
			For >250 To 500, Deduct	-1.86	
			For >500, Deduct	-2.23	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0829	EA	1/4"	Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	18.55	
			For >100 To 250, Deduct	-1.48	
			For >250 To 500, Deduct	-1.86	
			For >500, Deduct	-2.23	
05 05 23 00-0830	EA	1/4"	Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	22.40	
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-1.90	
			For >500, Deduct	-2.28	
05 05 23 00-0831	EA	1/4"	Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	22.75	
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-1.90	
			For >500, Deduct	-2.28	
05 05 23 00-0832	EA	1/4"	Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	23.59	
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-1.90	
			For >500, Deduct	-2.28	
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.....	7.46	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0835	EA	5/16"	Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	7.59	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0836	EA	5/16"	Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	7.86	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0837	EA	5/16"	Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	8.07	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0838	EA	5/16"	Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	8.66	
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0839	EA	5/16"	Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	8.79	
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0840	EA	5/16"	Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	9.49	
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0841	EA	5/16"	Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	10.18	
			For >100 To 250, Deduct	-1.45	
			For >250 To 500, Deduct	-1.81	
			For >500, Deduct	-2.17	
05 05 23 00-0842	EA	5/16"	Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	10.96	
			For >100 To 250, Deduct	-1.45	
			For >250 To 500, Deduct	-1.81	
			For >500, Deduct	-2.17	
05 05 23 00-0843	EA	5/16"	Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	11.35	
			For >100 To 250, Deduct	-1.45	
			For >250 To 500, Deduct	-1.81	
			For >500, Deduct	-2.17	
05 05 23 00-0844	EA	5/16"	Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	12.73	
			For >100 To 250, Deduct	-1.48	
			For >250 To 500, Deduct	-1.86	
			For >500, Deduct	-2.23	
05 05 23 00-0845	EA	5/16"	Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	14.69	
			For >100 To 250, Deduct	-1.48	
			For >250 To 500, Deduct	-1.86	
			For >500, Deduct	-2.23	
05 05 23 00-0846	EA	5/16"	Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	19.14	
			For >100 To 250, Deduct	-1.48	
			For >250 To 500, Deduct	-1.86	
			For >500, Deduct	-2.23	
05 05 23 00-0847	EA	5/16"	Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	26.54	
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-1.90	
			For >500, Deduct	-2.28	
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.....	7.79	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	

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 00-0850	EA	3/8" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	.....	7.96	
		For >100 To 250, Deduct		-1.37	
		For >250 To 500, Deduct		-1.71	
		For >500, Deduct		-2.05	
05 05 23 00-0851	EA	3/8" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	.....	8.38	
		For >100 To 250, Deduct		-1.37	
		For >250 To 500, Deduct		-1.71	
		For >500, Deduct		-2.05	
05 05 23 00-0852	EA	3/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	.....	8.91	
		For >100 To 250, Deduct		-1.37	
		For >250 To 500, Deduct		-1.71	
		For >500, Deduct		-2.05	
05 05 23 00-0853	EA	3/8" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	.....	9.37	
		For >100 To 250, Deduct		-1.41	
		For >250 To 500, Deduct		-1.76	
		For >500, Deduct		-2.11	
05 05 23 00-0854	EA	3/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	.....	9.80	
		For >100 To 250, Deduct		-1.41	
		For >250 To 500, Deduct		-1.76	
		For >500, Deduct		-2.11	
05 05 23 00-0855	EA	3/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	.....	10.37	
		For >100 To 250, Deduct		-1.41	
		For >250 To 500, Deduct		-1.76	
		For >500, Deduct		-2.11	
05 05 23 00-0856	EA	3/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	.....	11.08	
		For >100 To 250, Deduct		-1.45	
		For >250 To 500, Deduct		-1.81	
		For >500, Deduct		-2.17	
05 05 23 00-0857	EA	3/8" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	.....	11.74	
		For >100 To 250, Deduct		-1.45	
		For >250 To 500, Deduct		-1.81	
		For >500, Deduct		-2.17	
05 05 23 00-0858	EA	3/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	.....	13.21	
		For >100 To 250, Deduct		-1.45	
		For >250 To 500, Deduct		-1.81	
		For >500, Deduct		-2.17	
05 05 23 00-0859	EA	3/8" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	.....	13.57	
		For >100 To 250, Deduct		-1.48	
		For >250 To 500, Deduct		-1.86	
		For >500, Deduct		-2.23	
05 05 23 00-0860	EA	3/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	.....	14.78	
		For >100 To 250, Deduct		-1.48	
		For >250 To 500, Deduct		-1.86	
		For >500, Deduct		-2.23	
05 05 23 00-0861	EA	3/8" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	.....	17.36	
		For >100 To 250, Deduct		-1.48	
		For >250 To 500, Deduct		-1.86	
		For >500, Deduct		-2.23	
05 05 23 00-0862	EA	3/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	.....	18.16	
		For >100 To 250, Deduct		-1.52	
		For >250 To 500, Deduct		-1.90	
		For >500, Deduct		-2.28	
05 05 23 00-0863	EA	3/8" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	.....	18.53	
		For >100 To 250, Deduct		-1.52	
		For >250 To 500, Deduct		-1.90	
		For >500, Deduct		-2.28	
05 05 23 00-0864	EA	3/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	.....	21.11	
		For >100 To 250, Deduct		-1.52	
		For >250 To 500, Deduct		-1.90	
		For >500, Deduct		-2.28	
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	.....	10.13	
		For >100 To 250, Deduct		-1.56	
		For >250 To 500, Deduct		-1.95	
		For >500, Deduct		-2.34	
05 05 23 00-0867	EA	7/16" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	.....	10.31	
		For >100 To 250, Deduct		-1.56	
		For >250 To 500, Deduct		-1.95	
		For >500, Deduct		-2.34	
05 05 23 00-0868	EA	7/16" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	.....	10.99	
		For >100 To 250, Deduct		-1.56	
		For >250 To 500, Deduct		-1.95	
		For >500, Deduct		-2.34	
05 05 23 00-0869	EA	7/16" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	.....	11.59	
		For >100 To 250, Deduct		-1.60	
		For >250 To 500, Deduct		-2.00	
		For >500, Deduct		-2.40	
05 05 23 00-0870	EA	7/16" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	.....	12.41	
		For >100 To 250, Deduct		-1.60	
		For >250 To 500, Deduct		-2.00	
		For >500, Deduct		-2.40	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0871	EA		7/16" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	13.78	
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.00	
			For >500, Deduct	-2.40	
05 05 23 00-0872	EA		7/16" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	14.60	
			For >100 To 250, Deduct	-1.64	
			For >250 To 500, Deduct	-2.05	
			For >500, Deduct	-2.46	
05 05 23 00-0873	EA		7/16" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	16.20	
			For >100 To 250, Deduct	-1.64	
			For >250 To 500, Deduct	-2.05	
			For >500, Deduct	-2.46	
05 05 23 00-0874	EA		7/16" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	16.90	
			For >100 To 250, Deduct	-1.64	
			For >250 To 500, Deduct	-2.05	
			For >500, Deduct	-2.46	
05 05 23 00-0875	EA		7/16" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	19.30	
			For >100 To 250, Deduct	-1.68	
			For >250 To 500, Deduct	-2.10	
			For >500, Deduct	-2.52	
05 05 23 00-0876	EA		7/16" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	21.74	
			For >100 To 250, Deduct	-1.68	
			For >250 To 500, Deduct	-2.10	
			For >500, Deduct	-2.52	
05 05 23 00-0877	EA		7/16" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	22.07	
			For >100 To 250, Deduct	-1.68	
			For >250 To 500, Deduct	-2.10	
			For >500, Deduct	-2.52	
05 05 23 00-0878	EA		7/16" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	22.56	
			For >100 To 250, Deduct	-1.72	
			For >250 To 500, Deduct	-2.15	
			For >500, Deduct	-2.58	
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.....	10.11	
			For >100 To 250, Deduct	-1.56	
			For >250 To 500, Deduct	-1.95	
			For >500, Deduct	-2.34	
05 05 23 00-0881	EA		1/2" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	10.31	
			For >100 To 250, Deduct	-1.56	
			For >250 To 500, Deduct	-1.95	
			For >500, Deduct	-2.34	
05 05 23 00-0882	EA		1/2" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	11.38	
			For >100 To 250, Deduct	-1.56	
			For >250 To 500, Deduct	-1.95	
			For >500, Deduct	-2.34	
05 05 23 00-0883	EA		1/2" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	12.00	
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.00	
			For >500, Deduct	-2.40	
05 05 23 00-0884	EA		1/2" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	12.98	
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.00	
			For >500, Deduct	-2.40	
05 05 23 00-0885	EA		1/2" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	13.51	
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.00	
			For >500, Deduct	-2.40	
05 05 23 00-0886	EA		1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	14.34	
			For >100 To 250, Deduct	-1.64	
			For >250 To 500, Deduct	-2.05	
			For >500, Deduct	-2.46	
05 05 23 00-0887	EA		1/2" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	14.81	
			For >100 To 250, Deduct	-1.64	
			For >250 To 500, Deduct	-2.05	
			For >500, Deduct	-2.46	
05 05 23 00-0888	EA		1/2" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	17.37	
			For >100 To 250, Deduct	-1.64	
			For >250 To 500, Deduct	-2.05	
			For >500, Deduct	-2.46	
05 05 23 00-0889	EA		1/2" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	18.28	
			For >100 To 250, Deduct	-1.68	
			For >250 To 500, Deduct	-2.10	
			For >500, Deduct	-2.52	
05 05 23 00-0890	EA		1/2" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	19.44	
			For >100 To 250, Deduct	-1.68	
			For >250 To 500, Deduct	-2.10	
			For >500, Deduct	-2.52	
05 05 23 00-0891	EA		1/2" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	20.74	
			For >100 To 250, Deduct	-1.68	
			For >250 To 500, Deduct	-2.10	
			For >500, Deduct	-2.52	

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 00-0892	EA	1/2"	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>	22.87 -1.72 -2.15 -2.58	
05 05 23 00-0893	EA	1/2"	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>	23.65 -1.72 -2.15 -2.58	
05 05 23 00-0894	EA	1/2"	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>	24.88 -1.72 -2.15 -2.58	
05 05 23 00-0895	EA	1/2"	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>	31.10 -1.76 -2.20 -2.64	
05 05 23 00-0896	EA	1/2"	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>	31.59 -1.76 -2.20 -2.64	
05 05 23 00-0897	EA	1/2"	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>	34.98 -1.76 -2.20 -2.64	
05 05 23 00-0898	EA	1/2"	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>	38.36 -1.76 -2.20 -2.64	
05 05 23 00-0899			9/16" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts (05 05 23 00-0815)		
05 05 23 00-0900	EA	9/16"	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>	15.74 -1.56 -1.95 -2.34	
05 05 23 00-0901	EA	9/16"	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>	17.97 -1.56 -1.95 -2.34	
05 05 23 00-0902	EA	9/16"	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>	21.87 -1.56 -1.95 -2.34	
05 05 23 00-0903	EA	9/16"	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>	22.85 -1.60 -2.00 -2.40	
05 05 23 00-0904	EA	9/16"	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>	24.23 -1.60 -2.00 -2.40	
05 05 23 00-0905	EA	9/16"	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>	26.65 -1.60 -2.00 -2.40	
05 05 23 00-0906	EA	9/16"	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>	30.40 -1.64 -2.05 -2.46	
05 05 23 00-0907	EA	9/16"	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>	30.95 -1.64 -2.05 -2.46	
05 05 23 00-0908	EA	9/16"	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>	36.06 -1.64 -2.05 -2.46	
05 05 23 00-0909	EA	9/16"	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>	38.68 -1.68 -2.10 -2.52	
05 05 23 00-0910	EA	9/16"	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>	41.41 -1.68 -2.10 -2.52	
05 05 23 00-0911			5/8" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts (05 05 23 00-0815)		
05 05 23 00-0912	EA	5/8"	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>	12.99 -1.76 -2.20 -2.64	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0913	EA	5/8" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	.....	13.50	
		For >100 To 250, Deduct	.....	-1.76	
		For >250 To 500, Deduct	.....	-2.20	
		For >500, Deduct	.....	-2.64	
05 05 23 00-0914	EA	5/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	.....	15.63	
		For >100 To 250, Deduct	.....	-1.76	
		For >250 To 500, Deduct	.....	-2.20	
		For >500, Deduct	.....	-2.64	
05 05 23 00-0915	EA	5/8" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	.....	16.17	
		For >100 To 250, Deduct	.....	-1.80	
		For >250 To 500, Deduct	.....	-2.25	
		For >500, Deduct	.....	-2.69	
05 05 23 00-0916	EA	5/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	.....	17.18	
		For >100 To 250, Deduct	.....	-1.80	
		For >250 To 500, Deduct	.....	-2.25	
		For >500, Deduct	.....	-2.69	
05 05 23 00-0917	EA	5/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	.....	18.63	
		For >100 To 250, Deduct	.....	-1.80	
		For >250 To 500, Deduct	.....	-2.25	
		For >500, Deduct	.....	-2.69	
05 05 23 00-0918	EA	5/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	.....	20.64	
		For >100 To 250, Deduct	.....	-1.83	
		For >250 To 500, Deduct	.....	-2.29	
		For >500, Deduct	.....	-2.75	
05 05 23 00-0919	EA	5/8" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	.....	20.66	
		For >100 To 250, Deduct	.....	-1.83	
		For >250 To 500, Deduct	.....	-2.29	
		For >500, Deduct	.....	-2.75	
05 05 23 00-0920	EA	5/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	.....	22.28	
		For >100 To 250, Deduct	.....	-1.83	
		For >250 To 500, Deduct	.....	-2.29	
		For >500, Deduct	.....	-2.75	
05 05 23 00-0921	EA	5/8" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	.....	23.39	
		For >100 To 250, Deduct	.....	-1.87	
		For >250 To 500, Deduct	.....	-2.34	
		For >500, Deduct	.....	-2.81	
05 05 23 00-0922	EA	5/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	.....	24.86	
		For >100 To 250, Deduct	.....	-1.87	
		For >250 To 500, Deduct	.....	-2.34	
		For >500, Deduct	.....	-2.81	
05 05 23 00-0923	EA	5/8" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	.....	30.21	
		For >100 To 250, Deduct	.....	-1.87	
		For >250 To 500, Deduct	.....	-2.34	
		For >500, Deduct	.....	-2.81	
05 05 23 00-0924	EA	5/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	.....	33.33	
		For >100 To 250, Deduct	.....	-1.91	
		For >250 To 500, Deduct	.....	-2.39	
		For >500, Deduct	.....	-2.87	
05 05 23 00-0925	EA	5/8" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	.....	35.75	
		For >100 To 250, Deduct	.....	-1.91	
		For >250 To 500, Deduct	.....	-2.39	
		For >500, Deduct	.....	-2.87	
05 05 23 00-0926	EA	5/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	.....	36.85	
		For >100 To 250, Deduct	.....	-1.91	
		For >250 To 500, Deduct	.....	-2.39	
		For >500, Deduct	.....	-2.87	
05 05 23 00-0927	EA	5/8" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	.....	41.52	
		For >100 To 250, Deduct	.....	-1.95	
		For >250 To 500, Deduct	.....	-2.44	
		For >500, Deduct	.....	-2.93	
05 05 23 00-0928	EA	5/8" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	.....	42.95	
		For >100 To 250, Deduct	.....	-1.95	
		For >250 To 500, Deduct	.....	-2.44	
		For >500, Deduct	.....	-2.93	
05 05 23 00-0929	EA	5/8" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	.....	49.31	
		For >100 To 250, Deduct	.....	-1.95	
		For >250 To 500, Deduct	.....	-2.44	
		For >500, Deduct	.....	-2.93	
05 05 23 00-0930	EA	5/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	.....	51.93	
		For >100 To 250, Deduct	.....	-1.95	
		For >250 To 500, Deduct	.....	-2.44	
		For >500, Deduct	.....	-2.93	
05 05 23 00-0931		3/4" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts (05 05 23 00-0815)	.....	15.31	
05 05 23 00-0932	EA	3/4" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	.....	15.31	
		For >100 To 250, Deduct	.....	-1.76	
		For >250 To 500, Deduct	.....	-2.20	
		For >500, Deduct	.....	-2.64	
05 05 23 00-0933	EA	3/4" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	.....	16.31	
		For >100 To 250, Deduct	.....	-1.76	
		For >250 To 500, Deduct	.....	-2.20	
		For >500, Deduct	.....	-2.64	

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 00-0934	EA	3/4"	Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.62	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-0935	EA	3/4"	Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.23	
			For >100 To 250, Deduct	-1.80	
			For >250 To 500, Deduct	-2.25	
			For >500, Deduct	-2.69	
05 05 23 00-0936	EA	3/4"	Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	20.68	
			For >100 To 250, Deduct	-1.80	
			For >250 To 500, Deduct	-2.25	
			For >500, Deduct	-2.69	
05 05 23 00-0937	EA	3/4"	Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	23.12	
			For >100 To 250, Deduct	-1.80	
			For >250 To 500, Deduct	-2.25	
			For >500, Deduct	-2.69	
05 05 23 00-0938	EA	3/4"	Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	24.76	
			For >100 To 250, Deduct	-1.83	
			For >250 To 500, Deduct	-2.29	
			For >500, Deduct	-2.75	
05 05 23 00-0939	EA	3/4"	Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	27.02	
			For >100 To 250, Deduct	-1.83	
			For >250 To 500, Deduct	-2.29	
			For >500, Deduct	-2.75	
05 05 23 00-0940	EA	3/4"	Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	28.84	
			For >100 To 250, Deduct	-1.83	
			For >250 To 500, Deduct	-2.29	
			For >500, Deduct	-2.75	
05 05 23 00-0941	EA	3/4"	Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	30.91	
			For >100 To 250, Deduct	-1.87	
			For >250 To 500, Deduct	-2.34	
			For >500, Deduct	-2.81	
05 05 23 00-0942	EA	3/4"	Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	33.02	
			For >100 To 250, Deduct	-1.87	
			For >250 To 500, Deduct	-2.34	
			For >500, Deduct	-2.81	
05 05 23 00-0943	EA	3/4"	Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	36.99	
			For >100 To 250, Deduct	-1.87	
			For >250 To 500, Deduct	-2.34	
			For >500, Deduct	-2.81	
05 05 23 00-0944	EA	3/4"	Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	47.71	
			For >100 To 250, Deduct	-1.91	
			For >250 To 500, Deduct	-2.39	
			For >500, Deduct	-2.87	
05 05 23 00-0945	EA	3/4"	Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	51.07	
			For >100 To 250, Deduct	-1.91	
			For >250 To 500, Deduct	-2.39	
			For >500, Deduct	-2.87	
05 05 23 00-0946	EA	3/4"	Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	58.26	
			For >100 To 250, Deduct	-1.91	
			For >250 To 500, Deduct	-2.39	
			For >500, Deduct	-2.87	
05 05 23 00-0947	EA	3/4"	Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	58.79	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	
05 05 23 00-0948	EA	3/4"	Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	59.92	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	
05 05 23 00-0949	EA	3/4"	Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	62.99	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	
05 05 23 00-0950	EA	3/4"	Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	65.35	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	
05 05 23 00-0951			7/8" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts (05 05 23 00-0815)		
05 05 23 00-0952	EA	7/8"	Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	22.53	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	
05 05 23 00-0953	EA	7/8"	Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	25.02	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	
05 05 23 00-0954	EA	7/8"	Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	27.11	
			For >100 To 250, Deduct	-1.99	
			For >250 To 500, Deduct	-2.49	
			For >500, Deduct	-2.99	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0955	EA	7/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	.....	29.63	
		For >100 To 250, Deduct	.....	-1.99	
		For >250 To 500, Deduct	.....	-2.49	
		For >500, Deduct	.....	-2.99	
05 05 23 00-0956	EA	7/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	.....	30.45	
		For >100 To 250, Deduct	.....	-1.99	
		For >250 To 500, Deduct	.....	-2.49	
		For >500, Deduct	.....	-2.99	
05 05 23 00-0957	EA	7/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	.....	32.71	
		For >100 To 250, Deduct	.....	-2.03	
		For >250 To 500, Deduct	.....	-2.54	
		For >500, Deduct	.....	-3.05	
05 05 23 00-0958	EA	7/8" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	.....	33.51	
		For >100 To 250, Deduct	.....	-2.03	
		For >250 To 500, Deduct	.....	-2.54	
		For >500, Deduct	.....	-3.05	
05 05 23 00-0959	EA	7/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	.....	39.00	
		For >100 To 250, Deduct	.....	-2.03	
		For >250 To 500, Deduct	.....	-2.54	
		For >500, Deduct	.....	-3.05	
05 05 23 00-0960	EA	7/8" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	.....	40.02	
		For >100 To 250, Deduct	.....	-2.07	
		For >250 To 500, Deduct	.....	-2.59	
		For >500, Deduct	.....	-3.11	
05 05 23 00-0961	EA	7/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	.....	42.13	
		For >100 To 250, Deduct	.....	-2.07	
		For >250 To 500, Deduct	.....	-2.59	
		For >500, Deduct	.....	-3.11	
05 05 23 00-0962	EA	7/8" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	.....	53.75	
		For >100 To 250, Deduct	.....	-2.07	
		For >250 To 500, Deduct	.....	-2.59	
		For >500, Deduct	.....	-3.11	
05 05 23 00-0963	EA	7/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	.....	58.40	
		For >100 To 250, Deduct	.....	-2.11	
		For >250 To 500, Deduct	.....	-2.64	
		For >500, Deduct	.....	-3.16	
05 05 23 00-0964	EA	7/8" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	.....	63.61	
		For >100 To 250, Deduct	.....	-2.11	
		For >250 To 500, Deduct	.....	-2.64	
		For >500, Deduct	.....	-3.16	
05 05 23 00-0965	EA	7/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	.....	67.81	
		For >100 To 250, Deduct	.....	-2.11	
		For >250 To 500, Deduct	.....	-2.64	
		For >500, Deduct	.....	-3.16	
05 05 23 00-0966	EA	7/8" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	.....	80.77	
		For >100 To 250, Deduct	.....	-2.15	
		For >250 To 500, Deduct	.....	-2.69	
		For >500, Deduct	.....	-3.22	
05 05 23 00-0967	EA	7/8" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	.....	90.98	
		For >100 To 250, Deduct	.....	-2.15	
		For >250 To 500, Deduct	.....	-2.69	
		For >500, Deduct	.....	-3.22	
05 05 23 00-0968	EA	7/8" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	.....	95.71	
		For >100 To 250, Deduct	.....	-2.15	
		For >250 To 500, Deduct	.....	-2.69	
		For >500, Deduct	.....	-3.22	
05 05 23 00-0969	EA	7/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	.....	100.42	
		For >100 To 250, Deduct	.....	-2.15	
		For >250 To 500, Deduct	.....	-2.69	
		For >500, Deduct	.....	-3.22	
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	.....	28.55	
		For >100 To 250, Deduct	.....	-1.95	
		For >250 To 500, Deduct	.....	-2.44	
		For >500, Deduct	.....	-2.93	
05 05 23 00-0972	EA	1" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	.....	30.37	
		For >100 To 250, Deduct	.....	-1.95	
		For >250 To 500, Deduct	.....	-2.44	
		For >500, Deduct	.....	-2.93	
05 05 23 00-0973	EA	1" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	.....	33.26	
		For >100 To 250, Deduct	.....	-1.99	
		For >250 To 500, Deduct	.....	-2.49	
		For >500, Deduct	.....	-2.99	
05 05 23 00-0974	EA	1" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	.....	35.55	
		For >100 To 250, Deduct	.....	-1.99	
		For >250 To 500, Deduct	.....	-2.49	
		For >500, Deduct	.....	-2.99	
05 05 23 00-0975	EA	1" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	.....	39.30	
		For >100 To 250, Deduct	.....	-1.99	
		For >250 To 500, Deduct	.....	-2.49	
		For >500, Deduct	.....	-2.99	

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 00-0976	EA	1"	Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	43.71	
			For >100 To 250, Deduct	-2.03	
			For >250 To 500, Deduct	-2.54	
			For >500, Deduct	-3.05	
05 05 23 00-0977	EA	1"	Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	46.33	
			For >100 To 250, Deduct	-2.03	
			For >250 To 500, Deduct	-2.54	
			For >500, Deduct	-3.05	
05 05 23 00-0978	EA	1"	Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	50.19	
			For >100 To 250, Deduct	-2.03	
			For >250 To 500, Deduct	-2.54	
			For >500, Deduct	-3.05	
05 05 23 00-0979	EA	1"	Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	54.03	
			For >100 To 250, Deduct	-2.07	
			For >250 To 500, Deduct	-2.59	
			For >500, Deduct	-3.11	
05 05 23 00-0980	EA	1"	Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	54.24	
			For >100 To 250, Deduct	-2.07	
			For >250 To 500, Deduct	-2.59	
			For >500, Deduct	-3.11	
05 05 23 00-0981	EA	1"	Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	64.61	
			For >100 To 250, Deduct	-2.07	
			For >250 To 500, Deduct	-2.59	
			For >500, Deduct	-3.11	
05 05 23 00-0982	EA	1"	Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	77.93	
			For >100 To 250, Deduct	-2.11	
			For >250 To 500, Deduct	-2.64	
			For >500, Deduct	-3.16	
05 05 23 00-0983	EA	1"	Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	79.88	
			For >100 To 250, Deduct	-2.11	
			For >250 To 500, Deduct	-2.64	
			For >500, Deduct	-3.16	
05 05 23 00-0984	EA	1"	Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	81.84	
			For >100 To 250, Deduct	-2.11	
			For >250 To 500, Deduct	-2.64	
			For >500, Deduct	-3.16	
05 05 23 00-0985	EA	1"	Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	85.94	
			For >100 To 250, Deduct	-2.15	
			For >250 To 500, Deduct	-2.69	
			For >500, Deduct	-3.22	
05 05 23 00-0986	EA	1"	Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	91.94	
			For >100 To 250, Deduct	-2.15	
			For >250 To 500, Deduct	-2.69	
			For >500, Deduct	-3.22	
05 05 23 00-0987	EA	1"	Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	119.15	
			For >100 To 250, Deduct	-2.15	
			For >250 To 500, Deduct	-2.69	
			For >500, Deduct	-3.22	
05 05 23 00-0988	EA	1"	Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	150.85	
			For >100 To 250, Deduct	-2.15	
			For >250 To 500, Deduct	-2.69	
			For >500, Deduct	-3.22	
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	7.47	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0992	EA	1"	Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	7.76	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0993	EA	1-1/2"	Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	7.97	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0994	EA	2"	Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	8.11	
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-0995	EA	2-1/2"	Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	8.71	
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0996	EA	3"	Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	9.08	
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-0997	EA	3-1/2"	Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	9.45	
			For >100 To 250, Deduct	-1.41	
			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 00-0998	EA		4" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt 9.95		
			For >100 To 250, Deduct	-1.45	
			For >250 To 500, Deduct	-1.81	
			For >500, Deduct	-2.17	
05 05 23 00-0999	EA		4-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt 10.26		
			For >100 To 250, Deduct	-1.45	
			For >250 To 500, Deduct	-1.81	
			For >500, Deduct	-2.17	
05 05 23 00-1000	EA		5" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt 10.39		
			For >100 To 250, Deduct	-1.45	
			For >250 To 500, Deduct	-1.81	
			For >500, Deduct	-2.17	
05 05 23 00-1001	EA		5-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt 11.54		
			For >100 To 250, Deduct	-1.48	
			For >250 To 500, Deduct	-1.86	
			For >500, Deduct	-2.23	
05 05 23 00-1002	EA		6" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt 11.80		
			For >100 To 250, Deduct	-1.48	
			For >250 To 500, Deduct	-1.86	
			For >500, Deduct	-2.23	
05 05 23 00-1003	EA		6-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt 21.33		
			For >100 To 250, Deduct	-1.48	
			For >250 To 500, Deduct	-1.86	
			For >500, Deduct	-2.23	
05 05 23 00-1004	EA		7" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt 33.06		
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-1.90	
			For >500, Deduct	-2.28	
05 05 23 00-1005	EA		7-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt 58.49		
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-1.90	
			For >500, Deduct	-2.28	
05 05 23 00-1006	EA		8" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt 64.29		
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-1.90	
			For >500, Deduct	-2.28	
05 05 23 00-1007			5/16" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0999)		
05 05 23 00-1008	EA		5/16" Diameter x 1/2" Length, 316 Stainless Steel, Hex Head Bolt 7.86		
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-1009	EA		5/16" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt 8.19		
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-1010	EA		5/16" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt 8.73		
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-1011	EA		5/16" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt 9.14		
			For >100 To 250, Deduct	-1.37	
			For >250 To 500, Deduct	-1.71	
			For >500, Deduct	-2.05	
05 05 23 00-1012	EA		5/16" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt 9.51		
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-1013	EA		5/16" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt 10.35		
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-1014	EA		5/16" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt 10.94		
			For >100 To 250, Deduct	-1.41	
			For >250 To 500, Deduct	-1.76	
			For >500, Deduct	-2.11	
05 05 23 00-1015	EA		5/16" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt 11.39		
			For >100 To 250, Deduct	-1.45	
			For >250 To 500, Deduct	-1.81	
			For >500, Deduct	-2.17	
05 05 23 00-1016	EA		5/16" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt 12.64		
			For >100 To 250, Deduct	-1.45	
			For >250 To 500, Deduct	-1.81	
			For >500, Deduct	-2.17	
05 05 23 00-1017	EA		5/16" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt 12.89		
			For >100 To 250, Deduct	-1.45	
			For >250 To 500, Deduct	-1.81	
			For >500, Deduct	-2.17	
05 05 23 00-1018	EA		5/16" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt 13.96		
			For >100 To 250, Deduct	-1.48	
			For >250 To 500, Deduct	-1.86	
			For >500, Deduct	-2.23	

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 00-1019	EA	5/16" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	14.94	
		For >100 To 250, Deduct	-1.48	
		For >250 To 500, Deduct	-1.86	
		For >500, Deduct	-2.23	
05 05 23 00-1020	EA	5/16" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	23.05	
		For >100 To 250, Deduct	-1.48	
		For >250 To 500, Deduct	-1.86	
		For >500, Deduct	-2.23	
05 05 23 00-1021	EA	5/16" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	34.76	
		For >100 To 250, Deduct	-1.52	
		For >250 To 500, Deduct	-1.90	
		For >500, Deduct	-2.28	
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	8.72	
		For >100 To 250, Deduct	-1.37	
		For >250 To 500, Deduct	-1.71	
		For >500, Deduct	-2.05	
05 05 23 00-1024	EA	3/8" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	8.85	
		For >100 To 250, Deduct	-1.37	
		For >250 To 500, Deduct	-1.71	
		For >500, Deduct	-2.05	
05 05 23 00-1025	EA	3/8" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	9.36	
		For >100 To 250, Deduct	-1.37	
		For >250 To 500, Deduct	-1.71	
		For >500, Deduct	-2.05	
05 05 23 00-1026	EA	3/8" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	10.57	
		For >100 To 250, Deduct	-1.37	
		For >250 To 500, Deduct	-1.71	
		For >500, Deduct	-2.05	
05 05 23 00-1027	EA	3/8" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	11.19	
		For >100 To 250, Deduct	-1.41	
		For >250 To 500, Deduct	-1.76	
		For >500, Deduct	-2.11	
05 05 23 00-1028	EA	3/8" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	11.41	
		For >100 To 250, Deduct	-1.41	
		For >250 To 500, Deduct	-1.76	
		For >500, Deduct	-2.11	
05 05 23 00-1029	EA	3/8" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	12.46	
		For >100 To 250, Deduct	-1.41	
		For >250 To 500, Deduct	-1.76	
		For >500, Deduct	-2.11	
05 05 23 00-1030	EA	3/8" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	12.82	
		For >100 To 250, Deduct	-1.45	
		For >250 To 500, Deduct	-1.81	
		For >500, Deduct	-2.17	
05 05 23 00-1031	EA	3/8" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	13.48	
		For >100 To 250, Deduct	-1.45	
		For >250 To 500, Deduct	-1.81	
		For >500, Deduct	-2.17	
05 05 23 00-1032	EA	3/8" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	13.93	
		For >100 To 250, Deduct	-1.45	
		For >250 To 500, Deduct	-1.81	
		For >500, Deduct	-2.17	
05 05 23 00-1033	EA	3/8" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	15.58	
		For >100 To 250, Deduct	-1.48	
		For >250 To 500, Deduct	-1.86	
		For >500, Deduct	-2.23	
05 05 23 00-1034	EA	3/8" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	17.36	
		For >100 To 250, Deduct	-1.48	
		For >250 To 500, Deduct	-1.86	
		For >500, Deduct	-2.23	
05 05 23 00-1035	EA	3/8" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	17.44	
		For >100 To 250, Deduct	-1.48	
		For >250 To 500, Deduct	-1.86	
		For >500, Deduct	-2.23	
05 05 23 00-1036	EA	3/8" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	22.14	
		For >100 To 250, Deduct	-1.52	
		For >250 To 500, Deduct	-1.90	
		For >500, Deduct	-2.28	
05 05 23 00-1037	EA	3/8" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	29.49	
		For >100 To 250, Deduct	-1.52	
		For >250 To 500, Deduct	-1.90	
		For >500, Deduct	-2.28	
05 05 23 00-1038	EA	3/8" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	37.42	
		For >100 To 250, Deduct	-1.52	
		For >250 To 500, Deduct	-1.90	
		For >500, Deduct	-2.28	
05 05 23 00-1039		7/16" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0989)		



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1040	EA	7/16"	Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	11.72	
			For >100 To 250, Deduct	-1.56	
			For >250 To 500, Deduct	-1.95	
			For >500, Deduct	-2.34	
05 05 23 00-1041	EA	7/16"	Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	12.48	
			For >100 To 250, Deduct	-1.56	
			For >250 To 500, Deduct	-1.95	
			For >500, Deduct	-2.34	
05 05 23 00-1042	EA	7/16"	Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	13.90	
			For >100 To 250, Deduct	-1.56	
			For >250 To 500, Deduct	-1.95	
			For >500, Deduct	-2.34	
05 05 23 00-1043	EA	7/16"	Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	15.32	
			For >100 To 250, Deduct	-1.80	
			For >250 To 500, Deduct	-2.00	
			For >500, Deduct	-2.40	
05 05 23 00-1044	EA	7/16"	Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	16.69	
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.00	
			For >500, Deduct	-2.40	
05 05 23 00-1045	EA	7/16"	Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	18.94	
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.00	
			For >500, Deduct	-2.40	
05 05 23 00-1046	EA	7/16"	Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	21.28	
			For >100 To 250, Deduct	-1.64	
			For >250 To 500, Deduct	-2.05	
			For >500, Deduct	-2.46	
05 05 23 00-1047	EA	7/16"	Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	21.67	
			For >100 To 250, Deduct	-1.64	
			For >250 To 500, Deduct	-2.05	
			For >500, Deduct	-2.46	
05 05 23 00-1048	EA	7/16"	Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	22.49	
			For >100 To 250, Deduct	-1.64	
			For >250 To 500, Deduct	-2.05	
			For >500, Deduct	-2.46	
05 05 23 00-1049	EA	7/16"	Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	23.25	
			For >100 To 250, Deduct	-1.68	
			For >250 To 500, Deduct	-2.10	
			For >500, Deduct	-2.52	
05 05 23 00-1050	EA	7/16"	Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	23.83	
			For >100 To 250, Deduct	-1.68	
			For >250 To 500, Deduct	-2.10	
			For >500, Deduct	-2.52	
05 05 23 00-1051	EA	7/16"	Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	24.42	
			For >100 To 250, Deduct	-1.68	
			For >250 To 500, Deduct	-2.10	
			For >500, Deduct	-2.52	
05 05 23 00-1052	EA	7/16"	Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	25.08	
			For >100 To 250, Deduct	-1.72	
			For >250 To 500, Deduct	-2.15	
			For >500, Deduct	-2.58	
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	11.68	
			For >100 To 250, Deduct	-1.56	
			For >250 To 500, Deduct	-1.95	
			For >500, Deduct	-2.34	
05 05 23 00-1055	EA	1/2"	Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	12.50	
			For >100 To 250, Deduct	-1.56	
			For >250 To 500, Deduct	-1.95	
			For >500, Deduct	-2.34	
05 05 23 00-1056	EA	1/2"	Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	13.65	
			For >100 To 250, Deduct	-1.56	
			For >250 To 500, Deduct	-1.95	
			For >500, Deduct	-2.34	
05 05 23 00-1057	EA	1/2"	Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	15.21	
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.00	
			For >500, Deduct	-2.40	
05 05 23 00-1058	EA	1/2"	Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	16.48	
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.00	
			For >500, Deduct	-2.40	
05 05 23 00-1059	EA	1/2"	Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	16.79	
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.00	
			For >500, Deduct	-2.40	
05 05 23 00-1060	EA	1/2"	Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	17.51	
			For >100 To 250, Deduct	-1.64	
			For >250 To 500, Deduct	-2.05	
			For >500, Deduct	-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 00-1061	EA	1/2"	Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	19.95	
			For >100 To 250, Deduct	-1.64	
			For >250 To 500, Deduct	-2.05	
			For >500, Deduct	-2.46	
05 05 23 00-1062	EA	1/2"	Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	24.91	
			For >100 To 250, Deduct	-1.64	
			For >250 To 500, Deduct	-2.05	
			For >500, Deduct	-2.46	
05 05 23 00-1063	EA	1/2"	Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	25.49	
			For >100 To 250, Deduct	-1.68	
			For >250 To 500, Deduct	-2.10	
			For >500, Deduct	-2.52	
05 05 23 00-1064	EA	1/2"	Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	26.27	
			For >100 To 250, Deduct	-1.68	
			For >250 To 500, Deduct	-2.10	
			For >500, Deduct	-2.52	
05 05 23 00-1065	EA	1/2"	Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	32.41	
			For >100 To 250, Deduct	-1.68	
			For >250 To 500, Deduct	-2.10	
			For >500, Deduct	-2.52	
05 05 23 00-1066	EA	1/2"	Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	36.70	
			For >100 To 250, Deduct	-1.72	
			For >250 To 500, Deduct	-2.15	
			For >500, Deduct	-2.58	
05 05 23 00-1067	EA	1/2"	Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	39.35	
			For >100 To 250, Deduct	-1.72	
			For >250 To 500, Deduct	-2.15	
			For >500, Deduct	-2.58	
05 05 23 00-1068	EA	1/2"	Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	43.75	
			For >100 To 250, Deduct	-1.72	
			For >250 To 500, Deduct	-2.15	
			For >500, Deduct	-2.58	
05 05 23 00-1069	EA	1/2"	Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	55.57	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-1070	EA	1/2"	Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	63.07	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-1071	EA	1/2"	Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	64.30	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-1072	EA	1/2"	Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	66.22	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-1073			9/16" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0989)	32.23	
05 05 23 00-1074	EA	9/16"	Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	32.23	
			For >100 To 250, Deduct	-1.56	
			For >250 To 500, Deduct	-1.95	
			For >500, Deduct	-2.34	
05 05 23 00-1075	EA	9/16"	Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	34.92	
			For >100 To 250, Deduct	-1.56	
			For >250 To 500, Deduct	-1.95	
			For >500, Deduct	-2.34	
05 05 23 00-1076	EA	9/16"	Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	43.95	
			For >100 To 250, Deduct	-1.56	
			For >250 To 500, Deduct	-1.95	
			For >500, Deduct	-2.34	
05 05 23 00-1077	EA	9/16"	Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	49.20	
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.00	
			For >500, Deduct	-2.40	
05 05 23 00-1078	EA	9/16"	Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	54.53	
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.00	
			For >500, Deduct	-2.40	
05 05 23 00-1079	EA	9/16"	Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	59.86	
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.00	
			For >500, Deduct	-2.40	
05 05 23 00-1080	EA	9/16"	Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	63.37	
			For >100 To 250, Deduct	-1.64	
			For >250 To 500, Deduct	-2.05	
			For >500, Deduct	-2.46	
05 05 23 00-1081	EA	9/16"	Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	67.77	
			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 00-1082	EA		9/16" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	71.67	
			For >100 To 250, Deduct	-1.64	
			For >250 To 500, Deduct	-2.05	
			For >500, Deduct	-2.46	
05 05 23 00-1083	EA		9/16" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	73.05	
			For >100 To 250, Deduct	-1.68	
			For >250 To 500, Deduct	-2.10	
			For >500, Deduct	-2.52	
05 05 23 00-1084	EA		9/16" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	76.49	
			For >100 To 250, Deduct	-1.68	
			For >250 To 500, Deduct	-2.10	
			For >500, Deduct	-2.52	
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	16.84	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-1087	EA		5/8" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	17.07	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-1088	EA		5/8" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	17.15	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-1089	EA		5/8" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	18.88	
			For >100 To 250, Deduct	-1.80	
			For >250 To 500, Deduct	-2.25	
			For >500, Deduct	-2.69	
05 05 23 00-1090	EA		5/8" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	20.47	
			For >100 To 250, Deduct	-1.80	
			For >250 To 500, Deduct	-2.25	
			For >500, Deduct	-2.69	
05 05 23 00-1091	EA		5/8" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	25.49	
			For >100 To 250, Deduct	-1.80	
			For >250 To 500, Deduct	-2.25	
			For >500, Deduct	-2.69	
05 05 23 00-1092	EA		5/8" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	26.73	
			For >100 To 250, Deduct	-1.83	
			For >250 To 500, Deduct	-2.29	
			For >500, Deduct	-2.75	
05 05 23 00-1093	EA		5/8" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	31.13	
			For >100 To 250, Deduct	-1.83	
			For >250 To 500, Deduct	-2.29	
			For >500, Deduct	-2.75	
05 05 23 00-1094	EA		5/8" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	32.65	
			For >100 To 250, Deduct	-1.83	
			For >250 To 500, Deduct	-2.29	
			For >500, Deduct	-2.75	
05 05 23 00-1095	EA		5/8" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	35.74	
			For >100 To 250, Deduct	-1.87	
			For >250 To 500, Deduct	-2.34	
			For >500, Deduct	-2.81	
05 05 23 00-1096	EA		5/8" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	36.99	
			For >100 To 250, Deduct	-1.87	
			For >250 To 500, Deduct	-2.34	
			For >500, Deduct	-2.81	
05 05 23 00-1097	EA		5/8" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	44.69	
			For >100 To 250, Deduct	-1.87	
			For >250 To 500, Deduct	-2.34	
			For >500, Deduct	-2.81	
05 05 23 00-1098	EA		5/8" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	47.65	
			For >100 To 250, Deduct	-1.91	
			For >250 To 500, Deduct	-2.39	
			For >500, Deduct	-2.87	
05 05 23 00-1099	EA		5/8" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	48.63	
			For >100 To 250, Deduct	-1.91	
			For >250 To 500, Deduct	-2.39	
			For >500, Deduct	-2.87	
05 05 23 00-1100	EA		5/8" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	52.22	
			For >100 To 250, Deduct	-1.91	
			For >250 To 500, Deduct	-2.39	
			For >500, Deduct	-2.87	
05 05 23 00-1101	EA		5/8" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	55.66	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	
05 05 23 00-1102	EA		5/8" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	58.71	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	

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 00-1103	EA		5/8" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	73.24	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	
05 05 23 00-1104	EA		5/8" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	88.77	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	
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	22.95	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-1107	EA		3/4" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	23.50	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-1108	EA		3/4" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	25.59	
			For >100 To 250, Deduct	-1.76	
			For >250 To 500, Deduct	-2.20	
			For >500, Deduct	-2.64	
05 05 23 00-1109	EA		3/4" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	27.61	
			For >100 To 250, Deduct	-1.80	
			For >250 To 500, Deduct	-2.25	
			For >500, Deduct	-2.69	
05 05 23 00-1110	EA		3/4" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	31.52	
			For >100 To 250, Deduct	-1.80	
			For >250 To 500, Deduct	-2.25	
			For >500, Deduct	-2.69	
05 05 23 00-1111	EA		3/4" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	33.79	
			For >100 To 250, Deduct	-1.80	
			For >250 To 500, Deduct	-2.25	
			For >500, Deduct	-2.69	
05 05 23 00-1112	EA		3/4" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	38.80	
			For >100 To 250, Deduct	-1.83	
			For >250 To 500, Deduct	-2.29	
			For >500, Deduct	-2.75	
05 05 23 00-1113	EA		3/4" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	40.79	
			For >100 To 250, Deduct	-1.83	
			For >250 To 500, Deduct	-2.29	
			For >500, Deduct	-2.75	
05 05 23 00-1114	EA		3/4" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	41.89	
			For >100 To 250, Deduct	-1.83	
			For >250 To 500, Deduct	-2.29	
			For >500, Deduct	-2.75	
05 05 23 00-1115	EA		3/4" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	43.55	
			For >100 To 250, Deduct	-1.87	
			For >250 To 500, Deduct	-2.34	
			For >500, Deduct	-2.81	
05 05 23 00-1116	EA		3/4" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	46.05	
			For >100 To 250, Deduct	-1.87	
			For >250 To 500, Deduct	-2.34	
			For >500, Deduct	-2.81	
05 05 23 00-1117	EA		3/4" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	53.75	
			For >100 To 250, Deduct	-1.87	
			For >250 To 500, Deduct	-2.34	
			For >500, Deduct	-2.81	
05 05 23 00-1118	EA		3/4" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	65.07	
			For >100 To 250, Deduct	-1.91	
			For >250 To 500, Deduct	-2.39	
			For >500, Deduct	-2.87	
05 05 23 00-1119	EA		3/4" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	73.75	
			For >100 To 250, Deduct	-1.91	
			For >250 To 500, Deduct	-2.39	
			For >500, Deduct	-2.87	
05 05 23 00-1120	EA		3/4" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	75.05	
			For >100 To 250, Deduct	-1.91	
			For >250 To 500, Deduct	-2.39	
			For >500, Deduct	-2.87	
05 05 23 00-1121	EA		3/4" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	80.47	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	
05 05 23 00-1122	EA		3/4" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	93.62	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	
05 05 23 00-1123	EA		3/4" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	94.73	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1124	EA		3/4" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	97.50	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	
05 05 23 00-1125			7/8" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0989)	25.91	
05 05 23 00-1126	EA		7/8" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	25.91	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	
05 05 23 00-1127	EA		7/8" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	29.53	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-2.44	
			For >500, Deduct	-2.93	
05 05 23 00-1128	EA		7/8" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	31.70	
			For >100 To 250, Deduct	-1.99	
			For >250 To 500, Deduct	-2.49	
			For >500, Deduct	-2.99	
05 05 23 00-1129	EA		7/8" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	36.76	
			For >100 To 250, Deduct	-1.99	
			For >250 To 500, Deduct	-2.49	
			For >500, Deduct	-2.99	
05 05 23 00-1130	EA		7/8" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	39.03	
			For >100 To 250, Deduct	-1.99	
			For >250 To 500, Deduct	-2.49	
			For >500, Deduct	-2.99	
05 05 23 00-1131	EA		7/8" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	41.21	
			For >100 To 250, Deduct	-2.03	
			For >250 To 500, Deduct	-2.54	
			For >500, Deduct	-3.05	
05 05 23 00-1132	EA		7/8" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	44.27	
			For >100 To 250, Deduct	-2.03	
			For >250 To 500, Deduct	-2.54	
			For >500, Deduct	-3.05	
05 05 23 00-1133	EA		7/8" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	51.17	
			For >100 To 250, Deduct	-2.03	
			For >250 To 500, Deduct	-2.54	
			For >500, Deduct	-3.05	
05 05 23 00-1134	EA		7/8" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	51.55	
			For >100 To 250, Deduct	-2.07	
			For >250 To 500, Deduct	-2.59	
			For >500, Deduct	-3.11	
05 05 23 00-1135	EA		7/8" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	53.83	
			For >100 To 250, Deduct	-2.07	
			For >250 To 500, Deduct	-2.59	
			For >500, Deduct	-3.11	
05 05 23 00-1136	EA		7/8" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	73.13	
			For >100 To 250, Deduct	-2.07	
			For >250 To 500, Deduct	-2.59	
			For >500, Deduct	-3.11	
05 05 23 00-1137	EA		7/8" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	81.84	
			For >100 To 250, Deduct	-2.11	
			For >250 To 500, Deduct	-2.64	
			For >500, Deduct	-3.16	
05 05 23 00-1138	EA		7/8" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	91.00	
			For >100 To 250, Deduct	-2.11	
			For >250 To 500, Deduct	-2.64	
			For >500, Deduct	-3.16	
05 05 23 00-1139	EA		7/8" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	95.51	
			For >100 To 250, Deduct	-2.11	
			For >250 To 500, Deduct	-2.64	
			For >500, Deduct	-3.16	
05 05 23 00-1140	EA		7/8" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	101.57	
			For >100 To 250, Deduct	-2.15	
			For >250 To 500, Deduct	-2.69	
			For >500, Deduct	-3.22	
05 05 23 00-1141	EA		7/8" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	105.49	
			For >100 To 250, Deduct	-2.15	
			For >250 To 500, Deduct	-2.69	
			For >500, Deduct	-3.22	
05 05 23 00-1142	EA		7/8" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	109.38	
			For >100 To 250, Deduct	-2.15	
			For >250 To 500, Deduct	-2.69	
			For >500, Deduct	-3.22	
05 05 23 00-1143	EA		7/8" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	113.76	
			For >100 To 250, Deduct	-2.15	
			For >250 To 500, Deduct	-2.69	
			For >500, Deduct	-3.22	
05 05 23 00-1144			1" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0989)		

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 00-1145	EA	1" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	33.86	
		For>100 To 250, Deduct	-1.95	
		For>250 To 500, Deduct	-2.44	
		For>500, Deduct	-2.93	
05 05 23 00-1146	EA	1" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	39.63	
		For>100 To 250, Deduct	-1.99	
		For>250 To 500, Deduct	-2.49	
		For>500, Deduct	-2.99	
05 05 23 00-1147	EA	1" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	43.36	
		For>100 To 250, Deduct	-1.99	
		For>250 To 500, Deduct	-2.49	
		For>500, Deduct	-2.99	
05 05 23 00-1148	EA	1" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	49.32	
		For>100 To 250, Deduct	-1.99	
		For>250 To 500, Deduct	-2.49	
		For>500, Deduct	-2.99	
05 05 23 00-1149	EA	1" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	51.64	
		For>100 To 250, Deduct	-2.03	
		For>250 To 500, Deduct	-2.54	
		For>500, Deduct	-3.05	
05 05 23 00-1150	EA	1" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	55.68	
		For>100 To 250, Deduct	-2.03	
		For>250 To 500, Deduct	-2.54	
		For>500, Deduct	-3.05	
05 05 23 00-1151	EA	1" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	59.76	
		For>100 To 250, Deduct	-2.03	
		For>250 To 500, Deduct	-2.54	
		For>500, Deduct	-3.05	
05 05 23 00-1152	EA	1" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	64.07	
		For>100 To 250, Deduct	-2.07	
		For>250 To 500, Deduct	-2.59	
		For>500, Deduct	-3.11	
05 05 23 00-1153	EA	1" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	74.61	
		For>100 To 250, Deduct	-2.07	
		For>250 To 500, Deduct	-2.59	
		For>500, Deduct	-3.11	
05 05 23 00-1154	EA	1" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	85.01	
		For>100 To 250, Deduct	-2.07	
		For>250 To 500, Deduct	-2.59	
		For>500, Deduct	-3.11	
05 05 23 00-1155	EA	1" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	99.42	
		For>100 To 250, Deduct	-2.11	
		For>250 To 500, Deduct	-2.64	
		For>500, Deduct	-3.16	
05 05 23 00-1156	EA	1" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	111.37	
		For>100 To 250, Deduct	-2.11	
		For>250 To 500, Deduct	-2.64	
		For>500, Deduct	-3.16	
05 05 23 00-1157	EA	1" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	113.09	
		For>100 To 250, Deduct	-2.11	
		For>250 To 500, Deduct	-2.64	
		For>500, Deduct	-3.16	
05 05 23 00-1158	EA	1" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	117.19	
		For>100 To 250, Deduct	-2.15	
		For>250 To 500, Deduct	-2.69	
		For>500, Deduct	-3.22	
05 05 23 00-1159	EA	1" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	118.84	
		For>100 To 250, Deduct	-2.15	
		For>250 To 500, Deduct	-2.69	
		For>500, Deduct	-3.22	
05 05 23 00-1160	EA	1" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	138.68	
		For>100 To 250, Deduct	-2.15	
		For>250 To 500, Deduct	-2.69	
		For>500, Deduct	-3.22	
05 05 23 00-1161	EA	1" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	157.84	
		For>100 To 250, Deduct	-2.15	
		For>250 To 500, Deduct	-2.69	
		For>500, Deduct	-3.22	
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: Includes 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	3.77	
		For>10 To 50, Deduct	-0.16	
		For>50 To 100, Deduct	-0.34	
		For>100, Deduct	-0.68	
05 05 23 00-1165	EA	12-24 x 1-1/2", Hex Washer Head, Teks® 5 Self Drilling Screw	3.96	
		For>10 To 50, Deduct	-0.16	
		For>50 To 100, Deduct	-0.34	
		For>100, Deduct	-0.69	
05 05 23 00-1166	EA	12-24 x 2", Hex Washer Head, Teks® 5 Self Drilling Screw	4.45	
		For>10 To 50, Deduct	-0.17	
		For>50 To 100, Deduct	-0.37	
		For>100, Deduct	-0.74	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1167	EA	1/4" x 3", 28 TPI, Hex Washer Head, Teks® 5 Self Drilling Screw	.....	6.20	
		For >10 To 50, Deduct	.....	-0.22	
		For >50 To 100, Deduct	.....	-0.48	
		For >100, Deduct	.....	-0.96	
05 05 23 00-1168	EA	1/4" x 4", 28 TPI, Hex Washer Head, Teks® 5 Self Drilling Screw	.....	6.63	
		For >10 To 50, Deduct	.....	-0.23	
		For >50 To 100, Deduct	.....	-0.51	
		For >100, Deduct	.....	-1.01	
05 05 23 00-1169	EA	1/4" x 6", 28 TPI, Hex Washer Head, Teks® 5 Self Drilling Screw	.....	8.35	
		For >10 To 50, Deduct	.....	-0.24	
		For >50 To 100, Deduct	.....	-0.57	
		For >100, Deduct	.....	-1.13	
05 05 23 00-1170	EA	1/4" x 8", 28 TPI, Hex Washer Head, Teks® 5 Self Drilling Screw	.....	9.40	
		For >10 To 50, Deduct	.....	-0.25	
		For >50 To 100, Deduct	.....	-0.61	
		For >100, Deduct	.....	-1.22	
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	.....	2.94	
		For >10 To 50, Deduct	.....	-0.14	
		For >50 To 100, Deduct	.....	-0.28	
		For >100, Deduct	.....	-0.56	
05 05 23 00-1174	EA	#6 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw	.....	3.50	
		For >10 To 50, Deduct	.....	-0.14	
		For >50 To 100, Deduct	.....	-0.29	
		For >100, Deduct	.....	-0.58	
05 05 23 00-1175	EA	#6 Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw	.....	3.98	
		For >10 To 50, Deduct	.....	-0.14	
		For >50 To 100, Deduct	.....	-0.30	
		For >100, Deduct	.....	-0.61	
05 05 23 00-1176	EA	#6 Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw	.....	4.15	
		For >10 To 50, Deduct	.....	-0.14	
		For >50 To 100, Deduct	.....	-0.31	
		For >100, Deduct	.....	-0.62	
05 05 23 00-1177	EA	#6 Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw	.....	4.46	
		For >10 To 50, Deduct	.....	-0.14	
		For >50 To 100, Deduct	.....	-0.32	
		For >100, Deduct	.....	-0.63	
05 05 23 00-1178	EA	#8 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw	.....	3.63	
		For >10 To 50, Deduct	.....	-0.14	
		For >50 To 100, Deduct	.....	-0.30	
		For >100, Deduct	.....	-0.59	
05 05 23 00-1179	EA	#8 Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw	.....	3.86	
		For >10 To 50, Deduct	.....	-0.14	
		For >50 To 100, Deduct	.....	-0.30	
		For >100, Deduct	.....	-0.60	
05 05 23 00-1180	EA	#8 Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw	.....	4.33	
		For >10 To 50, Deduct	.....	-0.14	
		For >50 To 100, Deduct	.....	-0.31	
		For >100, Deduct	.....	-0.63	
05 05 23 00-1181	EA	#8 Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw	.....	4.48	
		For >10 To 50, Deduct	.....	-0.14	
		For >50 To 100, Deduct	.....	-0.32	
		For >100, Deduct	.....	-0.63	
05 05 23 00-1182	EA	#10 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw	.....	3.77	
		For >10 To 50, Deduct	.....	-0.14	
		For >50 To 100, Deduct	.....	-0.30	
		For >100, Deduct	.....	-0.60	
05 05 23 00-1183	EA	#10 Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw	.....	3.83	
		For >10 To 50, Deduct	.....	-0.14	
		For >50 To 100, Deduct	.....	-0.30	
		For >100, Deduct	.....	-0.60	
05 05 23 00-1184	EA	#10 Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw	.....	4.04	
		For >10 To 50, Deduct	.....	-0.14	
		For >50 To 100, Deduct	.....	-0.31	
		For >100, Deduct	.....	-0.61	
05 05 23 00-1185	EA	#10 Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw	.....	4.69	
		For >10 To 50, Deduct	.....	-0.14	
		For >50 To 100, Deduct	.....	-0.32	
		For >100, Deduct	.....	-0.64	
05 05 23 00-1186	EA	1/4" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw	.....	4.15	
		For >10 To 50, Deduct	.....	-0.14	
		For >50 To 100, Deduct	.....	-0.31	
		For >100, Deduct	.....	-0.62	
05 05 23 00-1187	EA	1/4" Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw	.....	4.29	
		For >10 To 50, Deduct	.....	-0.14	
		For >50 To 100, Deduct	.....	-0.31	
		For >100, Deduct	.....	-0.62	
05 05 23 00-1188	EA	1/4" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw	.....	4.92	
		For >10 To 50, Deduct	.....	-0.14	
		For >50 To 100, Deduct	.....	-0.33	
		For >100, Deduct	.....	-0.66	

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 00-1189	EA	1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw.....	5.90	
		For >10 To 50, Deduct	-0.14	
		For >50 To 100, Deduct	-0.35	
		For >100, Deduct	-0.70	
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 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	3.17	0.54
		For Left Hand Threaded Rod, Add	0.21	
05 05 23 00-1193	LF	5/16" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	4.34	0.59
		For Left Hand Threaded Rod, Add	0.32	
05 05 23 00-1194	LF	3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	5.06	0.69
		For Left Hand Threaded Rod, Add	0.37	
05 05 23 00-1195	LF	7/16" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	7.16	0.70
		For Left Hand Threaded Rod, Add	0.58	
05 05 23 00-1196	LF	1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	7.34	0.73
		For Left Hand Threaded Rod, Add	0.59	
05 05 23 00-1197	LF	9/16" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	9.33	0.74
		For Left Hand Threaded Rod, Add	0.79	
05 05 23 00-1198	LF	5/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	10.63	0.75
		For Left Hand Threaded Rod, Add	0.91	
05 05 23 00-1199	LF	3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	18.14	0.77
		For Left Hand Threaded Rod, Add	1.66	
05 05 23 00-1200	LF	7/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	19.83	0.80
		For Left Hand Threaded Rod, Add	1.82	
05 05 23 00-1201	LF	1" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	27.41	0.90
		For Left Hand Threaded Rod, Add	2.56	
05 05 23 00-1202	LF	1-1/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	34.31	1.00
		For Left Hand Threaded Rod, Add	3.23	
05 05 23 00-1203	LF	1-1/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	45.83	1.09
		For Left Hand Threaded Rod, Add	4.36	
05 05 23 00-1204	LF	1-3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	57.37	1.18
		For Left Hand Threaded Rod, Add	5.50	
05 05 23 00-1205	LF	1-1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	68.89	1.23
		For Left Hand Threaded Rod, Add	6.64	
05 05 23 00-1206	LF	1-3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	84.83	1.29
		For Left Hand Threaded Rod, Add	8.23	
05 05 23 00-1207	LF	2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	108.81	1.35
		For Left Hand Threaded Rod, Add	10.61	
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	3.20	0.54
		For Left Hand Threaded Rod, Add	0.21	
05 05 23 00-1210	LF	5/16" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	5.03	0.59
		For Left Hand Threaded Rod, Add	0.38	
05 05 23 00-1211	LF	3/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	5.58	0.69
		For Left Hand Threaded Rod, Add	0.42	
05 05 23 00-1212	LF	7/16" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	8.47	0.70
		For Left Hand Threaded Rod, Add	0.71	
05 05 23 00-1213	LF	1/2" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	9.16	0.73
		For Left Hand Threaded Rod, Add	0.77	
05 05 23 00-1214	LF	9/16" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	12.32	0.74
		For Left Hand Threaded Rod, Add	1.09	
05 05 23 00-1215	LF	5/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	13.12	0.75
		For Left Hand Threaded Rod, Add	1.16	
05 05 23 00-1216	LF	3/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	20.28	0.77
		For Left Hand Threaded Rod, Add	1.87	
05 05 23 00-1217	LF	7/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	26.57	0.80
		For Left Hand Threaded Rod, Add	2.50	
05 05 23 00-1218	LF	1" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	35.91	0.90
		For Left Hand Threaded Rod, Add	3.41	
05 05 23 00-1219	LF	1-1/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	46.60	1.00
		For Left Hand Threaded Rod, Add	4.46	
05 05 23 00-1220	LF	1-1/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	55.71	1.09
		For Left Hand Threaded Rod, Add	5.35	
05 05 23 00-1221	LF	1-3/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	63.50	1.18
		For Left Hand Threaded Rod, Add	6.11	
05 05 23 00-1222	LF	1-1/2" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	80.33	1.23
		For Left Hand Threaded Rod, Add	7.79	
05 05 23 00-1223	LF	1-3/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	99.90	1.29
		For Left Hand Threaded Rod, Add	9.73	
05 05 23 00-1224	LF	2" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	146.58	1.35
		For Left Hand Threaded Rod, Add	14.39	
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	9.86	0.69
		For Left Hand Threaded Rod, Add	0.85	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1227	LF		1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod.....	14.15	0.73
			For Left Hand Threaded Rod, Add	1.27	
05 05 23 00-1228	LF		5/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod.....	19.45	0.75
			For Left Hand Threaded Rod, Add	1.80	
05 05 23 00-1229	LF		3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod.....	27.09	0.77
			For Left Hand Threaded Rod, Add	2.56	
05 05 23 00-1230	LF		7/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod.....	37.91	0.80
			For Left Hand Threaded Rod, Add	3.63	
05 05 23 00-1231	LF		1" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod.....	49.11	0.90
			For Left Hand Threaded Rod, Add	4.73	
05 05 23 00-1232	LF		1-1/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod.....	64.89	1.00
			For Left Hand Threaded Rod, Add	6.29	
05 05 23 00-1233	LF		1-1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod.....	85.63	1.09
			For Left Hand Threaded Rod, Add	8.34	
05 05 23 00-1234	LF		1-3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod.....	95.83	1.18
			For Left Hand Threaded Rod, Add	9.35	
05 05 23 00-1235	LF		1-1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod.....	114.33	1.23
			For Left Hand Threaded Rod, Add	11.19	
05 05 23 00-1236	LF		1-3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod.....	139.22	1.29
			For Left Hand Threaded Rod, Add	13.66	
05 05 23 00-1237	LF		2" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod.....	244.38	1.35
			For Left Hand Threaded Rod, Add	24.17	
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.....	4.04	0.54
			For Left Hand Threaded Rod, Add	0.30	
05 05 23 00-1240	LF		5/16" Diameter, 304/18-8 Stainless Steel Threaded Rod.....	6.23	0.59
			For Left Hand Threaded Rod, Add	0.50	
05 05 23 00-1241	LF		3/8" Diameter, 304/18-8 Stainless Steel Threaded Rod.....	8.08	0.69
			For Left Hand Threaded Rod, Add	0.67	
05 05 23 00-1242	LF		7/16" Diameter, 304/18-8 Stainless Steel Threaded Rod.....	11.41	0.70
			For Left Hand Threaded Rod, Add	1.00	
05 05 23 00-1243	LF		1/2" Diameter, 304/18-8 Stainless Steel Threaded Rod.....	13.77	0.73
			For Left Hand Threaded Rod, Add	1.23	
05 05 23 00-1244	LF		9/16" Diameter, 304/18-8 Stainless Steel Threaded Rod.....	20.03	0.74
			For Left Hand Threaded Rod, Add	1.86	
05 05 23 00-1245	LF		5/8" Diameter, 304/18-8 Stainless Steel Threaded Rod.....	20.92	0.75
			For Left Hand Threaded Rod, Add	1.94	
05 05 23 00-1246	LF		3/4" Diameter, 304/18-8 Stainless Steel Threaded Rod.....	29.51	0.77
			For Left Hand Threaded Rod, Add	2.80	
05 05 23 00-1247	LF		7/8" Diameter, 304/18-8 Stainless Steel Threaded Rod.....	40.78	0.80
			For Left Hand Threaded Rod, Add	3.92	
05 05 23 00-1248	LF		1" Diameter, 304/18-8 Stainless Steel Threaded Rod.....	52.40	0.90
			For Left Hand Threaded Rod, Add	5.06	
05 05 23 00-1249	LF		1-1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod.....	111.51	1.09
			For Left Hand Threaded Rod, Add	10.93	
05 05 23 00-1250	LF		1-1/2" Diameter, 304/18-8 Stainless Steel Threaded Rod.....	170.15	1.23
			For Left Hand Threaded Rod, Add	16.77	
05 05 23 00-1251	LF		1-3/4" Diameter, 304/18-8 Stainless Steel Threaded Rod.....	175.01	1.29
			For Left Hand Threaded Rod, Add	17.24	
05 05 23 00-1252	LF		2" Diameter, 304/18-8 Stainless Steel Threaded Rod.....	242.48	1.35
			For Left Hand Threaded Rod, Add	23.98	
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.....	6.03	0.54
			For Left Hand Threaded Rod, Add	0.49	
05 05 23 00-1255	LF		5/16" Diameter, 316 Stainless Steel Threaded Rod.....	9.91	0.59
			For Left Hand Threaded Rod, Add	0.87	
05 05 23 00-1256	LF		3/8" Diameter, 316 Stainless Steel Threaded Rod.....	13.23	0.69
			For Left Hand Threaded Rod, Add	1.19	
05 05 23 00-1257	LF		7/16" Diameter, 316 Stainless Steel Threaded Rod.....	20.93	0.70
			For Left Hand Threaded Rod, Add	1.95	
05 05 23 00-1258	LF		1/2" Diameter, 316 Stainless Steel Threaded Rod.....	22.21	0.73
			For Left Hand Threaded Rod, Add	2.08	
05 05 23 00-1259	LF		9/16" Diameter, 316 Stainless Steel Threaded Rod.....	29.30	0.74
			For Left Hand Threaded Rod, Add	2.78	
05 05 23 00-1260	LF		5/8" Diameter, 316 Stainless Steel Threaded Rod.....	31.56	0.75
			For Left Hand Threaded Rod, Add	3.01	
05 05 23 00-1261	LF		3/4" Diameter, 316 Stainless Steel Threaded Rod.....	46.26	0.77
			For Left Hand Threaded Rod, Add	4.47	
05 05 23 00-1262	LF		7/8" Diameter, 316 Stainless Steel Threaded Rod.....	63.52	0.80
			For Left Hand Threaded Rod, Add	6.19	
05 05 23 00-1263	LF		1" Diameter, 316 Stainless Steel Threaded Rod.....	80.46	0.90
			For Left Hand Threaded Rod, Add	7.87	
05 05 23 00-1264	LF		1-1/4" Diameter, 316 Stainless Steel Threaded Rod.....	170.45	1.09
			For Left Hand Threaded Rod, Add	16.82	
05 05 23 00-1265	LF		1-1/2" Diameter, 316 Stainless Steel Threaded Rod.....	223.60	1.23
			For Left Hand Threaded Rod, Add	22.11	
05 05 23 00-1266			Plain Finish Steel, B-7 Alloy Threaded Rod (05 05 23 00-1190)		

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 00-1267 LF 1/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	6.11 2.51	0.54
05 05 23 00-1268 LF 5/16" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	9.79 4.30	0.59
05 05 23 00-1269 LF 3/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	10.16 4.41	0.69
05 05 23 00-1270 LF 7/16" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	11.17 4.89	0.70
05 05 23 00-1271 LF 1/2" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	12.38 5.47	0.73
05 05 23 00-1272 LF 9/16" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	15.73 7.13	0.74
05 05 23 00-1273 LF 5/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	16.25 7.38	0.75
05 05 23 00-1274 LF 3/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	21.94 10.20	0.77
05 05 23 00-1275 LF 7/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	26.50 12.46	0.80
05 05 23 00-1276 LF 1" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	34.59 16.40	0.90
05 05 23 00-1277 LF 1-1/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	45.29 21.64	1.00
05 05 23 00-1278 LF 1-1/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	50.39 24.07	1.09
05 05 23 00-1279 LF 1-3/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	58.36 28.00	1.18
05 05 23 00-1280 LF 1-1/2" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	71.30 34.42	1.23
05 05 23 00-1281 LF 1-3/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	73.68 35.55	1.29
05 05 23 00-1282 LF 2" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	99.52 48.41	1.35

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	0.62	0.27
05 05 23 00-1287 EA 5/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.70	0.27
05 05 23 00-1288 EA 3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.74	0.27
05 05 23 00-1289 EA 7/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.88	0.27
05 05 23 00-1290 EA 1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.96	0.27
05 05 23 00-1291 EA 9/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.32	0.27
05 05 23 00-1292 EA 5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.37	0.27
05 05 23 00-1293 EA 3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.64	0.54
05 05 23 00-1294 EA 7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	2.48	0.54
05 05 23 00-1295 EA 1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	3.18	0.54
05 05 23 00-1296 EA 1-1/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	5.31	0.54
05 05 23 00-1297 EA 1-1/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	6.52	0.54
05 05 23 00-1298 EA 1-3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	9.71	0.54
05 05 23 00-1299 EA 1-1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	11.27	0.82
05 05 23 00-1300 EA 1-3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	16.68	0.82
05 05 23 00-1301 EA 2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	24.23	0.82

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	0.64	0.27
05 05 23 00-1304 EA 5/16" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	0.71	0.27
05 05 23 00-1305 EA 3/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	0.77	0.27
05 05 23 00-1306 EA 7/16" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	0.92	0.27
05 05 23 00-1307 EA 1/2" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	1.10	0.27
05 05 23 00-1308 EA 9/16" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	1.36	0.27
05 05 23 00-1309 EA 5/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	1.40	0.27
05 05 23 00-1310 EA 3/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	1.88	0.54
05 05 23 00-1311 EA 7/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	2.72	0.54
05 05 23 00-1312 EA 1" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	3.90	0.54
05 05 23 00-1313 EA 1-1/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	6.03	0.54
05 05 23 00-1314 EA 1-1/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	8.59	0.54
05 05 23 00-1315 EA 1-3/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	12.74	0.54
05 05 23 00-1316 EA 1-1/2" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	14.08	0.82
05 05 23 00-1317 EA 1-3/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	25.64	0.82
05 05 23 00-1318 EA 2" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	36.88	0.82

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	0.66	0.27
05 05 23 00-1321 EA 5/16" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	0.77	0.27
05 05 23 00-1322 EA 3/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	0.83	0.27
05 05 23 00-1323 EA 7/16" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	1.08	0.27
05 05 23 00-1324 EA 1/2" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	1.31	0.27



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1325	EA		9/16" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	1.60	0.27
05 05 23 00-1326	EA		5/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	1.84	0.27
05 05 23 00-1327	EA		3/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	2.32	0.54
05 05 23 00-1328	EA		7/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	3.56	0.54
05 05 23 00-1329	EA		1" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	4.79	0.54
05 05 23 00-1330	EA		1-1/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	7.59	0.54
05 05 23 00-1331	EA		1-1/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	9.50	0.54
05 05 23 00-1332	EA		1-3/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	15.80	0.54
05 05 23 00-1333	EA		1-1/2" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	16.77	0.82
05 05 23 00-1334	EA		1-3/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	25.71	0.82
05 05 23 00-1335	EA		2" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	36.47	0.82
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	0.66	0.27
05 05 23 00-1338	EA		5/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	0.75	0.27
05 05 23 00-1339	EA		3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	0.81	0.27
05 05 23 00-1340	EA		7/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	1.05	0.27
05 05 23 00-1341	EA		1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	1.22	0.27
05 05 23 00-1342	EA		9/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	1.38	0.27
05 05 23 00-1343	EA		5/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	1.54	0.27
05 05 23 00-1344	EA		3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	2.10	0.54
05 05 23 00-1345	EA		7/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	3.12	0.54
05 05 23 00-1346	EA		1" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	4.36	0.54
05 05 23 00-1347	EA		1-1/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	7.33	0.54
05 05 23 00-1348	EA		1-1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	9.43	0.54
05 05 23 00-1349	EA		1-3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	14.13	0.54
05 05 23 00-1350	EA		1-1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	16.51	0.82
05 05 23 00-1351	EA		1-3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	29.00	0.82
05 05 23 00-1352	EA		2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	50.38	0.82
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	0.78	0.27
05 05 23 00-1355	EA		5/16" Diameter, 304 Stainless Steel Hex Nut	0.95	0.27
05 05 23 00-1356	EA		3/8" Diameter, 304 Stainless Steel Hex Nut	1.07	0.27
05 05 23 00-1357	EA		7/16" Diameter, 304 Stainless Steel Hex Nut	1.72	0.27
05 05 23 00-1358	EA		1/2" Diameter, 304 Stainless Steel Hex Nut	1.86	0.27
05 05 23 00-1359	EA		9/16" Diameter, 304 Stainless Steel Hex Nut	2.98	0.27
05 05 23 00-1360	EA		5/8" Diameter, 304 Stainless Steel Hex Nut	3.35	0.27
05 05 23 00-1361	EA		3/4" Diameter, 304 Stainless Steel Hex Nut	3.88	0.54
05 05 23 00-1362	EA		7/8" Diameter, 304 Stainless Steel Hex Nut	6.55	0.54
05 05 23 00-1363	EA		1" Diameter, 304 Stainless Steel Hex Nut	10.15	0.54
05 05 23 00-1364	EA		1-1/4" Diameter, 304 Stainless Steel Hex Nut	24.80	0.54
05 05 23 00-1365	EA		1-1/2" Diameter, 304 Stainless Steel Hex Nut	48.05	0.82
05 05 23 00-1366	EA		1-3/4" Diameter, 304 Stainless Steel Hex Nut	84.87	0.82
05 05 23 00-1367	EA		2" Diameter, 304 Stainless Steel Hex Nut	121.18	0.82
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	0.95	0.27
05 05 23 00-1370	EA		5/16" Diameter, 316 Stainless Steel Hex Nut	1.09	0.27
05 05 23 00-1371	EA		3/8" Diameter, 316 Stainless Steel Hex Nut	1.33	0.27
05 05 23 00-1372	EA		7/16" Diameter, 316 Stainless Steel Hex Nut	2.34	0.27
05 05 23 00-1373	EA		1/2" Diameter, 316 Stainless Steel Hex Nut	2.51	0.27
05 05 23 00-1374	EA		9/16" Diameter, 316 Stainless Steel Hex Nut	3.52	0.27
05 05 23 00-1375	EA		5/8" Diameter, 316 Stainless Steel Hex Nut	4.01	0.27
05 05 23 00-1376	EA		3/4" Diameter, 316 Stainless Steel Hex Nut	5.69	0.54
05 05 23 00-1377	EA		7/8" Diameter, 316 Stainless Steel Hex Nut	8.04	0.54
05 05 23 00-1378	EA		1" Diameter, 316 Stainless Steel Hex Nut	12.51	0.54
05 05 23 00-1379	EA		1-1/4" Diameter, 316 Stainless Steel Hex Nut	38.73	0.54
05 05 23 00-1380	EA		1-1/2" Diameter, 316 Stainless Steel Hex Nut	62.90	0.82
05 05 23 00-1381	EA		1-3/4" Diameter, 316 Stainless Steel Hex Nut	106.49	0.82
05 05 23 00-1382	EA		2" Diameter, 316 Stainless Steel Hex Nut	198.43	0.82
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	0.09	
05 05 23 00-1387	EA		3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.16	
05 05 23 00-1388	EA		7/16" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.24	
05 05 23 00-1389	EA		1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.34	
05 05 23 00-1390	EA		9/16" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.39	
05 05 23 00-1391	EA		5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.66	
05 05 23 00-1392	EA		3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.95	
05 05 23 00-1393	EA		7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.13	
05 05 23 00-1394	EA		1" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.39	
05 05 23 00-1395	EA		1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.57	
05 05 23 00-1396	EA		1-1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.88	

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 00-1397	EA	1-3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	2.95
05 05 23 00-1398	EA	1-1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	3.02
05 05 23 00-1399	EA	1-3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	4.47
05 05 23 00-1400	EA	2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	5.56

05 05 23 00-1401 Zinc Plated Steel, Hardened Flat Washers (05 05 23 00-1383)

05 05 23 00-1402	EA	1/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	0.20
05 05 23 00-1403	EA	5/16" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	0.28
05 05 23 00-1404	EA	3/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	0.32
05 05 23 00-1405	EA	7/16" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	0.44
05 05 23 00-1406	EA	1/2" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	0.59
05 05 23 00-1407	EA	9/16" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	0.95
05 05 23 00-1408	EA	5/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	1.36
05 05 23 00-1409	EA	3/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	1.92
05 05 23 00-1410	EA	7/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	3.21
05 05 23 00-1411	EA	1" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	3.56
05 05 23 00-1412	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	5.18
05 05 23 00-1413	EA	1-1/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	5.65
05 05 23 00-1414	EA	1-3/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	7.45
05 05 23 00-1415	EA	1-1/2" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	8.52
05 05 23 00-1416	EA	1-3/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	11.45
05 05 23 00-1417	EA	2" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer.....	13.74

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.....	0.13
05 05 23 00-1420	EA	5/16" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	0.19
05 05 23 00-1421	EA	3/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	0.21
05 05 23 00-1422	EA	7/16" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	0.40
05 05 23 00-1423	EA	1/2" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	0.51
05 05 23 00-1424	EA	9/16" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	0.84
05 05 23 00-1425	EA	5/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	0.94
05 05 23 00-1426	EA	3/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	1.42
05 05 23 00-1427	EA	7/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	2.00
05 05 23 00-1428	EA	1" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	2.20
05 05 23 00-1429	EA	1-1/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	3.36
05 05 23 00-1430	EA	1-1/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	3.74
05 05 23 00-1431	EA	1-3/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	5.34
05 05 23 00-1432	EA	1-1/2" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	5.79
05 05 23 00-1433	EA	1-3/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer.....	8.40

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.....	0.18
05 05 23 00-1436	EA	5/16" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	0.25
05 05 23 00-1437	EA	3/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	0.35
05 05 23 00-1438	EA	7/16" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	0.64
05 05 23 00-1439	EA	1/2" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	1.17
05 05 23 00-1440	EA	9/16" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	1.46
05 05 23 00-1441	EA	5/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	2.15
05 05 23 00-1442	EA	3/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	2.19
05 05 23 00-1443	EA	7/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	4.61
05 05 23 00-1444	EA	1" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	5.84
05 05 23 00-1445	EA	1-1/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	6.80
05 05 23 00-1446	EA	1-1/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	7.32
05 05 23 00-1447	EA	1-3/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	7.74
05 05 23 00-1448	EA	1-1/2" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	9.43
05 05 23 00-1449	EA	1-3/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	11.72
05 05 23 00-1450	EA	2" Inside Diameter, 304/18-8 Stainless Steel Flat Washer.....	23.03

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.....	0.36
05 05 23 00-1453	EA	5/16" Inside Diameter, 316 Stainless Steel Flat Washer.....	0.39
05 05 23 00-1454	EA	3/8" Inside Diameter, 316 Stainless Steel Flat Washer.....	0.70
05 05 23 00-1455	EA	7/16" Inside Diameter, 316 Stainless Steel Flat Washer.....	0.82
05 05 23 00-1456	EA	1/2" Inside Diameter, 316 Stainless Steel Flat Washer.....	1.52
05 05 23 00-1457	EA	9/16" Inside Diameter, 316 Stainless Steel Flat Washer.....	2.73
05 05 23 00-1458	EA	5/8" Inside Diameter, 316 Stainless Steel Flat Washer.....	3.22
05 05 23 00-1459	EA	3/4" Inside Diameter, 316 Stainless Steel Flat Washer.....	4.06
05 05 23 00-1460	EA	7/8" Inside Diameter, 316 Stainless Steel Flat Washer.....	6.29
05 05 23 00-1461	EA	1" Inside Diameter, 316 Stainless Steel Flat Washer.....	7.03
05 05 23 00-1462	EA	1-1/8" Inside Diameter, 316 Stainless Steel Flat Washer.....	8.01
05 05 23 00-1463	EA	1-1/4" Inside Diameter, 316 Stainless Steel Flat Washer.....	9.86
05 05 23 00-1464	EA	1-3/8" Inside Diameter, 316 Stainless Steel Flat Washer.....	10.43
05 05 23 00-1465	EA	1-1/2" Inside Diameter, 316 Stainless Steel Flat Washer.....	10.66
05 05 23 00-1466	EA	1-3/4" Inside Diameter, 316 Stainless Steel Flat Washer.....	15.63



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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	0.06	
05 05 23 00-1472	EA	7/16" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.10	
05 05 23 00-1473	EA	1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.13	
05 05 23 00-1474	EA	9/16" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.22	
05 05 23 00-1475	EA	5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.25	
05 05 23 00-1476	EA	3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.38	
05 05 23 00-1477	EA	7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.63	
05 05 23 00-1478	EA	1" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	1.14	
05 05 23 00-1479	EA	1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	1.66	
05 05 23 00-1480	EA	1-1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	2.55	
05 05 23 00-1481	EA	1-3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	4.03	
05 05 23 00-1482	EA	1-1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	4.75	
05 05 23 00-1483	EA	1-3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	8.47	
05 05 23 00-1484	EA	2" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	9.54	
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	0.10	
05 05 23 00-1487	EA	5/16" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.12	
05 05 23 00-1488	EA	3/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.16	
05 05 23 00-1489	EA	7/16" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.18	
05 05 23 00-1490	EA	1/2" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.28	
05 05 23 00-1491	EA	9/16" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.37	
05 05 23 00-1492	EA	5/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.44	
05 05 23 00-1493	EA	3/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.73	
05 05 23 00-1494	EA	7/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	1.05	
05 05 23 00-1495	EA	1" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	1.66	
05 05 23 00-1496	EA	1-1/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	3.01	
05 05 23 00-1497	EA	1-1/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	3.59	
05 05 23 00-1498	EA	1-3/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	5.18	
05 05 23 00-1499	EA	1-1/2" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	5.92	
05 05 23 00-1500	EA	1-3/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	8.01	
05 05 23 00-1501	EA	2" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	10.91	
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	0.15	
05 05 23 00-1504	EA	5/16" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.21	
05 05 23 00-1505	EA	3/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.30	
05 05 23 00-1506	EA	7/16" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.56	
05 05 23 00-1507	EA	1/2" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.62	
05 05 23 00-1508	EA	9/16" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	1.51	
05 05 23 00-1509	EA	5/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	1.78	
05 05 23 00-1510	EA	3/4" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	2.07	
05 05 23 00-1511	EA	7/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	3.75	
05 05 23 00-1512	EA	1" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	5.29	
05 05 23 00-1513	EA	1-1/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	9.24	
05 05 23 00-1514	EA	1-1/4" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	12.29	
05 05 23 00-1515	EA	1-3/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	15.63	
05 05 23 00-1516	EA	1-1/2" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	18.75	
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	0.19	
05 05 23 00-1519	EA	5/16" Inside Diameter, 316 Stainless Steel Lock Washer	0.41	
05 05 23 00-1520	EA	3/8" Inside Diameter, 316 Stainless Steel Lock Washer	0.47	
05 05 23 00-1521	EA	7/16" Inside Diameter, 316 Stainless Steel Lock Washer	0.81	
05 05 23 00-1522	EA	1/2" Inside Diameter, 316 Stainless Steel Lock Washer	0.90	
05 05 23 00-1523	EA	9/16" Inside Diameter, 316 Stainless Steel Lock Washer	1.61	
05 05 23 00-1524	EA	5/8" Inside Diameter, 316 Stainless Steel Lock Washer	1.76	
05 05 23 00-1525	EA	3/4" Inside Diameter, 316 Stainless Steel Lock Washer	3.05	
05 05 23 00-1526	EA	7/8" Inside Diameter, 316 Stainless Steel Lock Washer	5.04	
05 05 23 00-1527	EA	1" Inside Diameter, 316 Stainless Steel Lock Washer	6.86	
05 05 23 00-1528	EA	1-1/8" Inside Diameter, 316 Stainless Steel Lock Washer	9.57	
05 05 23 00-1529	EA	1-1/4" Inside Diameter, 316 Stainless Steel Lock Washer	14.73	
05 05 23 00-1530	EA	1-3/8" Inside Diameter, 316 Stainless Steel Lock Washer	26.37	
05 05 23 00-1531	EA	1-1/2" Inside Diameter, 316 Stainless Steel Lock Washer	29.28	
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 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 00-1535 EA 1/2", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	2.76	
05 05 23 00-1536 EA 5/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	3.13	
05 05 23 00-1537 EA 3/4", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	3.37	
05 05 23 00-1538 EA 7/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	3.83	
05 05 23 00-1539 EA 1", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	4.63	
05 05 23 00-1540 EA 1-1/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	7.69	
05 05 23 00-1541 EA 1-1/4", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	9.94	
05 05 23 00-1542 EA 1-3/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	12.69	
05 05 23 00-1543 EA 1-1/2", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	13.95	
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)	3.50	
05 05 23 00-1546 EA 5/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	3.89	
05 05 23 00-1547 EA 3/4", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	3.79	
05 05 23 00-1548 EA 7/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	4.63	
05 05 23 00-1549 EA 1", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	5.48	
05 05 23 00-1550 EA 1-1/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	8.26	
05 05 23 00-1551 EA 1-1/4", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	10.40	
05 05 23 00-1552 EA 1-3/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	14.79	
05 05 23 00-1553 EA 1-1/2", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	16.27	
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)	4.56	
05 05 23 00-1557 EA 5/8", Plain Finish, Square Beveled Structural Washer (ASTM F436)	4.66	
05 05 23 00-1558 EA 3/4", Plain Finish, Square Beveled Structural Washer (ASTM F436)	4.76	
05 05 23 00-1559 EA 7/8", Plain Finish, Square Beveled Structural Washer (ASTM F436)	5.79	
05 05 23 00-1560 EA 1", Plain Finish, Square Beveled Structural Washer (ASTM F436)	6.09	
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)	6.56	
05 05 23 00-1563 EA 5/8", Galvanized, Square Beveled Structural Washer (ASTM F436)	6.85	
05 05 23 00-1564 EA 3/4", Galvanized, Square Beveled Structural Washer (ASTM F436)	6.85	
05 05 23 00-1565 EA 7/8", Galvanized, Square Beveled Structural Washer (ASTM F436)	7.25	
05 05 23 00-1566 EA 1", Galvanized, Square Beveled Structural Washer (ASTM F436)	7.71	
05 05 23 00-1567 Drilling In Existing Steel Plates (05 05 23)		
05 05 23 00-1568 EA Up To 1/2" Diameter Drill Through Up To 1/4" Steel Plate	23.18	
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	-8.11	
For >50, Deduct	-11.59	
05 05 23 00-1569 EA >1/2" To 7/8" Diameter Drill Through Up To 1/4" Steel Plate	27.28	
For Aluminum, Deduct	-2.73	
For Stainless Steel, Add	3.41	
For >5 To 10, Deduct	-2.73	
For >10 To 25, Deduct	-6.82	
For >25 To 50, Deduct	-9.55	
For >50, Deduct	-13.64	
05 05 23 00-1570 EA >7/8" To 1-1/2" Diameter Drill Through Up To 1/4" Steel Plate	32.73	
For Aluminum, Deduct	-3.27	
For Stainless Steel, Add	4.09	
For >5 To 10, Deduct	-3.27	
For >10 To 25, Deduct	-8.18	
For >25 To 50, Deduct	-11.46	
For >50, Deduct	-16.37	
05 05 23 00-1571 EA >1-1/2" To 4" Diameter Drill Through Up To 1/4" Steel Plate	38.18	
For Aluminum, Deduct	-3.82	
For Stainless Steel, Add	4.77	
For >5 To 10, Deduct	-3.82	
For >10 To 25, Deduct	-9.55	
For >25 To 50, Deduct	-13.36	
For >50, Deduct	-19.09	
05 05 23 00-1572 EA >4" To 10" Diameter Drill Through Up To 1/4" Steel Plate	51.15	
For Aluminum, Deduct	-5.12	
For Stainless Steel, Add	6.39	
For >5 To 10, Deduct	-5.12	
For >10 To 25, Deduct	-12.79	
For >25 To 50, Deduct	-17.90	
For >50, Deduct	-25.58	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1573	EA		Up To 1/2" Diameter Drill Through >1/4" To 1/2" Steel Plate.....	27.28	
			For Aluminum, Deduct	-2.73	
			For Stainless Steel, Add	3.41	
			For >5 To 10, Deduct	-2.73	
			For >10 To 25, Deduct	-6.82	
			For >25 To 50, Deduct	-9.55	
			For >50, Deduct	-13.64	
05 05 23 00-1574	EA		>1/2" To 7/8" Diameter Drill Through >1/4" To 1/2" Steel Plate.....	34.10	
			For Aluminum, Deduct	-3.41	
			For Stainless Steel, Add	4.26	
			For >5 To 10, Deduct	-3.41	
			For >10 To 25, Deduct	-8.53	
			For >25 To 50, Deduct	-11.94	
			For >50, Deduct	-17.05	
05 05 23 00-1575	EA		>7/8" To 1-1/2" Diameter Drill Through >1/4" To 1/2" Steel Plate.....	40.91	
			For Aluminum, Deduct	-4.09	
			For Stainless Steel, Add	5.11	
			For >5 To 10, Deduct	-4.09	
			For >10 To 25, Deduct	-10.23	
			For >25 To 50, Deduct	-14.32	
			For >50, Deduct	-20.46	
05 05 23 00-1576	EA		>1-1/2" To 4" Diameter Drill Through >1/4" To 1/2" Steel Plate.....	51.15	
			For Aluminum, Deduct	-5.12	
			For Stainless Steel, Add	6.39	
			For >5 To 10, Deduct	-5.12	
			For >10 To 25, Deduct	-12.79	
			For >25 To 50, Deduct	-17.90	
			For >50, Deduct	-25.58	
05 05 23 00-1577	EA		Up To 1/2" Diameter Drill Through >1/2" To 1" Steel Plate.....	34.10	
			For Aluminum, Deduct	-3.41	
			For Stainless Steel, Add	4.26	
			For >5 To 10, Deduct	-3.41	
			For >10 To 25, Deduct	-8.53	
			For >25 To 50, Deduct	-11.94	
			For >50, Deduct	-17.05	
05 05 23 00-1578	EA		>1/2" To 7/8" Diameter Drill Through >1/2" To 1" Steel Plate.....	45.01	
			For Aluminum, Deduct	-4.50	
			For Stainless Steel, Add	5.63	
			For >5 To 10, Deduct	-4.50	
			For >10 To 25, Deduct	-11.25	
			For >25 To 50, Deduct	-15.75	
			For >50, Deduct	-22.51	
05 05 23 00-1579	EA		>7/8" To 1-1/2" Diameter Drill Through >1/2" To 1" Steel Plate.....	54.55	
			For Aluminum, Deduct	-5.46	
			For Stainless Steel, Add	6.82	
			For >5 To 10, Deduct	-5.46	
			For >10 To 25, Deduct	-13.64	
			For >25 To 50, Deduct	-19.09	
			For >50, Deduct	-27.28	
05 05 23 00-1580			Welded Stud Anchors.....		
05 05 23 00-1581	EA		1-1/8" Long x 1/4" Diameter, Welded Stud Concrete Anchors.....	4.69	
05 05 23 00-1582	EA		2-11/16" Long x 1/4" Diameter, Welded Stud Concrete Anchors.....	4.80	
05 05 23 00-1583	EA		3-1/8" Long x 1/4" Diameter, Welded Stud Concrete Anchors.....	4.85	
05 05 23 00-1584	EA		4-1/8" Long x 1/4" Diameter, Welded Stud Concrete Anchors.....	4.89	
05 05 23 00-1585	EA		1-3/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors.....	4.57	
05 05 23 00-1586	EA		1-5/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors.....	4.84	
05 05 23 00-1587	EA		2-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors.....	5.11	
05 05 23 00-1588	EA		2-5/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors.....	5.25	
05 05 23 00-1589	EA		3-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors.....	5.39	
05 05 23 00-1590	EA		4-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors.....	5.95	
05 05 23 00-1591	EA		5-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors.....	6.41	
05 05 23 00-1592	EA		6-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors.....	6.78	
05 05 23 00-1593	EA		1-1/2" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....	5.65	
05 05 23 00-1594	EA		1-5/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....	5.69	
05 05 23 00-1595	EA		2-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....	6.11	
05 05 23 00-1596	EA		2-5/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....	6.51	
05 05 23 00-1597	EA		3-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....	7.00	
05 05 23 00-1598	EA		4-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....	7.76	
05 05 23 00-1599	EA		5-5/16" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....	8.25	
05 05 23 00-1600	EA		6-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....	9.59	
05 05 23 00-1601	EA		8-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....	12.12	
05 05 23 00-1602	EA		2-11/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors.....	8.20	
05 05 23 00-1603	EA		3-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors.....	8.84	
05 05 23 00-1604	EA		3-11/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors.....	9.36	
05 05 23 00-1605	EA		4-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors.....	9.88	
05 05 23 00-1606	EA		4-11/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors.....	10.31	
05 05 23 00-1607	EA		5-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors.....	10.70	
05 05 23 00-1608	EA		6-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors.....	11.22	
05 05 23 00-1609	EA		6-9/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors.....	13.39	
05 05 23 00-1610	EA		8-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors.....	16.38	

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 00-1611	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	10.59	
05 05 23 00-1614	EA 3/4" Diameter x 3-3/8" Long, Welded Shear Stud Connector	11.05	
05 05 23 00-1615	EA 3/4" Diameter x 3-7/8" Long, Welded Shear Stud Connector	11.17	
05 05 23 00-1616	EA 3/4" Diameter x 4-3/16" Long, Welded Shear Stud Connector	11.23	
05 05 23 00-1617	EA 3/4" Diameter x 4-3/8" Long, Welded Shear Stud Connector	11.75	
05 05 23 00-1618	EA 3/4" Diameter x 4-11/16" Long, Welded Shear Stud Connector	12.70	
05 05 23 00-1619	EA 3/4" Diameter x 4-7/8" Long, Welded Shear Stud Connector	21.89	
05 05 23 00-1620	EA 3/4" Diameter x 5-3/16" Long, Welded Shear Stud Connector	13.80	
05 05 23 00-1621	EA 3/4" Diameter x 5-3/8" Long, Welded Shear Stud Connector	15.48	
05 05 23 00-1622	EA 3/4" Diameter x 6-3/16" Long, Welded Shear Stud Connector	19.90	
05 05 23 00-1623	EA 3/4" Diameter x 7-3/16" Long, Welded Shear Stud Connector	20.42	
05 05 23 00-1624	EA 3/4" Diameter x 8-3/16" Long, Welded Shear Stud Connector	22.25	
05 05 23 00-1625	EA 3/4" Diameter x 10-3/16" Long, Welded Shear Stud Connector	29.94	
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	12.88	
05 05 23 00-1628	EA 7/8" Diameter x 3-11/16" Long, Welded Shear Stud Connector	13.62	
05 05 23 00-1629	EA 7/8" Diameter x 4-3/16" Long, Welded Shear Stud Connector	14.35	
05 05 23 00-1630	EA 7/8" Diameter x 5-3/16" Long, Welded Shear Stud Connector	16.46	
05 05 23 00-1631	EA 7/8" Diameter x 6-3/16" Long, Welded Shear Stud Connector	21.03	
05 05 23 00-1632	EA 7/8" Diameter x 7-3/16" Long, Welded Shear Stud Connector	23.26	
05 05 23 00-1633	EA 7/8" Diameter x 8-3/16" Long, Welded Shear Stud Connector	25.45	
05 05 23 00-1634	EA 7/8" Diameter x 10-3/16" Long, Welded Shear Stud Connector	31.62	
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	17.68	
05 05 23 00-1637	EA 1" Diameter x 4-1/4" Long, Welded Shear Stud Connector	19.94	
05 05 23 00-1638	EA 1" Diameter x 5-1/4" Long, Welded Shear Stud Connector	23.26	
05 05 23 00-1639	EA 1" Diameter x 6-1/4" Long, Welded Shear Stud Connector	29.36	
05 05 23 00-1640	EA 1" Diameter x 7-1/4" Long, Welded Shear Stud Connector	32.84	
05 05 23 00-1641	EA 1" Diameter x 8-1/4" Long, Welded Shear Stud Connector	36.32	
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 00-0131 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 cross-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 00-0131 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	12,004.81	1,306.69
	For ASTM A242 Type 2 High Strength Steel, Add	744.12	
	For Hot Dip Galvanizing, Add	2,604.43	
	For >10 To 25 Tons, Deduct	-790.63	
	For >25 To 50 Tons, Deduct	-1,627.77	
	For >50 Tons, Deduct	-2,325.39	
05 12 23 00-0004	TON >30-65 LB/LF Beams, Girders And Columns	8,534.94	844.68
	For ASTM A242 Type 2 High Strength Steel, Add	610.71	
	For Hot Dip Galvanizing, Add	2,137.48	
	For >10 To 25 Tons, Deduct	-648.88	
	For >25 To 50 Tons, Deduct	-1,335.93	
	For >50 Tons, Deduct	-1,908.47	
05 12 23 00-0005	TON >65-100 LB/LF Beams, Girders And Columns	7,284.08	475.18
	For ASTM A242 Type 2 High Strength Steel, Add	542.18	
	For Hot Dip Galvanizing, Add	1,897.62	
	For >10 To 25 Tons, Deduct	-576.06	
	For >25 To 50 Tons, Deduct	-1,186.01	
	For >50 Tons, Deduct	-1,694.31	
05 12 23 00-0006	TON >100-300 LB/LF Beams, Girders And Columns	4,903.35	252.93
	For ASTM A242 Type 2 High Strength Steel, Add	370.64	
	For Hot Dip Galvanizing, Add	1,297.25	
	For >10 To 25 Tons, Deduct	-393.81	
	For >25 To 50 Tons, Deduct	-810.78	
	For >50 Tons, Deduct	-1,158.26	
05 12 23 00-0007	Trusses, Built-Up (05 12 23 00-0001)		



	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 00-0008	TON	Built-Up Trusses, Rolled Structural Steel Members For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	9,057.74 648.83 2,270.89 -689.38 -1,419.31 -2,027.58	888.65
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 For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	17,481.28 1,074.62 3,761.17 -1,141.78 -2,350.73 -3,358.19	2,429.12
05 12 23 00-0012	TON	>10 To 20 LB/LF Rolled Shape Steel Angles For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	15,553.07 1,027.98 3,897.95 -1,092.23 -2,248.72 -3,212.45	1,425.54
05 12 23 00-0013	TON	>20 To 58 LB/LF Rolled Shape Steel Angles For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	12,204.72 904.30 3,165.06 -960.82 -1,978.16 -2,825.95	844.68
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 For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	18,799.86 1,058.40 3,704.39 -1,124.55 -2,315.25 -3,307.50	3,326.27
05 12 23 00-0016	TON	>10 To 20 Rolled C, MC Steel Channels For ASTM A242 Type 2 High Strength Steel, Add For Hot Dip Galvanizing, Add For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	15,375.66 1,013.79 3,548.27 -1,077.15 -2,217.67 -3,168.10	2,534.29
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 For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	12,001.96 888.08 3,108.29 -943.59 -1,942.68 -2,775.26	844.68
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 For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	16,299.62 1,034.07 3,619.24 -1,098.70 -2,262.02 -3,231.46	1,927.33
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 For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	13,066.44 973.24 3,406.34 -1,034.07 -2,128.96 -3,041.38	844.68
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 For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	9,884.43 750.21 2,625.72 -797.09 -1,641.07 -2,344.39	475.18
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 For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	6,352.65 486.62 1,703.17 -517.03 -1,064.48 -1,520.69	253.30
05 12 23 00-0023		Structural WT, MT, ST Tee Shapes (05 12 23 00-0001)		

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 00-0024	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 For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	14,868.76 973.24 3,406.34 -1,034.07 -2,128.96 -3,041.38	1,425.54
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 For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	10,202.62 744.12 2,604.43 -790.63 -1,627.77 -2,325.39	844.68
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 For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	8,110.30 608.28 2,128.96 -646.29 -1,330.60 -1,900.86	475.18
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 For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	5,998.24 458.23 1,603.82 -486.87 -1,002.39 -1,431.98	252.93
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 For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	14,083.07 910.38 3,186.35 -967.28 -1,991.47 -2,844.95	1,425.54
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 For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	10,278.67 750.21 2,625.73 -797.10 -1,641.08 -2,344.40	844.68
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 For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	7,476.67 557.58 1,951.55 -592.43 -1,219.72 -1,742.45	475.18
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 For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	6,504.72 498.79 1,745.75 -529.96 -1,091.09 -1,558.71	252.93
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 For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	5,634.99 439.99 1,539.95 -467.49 -962.47 -1,374.96	126.97
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 For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	9,873.14 717.76 2,512.18 -762.63 -1,570.11 -2,243.02	844.68
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 For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	7,502.02 559.61 1,958.64 -594.59 -1,224.15 -1,748.79	475.18
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 For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	14,868.76 973.24 3,406.34 -1,034.07 -2,128.96 -3,041.38	1,425.54



	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 00-0040	TON	>30-65 LB/LF Combination Section - Channels And Angles	.....	10,785.55	844.68
		For ASTM A242 Type 2 High Strength Steel, Add	790.76		
		For Hot Dip Galvanizing, Add	2,767.65		
		For >10 To 25 Tons, Deduct	-840.18		
		For >25 To 50 Tons, Deduct	-1,729.78		
		For >50 Tons, Deduct	-2,471.12		
05 12 23 00-0041	TON	>65-100 LB/LF Combination Section - Channels And Angles	.....	7,679.44	475.18
		For ASTM A242 Type 2 High Strength Steel, Add	573.81		
		For Hot Dip Galvanizing, Add	2,008.32		
		For >10 To 25 Tons, Deduct	-609.67		
		For >25 To 50 Tons, Deduct	-1,255.20		
		For >50 Tons, Deduct	-1,793.15		
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	.....	8,718.54	760.29
		For ASTM A242 Type 2 High Strength Steel, Add	632.61		
		For Hot Dip Galvanizing, Add	2,214.72		
		For >10 To 25 Tons, Deduct	-672.14		
		For >25 To 50 Tons, Deduct	-1,383.82		
		For >50 Tons, Deduct	-1,976.89		
05 12 23 00-0044	TON	>5" To 12" Diameter Standard Weight Pipe	.....	9,276.12	950.36
		For ASTM A242 Type 2 High Strength Steel, Add	660.99		
		For Hot Dip Galvanizing, Add	2,313.47		
		For >10 To 25 Tons, Deduct	-702.30		
		For >25 To 50 Tons, Deduct	-1,445.92		
		For >50 Tons, Deduct	-2,065.60		
05 12 23 00-0045		Temporary Steel Support For Structures (05 12 23 00-0001)			
		Note: Includes removal after use.			
05 12 23 00-0046	TON	Up To 30 LB/LF Temporary Steel Support For Structures	.....	12,004.81	
		Note: For all stock sections.			
05 12 23 00-0047	TON	>30 LB/LF Temporary Steel Support For Structures	.....	8,534.94	
		Note: For all stock sections.			
05 12 23 00-0048		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 cross-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 00-0131 for field fabrication of additional structural metal connections.			
05 12 23 00-0049		Steel Rods (05 12 23 00-0048)			
05 12 23 00-0050	TON	1/2" To 5" Diameter Extra Strong Steel, Solid	.....	9,453.55	594.04
		For ASTM A242 Type 2 High Strength Steel, Add	705.60		
		For Hot Dip Galvanizing, Add	2,469.59		
		For >10 To 25 Tons, Deduct	-749.70		
		For >25 To 50 Tons, Deduct	-1,543.50		
		For >50 Tons, Deduct	-2,205.00		
05 12 23 00-0051	TON	>5" To 12" Diameter Extra Strong Steel, Solid	.....	10,785.55	844.68
		For ASTM A242 Type 2 High Strength Steel, Add	790.76		
		For Hot Dip Galvanizing, Add	2,767.65		
		For >10 To 25 Tons, Deduct	-840.18		
		For >25 To 50 Tons, Deduct	-1,729.78		
		For >50 Tons, Deduct	-2,471.12		
05 12 23 00-0052		Column Base Plates (05 12 23 00-0048)			
05 12 23 00-0053	LB	Column Base Plates, Up To 150 LB / Each, A36 Miscellaneous Steel Items	.....	4.61	0.76
		For ASTM A242 Type 2 High Strength Steel, Add	0.30		
		For Hot Dip Galvanizing, Add	1.06		
05 12 23 00-0054	LB	Column Base Plates, >150 LB / Each, A36 Miscellaneous Steel Items	.....	4.34	0.65
		For ASTM A242 Type 2 High Strength Steel, Add	0.29		
		For Hot Dip Galvanizing, Add	1.01		
05 12 23 00-0055	TON	Column Base Plates, Up To 150 LB Each, A36 Miscellaneous Steel Items	.....	8,562.41	677.17
		For ASTM A242 Type 2 High Strength Steel, Add	627.21		
		For Hot Dip Galvanizing, Add	2,195.23		
		For >10 To 25 Tons, Deduct	-666.41		
		For >25 To 50 Tons, Deduct	-1,372.02		
		For >50 Tons, Deduct	-1,960.02		
05 12 23 00-0056	TON	Column Base Plates, >150 LB Each, A36 Miscellaneous Steel Items	.....	6,104.04	406.30
		For ASTM A242 Type 2 High Strength Steel, Add	453.65		
		For Hot Dip Galvanizing, Add	1,587.78		
		For >10 To 25 Tons, Deduct	-482.00		
		For >25 To 50 Tons, Deduct	-992.36		
		For >50 Tons, Deduct	-1,417.66		
05 12 23 00-0057		Double Extra Strong Pipes (05 12 23 00-0048)			

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 00-0058	TON	2" To 5" Diameter Double Extra Strong Pipe	11,245.76	1,086.07
		For ASTM A242 Type 2 High Strength Steel, Add	806.98	
		For Hot Dip Galvanizing, Add	2,824.42	
		For >10 To 25 Tons, Deduct	-857.41	
		For >25 To 50 Tons, Deduct	-1,765.27	
		For >50 Tons, Deduct	-2,521.81	
05 12 23 00-0059	TON	>5" To 8" Diameter Double Extra Strong Pipe	10,711.06	584.79
		For ASTM A242 Type 2 High Strength Steel, Add	806.98	
		For Hot Dip Galvanizing, Add	2,824.42	
		For >10 To 25 Tons, Deduct	-857.41	
		For >25 To 50 Tons, Deduct	-1,765.27	
		For >50 Tons, Deduct	-2,521.81	
05 12 23 00-0060		Structural Pipes (05 12 23 00-0048)		
05 12 23 00-0061	TON	3" To 5" Outside Diameter Structural Pipe, Extra Heavy A36 Miscellaneous Steel Items.....	7,868.61	501.79
		For ASTM A242 Type 2 High Strength Steel, Add	567.72	
		For Hot Dip Galvanizing, Add	1,987.03	
		For >10 To 25 Tons, Deduct	-603.21	
		For >25 To 50 Tons, Deduct	-1,241.89	
		For >50 Tons, Deduct	-1,774.14	
05 12 23 00-0062	TON	>5" To 12" Outside Diameter Structural Pipe, Extra Heavy A36 Miscellaneous Steel Items	8,373.26	578.71
		For ASTM A242 Type 2 High Strength Steel, Add	567.72	
		For Hot Dip Galvanizing, Add	1,987.03	
		For >10 To 25 Tons, Deduct	-603.21	
		For >25 To 50 Tons, Deduct	-1,241.89	
		For >50 Tons, Deduct	-1,774.14	
05 12 23 00-0063		Structural Tubing (05 12 23 00-0048)		
05 12 23 00-0064		Rectangle Structural Tubing (05 12 23 00-0063)		
05 12 23 00-0065	TON	3" x 2" Weight Range 5-7 LB/LF Structural Tubing - Rectangle.....	13,213.05	506.86
		For ASTM A242 Type 2 High Strength Steel, Add	1,013.79	
		For Hot Dip Galvanizing, Add	3,548.27	
		For >10 To 25 Tons, Deduct	-1,077.15	
		For >25 To 50 Tons, Deduct	-2,217.67	
		For >50 Tons, Deduct	-3,168.10	
05 12 23 00-0066	TON	4" x 3", 2" Weight Range 6-13 LB/LF Structural Tubing - Rectangle	13,296.23	584.79
		For ASTM A242 Type 2 High Strength Steel, Add	1,013.79	
		For Hot Dip Galvanizing, Add	3,548.27	
		For >10 To 25 Tons, Deduct	-1,077.15	
		For >25 To 50 Tons, Deduct	-2,217.67	
		For >50 Tons, Deduct	-3,168.10	
05 12 23 00-0067	TON	5" x 4", 3", 2" Weight Range 8-20 LB/LF Structural Tubing - Rectangle	11,574.07	633.57
		For ASTM A242 Type 2 High Strength Steel, Add	871.86	
		For Hot Dip Galvanizing, Add	3,051.51	
		For >10 To 25 Tons, Deduct	-926.35	
		For >25 To 50 Tons, Deduct	-1,907.20	
		For >50 Tons, Deduct	-2,724.57	
05 12 23 00-0068	TON	6" x 4", 3", 2" Weight Range 9-29 LB/LF Structural Tubing - Rectangle	10,948.89	760.29
		For ASTM A242 Type 2 High Strength Steel, Add	811.03	
		For Hot Dip Galvanizing, Add	2,838.62	
		For >10 To 25 Tons, Deduct	-861.72	
		For >25 To 50 Tons, Deduct	-1,774.14	
		For >50 Tons, Deduct	-2,534.48	
05 12 23 00-0069	TON	7" x 5", 4", 3" Weight Range 12-35 LB/LF Structural Tubing - Rectangle	10,742.63	844.68
		For ASTM A242 Type 2 High Strength Steel, Add	787.32	
		For Hot Dip Galvanizing, Add	2,755.63	
		For >10 To 25 Tons, Deduct	-836.53	
		For >25 To 50 Tons, Deduct	-1,722.27	
		For >50 Tons, Deduct	-2,460.39	
05 12 23 00-0070	TON	8" x 6", 4", 3", 2" Weight Range 11-42 LB/LF Structural Tubing - Rectangle	10,856.45	1,168.94
		For ASTM A242 Type 2 High Strength Steel, Add	768.76	
		For Hot Dip Galvanizing, Add	2,690.68	
		For >10 To 25 Tons, Deduct	-816.81	
		For >25 To 50 Tons, Deduct	-1,681.67	
		For >50 Tons, Deduct	-2,402.39	
05 12 23 00-0071	TON	10" x 6", 4", 2" Weight Range 15-50 LB/LF Structural Tubing - Rectangle	11,228.65	1,545.29
		For ASTM A242 Type 2 High Strength Steel, Add	766.43	
		For Hot Dip Galvanizing, Add	2,682.49	
		For >10 To 25 Tons, Deduct	-814.33	
		For >25 To 50 Tons, Deduct	-1,676.56	
		For >50 Tons, Deduct	-2,395.08	
05 12 23 00-0072	TON	12" x 6", 4", 2" Weight Range 17-76 LB/LF Structural Tubing - Rectangle	11,482.27	1,687.97
		For ASTM A242 Type 2 High Strength Steel, Add	774.54	
		For Hot Dip Galvanizing, Add	2,710.88	
		For >10 To 25 Tons, Deduct	-822.95	
		For >25 To 50 Tons, Deduct	-1,694.30	
		For >50 Tons, Deduct	-2,420.43	
05 12 23 00-0073	TON	14" x 10", 6", 4" Weight Range 29-76 LB/LF Structural Tubing - Rectangle	11,709.15	1,900.72
		For ASTM A242 Type 2 High Strength Steel, Add	774.54	
		For Hot Dip Galvanizing, Add	2,710.88	
		For >10 To 25 Tons, Deduct	-822.95	
		For >25 To 50 Tons, Deduct	-1,694.30	
		For >50 Tons, Deduct	-2,420.43	



			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 00-0074	TON	16" x 12", 8", 4" Weight Range 40-90 LB/LF Structural Tubing - Rectangle	.....	12,283.57	2,534.29
		For ASTM A242 Type 2 High Strength Steel, Add	766.43		
		For Hot Dip Galvanizing, Add	2,682.49		
		For >10 To 25 Tons, Deduct	-814.33		
		For >25 To 50 Tons, Deduct	-1,676.56		
		For >50 Tons, Deduct	-2,395.08		
05 12 23 00-0075	TON	18" x 6", 4" Weight Range 48-76 LB/LF Structural Tubing - Rectangle	.....	13,586.20	3,993.16
		For ASTM A242 Type 2 High Strength Steel, Add	746.15		
		For Hot Dip Galvanizing, Add	2,671.53		
		For >10 To 25 Tons, Deduct	-792.78		
		For >25 To 50 Tons, Deduct	-1,632.20		
		For >50 Tons, Deduct	-2,331.72		
05 12 23 00-0076	TON	20" x 12", 8", 4" Weight Range 48-105 LB/LF Structural Tubing - Rectangle	.....	15,124.95	5,830.53
		For ASTM A242 Type 2 High Strength Steel, Add	712.47		
		For Hot Dip Galvanizing, Add	2,493.63		
		For >10 To 25 Tons, Deduct	-756.99		
		For >25 To 50 Tons, Deduct	-1,558.52		
		For >50 Tons, Deduct	-2,226.46		
05 12 23 00-0077	Square Structural Tubing (05 12 23 00-0063)				
05 12 23 00-0078	TON	2" x 2" Weight Range 4-6 LB/LF Structural Tubing - Square	.....	13,179.26	475.18
		For ASTM A242 Type 2 High Strength Steel, Add	1,013.79		
		For Hot Dip Galvanizing, Add	3,548.27		
		For >10 To 25 Tons, Deduct	-1,077.15		
		For >25 To 50 Tons, Deduct	-2,217.67		
		For >50 Tons, Deduct	-3,168.10		
05 12 23 00-0079	TON	2.5" x 2.5" Weight Range 5-8 LB/LF Structural Tubing - Square	.....	13,213.05	506.86
		For ASTM A242 Type 2 High Strength Steel, Add	1,013.79		
		For Hot Dip Galvanizing, Add	3,548.27		
		For >10 To 25 Tons, Deduct	-1,077.15		
		For >25 To 50 Tons, Deduct	-2,217.67		
		For >50 Tons, Deduct	-3,168.10		
05 12 23 00-0080	TON	3" x 3" Weight Range 6-11 LB/LF Structural Tubing - Square	.....	11,827.52	633.57
		For ASTM A242 Type 2 High Strength Steel, Add	892.14		
		For Hot Dip Galvanizing, Add	3,122.48		
		For >10 To 25 Tons, Deduct	-947.90		
		For >25 To 50 Tons, Deduct	-1,951.55		
		For >50 Tons, Deduct	-2,787.93		
05 12 23 00-0081	TON	3.5" x 3.5" Weight Range 8-13 LB/LF Structural Tubing - Square	.....	11,709.23	760.29
		For ASTM A242 Type 2 High Strength Steel, Add	871.86		
		For Hot Dip Galvanizing, Add	3,051.51		
		For >10 To 25 Tons, Deduct	-926.35		
		For >25 To 50 Tons, Deduct	-1,907.20		
		For >50 Tons, Deduct	-2,724.57		
05 12 23 00-0082	TON	4" x 4" Weight Range 10-22 LB/LF Structural Tubing - Square	.....	9,326.81	950.36
		For ASTM A242 Type 2 High Strength Steel, Add	665.05		
		For Hot Dip Galvanizing, Add	2,327.67		
		For >10 To 25 Tons, Deduct	-706.61		
		For >25 To 50 Tons, Deduct	-1,454.79		
		For >50 Tons, Deduct	-2,078.27		
05 12 23 00-0083	TON	5" x 5" Weight Range 12-30 LB/LF Structural Tubing - Square	.....	9,471.62	1,086.07
		For ASTM A242 Type 2 High Strength Steel, Add	665.05		
		For Hot Dip Galvanizing, Add	2,327.67		
		For >10 To 25 Tons, Deduct	-706.61		
		For >25 To 50 Tons, Deduct	-1,454.79		
		For >50 Tons, Deduct	-2,078.27		
05 12 23 00-0084	TON	6" x 6" Weight Range 15-35 LB/LF Structural Tubing - Square	.....	9,935.04	1,520.58
		For ASTM A242 Type 2 High Strength Steel, Add	665.05		
		For Hot Dip Galvanizing, Add	2,327.67		
		For >10 To 25 Tons, Deduct	-706.61		
		For >25 To 50 Tons, Deduct	-1,454.79		
		For >50 Tons, Deduct	-2,078.27		
05 12 23 00-0085	TON	7" x 7" Weight Range 17-42 LB/LF Structural Tubing - Square	.....	10,492.60	1,900.72
		For ASTM A242 Type 2 High Strength Steel, Add	677.21		
		For Hot Dip Galvanizing, Add	2,370.24		
		For >10 To 25 Tons, Deduct	-719.54		
		For >25 To 50 Tons, Deduct	-1,481.40		
		For >50 Tons, Deduct	-2,116.29		
05 12 23 00-0086	TON	8" x 8" Weight Range 20-60 LB/LF Structural Tubing - Square	.....	12,537.04	2,534.29
		For ASTM A242 Type 2 High Strength Steel, Add	786.70		
		For Hot Dip Galvanizing, Add	2,753.46		
		For >10 To 25 Tons, Deduct	-835.87		
		For >25 To 50 Tons, Deduct	-1,720.91		
		For >50 Tons, Deduct	-2,458.45		
05 12 23 00-0087	TON	10" x 10" Weight Range 33-77 LB/LF Structural Tubing - Square	.....	13,888.65	3,801.45
		For ASTM A242 Type 2 High Strength Steel, Add	786.70		
		For Hot Dip Galvanizing, Add	2,753.46		
		For >10 To 25 Tons, Deduct	-835.87		
		For >25 To 50 Tons, Deduct	-1,720.91		
		For >50 Tons, Deduct	-2,458.45		

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 00-0088	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 For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	13,224.40 677.21 2,370.24 -719.54 -1,481.40 -2,116.29	4,461.75
05 12 23 00-0089	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 For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	15,850.15 770.48 2,696.69 -818.64 -1,685.43 -2,407.76	5,830.53
05 12 23 00-0090	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 For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	17,943.54 786.70 2,753.46 -835.87 -1,720.91 -2,458.45	7,602.89
05 12 23 00-0091 Galvanized Steel Pipe Tubing (05 12 23 00-0063) Note: ASTM A53 Grade B				
05 12 23 00-0092	LF	2" Diameter Galvanized Steel Pipe Tubing, Standard Weight	47.80	5.52
05 12 23 00-0093	LF	2-1/2" Diameter Galvanized Steel Pipe Tubing, Standard Weight	52.43	6.57
05 12 23 00-0094	LF	3" Diameter Galvanized Steel Pipe Tubing, Standard Weight	58.01	8.73
05 12 23 00-0095	LF	3-1/2" Diameter Galvanized Steel Pipe Tubing, Standard Weight	62.55	9.73
05 12 23 00-0096	LF	4" Diameter Galvanized Steel Pipe Tubing, Standard Weight	65.39	10.52
05 12 23 00-0097	LF	5" Diameter Galvanized Steel Pipe Tubing, Standard Weight	73.19	13.15
05 12 23 00-0098	LF	6" Diameter Galvanized Steel Pipe Tubing, Standard Weight	80.98	15.78
05 12 23 00-0099	LF	8" Diameter Galvanized Steel Pipe Tubing, Standard Weight	88.56	18.93
05 12 23 00-0100	LF	10" Diameter Galvanized Steel Pipe Tubing, Standard Weight	99.51	23.14
05 12 23 00-0101	LF	12" Diameter Galvanized Steel Pipe Tubing, Standard Weight	116.78	29.45
05 12 23 00-0102 Structural Shapes (05 12 23 00-0048)				
05 12 23 00-0103	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 For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	8,462.67 333.05 1,165.67 -1,061.24 -1,699.36 -2,337.47 -353.87 -728.55 -1,040.78	2,708.72
05 12 23 00-0104	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 For >10 To 25 Tons, Deduct For >25 To 60 Tons, Deduct For >50 Tons, Deduct	9,551.32 648.84 2,270.94 -1,027.17 -689.39 -1,419.34 -2,027.63	1,083.49
05 12 23 00-0105	LB	Structural Shapes, Primed Pipe Supports (Up To 20 LB/LF)	5.60	0.24
05 12 23 00-0106	LB	Structural Shapes, Galvanized Pipe Supports	6.86	0.24
05 12 23 00-0107 Built-Up Trusses (05 12 23 00-0048)				
05 12 23 00-0108	TON	Up To 50 LF Span Average Weight 100 LB/LF Trusses, Built-up For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	10,720.82 -876.80 -1,805.18 -2,578.83	380.14
05 12 23 00-0109	TON	>50-100 LF Span Average Weight 120 LB/LF Trusses, Built-up For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	10,641.98 -885.42 -1,822.92 -2,604.18	211.10
05 12 23 00-0110	TON	>100-200 LF Span Average Weight 150 LB/LF Trusses, Built-up For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	9,496.83 -797.09 -1,641.07 -2,344.39	111.76
05 12 23 00-0111	TON	>200 LF Span Average Weight 180 LB/LF Trusses, Built-up For >10 To 25 Tons, Deduct For >25 To 50 Tons, Deduct For >50 Tons, Deduct	9,236.75 -775.55 -1,596.72 -2,281.03	105.68
05 12 23 00-0112 Masonry Plates, Filler Plates, Sole Plates And Anchor Straps (05 12 23 00-0048) Note: Includes shop fabrication, welds, drilling and shop primer.				
05 12 23 00-0113	SF	1/4" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	34.04	7.80
05 12 23 00-0114	SF	3/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	51.05	11.67
05 12 23 00-0115	SF	1/2" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	68.07	15.56
05 12 23 00-0116	SF	5/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	85.08	19.44
05 12 23 00-0117	SF	3/4" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	102.11	23.22
05 12 23 00-0118	SF	7/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	119.12	27.22
05 12 23 00-0119	SF	1" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	136.14	31.11



		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 00-0120	SF 1-1/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps.....	153.15	35.00
05 12 23 00-0121	SF 1-1/4" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps.....	170.18	38.88
05 12 23 00-0122	SF 1-3/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps.....	187.19	42.77
05 12 23 00-0123	SF 1-1/2" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps.....	204.21	46.66
05 12 23 00-0124	SF 1-5/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps.....	221.22	50.55
05 12 23 00-0125	SF 1-3/4" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps.....	238.26	54.43
05 12 23 00-0126	SF 1-7/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps.....	255.27	58.32
05 12 23 00-0127	SF 2" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps.....	272.29	62.21
05 12 23 00-0128	Accessories For Steel (05 12 23)		
05 12 23 00-0129	Field Painting For Touch-Up Of Shop Prime Coat (05 12 23 00-0128)		
05 12 23 00-0130	SF Touch Up Paint - Type 1 Red Oxide Field Painting Prime Coat.....	1.46	
05 12 23 00-0131	Connection And Stiffener Plates (05 12 23 00-0128)		
Note: For field fabrication of additional structural metal connections.			
05 12 23 00-0132	TON 1/8" Plate Weight 6.16 LB/SF Connection And Stiffener Plates.....	23,414.23	
	For >10 To 25 Tons, Deduct	-1,990.21	
	For >25 To 50 Tons, Deduct	-4,097.49	
	For >50 Tons, Deduct	-5,853.56	
05 12 23 00-0133	TON 3/16" Plate Weight 8.71 LB/SF Connection And Stiffener Plates.....	19,976.92	
	For >10 To 25 Tons, Deduct	-1,698.04	
	For >25 To 50 Tons, Deduct	-3,495.96	
	For >50 Tons, Deduct	-4,994.23	
05 12 23 00-0134	TON 1/4" Plate Weight 11.26 LB/SF Connection And Stiffener Plates.....	15,448.56	
	For >10 To 25 Tons, Deduct	-1,313.13	
	For >25 To 50 Tons, Deduct	-2,703.50	
	For >50 Tons, Deduct	-3,862.14	
05 12 23 00-0135	TON 5/16" Plate Weight 13.81 LB/SF Connection And Stiffener Plates.....	15,448.56	
	For >10 To 25 Tons, Deduct	-1,313.13	
	For >25 To 50 Tons, Deduct	-2,703.50	
	For >50 Tons, Deduct	-3,862.14	
05 12 23 00-0136	TON 3/8" Plate Weight 16.37 LB/SF Connection And Stiffener Plates.....	15,448.56	
	For >10 To 25 Tons, Deduct	-1,313.13	
	For >25 To 50 Tons, Deduct	-2,703.50	
	For >50 Tons, Deduct	-3,862.14	
05 12 23 00-0137	TON 1/2" Plate Weight 21.47 LB/SF Connection And Stiffener Plates.....	15,448.56	
	For >10 To 25 Tons, Deduct	-1,313.13	
	For >25 To 50 Tons, Deduct	-2,703.50	
	For >50 Tons, Deduct	-3,862.14	
05 12 23 00-0138	TON 9/16" Plate Weight 24.02 LB/SF Connection And Stiffener Plates.....	15,448.56	
	For >10 To 25 Tons, Deduct	-1,313.13	
	For >25 To 50 Tons, Deduct	-2,703.50	
	For >50 Tons, Deduct	-3,862.14	
05 12 23 00-0139	TON 5/8" Plate Weight 26.58 LB/SF Connection And Stiffener Plates.....	15,448.56	
	For >10 To 25 Tons, Deduct	-1,313.13	
	For >25 To 50 Tons, Deduct	-2,703.50	
	For >50 Tons, Deduct	-3,862.14	
05 12 23 00-0140	TON 3/4" Plate Weight 31.68 LB/SF Connection And Stiffener Plates.....	14,483.03	
	For >10 To 25 Tons, Deduct	-1,231.06	
	For >25 To 50 Tons, Deduct	-2,534.53	
	For >50 Tons, Deduct	-3,620.76	
05 12 23 00-0141	TON 7/8" Plate Weight 36.78 LB/SF Connection And Stiffener Plates.....	14,483.03	
	For >10 To 25 Tons, Deduct	-1,231.06	
	For >25 To 50 Tons, Deduct	-2,534.53	
	For >50 Tons, Deduct	-3,620.76	
05 12 23 00-0142	TON 1" Plate Weight 41.89 LB/SF Connection And Stiffener Plates.....	14,483.03	
	For >10 To 25 Tons, Deduct	-1,231.06	
	For >25 To 50 Tons, Deduct	-2,534.53	
	For >50 Tons, Deduct	-3,620.76	
05 12 23 00-0143	Field Applied Cold Galvanizing (05 12 23 00-0128)		
05 12 23 00-0144	SF Brush Applied Cold Galvanizing.....	1.73	
05 12 23 00-0145	Metal Grinding (05 12 23 00-0128)		
Note: For use to prepare existing metal for welding by removing of rust or scale and smoothing surface after torch cutting.			
05 12 23 00-0146	SI Metal Grinding Up To 1/32" Thickness To Be Removed.....	1.04	
Note: Includes rust or scale removal on metal and smoothing surface.			
05 12 23 00-0147	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 cross-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 00-0148	First Tier A992/A36 Structural Steel Columns, W Shapes (05 12 23 00-0147)		
Note: With base plate. Includes material delivery and erection.			

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 00-0149	LF	W14 x 730 A992/A36 Structural Column	1,645.22	75.13
		For Hot Dip Galvanizing, Add	434.32	
		For High Strength Low Alloy A572-50 Steel, Add	148.07	
		For High Strength Low Alloy A588 Grade B Steel, Add	329.04	
05 12 23 00-0150	LF	W14 x 665 A992/A36 Structural Column	1,500.42	70.03
		For Hot Dip Galvanizing, Add	395.65	
		For High Strength Low Alloy A572-50 Steel, Add	135.04	
		For High Strength Low Alloy A588 Grade B Steel, Add	300.08	
05 12 23 00-0151	LF	W14 x 605 A992/A36 Structural Column	1,366.63	65.18
		For Hot Dip Galvanizing, Add	369.95	
		For High Strength Low Alloy A572-50 Steel, Add	123.00	
		For High Strength Low Alloy A588 Grade B Steel, Add	273.33	
05 12 23 00-0152	LF	W14 x 550 A992/A36 Structural Column	1,243.85	60.63
		For Hot Dip Galvanizing, Add	327.23	
		For High Strength Low Alloy A572-50 Steel, Add	111.95	
		For High Strength Low Alloy A588 Grade B Steel, Add	248.77	
05 12 23 00-0153	LF	W14 x 500 A992/A36 Structural Column	1,142.32	65.90
		For Hot Dip Galvanizing, Add	297.48	
		For High Strength Low Alloy A572-50 Steel, Add	102.81	
		For High Strength Low Alloy A588 Grade B Steel, Add	228.46	
05 12 23 00-0154	LF	W14 x 426 A992/A36 Structural Column	974.66	57.52
		For Hot Dip Galvanizing, Add	253.46	
		For High Strength Low Alloy A572-50 Steel, Add	87.72	
		For High Strength Low Alloy A588 Grade B Steel, Add	194.93	
05 12 23 00-0155	LF	W14 x 342 A992/A36 Structural Column	788.14	49.80
		For Hot Dip Galvanizing, Add	203.99	
		For High Strength Low Alloy A572-50 Steel, Add	70.93	
		For High Strength Low Alloy A588 Grade B Steel, Add	157.63	
05 12 23 00-0156	LF	W14 x 311 A992/A36 Structural Column	709.85	46.51
		For Hot Dip Galvanizing, Add	183.21	
		For High Strength Low Alloy A572-50 Steel, Add	63.89	
		For High Strength Low Alloy A588 Grade B Steel, Add	141.97	
05 12 23 00-0157	LF	W14 x 283 A992/A36 Structural Column	644.32	43.85
		For Hot Dip Galvanizing, Add	165.84	
		For High Strength Low Alloy A572-50 Steel, Add	57.99	
		For High Strength Low Alloy A588 Grade B Steel, Add	128.86	
05 12 23 00-0158	LF	W14 x 257 A992/A36 Structural Column	566.34	41.56
		For Hot Dip Galvanizing, Add	144.87	
		For High Strength Low Alloy A572-50 Steel, Add	50.97	
		For High Strength Low Alloy A588 Grade B Steel, Add	113.27	
05 12 23 00-0159	LF	W14 x 233 A992/A36 Structural Column	521.20	38.65
		For Hot Dip Galvanizing, Add	133.20	
		For High Strength Low Alloy A572-50 Steel, Add	46.91	
		For High Strength Low Alloy A588 Grade B Steel, Add	104.24	
05 12 23 00-0160	LF	W14 x 211 A992/A36 Structural Column	463.58	35.99
		For Hot Dip Galvanizing, Add	117.99	
		For High Strength Low Alloy A572-50 Steel, Add	41.72	
		For High Strength Low Alloy A588 Grade B Steel, Add	92.72	
05 12 23 00-0161	LF	W14 x 193 A992/A36 Structural Column	419.30	34.21
		For Hot Dip Galvanizing, Add	106.23	
		For High Strength Low Alloy A572-50 Steel, Add	37.74	
		For High Strength Low Alloy A588 Grade B Steel, Add	83.86	
05 12 23 00-0162	LF	W14 x 176 A992/A36 Structural Column	377.91	32.70
		For Hot Dip Galvanizing, Add	95.20	
		For High Strength Low Alloy A572-50 Steel, Add	34.01	
		For High Strength Low Alloy A588 Grade B Steel, Add	75.58	
05 12 23 00-0163	LF	W14 x 159 A992/A36 Structural Column	341.71	31.55
		For Hot Dip Galvanizing, Add	85.50	
		For High Strength Low Alloy A572-50 Steel, Add	30.75	
		For High Strength Low Alloy A588 Grade B Steel, Add	68.34	
05 12 23 00-0164	LF	W14 x 145 A992/A36 Structural Column	330.21	30.54
		For Hot Dip Galvanizing, Add	82.60	
		For High Strength Low Alloy A572-50 Steel, Add	29.72	
		For High Strength Low Alloy A588 Grade B Steel, Add	66.04	
05 12 23 00-0165	LF	W14 x 132 A992/A36 Structural Column	282.41	29.15
		For Hot Dip Galvanizing, Add	69.75	
		For High Strength Low Alloy A572-50 Steel, Add	25.42	
		For High Strength Low Alloy A588 Grade B Steel, Add	56.48	
05 12 23 00-0166	LF	W14 x 120 A992/A36 Structural Column	264.79	28.39
		For Hot Dip Galvanizing, Add	65.07	
		For High Strength Low Alloy A572-50 Steel, Add	23.83	
		For High Strength Low Alloy A588 Grade B Steel, Add	52.96	
05 12 23 00-0167	LF	W14 x 109 A992/A36 Structural Column	237.09	27.25
		For Hot Dip Galvanizing, Add	57.74	
		For High Strength Low Alloy A572-50 Steel, Add	21.34	
		For High Strength Low Alloy A588 Grade B Steel, Add	47.42	
05 12 23 00-0168	LF	W14 x 99 A992/A36 Structural Column	216.35	26.49
		For Hot Dip Galvanizing, Add	52.23	
		For High Strength Low Alloy A572-50 Steel, Add	19.47	
		For High Strength Low Alloy A588 Grade B Steel, Add	43.27	
05 12 23 00-0169	LF	W14 x 90 A992/A36 Structural Column	200.98	25.85
		For Hot Dip Galvanizing, Add	48.14	
		For High Strength Low Alloy A572-50 Steel, Add	18.09	
		For High Strength Low Alloy A588 Grade B Steel, Add	40.20	



		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 00-0170	LF	W14 x 82 A992/A36 Structural Column	185.15	25.09
		For Hot Dip Galvanizing, Add	43.96	
		For High Strength Low Alloy A572-50 Steel, Add	16.66	
		For High Strength Low Alloy A588 Grade B Steel, Add	37.03	
05 12 23 00-0171	LF	W14 x 74 A992/A36 Structural Column	167.18	24.46
		For Hot Dip Galvanizing, Add	39.18	
		For High Strength Low Alloy A572-50 Steel, Add	15.05	
		For High Strength Low Alloy A588 Grade B Steel, Add	33.44	
05 12 23 00-0172	LF	W14 x 68 A992/A36 Structural Column	156.16	24.07
		For Hot Dip Galvanizing, Add	36.23	
		For High Strength Low Alloy A572-50 Steel, Add	14.05	
		For High Strength Low Alloy A588 Grade B Steel, Add	31.23	
05 12 23 00-0173	LF	W14 x 61 A992/A36 Structural Column	142.39	23.44
		For Hot Dip Galvanizing, Add	32.59	
		For High Strength Low Alloy A572-50 Steel, Add	12.82	
		For High Strength Low Alloy A588 Grade B Steel, Add	28.48	
05 12 23 00-0174	LF	W14 x 53 A992/A36 Structural Column	129.70	22.81
		For Hot Dip Galvanizing, Add	29.24	
		For High Strength Low Alloy A572-50 Steel, Add	11.67	
		For High Strength Low Alloy A588 Grade B Steel, Add	25.94	
05 12 23 00-0175	LF	W14 x 48 A992/A36 Structural Column	121.51	22.42
		For Hot Dip Galvanizing, Add	27.07	
		For High Strength Low Alloy A572-50 Steel, Add	10.94	
		For High Strength Low Alloy A588 Grade B Steel, Add	24.30	
05 12 23 00-0176	LF	W14 x 43 A992/A36 Structural Column	109.65	22.05
		For Hot Dip Galvanizing, Add	23.92	
		For High Strength Low Alloy A572-50 Steel, Add	9.87	
		For High Strength Low Alloy A588 Grade B Steel, Add	21.93	
05 12 23 00-0177	LF	W12 x 336 A992/A36 Structural Column	750.25	33.46
		For Hot Dip Galvanizing, Add	198.30	
		For High Strength Low Alloy A572-50 Steel, Add	67.52	
		For High Strength Low Alloy A588 Grade B Steel, Add	150.05	
05 12 23 00-0178	LF	W12 x 305 A992/A36 Structural Column	683.62	32.79
		For Hot Dip Galvanizing, Add	180.00	
		For High Strength Low Alloy A572-50 Steel, Add	61.53	
		For High Strength Low Alloy A588 Grade B Steel, Add	136.72	
05 12 23 00-0179	LF	W12 x 279 A992/A36 Structural Column	627.90	32.40
		For Hot Dip Galvanizing, Add	164.66	
		For High Strength Low Alloy A572-50 Steel, Add	56.51	
		For High Strength Low Alloy A588 Grade B Steel, Add	125.58	
05 12 23 00-0180	LF	W12 x 252 A992/A36 Structural Column	569.61	31.59
		For Hot Dip Galvanizing, Add	148.72	
		For High Strength Low Alloy A572-50 Steel, Add	51.26	
		For High Strength Low Alloy A588 Grade B Steel, Add	113.92	
05 12 23 00-0181	LF	W12 x 230 A992/A36 Structural Column	522.34	31.13
		For Hot Dip Galvanizing, Add	135.74	
		For High Strength Low Alloy A572-50 Steel, Add	47.01	
		For High Strength Low Alloy A588 Grade B Steel, Add	104.47	
05 12 23 00-0182	LF	W12 x 210 A992/A36 Structural Column	479.34	30.70
		For Hot Dip Galvanizing, Add	123.94	
		For High Strength Low Alloy A572-50 Steel, Add	43.14	
		For High Strength Low Alloy A588 Grade B Steel, Add	95.87	
05 12 23 00-0183	LF	W12 x 190 A992/A36 Structural Column	441.47	34.97
		For Hot Dip Galvanizing, Add	112.13	
		For High Strength Low Alloy A572-50 Steel, Add	39.73	
		For High Strength Low Alloy A588 Grade B Steel, Add	88.29	
05 12 23 00-0184	LF	W12 x 170 A992/A36 Structural Column	398.93	33.96
		For Hot Dip Galvanizing, Add	100.68	
		For High Strength Low Alloy A572-50 Steel, Add	35.90	
		For High Strength Low Alloy A588 Grade B Steel, Add	79.79	
05 12 23 00-0185	LF	W12 x 152 A992/A36 Structural Column	359.62	31.55
		For Hot Dip Galvanizing, Add	90.47	
		For High Strength Low Alloy A572-50 Steel, Add	32.37	
		For High Strength Low Alloy A588 Grade B Steel, Add	71.92	
05 12 23 00-0186	LF	W12 x 136 A992/A36 Structural Column	341.88	30.66
		For Hot Dip Galvanizing, Add	85.80	
		For High Strength Low Alloy A572-50 Steel, Add	30.77	
		For High Strength Low Alloy A588 Grade B Steel, Add	68.38	
05 12 23 00-0187	LF	W12 x 120 A992/A36 Structural Column	258.81	28.14
		For Hot Dip Galvanizing, Add	63.45	
		For High Strength Low Alloy A572-50 Steel, Add	23.29	
		For High Strength Low Alloy A588 Grade B Steel, Add	51.76	
05 12 23 00-0188	LF	W12 x 106 A992/A36 Structural Column	238.51	27.25
		For Hot Dip Galvanizing, Add	58.13	
		For High Strength Low Alloy A572-50 Steel, Add	21.47	
		For High Strength Low Alloy A588 Grade B Steel, Add	47.70	
05 12 23 00-0189	LF	W12 x 96 A992/A36 Structural Column	213.37	26.36
		For Hot Dip Galvanizing, Add	51.44	
		For High Strength Low Alloy A572-50 Steel, Add	19.20	
		For High Strength Low Alloy A588 Grade B Steel, Add	42.67	
05 12 23 00-0190	LF	W12 x 87 A992/A36 Structural Column	196.83	25.47
		For Hot Dip Galvanizing, Add	47.06	
		For High Strength Low Alloy A572-50 Steel, Add	17.71	
		For High Strength Low Alloy A588 Grade B Steel, Add	39.37	

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 00-0191	LF	W12 x 79 A992/A36 Structural Column	.....	172.70	24.71
		For Hot Dip Galvanizing, Add	.....	40.61	
		For High Strength Low Alloy A572-50 Steel, Add	.....	15.54	
		For High Strength Low Alloy A588 Grade B Steel, Add	.....	34.54	
05 12 23 00-0192	LF	W12 x 72 A992/A36 Structural Column	.....	158.05	24.07
		For Hot Dip Galvanizing, Add	.....	36.72	
		For High Strength Low Alloy A572-50 Steel, Add	.....	14.22	
		For High Strength Low Alloy A588 Grade B Steel, Add	.....	31.61	
05 12 23 00-0193	LF	W12 x 65 A992/A36 Structural Column	.....	144.47	23.57
		For Hot Dip Galvanizing, Add	.....	33.13	
		For High Strength Low Alloy A572-50 Steel, Add	.....	13.00	
		For High Strength Low Alloy A588 Grade B Steel, Add	.....	28.89	
05 12 23 00-0194	LF	W12 x 58 A992/A36 Structural Column	.....	139.79	23.31
		For Hot Dip Galvanizing, Add	.....	31.90	
		For High Strength Low Alloy A572-50 Steel, Add	.....	12.58	
		For High Strength Low Alloy A588 Grade B Steel, Add	.....	27.96	
05 12 23 00-0195	LF	W12 x 53 A992/A36 Structural Column	.....	129.70	22.81
		For Hot Dip Galvanizing, Add	.....	29.24	
		For High Strength Low Alloy A572-50 Steel, Add	.....	11.67	
		For High Strength Low Alloy A588 Grade B Steel, Add	.....	25.94	
05 12 23 00-0196	LF	W12 x 50 A992/A36 Structural Column	.....	125.66	22.69
		For Hot Dip Galvanizing, Add	.....	28.16	
		For High Strength Low Alloy A572-50 Steel, Add	.....	11.31	
		For High Strength Low Alloy A588 Grade B Steel, Add	.....	25.13	
05 12 23 00-0197	LF	W12 x 45 A992/A36 Structural Column	.....	114.17	22.17
		For Hot Dip Galvanizing, Add	.....	25.17	
		For High Strength Low Alloy A572-50 Steel, Add	.....	10.28	
		For High Strength Low Alloy A588 Grade B Steel, Add	.....	22.83	
05 12 23 00-0198	LF	W12 x 40 A992/A36 Structural Column	.....	102.30	21.67
		For Hot Dip Galvanizing, Add	.....	21.95	
		For High Strength Low Alloy A572-50 Steel, Add	.....	9.21	
		For High Strength Low Alloy A588 Grade B Steel, Add	.....	20.46	
05 12 23 00-0199	LF	W10 x 112 A992/A36 Structural Column	.....	249.49	27.75
		For Hot Dip Galvanizing, Add	.....	61.04	
		For High Strength Low Alloy A572-50 Steel, Add	.....	22.45	
		For High Strength Low Alloy A588 Grade B Steel, Add	.....	49.90	
05 12 23 00-0200	LF	W10 x 110 A992/A36 Structural Column	.....	225.64	26.61
		For Hot Dip Galvanizing, Add	.....	54.74	
		For High Strength Low Alloy A572-50 Steel, Add	.....	20.31	
		For High Strength Low Alloy A588 Grade B Steel, Add	.....	45.13	
05 12 23 00-0201	LF	W10 x 88 A992/A36 Structural Column	.....	202.80	25.72
		For Hot Dip Galvanizing, Add	.....	48.68	
		For High Strength Low Alloy A572-50 Steel, Add	.....	18.25	
		For High Strength Low Alloy A588 Grade B Steel, Add	.....	40.56	
05 12 23 00-0202	LF	W10 x 77 A992/A36 Structural Column	.....	180.33	24.71
		For Hot Dip Galvanizing, Add	.....	42.73	
		For High Strength Low Alloy A572-50 Steel, Add	.....	16.23	
		For High Strength Low Alloy A588 Grade B Steel, Add	.....	36.07	
05 12 23 00-0203	LF	W10 x 68 A992/A36 Structural Column	.....	162.36	24.07
		For Hot Dip Galvanizing, Add	.....	37.95	
		For High Strength Low Alloy A572-50 Steel, Add	.....	14.61	
		For High Strength Low Alloy A588 Grade B Steel, Add	.....	32.47	
05 12 23 00-0204	LF	W10 x 60 A992/A36 Structural Column	.....	142.39	23.44
		For Hot Dip Galvanizing, Add	.....	32.59	
		For High Strength Low Alloy A572-50 Steel, Add	.....	12.82	
		For High Strength Low Alloy A588 Grade B Steel, Add	.....	28.48	
05 12 23 00-0205	LF	W10 x 54 A992/A36 Structural Column	.....	141.43	23.06
		For Hot Dip Galvanizing, Add	.....	32.39	
		For High Strength Low Alloy A572-50 Steel, Add	.....	12.73	
		For High Strength Low Alloy A588 Grade B Steel, Add	.....	28.29	
05 12 23 00-0206	LF	W10 x 49 A992/A36 Structural Column	.....	124.13	22.69
		For Hot Dip Galvanizing, Add	.....	27.76	
		For High Strength Low Alloy A572-50 Steel, Add	.....	11.17	
		For High Strength Low Alloy A588 Grade B Steel, Add	.....	24.83	
05 12 23 00-0207	LF	W10 x 45 A992/A36 Structural Column	.....	119.79	22.30
		For Hot Dip Galvanizing, Add	.....	26.63	
		For High Strength Low Alloy A572-50 Steel, Add	.....	10.78	
		For High Strength Low Alloy A588 Grade B Steel, Add	.....	23.96	
05 12 23 00-0208	LF	W10 x 39 A992/A36 Structural Column	.....	104.20	21.92
		For Hot Dip Galvanizing, Add	.....	22.45	
		For High Strength Low Alloy A572-50 Steel, Add	.....	9.38	
		For High Strength Low Alloy A588 Grade B Steel, Add	.....	20.84	
05 12 23 00-0209	LF	W10 x 33 A992/A36 Structural Column	.....	90.81	21.29
		For Hot Dip Galvanizing, Add	.....	18.90	
		For High Strength Low Alloy A572-50 Steel, Add	.....	8.17	
		For High Strength Low Alloy A588 Grade B Steel, Add	.....	18.16	
05 12 23 00-0210	LF	W8 x 67 A992/A36 Structural Column	.....	156.33	24.07
		For Hot Dip Galvanizing, Add	.....	36.28	
		For High Strength Low Alloy A572-50 Steel, Add	.....	14.07	
		For High Strength Low Alloy A588 Grade B Steel, Add	.....	31.27	
05 12 23 00-0211	LF	W8 x 58 A992/A36 Structural Column	.....	140.32	23.31
		For Hot Dip Galvanizing, Add	.....	32.05	
		For High Strength Low Alloy A572-50 Steel, Add	.....	12.63	
		For High Strength Low Alloy A588 Grade B Steel, Add	.....	28.06	



		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 00-0212	LF	W8 x 48 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add 25.11	125.53 28.16 11.30 25.11	22.69
05 12 23 00-0213	LF	W8 x 40 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add 21.54	107.70 23.38 9.69 21.54	22.05
05 12 23 00-0214	LF	W8 x 35 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add 19.45	97.26 20.62 8.75 19.45	21.54
05 12 23 00-0215	LF	W8 x 31 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add 17.77	88.85 18.36 8.00 17.77	21.29
05 12 23 00-0216	LF	W8 x 28 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add 16.73	83.63 16.98 7.53 16.73	21.04
05 12 23 00-0217	LF	W8 x 24 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add 15.47	77.35 15.31 6.96 15.47	20.79
05 12 23 00-0218	LF	W8 x 21 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add 14.64	73.18 14.22 6.59 14.64	20.65
05 12 23 00-0219	LF	W8 x 18 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add 13.06	65.31 12.11 5.88 13.06	20.27
05 12 23 00-0220	LF	W6 x 25 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add 16.25	81.24 16.39 7.31 16.25	20.79
05 12 23 00-0221	LF	W6 x 20 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add 13.73	68.63 13.00 6.18 13.73	20.40
05 12 23 00-0222	LF	W6 x 15 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add 11.75	58.77 10.44 5.29 11.75	19.76
05 12 23 00-0223	LF	W6 x 12 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add 11.01	55.04 9.40 4.95 11.01	19.76
05 12 23 00-0224	LF	W6 x 9 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add 10.06	50.31 8.12 4.53 10.06	19.64
05 12 23 00-0225	LF	W5 x 19 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add 13.51	67.57 12.70 6.08 13.51	20.40
05 12 23 00-0226	LF	W5 x 16 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add 12.43	62.16 11.27 5.59 12.43	20.27
05 12 23 00-0227	LF	W4 x 13 A992/A36 Structural Column For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add 11.64	58.19 10.24 5.24 11.64	20.02
05 12 23 00-0228		A992/A36 Structural Steel Beams And Girders, W Shapes (05 12 23 00-0147) Note: Includes material delivery and erection.		
05 12 23 00-0229	LF	W36 x 300 A992/A36 Structural Beam Or Girder For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Steel, Add For Each Additional Top Copes >2, Add For Structural Tees, WT, MT Or ST, Deduct For Skewed Or Sloped Connections, Add 70.97	591.41 139.76 53.23 118.28 5.04 -193.83 70.97	82.28
05 12 23 00-0230	LF	W36 x 280 A992/A36 Structural Beam Or Girder For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Steel, Add For Each Additional Top Copes >2, Add For Structural Tees, WT, MT Or ST, Deduct For Skewed Or Sloped Connections, Add 68.57	571.44 130.44 51.43 114.29 4.70 -184.80 68.57	95.03

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 00-0231	LF	W36 x 260 A992/A36 Structural Beam Or Girder	540.95	93.90
		For Hot Dip Galvanizing, Add	122.34	
		For High Strength Low Alloy A572-50 Steel, Add	48.69	
		For High Strength Low Alloy A588 Steel, Add	108.19	
		For Each Additional Top Copes >2, Add	4.41	
		For Structural Tees, WT, MT Or ST, Deduct	-174.32	
		For Skewed Or Sloped Connections, Add	64.91	
05 12 23 00-0232	LF	W36 x 240 A992/A36 Structural Beam Or Girder	503.26	79.30
		For Hot Dip Galvanizing, Add	116.18	
		For High Strength Low Alloy A572-50 Steel, Add	45.29	
		For High Strength Low Alloy A588 Steel, Add	100.65	
		For Each Additional Top Copes >2, Add	4.19	
		For Structural Tees, WT, MT Or ST, Deduct	-163.45	
		For Skewed Or Sloped Connections, Add	60.39	
05 12 23 00-0233	LF	W36 x 230 A992/A36 Structural Beam Or Girder	487.00	80.43
		For Hot Dip Galvanizing, Add	111.34	
		For High Strength Low Alloy A572-50 Steel, Add	43.83	
		For High Strength Low Alloy A588 Steel, Add	97.40	
		For Each Additional Top Copes >2, Add	4.01	
		For Structural Tees, WT, MT Or ST, Deduct	-157.58	
		For Skewed Or Sloped Connections, Add	58.44	
05 12 23 00-0234	LF	W36 x 210 A992/A36 Structural Beam Or Girder	463.26	90.86
		For Hot Dip Galvanizing, Add	101.66	
		For High Strength Low Alloy A572-50 Steel, Add	41.69	
		For High Strength Low Alloy A588 Steel, Add	92.65	
		For Each Additional Top Copes >2, Add	3.66	
		For Structural Tees, WT, MT Or ST, Deduct	-147.60	
		For Skewed Or Sloped Connections, Add	55.59	
05 12 23 00-0235	LF	W36 x 194 A992/A36 Structural Beam Or Girder	435.86	76.92
		For Hot Dip Galvanizing, Add	98.19	
		For High Strength Low Alloy A572-50 Steel, Add	39.23	
		For High Strength Low Alloy A588 Steel, Add	87.17	
		For Each Additional Top Copes >2, Add	3.54	
		For Structural Tees, WT, MT Or ST, Deduct	-140.25	
		For Skewed Or Sloped Connections, Add	52.30	
05 12 23 00-0236	LF	W36 x 182 A992/A36 Structural Beam Or Girder	413.37	76.36
		For Hot Dip Galvanizing, Add	92.11	
		For High Strength Low Alloy A572-50 Steel, Add	37.20	
		For High Strength Low Alloy A588 Steel, Add	82.67	
		For Each Additional Top Copes >2, Add	3.32	
		For Structural Tees, WT, MT Or ST, Deduct	-132.46	
		For Skewed Or Sloped Connections, Add	49.60	
05 12 23 00-0237	LF	W36 x 170 A992/A36 Structural Beam Or Girder	390.56	75.48
		For Hot Dip Galvanizing, Add	86.04	
		For High Strength Low Alloy A572-50 Steel, Add	35.15	
		For High Strength Low Alloy A588 Steel, Add	78.11	
		For Each Additional Top Copes >2, Add	3.10	
		For Structural Tees, WT, MT Or ST, Deduct	-124.62	
		For Skewed Or Sloped Connections, Add	46.87	
05 12 23 00-0238	LF	W36 x 160 A992/A36 Structural Beam Or Girder	385.58	87.94
		For Hot Dip Galvanizing, Add	80.98	
		For High Strength Low Alloy A572-50 Steel, Add	34.70	
		For High Strength Low Alloy A588 Steel, Add	77.12	
		For Each Additional Top Copes >2, Add	2.92	
		For Structural Tees, WT, MT Or ST, Deduct	-120.89	
		For Skewed Or Sloped Connections, Add	46.27	
05 12 23 00-0239	LF	W36 x 150 A992/A36 Structural Beam Or Girder	369.65	87.31
		For Hot Dip Galvanizing, Add	76.73	
		For High Strength Low Alloy A572-50 Steel, Add	33.27	
		For High Strength Low Alloy A588 Steel, Add	73.93	
		For Each Additional Top Copes >2, Add	2.77	
		For Structural Tees, WT, MT Or ST, Deduct	-115.41	
		For Skewed Or Sloped Connections, Add	44.36	
05 12 23 00-0240	LF	W36 x 135 A992/A36 Structural Beam Or Girder	347.39	86.55
		For Hot Dip Galvanizing, Add	70.80	
		For High Strength Low Alloy A572-50 Steel, Add	31.27	
		For High Strength Low Alloy A588 Steel, Add	69.48	
		For Each Additional Top Copes >2, Add	2.55	
		For Structural Tees, WT, MT Or ST, Deduct	-107.75	
		For Skewed Or Sloped Connections, Add	41.69	
05 12 23 00-0241	LF	W33 x 241 A992/A36 Structural Beam Or Girder	509.55	81.80
		For Hot Dip Galvanizing, Add	117.19	
		For High Strength Low Alloy A572-50 Steel, Add	45.86	
		For High Strength Low Alloy A588 Steel, Add	101.91	
		For Each Additional Top Copes >2, Add	4.22	
		For Structural Tees, WT, MT Or ST, Deduct	-165.26	
		For Skewed Or Sloped Connections, Add	61.15	
05 12 23 00-0242	LF	W33 x 221 A992/A36 Structural Beam Or Girder	472.37	79.79
		For Hot Dip Galvanizing, Add	107.46	
		For High Strength Low Alloy A572-50 Steel, Add	42.51	
		For High Strength Low Alloy A588 Steel, Add	94.47	
		For Each Additional Top Copes >2, Add	3.87	
		For Structural Tees, WT, MT Or ST, Deduct	-152.56	
		For Skewed Or Sloped Connections, Add	56.68	



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 00-0243	LF		W33 x 201 A992/A36 Structural Beam Or Girder	448.52	90.22
			For Hot Dip Galvanizing, Add	97.74	
			For High Strength Low Alloy A572-50 Steel, Add	40.37	
			For High Strength Low Alloy A588 Steel, Add	89.70	
			For Each Additional Top Copes >2, Add	3.52	
			For Structural Tees, WT, MT Or ST, Deduct	-142.54	
			For Skewed Or Sloped Connections, Add	53.82	
05 12 23 00-0244	LF		W33 x 170 A992/A36 Structural Beam Or Girder	402.69	88.57
			For Hot Dip Galvanizing, Add	85.55	
			For High Strength Low Alloy A572-50 Steel, Add	36.24	
			For High Strength Low Alloy A588 Steel, Add	80.54	
			For Each Additional Top Copes >2, Add	3.08	
			For Structural Tees, WT, MT Or ST, Deduct	-126.78	
			For Skewed Or Sloped Connections, Add	48.92	
05 12 23 00-0245	LF		W33 x 152 A992/A36 Structural Beam Or Girder	365.24	75.24
			For Hot Dip Galvanizing, Add	79.08	
			For High Strength Low Alloy A572-50 Steel, Add	32.87	
			For High Strength Low Alloy A588 Steel, Add	73.05	
			For Each Additional Top Copes >2, Add	2.85	
			For Structural Tees, WT, MT Or ST, Deduct	-115.80	
			For Skewed Or Sloped Connections, Add	43.83	
05 12 23 00-0246	LF		W33 x 141 A992/A36 Structural Beam Or Girder	356.99	86.80
			For Hot Dip Galvanizing, Add	73.36	
			For High Strength Low Alloy A572-50 Steel, Add	32.13	
			For High Strength Low Alloy A588 Steel, Add	71.40	
			For Each Additional Top Copes >2, Add	2.64	
			For Structural Tees, WT, MT Or ST, Deduct	-111.05	
			For Skewed Or Sloped Connections, Add	42.84	
05 12 23 00-0247	LF		W33 x 130 A992/A36 Structural Beam Or Girder	338.97	86.17
			For Hot Dip Galvanizing, Add	68.57	
			For High Strength Low Alloy A572-50 Steel, Add	30.51	
			For High Strength Low Alloy A588 Steel, Add	67.79	
			For Each Additional Top Copes >2, Add	2.47	
			For Structural Tees, WT, MT Or ST, Deduct	-104.86	
			For Skewed Or Sloped Connections, Add	40.68	
05 12 23 00-0248	LF		W33 x 118 A992/A36 Structural Beam Or Girder	318.01	85.41
			For Hot Dip Galvanizing, Add	62.96	
			For High Strength Low Alloy A572-50 Steel, Add	28.62	
			For High Strength Low Alloy A588 Steel, Add	63.60	
			For Each Additional Top Copes >2, Add	2.27	
			For Structural Tees, WT, MT Or ST, Deduct	-97.64	
			For Skewed Or Sloped Connections, Add	38.16	
05 12 23 00-0249	LF		W30 x 211 A992/A36 Structural Beam Or Girder	452.81	79.64
			For Hot Dip Galvanizing, Add	102.08	
			For High Strength Low Alloy A572-50 Steel, Add	40.75	
			For High Strength Low Alloy A588 Steel, Add	90.56	
			For Each Additional Top Copes >2, Add	3.68	
			For Structural Tees, WT, MT Or ST, Deduct	-145.74	
			For Skewed Or Sloped Connections, Add	54.34	
05 12 23 00-0250	LF		W30 x 191 A992/A36 Structural Beam Or Girder	428.66	89.58
			For Hot Dip Galvanizing, Add	92.40	
			For High Strength Low Alloy A572-50 Steel, Add	38.58	
			For High Strength Low Alloy A588 Steel, Add	85.73	
			For Each Additional Top Copes >2, Add	3.33	
			For Structural Tees, WT, MT Or ST, Deduct	-135.68	
			For Skewed Or Sloped Connections, Add	51.44	
05 12 23 00-0251	LF		W30 x 173 A992/A36 Structural Beam Or Girder	391.91	76.00
			For Hot Dip Galvanizing, Add	86.26	
			For High Strength Low Alloy A572-50 Steel, Add	35.27	
			For High Strength Low Alloy A588 Steel, Add	78.38	
			For Each Additional Top Copes >2, Add	3.11	
			For Structural Tees, WT, MT Or ST, Deduct	-125.01	
			For Skewed Or Sloped Connections, Add	47.03	
05 12 23 00-0252	LF		W30 x 154 A992/A36 Structural Beam Or Girder	369.97	87.43
			For Hot Dip Galvanizing, Add	76.79	
			For High Strength Low Alloy A572-50 Steel, Add	33.30	
			For High Strength Low Alloy A588 Steel, Add	73.99	
			For Each Additional Top Copes >2, Add	2.77	
			For Structural Tees, WT, MT Or ST, Deduct	-115.50	
			For Skewed Or Sloped Connections, Add	44.40	
05 12 23 00-0253	LF		W30 x 132 A992/A36 Structural Beam Or Girder	329.05	73.33
			For Hot Dip Galvanizing, Add	69.61	
			For High Strength Low Alloy A572-50 Steel, Add	29.61	
			For High Strength Low Alloy A588 Steel, Add	65.81	
			For Each Additional Top Copes >2, Add	2.51	
			For Structural Tees, WT, MT Or ST, Deduct	-103.43	
			For Skewed Or Sloped Connections, Add	39.49	
05 12 23 00-0254	LF		W30 x 124 A992/A36 Structural Beam Or Girder	313.80	73.28
			For Hot Dip Galvanizing, Add	65.39	
			For High Strength Low Alloy A572-50 Steel, Add	28.24	
			For High Strength Low Alloy A588 Steel, Add	62.76	
			For Each Additional Top Copes >2, Add	2.36	
			For Structural Tees, WT, MT Or ST, Deduct	-98.10	
			For Skewed Or Sloped Connections, Add	37.66	

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 00-0255	LF	W30 x 116 A992/A36 Structural Beam Or Girder	311.41	85.28
		For Hot Dip Galvanizing, Add	61.17	
		For High Strength Low Alloy A572-50 Steel, Add	28.03	
		For High Strength Low Alloy A588 Steel, Add	62.28	
		For Each Additional Top Copes >2, Add	2.20	
		For Structural Tees, WT, MT Or ST, Deduct	-95.35	
		For Skewed Or Sloped Connections, Add	37.37	
05 12 23 00-0256	LF	W30 x 108 A992/A36 Structural Beam Or Girder	288.17	76.79
		For Hot Dip Galvanizing, Add	57.25	
		For High Strength Low Alloy A572-50 Steel, Add	25.94	
		For High Strength Low Alloy A588 Steel, Add	57.63	
		For Each Additional Top Copes >2, Add	2.06	
		For Structural Tees, WT, MT Or ST, Deduct	-88.58	
		For Skewed Or Sloped Connections, Add	34.58	
05 12 23 00-0257	LF	W30 x 99 A992/A36 Structural Beam Or Girder	275.30	76.41
		For Hot Dip Galvanizing, Add	53.82	
		For High Strength Low Alloy A572-50 Steel, Add	24.78	
		For High Strength Low Alloy A588 Steel, Add	55.06	
		For Each Additional Top Copes >2, Add	1.94	
		For Structural Tees, WT, MT Or ST, Deduct	-84.15	
		For Skewed Or Sloped Connections, Add	33.04	
05 12 23 00-0258	LF	W27 x 178 A992/A36 Structural Beam Or Girder	435.44	88.99
		For Hot Dip Galvanizing, Add	94.49	
		For High Strength Low Alloy A572-50 Steel, Add	39.19	
		For High Strength Low Alloy A588 Steel, Add	87.09	
		For Each Additional Top Copes >2, Add	3.41	
		For Structural Tees, WT, MT Or ST, Deduct	-138.17	
		For Skewed Or Sloped Connections, Add	52.25	
05 12 23 00-0259	LF	W27 x 161 A992/A36 Structural Beam Or Girder	399.34	85.63
		For Hot Dip Galvanizing, Add	85.47	
		For High Strength Low Alloy A572-50 Steel, Add	35.94	
		For High Strength Low Alloy A588 Steel, Add	79.87	
		For Each Additional Top Copes >2, Add	3.08	
		For Structural Tees, WT, MT Or ST, Deduct	-126.07	
		For Skewed Or Sloped Connections, Add	47.92	
05 12 23 00-0260	LF	W27 x 146 A992/A36 Structural Beam Or Girder	367.41	82.60
		For Hot Dip Galvanizing, Add	77.51	
		For High Strength Low Alloy A572-50 Steel, Add	33.07	
		For High Strength Low Alloy A588 Steel, Add	73.48	
		For Each Additional Top Copes >2, Add	2.79	
		For Structural Tees, WT, MT Or ST, Deduct	-115.38	
		For Skewed Or Sloped Connections, Add	44.09	
05 12 23 00-0261	LF	W27 x 114 A992/A36 Structural Beam Or Girder	291.28	68.62
		For Hot Dip Galvanizing, Add	60.52	
		For High Strength Low Alloy A572-50 Steel, Add	26.22	
		For High Strength Low Alloy A588 Steel, Add	58.26	
		For Each Additional Top Copes >2, Add	2.18	
		For Structural Tees, WT, MT Or ST, Deduct	-90.97	
		For Skewed Or Sloped Connections, Add	34.95	
05 12 23 00-0262	LF	W27 x 102 A992/A36 Structural Beam Or Girder	276.60	76.41
		For Hot Dip Galvanizing, Add	54.15	
		For High Strength Low Alloy A572-50 Steel, Add	24.89	
		For High Strength Low Alloy A588 Steel, Add	55.32	
		For Each Additional Top Copes >2, Add	1.95	
		For Structural Tees, WT, MT Or ST, Deduct	-84.59	
		For Skewed Or Sloped Connections, Add	33.19	
05 12 23 00-0263	LF	W27 x 94 A992/A36 Structural Beam Or Girder	264.53	75.90
		For Hot Dip Galvanizing, Add	50.94	
		For High Strength Low Alloy A572-50 Steel, Add	23.81	
		For High Strength Low Alloy A588 Steel, Add	52.91	
		For Each Additional Top Copes >2, Add	1.84	
		For Structural Tees, WT, MT Or ST, Deduct	-80.44	
		For Skewed Or Sloped Connections, Add	31.74	
05 12 23 00-0264	LF	W27 x 84 A992/A36 Structural Beam Or Girder	249.78	75.40
		For Hot Dip Galvanizing, Add	47.02	
		For High Strength Low Alloy A572-50 Steel, Add	22.48	
		For High Strength Low Alloy A588 Steel, Add	49.96	
		For Each Additional Top Copes >2, Add	1.69	
		For Structural Tees, WT, MT Or ST, Deduct	-75.37	
		For Skewed Or Sloped Connections, Add	29.97	
05 12 23 00-0265	LF	W24 x 162 A992/A36 Structural Beam Or Girder	384.65	82.10
		For Hot Dip Galvanizing, Add	82.44	
		For High Strength Low Alloy A572-50 Steel, Add	34.62	
		For High Strength Low Alloy A588 Steel, Add	76.93	
		For Each Additional Top Copes >2, Add	2.97	
		For Structural Tees, WT, MT Or ST, Deduct	-121.49	
		For Skewed Or Sloped Connections, Add	46.16	
05 12 23 00-0266	LF	W24 x 146 A992/A36 Structural Beam Or Girder	351.70	78.70
		For Hot Dip Galvanizing, Add	74.30	
		For High Strength Low Alloy A572-50 Steel, Add	31.65	
		For High Strength Low Alloy A588 Steel, Add	70.34	
		For Each Additional Top Copes >2, Add	2.68	
		For Structural Tees, WT, MT Or ST, Deduct	-110.50	
		For Skewed Or Sloped Connections, Add	42.20	



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 00-0267	LF		W24 x 131 A992/A36 Structural Beam Or Girder	320.36	75.13
			For Hot Dip Galvanizing, Add	66.66	
			For High Strength Low Alloy A572-50 Steel, Add	28.63	
			For High Strength Low Alloy A588 Steel, Add	64.07	
			For Each Additional Top Copes >2, Add	2.40	
			For Structural Tees, WT, MT Or ST, Deduct	-100.11	
			For Skewed Or Sloped Connections, Add	38.44	
05 12 23 00-0268	LF		W24 x 117 A992/A36 Structural Beam Or Girder	290.69	71.38
			For Hot Dip Galvanizing, Add	59.54	
			For High Strength Low Alloy A572-50 Steel, Add	26.16	
			For High Strength Low Alloy A588 Steel, Add	58.14	
			For Each Additional Top Copes >2, Add	2.15	
			For Structural Tees, WT, MT Or ST, Deduct	-90.32	
			For Skewed Or Sloped Connections, Add	34.88	
05 12 23 00-0269	LF		W24 x 104 A992/A36 Structural Beam Or Girder	262.71	67.50
			For Hot Dip Galvanizing, Add	52.92	
			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	1.91	
			For Structural Tees, WT, MT Or ST, Deduct	-81.15	
			For Skewed Or Sloped Connections, Add	31.53	
05 12 23 00-0270	LF		W24 x 94 A992/A36 Structural Beam Or Girder	253.35	75.90
			For Hot Dip Galvanizing, Add	47.84	
			For High Strength Low Alloy A572-50 Steel, Add	22.80	
			For High Strength Low Alloy A588 Steel, Add	50.67	
			For Each Additional Top Copes >2, Add	1.72	
			For Structural Tees, WT, MT Or ST, Deduct	-76.53	
			For Skewed Or Sloped Connections, Add	30.40	
05 12 23 00-0271	LF		W24 x 84 A992/A36 Structural Beam Or Girder	231.09	67.28
			For Hot Dip Galvanizing, Add	44.19	
			For High Strength Low Alloy A572-50 Steel, Add	20.80	
			For High Strength Low Alloy A588 Steel, Add	46.22	
			For Each Additional Top Copes >2, Add	1.59	
			For Structural Tees, WT, MT Or ST, Deduct	-70.10	
			For Skewed Or Sloped Connections, Add	27.73	
05 12 23 00-0272	LF		W24 x 76 A992/A36 Structural Beam Or Girder	219.78	66.78
			For Hot Dip Galvanizing, Add	41.19	
			For High Strength Low Alloy A572-50 Steel, Add	19.78	
			For High Strength Low Alloy A588 Steel, Add	43.96	
			For Each Additional Top Copes >2, Add	1.48	
			For Structural Tees, WT, MT Or ST, Deduct	-66.22	
			For Skewed Or Sloped Connections, Add	26.37	
05 12 23 00-0273	LF		W24 x 68 A992/A36 Structural Beam Or Girder	205.57	66.40
			For Hot Dip Galvanizing, Add	37.39	
			For High Strength Low Alloy A572-50 Steel, Add	18.50	
			For High Strength Low Alloy A588 Steel, Add	41.11	
			For Each Additional Top Copes >2, Add	1.35	
			For Structural Tees, WT, MT Or ST, Deduct	-61.32	
			For Skewed Or Sloped Connections, Add	24.67	
05 12 23 00-0274	LF		W24 x 62 A992/A36 Structural Beam Or Girder	198.13	66.02
			For Hot Dip Galvanizing, Add	35.43	
			For High Strength Low Alloy A572-50 Steel, Add	17.83	
			For High Strength Low Alloy A588 Steel, Add	39.63	
			For Each Additional Top Copes >2, Add	1.28	
			For Structural Tees, WT, MT Or ST, Deduct	-58.78	
			For Skewed Or Sloped Connections, Add	23.78	
05 12 23 00-0275	LF		W24 x 55 A992/A36 Structural Beam Or Girder	187.93	65.76
			For Hot Dip Galvanizing, Add	32.71	
			For High Strength Low Alloy A572-50 Steel, Add	16.91	
			For High Strength Low Alloy A588 Steel, Add	37.59	
			For Each Additional Top Copes >2, Add	1.18	
			For Structural Tees, WT, MT Or ST, Deduct	-55.27	
			For Skewed Or Sloped Connections, Add	22.55	
05 12 23 00-0276	LF		W21 x 147 A992/A36 Structural Beam Or Girder	336.73	67.51
			For Hot Dip Galvanizing, Add	73.46	
			For High Strength Low Alloy A572-50 Steel, Add	30.31	
			For High Strength Low Alloy A588 Steel, Add	67.35	
			For Each Additional Top Copes >2, Add	2.65	
			For Structural Tees, WT, MT Or ST, Deduct	-107.05	
			For Skewed Or Sloped Connections, Add	40.41	
05 12 23 00-0277	LF		W21 x 132 A992/A36 Structural Beam Or Girder	306.51	64.50
			For Hot Dip Galvanizing, Add	65.96	
			For High Strength Low Alloy A572-50 Steel, Add	27.59	
			For High Strength Low Alloy A588 Steel, Add	61.30	
			For Each Additional Top Copes >2, Add	2.38	
			For Structural Tees, WT, MT Or ST, Deduct	-96.96	
			For Skewed Or Sloped Connections, Add	36.78	
05 12 23 00-0278	LF		W21 x 122 A992/A36 Structural Beam Or Girder	287.34	63.42
			For Hot Dip Galvanizing, Add	60.97	
			For High Strength Low Alloy A572-50 Steel, Add	25.86	
			For High Strength Low Alloy A588 Steel, Add	57.47	
			For Each Additional Top Copes >2, Add	2.20	
			For Structural Tees, WT, MT Or ST, Deduct	-90.42	
			For Skewed Or Sloped Connections, Add	34.48	

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 00-0279	LF	W21 x 111 A992/A36 Structural Beam Or Girder	265.37	61.38
		For Hot Dip Galvanizing, Add	55.47	
		For High Strength Low Alloy A572-50 Steel, Add	23.88	
		For High Strength Low Alloy A588 Steel, Add	53.07	
		For Each Additional Top Copes >2, Add	2.00	
		For Structural Tees, WT, MT Or ST, Deduct	-83.06	
		For Skewed Or Sloped Connections, Add	31.84	
05 12 23 00-0280	LF	W21 x 101 A992/A36 Structural Beam Or Girder	245.25	59.42
		For Hot Dip Galvanizing, Add	50.47	
		For High Strength Low Alloy A572-50 Steel, Add	22.07	
		For High Strength Low Alloy A588 Steel, Add	49.05	
		For Each Additional Top Copes >2, Add	1.82	
		For Structural Tees, WT, MT Or ST, Deduct	-76.33	
		For Skewed Or Sloped Connections, Add	29.43	
05 12 23 00-0281	LF	W21 x 93 A992/A36 Structural Beam Or Girder	240.09	68.05
		For Hot Dip Galvanizing, Add	46.48	
		For High Strength Low Alloy A572-50 Steel, Add	21.61	
		For High Strength Low Alloy A588 Steel, Add	48.02	
		For Each Additional Top Copes >2, Add	1.67	
		For Structural Tees, WT, MT Or ST, Deduct	-73.14	
		For Skewed Or Sloped Connections, Add	28.81	
05 12 23 00-0282	LF	W21 x 83 A992/A36 Structural Beam Or Girder	226.78	67.28
		For Hot Dip Galvanizing, Add	42.99	
		For High Strength Low Alloy A572-50 Steel, Add	20.41	
		For High Strength Low Alloy A588 Steel, Add	45.36	
		For Each Additional Top Copes >2, Add	1.55	
		For Structural Tees, WT, MT Or ST, Deduct	-68.60	
		For Skewed Or Sloped Connections, Add	27.21	
05 12 23 00-0283	LF	W21 x 73 A992/A36 Structural Beam Or Girder	210.45	66.78
		For Hot Dip Galvanizing, Add	38.64	
		For High Strength Low Alloy A572-50 Steel, Add	18.94	
		For High Strength Low Alloy A588 Steel, Add	42.09	
		For Each Additional Top Copes >2, Add	1.39	
		For Structural Tees, WT, MT Or ST, Deduct	-62.98	
		For Skewed Or Sloped Connections, Add	25.25	
05 12 23 00-0284	LF	W21 x 68 A992/A36 Structural Beam Or Girder	202.23	66.40
		For Hot Dip Galvanizing, Add	36.46	
		For High Strength Low Alloy A572-50 Steel, Add	18.20	
		For High Strength Low Alloy A588 Steel, Add	40.45	
		For Each Additional Top Copes >2, Add	1.31	
		For Structural Tees, WT, MT Or ST, Deduct	-60.15	
		For Skewed Or Sloped Connections, Add	24.27	
05 12 23 00-0285	LF	W21 x 62 A992/A36 Structural Beam Or Girder	194.79	66.02
		For Hot Dip Galvanizing, Add	34.50	
		For High Strength Low Alloy A572-50 Steel, Add	17.53	
		For High Strength Low Alloy A588 Steel, Add	38.96	
		For Each Additional Top Copes >2, Add	1.24	
		For Structural Tees, WT, MT Or ST, Deduct	-57.61	
		For Skewed Or Sloped Connections, Add	23.37	
05 12 23 00-0286	LF	W21 x 57 A992/A36 Structural Beam Or Girder	188.06	65.90
		For Hot Dip Galvanizing, Add	32.71	
		For High Strength Low Alloy A572-50 Steel, Add	16.93	
		For High Strength Low Alloy A588 Steel, Add	37.61	
		For Each Additional Top Copes >2, Add	1.18	
		For Structural Tees, WT, MT Or ST, Deduct	-55.29	
		For Skewed Or Sloped Connections, Add	22.57	
05 12 23 00-0287	LF	W21 x 50 A992/A36 Structural Beam Or Girder	166.77	57.15
		For Hot Dip Galvanizing, Add	29.33	
		For High Strength Low Alloy A572-50 Steel, Add	15.01	
		For High Strength Low Alloy A588 Steel, Add	33.35	
		For Each Additional Top Copes >2, Add	1.06	
		For Structural Tees, WT, MT Or ST, Deduct	-49.21	
		For Skewed Or Sloped Connections, Add	20.01	
05 12 23 00-0288	LF	W21 x 44 A992/A36 Structural Beam Or Girder	158.95	56.90
		For Hot Dip Galvanizing, Add	27.26	
		For High Strength Low Alloy A572-50 Steel, Add	14.31	
		For High Strength Low Alloy A588 Steel, Add	31.79	
		For Each Additional Top Copes >2, Add	0.98	
		For Structural Tees, WT, MT Or ST, Deduct	-46.53	
		For Skewed Or Sloped Connections, Add	19.07	
05 12 23 00-0289	LF	W18 x 119 A992/A36 Structural Beam Or Girder	279.37	63.20
		For Hot Dip Galvanizing, Add	58.82	
		For High Strength Low Alloy A572-50 Steel, Add	25.14	
		For High Strength Low Alloy A588 Steel, Add	55.87	
		For Each Additional Top Copes >2, Add	2.12	
		For Structural Tees, WT, MT Or ST, Deduct	-87.67	
		For Skewed Or Sloped Connections, Add	33.52	
05 12 23 00-0290	LF	W18 x 106 A992/A36 Structural Beam Or Girder	252.68	59.89
		For Hot Dip Galvanizing, Add	52.39	
		For High Strength Low Alloy A572-50 Steel, Add	22.74	
		For High Strength Low Alloy A588 Steel, Add	50.54	
		For Each Additional Top Copes >2, Add	1.89	
		For Structural Tees, WT, MT Or ST, Deduct	-78.86	
		For Skewed Or Sloped Connections, Add	30.32	



		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 00-0291	LF	W18 x 97 A992/A36 Structural Beam Or Girder	245.51	68.05
		For Hot Dip Galvanizing, Add	47.94	
		For High Strength Low Alloy A572-50 Steel, Add	22.10	
		For High Strength Low Alloy A588 Steel, Add	49.10	
		For Each Additional Top Copes >2, Add	1.73	
		For Structural Tees, WT, MT Or ST, Deduct	-75.02	
		For Skewed Or Sloped Connections, Add	29.46	
05 12 23 00-0292	LF	W18 x 86 A992/A36 Structural Beam Or Girder	230.23	67.41
		For Hot Dip Galvanizing, Add	43.92	
		For High Strength Low Alloy A572-50 Steel, Add	20.72	
		For High Strength Low Alloy A588 Steel, Add	46.05	
		For Each Additional Top Copes >2, Add	1.58	
		For Structural Tees, WT, MT Or ST, Deduct	69.79	
		For Skewed Or Sloped Connections, Add	27.63	
05 12 23 00-0293	LF	W18 x 76 A992/A36 Structural Beam Or Girder	216.45	66.78
		For Hot Dip Galvanizing, Add	40.27	
		For High Strength Low Alloy A572-50 Steel, Add	19.48	
		For High Strength Low Alloy A588 Steel, Add	43.29	
		For Each Additional Top Copes >2, Add	1.45	
		For Structural Tees, WT, MT Or ST, Deduct	-65.06	
		For Skewed Or Sloped Connections, Add	25.97	
05 12 23 00-0294	LF	W18 x 71 A992/A36 Structural Beam Or Girder	206.41	66.65
		For Hot Dip Galvanizing, Add	37.55	
		For High Strength Low Alloy A572-50 Steel, Add	18.58	
		For High Strength Low Alloy A588 Steel, Add	41.28	
		For Each Additional Top Copes >2, Add	1.35	
		For Structural Tees, WT, MT Or ST, Deduct	-61.58	
		For Skewed Or Sloped Connections, Add	24.77	
05 12 23 00-0295	LF	W18 x 65 A992/A36 Structural Beam Or Girder	196.61	66.40
		For Hot Dip Galvanizing, Add	34.94	
		For High Strength Low Alloy A572-50 Steel, Add	17.69	
		For High Strength Low Alloy A588 Steel, Add	39.32	
		For Each Additional Top Copes >2, Add	1.26	
		For Structural Tees, WT, MT Or ST, Deduct	-58.21	
		For Skewed Or Sloped Connections, Add	23.59	
05 12 23 00-0296	LF	W18 x 60 A992/A36 Structural Beam Or Girder	187.79	65.90
		For Hot Dip Galvanizing, Add	32.60	
		For High Strength Low Alloy A572-50 Steel, Add	16.90	
		For High Strength Low Alloy A588 Steel, Add	37.56	
		For Each Additional Top Copes >2, Add	1.17	
		For Structural Tees, WT, MT Or ST, Deduct	-55.18	
		For Skewed Or Sloped Connections, Add	22.53	
05 12 23 00-0297	LF	W18 x 55 A992/A36 Structural Beam Or Girder	178.91	65.76
		For Hot Dip Galvanizing, Add	30.20	
		For High Strength Low Alloy A572-50 Steel, Add	16.10	
		For High Strength Low Alloy A588 Steel, Add	35.78	
		For Each Additional Top Copes >2, Add	1.09	
		For Structural Tees, WT, MT Or ST, Deduct	-52.11	
		For Skewed Or Sloped Connections, Add	21.47	
05 12 23 00-0298	LF	W18 x 50 A992/A36 Structural Beam Or Girder	161.28	57.15
		For Hot Dip Galvanizing, Add	27.81	
		For High Strength Low Alloy A572-50 Steel, Add	14.52	
		For High Strength Low Alloy A588 Steel, Add	32.26	
		For Each Additional Top Copes >2, Add	1.00	
		For Structural Tees, WT, MT Or ST, Deduct	-47.29	
		For Skewed Or Sloped Connections, Add	19.35	
05 12 23 00-0299	LF	W18 x 46 A992/A36 Structural Beam Or Girder	154.36	57.02
		For Hot Dip Galvanizing, Add	25.96	
		For High Strength Low Alloy A572-50 Steel, Add	13.89	
		For High Strength Low Alloy A588 Steel, Add	30.87	
		For Each Additional Top Copes >2, Add	0.94	
		For Structural Tees, WT, MT Or ST, Deduct	-44.90	
		For Skewed Or Sloped Connections, Add	18.52	
05 12 23 00-0300	LF	W18 x 40 A992/A36 Structural Beam Or Girder	135.10	48.66
		For Hot Dip Galvanizing, Add	23.07	
		For High Strength Low Alloy A572-50 Steel, Add	12.16	
		For High Strength Low Alloy A588 Steel, Add	27.02	
		For Each Additional Top Copes >2, Add	0.83	
		For Structural Tees, WT, MT Or ST, Deduct	-39.49	
		For Skewed Or Sloped Connections, Add	16.21	
05 12 23 00-0301	LF	W18 x 35 A992/A36 Structural Beam Or Girder	126.42	48.53
		For Hot Dip Galvanizing, Add	20.73	
		For High Strength Low Alloy A572-50 Steel, Add	11.38	
		For High Strength Low Alloy A588 Steel, Add	25.28	
		For Each Additional Top Copes >2, Add	0.75	
		For Structural Tees, WT, MT Or ST, Deduct	-36.49	
		For Skewed Or Sloped Connections, Add	15.17	
05 12 23 00-0302	LF	W16 x 100 A992/A36 Structural Beam Or Girder	232.85	44.22
		For Hot Dip Galvanizing, Add	51.54	
		For High Strength Low Alloy A572-50 Steel, Add	20.96	
		For High Strength Low Alloy A588 Steel, Add	46.57	
		For Each Additional Top Copes >2, Add	1.86	
		For Structural Tees, WT, MT Or ST, Deduct	-74.43	
		For Skewed Or Sloped Connections, Add	27.94	

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 00-0303	LF		W16 x 89 A992/A36 Structural Beam Or Girder	213.26	43.46
			For Hot Dip Galvanizing, Add	46.31	
			For High Strength Low Alloy A572-50 Steel, Add	19.19	
			For High Strength Low Alloy A588 Steel, Add	42.65	
			For Each Additional Top Copes >2, Add	1.67	
			For Structural Tees, WT, MT Or ST, Deduct	-67.69	
			For Skewed Or Sloped Connections, Add	25.59	
05 12 23 00-0304	LF		W16 x 77 A992/A36 Structural Beam Or Girder	192.24	42.96
			For Hot Dip Galvanizing, Add	40.65	
			For High Strength Low Alloy A572-50 Steel, Add	17.30	
			For High Strength Low Alloy A588 Steel, Add	38.45	
			For Each Additional Top Copes >2, Add	1.46	
			For Structural Tees, WT, MT Or ST, Deduct	-60.42	
			For Skewed Or Sloped Connections, Add	23.07	
05 12 23 00-0305	LF		W16 x 67 A992/A36 Structural Beam Or Girder	174.35	42.32
			For Hot Dip Galvanizing, Add	35.86	
			For High Strength Low Alloy A572-50 Steel, Add	15.69	
			For High Strength Low Alloy A588 Steel, Add	34.87	
			For Each Additional Top Copes >2, Add	1.29	
			For Structural Tees, WT, MT Or ST, Deduct	-54.26	
			For Skewed Or Sloped Connections, Add	20.92	
05 12 23 00-0306	LF		W16 x 57 A992/A36 Structural Beam Or Girder	156.64	41.69
			For Hot Dip Galvanizing, Add	31.13	
			For High Strength Low Alloy A572-50 Steel, Add	14.10	
			For High Strength Low Alloy A588 Steel, Add	31.33	
			For Each Additional Top Copes >2, Add	1.12	
			For Structural Tees, WT, MT Or ST, Deduct	-48.15	
			For Skewed Or Sloped Connections, Add	18.80	
05 12 23 00-0307	LF		W16 x 50 A992/A36 Structural Beam Or Girder	144.31	41.31
			For Hot Dip Galvanizing, Add	27.81	
			For High Strength Low Alloy A572-50 Steel, Add	12.99	
			For High Strength Low Alloy A588 Steel, Add	28.86	
			For Each Additional Top Copes >2, Add	1.00	
			For Structural Tees, WT, MT Or ST, Deduct	-43.89	
			For Skewed Or Sloped Connections, Add	17.32	
05 12 23 00-0308	LF		W16 x 45 A992/A36 Structural Beam Or Girder	135.63	41.06
			For Hot Dip Galvanizing, Add	25.47	
			For High Strength Low Alloy A572-50 Steel, Add	12.21	
			For High Strength Low Alloy A588 Steel, Add	27.13	
			For Each Additional Top Copes >2, Add	0.92	
			For Structural Tees, WT, MT Or ST, Deduct	-40.89	
			For Skewed Or Sloped Connections, Add	16.28	
05 12 23 00-0309	LF		W16 x 40 A992/A36 Structural Beam Or Girder	126.61	40.67
			For Hot Dip Galvanizing, Add	23.07	
			For High Strength Low Alloy A572-50 Steel, Add	11.39	
			For High Strength Low Alloy A588 Steel, Add	25.32	
			For Each Additional Top Copes >2, Add	0.83	
			For Structural Tees, WT, MT Or ST, Deduct	-37.79	
			For Skewed Or Sloped Connections, Add	15.19	
05 12 23 00-0310	LF		W16 x 36 A992/A36 Structural Beam Or Girder	119.56	40.42
			For Hot Dip Galvanizing, Add	21.22	
			For High Strength Low Alloy A572-50 Steel, Add	10.76	
			For High Strength Low Alloy A588 Steel, Add	23.91	
			For Each Additional Top Copes >2, Add	0.76	
			For Structural Tees, WT, MT Or ST, Deduct	-35.38	
			For Skewed Or Sloped Connections, Add	14.35	
05 12 23 00-0311	LF		W16 x 31 A992/A36 Structural Beam Or Girder	102.19	32.19
			For Hot Dip Galvanizing, Add	18.83	
			For High Strength Low Alloy A572-50 Steel, Add	9.20	
			For High Strength Low Alloy A588 Steel, Add	20.44	
			For Each Additional Top Copes >2, Add	0.68	
			For Structural Tees, WT, MT Or ST, Deduct	-30.62	
			For Skewed Or Sloped Connections, Add	12.26	
05 12 23 00-0312	LF		W16 x 26 A992/A36 Structural Beam Or Girder	90.85	31.81
			For Hot Dip Galvanizing, Add	15.79	
			For High Strength Low Alloy A572-50 Steel, Add	8.18	
			For High Strength Low Alloy A588 Steel, Add	18.17	
			For Each Additional Top Copes >2, Add	0.57	
			For Structural Tees, WT, MT Or ST, Deduct	-26.70	
			For Skewed Or Sloped Connections, Add	10.90	
05 12 23 00-0313	LF		W14 x 99 A992/A36 Structural Beam Or Girder	222.60	36.24
			For Hot Dip Galvanizing, Add	51.05	
			For High Strength Low Alloy A572-50 Steel, Add	20.03	
			For High Strength Low Alloy A588 Steel, Add	44.52	
			For Each Additional Top Copes >2, Add	1.84	
			For Structural Tees, WT, MT Or ST, Deduct	-72.11	
			For Skewed Or Sloped Connections, Add	26.71	
05 12 23 00-0314	LF		W14 x 90 A992/A36 Structural Beam Or Girder	206.66	35.61
			For Hot Dip Galvanizing, Add	46.80	
			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	1.69	
			For Structural Tees, WT, MT Or ST, Deduct	-66.63	
			For Skewed Or Sloped Connections, Add	24.80	



			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 00-0315	LF		W14 x 82 A992/A36 Structural Beam Or Girder	192.44	35.22
			For Hot Dip Galvanizing, Add	42.99	
			For High Strength Low Alloy A572-50 Steel, Add	17.32	
			For High Strength Low Alloy A588 Steel, Add	38.49	
			For Each Additional Top Copes >2, Add	1.55	
			For Structural Tees, WT, MT Or ST, Deduct	-61.73	
			For Skewed Or Sloped Connections, Add	23.09	
05 12 23 00-0316	LF		W14 x 74 A992/A36 Structural Beam Or Girder	178.21	34.72
			For Hot Dip Galvanizing, Add	39.18	
			For High Strength Low Alloy A572-50 Steel, Add	16.04	
			For High Strength Low Alloy A588 Steel, Add	35.64	
			For Each Additional Top Copes >2, Add	1.41	
			For Structural Tees, WT, MT Or ST, Deduct	-56.82	
			For Skewed Or Sloped Connections, Add	21.39	
05 12 23 00-0317	LF		W14 x 68 A992/A36 Structural Beam Or Girder	167.62	34.34
			For Hot Dip Galvanizing, Add	36.35	
			For High Strength Low Alloy A572-50 Steel, Add	15.09	
			For High Strength Low Alloy A588 Steel, Add	23.52	
			For Each Additional Top Copes >2, Add	1.31	
			For Structural Tees, WT, MT Or ST, Deduct	-53.17	
			For Skewed Or Sloped Connections, Add	20.11	
05 12 23 00-0318	LF		W14 x 61 A992/A36 Structural Beam Or Girder	155.28	33.96
			For Hot Dip Galvanizing, Add	33.03	
			For High Strength Low Alloy A572-50 Steel, Add	13.98	
			For High Strength Low Alloy A588 Steel, Add	31.06	
			For Each Additional Top Copes >2, Add	1.19	
			For Structural Tees, WT, MT Or ST, Deduct	-48.91	
			For Skewed Or Sloped Connections, Add	18.63	
05 12 23 00-0319	LF		W14 x 53 A992/A36 Structural Beam Or Girder	141.25	33.45
			For Hot Dip Galvanizing, Add	29.28	
			For High Strength Low Alloy A572-50 Steel, Add	12.71	
			For High Strength Low Alloy A588 Steel, Add	28.25	
			For Each Additional Top Copes >2, Add	1.06	
			For Structural Tees, WT, MT Or ST, Deduct	-44.08	
			For Skewed Or Sloped Connections, Add	16.95	
05 12 23 00-0320	LF		W14 x 48 A992/A36 Structural Beam Or Girder	132.23	33.07
			For Hot Dip Galvanizing, Add	26.88	
			For High Strength Low Alloy A572-50 Steel, Add	11.90	
			For High Strength Low Alloy A588 Steel, Add	26.45	
			For Each Additional Top Copes >2, Add	0.97	
			For Structural Tees, WT, MT Or ST, Deduct	-40.98	
			For Skewed Or Sloped Connections, Add	15.87	
05 12 23 00-0321	LF		W14 x 43 A992/A36 Structural Beam Or Girder	123.35	32.95
			For Hot Dip Galvanizing, Add	24.49	
			For High Strength Low Alloy A572-50 Steel, Add	11.10	
			For High Strength Low Alloy A588 Steel, Add	24.67	
			For Each Additional Top Copes >2, Add	0.88	
			For Structural Tees, WT, MT Or ST, Deduct	-37.91	
			For Skewed Or Sloped Connections, Add	14.80	
05 12 23 00-0322	LF		W14 x 38 A992/A36 Structural Beam Or Girder	114.54	32.70
			For Hot Dip Galvanizing, Add	22.15	
			For High Strength Low Alloy A572-50 Steel, Add	10.31	
			For High Strength Low Alloy A588 Steel, Add	22.91	
			For Each Additional Top Copes >2, Add	0.80	
			For Structural Tees, WT, MT Or ST, Deduct	-34.88	
			For Skewed Or Sloped Connections, Add	13.74	
05 12 23 00-0323	LF		W14 x 34 A992/A36 Structural Beam Or Girder	107.41	32.31
			For Hot Dip Galvanizing, Add	20.24	
			For High Strength Low Alloy A572-50 Steel, Add	9.67	
			For High Strength Low Alloy A588 Steel, Add	21.48	
			For Each Additional Top Copes >2, Add	0.73	
			For Structural Tees, WT, MT Or ST, Deduct	-32.42	
			For Skewed Or Sloped Connections, Add	12.89	
05 12 23 00-0324	LF		W14 x 30 A992/A36 Structural Beam Or Girder	100.30	32.19
			For Hot Dip Galvanizing, Add	18.34	
			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	0.66	
			For Structural Tees, WT, MT Or ST, Deduct	-29.97	
			For Skewed Or Sloped Connections, Add	12.04	
05 12 23 00-0325	LF		W14 x 26 A992/A36 Structural Beam Or Girder	93.18	31.81
			For Hot Dip Galvanizing, Add	16.43	
			For High Strength Low Alloy A572-50 Steel, Add	8.39	
			For High Strength Low Alloy A588 Steel, Add	18.64	
			For Each Additional Top Copes >2, Add	0.59	
			For Structural Tees, WT, MT Or ST, Deduct	-27.52	
			For Skewed Or Sloped Connections, Add	11.18	
05 12 23 00-0326	LF		W14 x 22 A992/A36 Structural Beam Or Girder	86.27	31.67
			For Hot Dip Galvanizing, Add	14.59	
			For High Strength Low Alloy A572-50 Steel, Add	7.76	
			For High Strength Low Alloy A588 Steel, Add	17.25	
			For Each Additional Top Copes >2, Add	0.53	
			For Structural Tees, WT, MT Or ST, Deduct	-25.14	
			For Skewed Or Sloped Connections, Add	10.35	

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 00-0327	LF	W12 x 87 A992/A36 Structural Beam Or Girder	201.45	35.48
		For Hot Dip Galvanizing, Add	45.39	
		For High Strength Low Alloy A572-50 Steel, Add	18.13	
		For High Strength Low Alloy A588 Steel, Add	40.29	
		For Each Additional Top Copes >2, Add	1.64	
		For Structural Tees, WT, MT Or ST, Deduct	-64.82	
		For Skewed Or Sloped Connections, Add	24.17	
05 12 23 00-0328	LF	W12 x 79 A992/A36 Structural Beam Or Girder	187.21	34.97
		For Hot Dip Galvanizing, Add	41.58	
		For High Strength Low Alloy A572-50 Steel, Add	16.85	
		For High Strength Low Alloy A588 Steel, Add	37.44	
		For Each Additional Top Copes >2, Add	1.50	
		For Structural Tees, WT, MT Or ST, Deduct	-59.92	
		For Skewed Or Sloped Connections, Add	22.47	
05 12 23 00-0329	LF	W12 x 72 A992/A36 Structural Beam Or Girder	174.73	34.60
		For Hot Dip Galvanizing, Add	38.26	
		For High Strength Low Alloy A572-50 Steel, Add	15.73	
		For High Strength Low Alloy A588 Steel, Add	34.95	
		For Each Additional Top Copes >2, Add	1.38	
		For Structural Tees, WT, MT Or ST, Deduct	-55.63	
		For Skewed Or Sloped Connections, Add	20.97	
05 12 23 00-0330	LF	W12 x 65 A992/A36 Structural Beam Or Girder	162.40	34.21
		For Hot Dip Galvanizing, Add	34.94	
		For High Strength Low Alloy A572-50 Steel, Add	14.62	
		For High Strength Low Alloy A588 Steel, Add	32.48	
		For Each Additional Top Copes >2, Add	1.26	
		For Structural Tees, WT, MT Or ST, Deduct	-51.37	
		For Skewed Or Sloped Connections, Add	19.49	
05 12 23 00-0331	LF	W12 x 58 A992/A36 Structural Beam Or Girder	149.93	33.71
		For Hot Dip Galvanizing, Add	31.62	
		For High Strength Low Alloy A572-50 Steel, Add	13.49	
		For High Strength Low Alloy A588 Steel, Add	29.99	
		For Each Additional Top Copes >2, Add	1.14	
		For Structural Tees, WT, MT Or ST, Deduct	-47.08	
		For Skewed Or Sloped Connections, Add	17.99	
05 12 23 00-0332	LF	W12 x 53 A992/A36 Structural Beam Or Girder	141.25	33.45
		For Hot Dip Galvanizing, Add	29.28	
		For High Strength Low Alloy A572-50 Steel, Add	12.71	
		For High Strength Low Alloy A588 Steel, Add	28.25	
		For Each Additional Top Copes >2, Add	1.06	
		For Structural Tees, WT, MT Or ST, Deduct	-44.08	
		For Skewed Or Sloped Connections, Add	16.95	
05 12 23 00-0333	LF	W12 x 50 A992/A36 Structural Beam Or Girder	135.69	33.32
		For Hot Dip Galvanizing, Add	27.81	
		For High Strength Low Alloy A572-50 Steel, Add	12.21	
		For High Strength Low Alloy A588 Steel, Add	27.14	
		For Each Additional Top Copes >2, Add	1.00	
		For Structural Tees, WT, MT Or ST, Deduct	-42.17	
		For Skewed Or Sloped Connections, Add	16.28	
05 12 23 00-0334	LF	W12 x 45 A992/A36 Structural Beam Or Girder	127.00	33.07
		For Hot Dip Galvanizing, Add	25.47	
		For High Strength Low Alloy A572-50 Steel, Add	11.43	
		For High Strength Low Alloy A588 Steel, Add	25.40	
		For Each Additional Top Copes >2, Add	0.92	
		For Structural Tees, WT, MT Or ST, Deduct	-39.17	
		For Skewed Or Sloped Connections, Add	15.24	
05 12 23 00-0335	LF	W12 x 40 A992/A36 Structural Beam Or Girder	109.37	24.59
		For Hot Dip Galvanizing, Add	23.07	
		For High Strength Low Alloy A572-50 Steel, Add	9.84	
		For High Strength Low Alloy A588 Steel, Add	21.87	
		For Each Additional Top Copes >2, Add	0.83	
		For Structural Tees, WT, MT Or ST, Deduct	-34.35	
		For Skewed Or Sloped Connections, Add	13.12	
05 12 23 00-0336	LF	W12 x 35 A992/A36 Structural Beam Or Girder	100.69	24.46
		For Hot Dip Galvanizing, Add	20.73	
		For High Strength Low Alloy A572-50 Steel, Add	9.06	
		For High Strength Low Alloy A588 Steel, Add	20.14	
		For Each Additional Top Copes >2, Add	0.75	
		For Structural Tees, WT, MT Or ST, Deduct	-31.35	
		For Skewed Or Sloped Connections, Add	12.08	
05 12 23 00-0337	LF	W12 x 30 A992/A36 Structural Beam Or Girder	91.69	24.07
		For Hot Dip Galvanizing, Add	18.34	
		For High Strength Low Alloy A572-50 Steel, Add	8.25	
		For High Strength Low Alloy A588 Steel, Add	18.34	
		For Each Additional Top Copes >2, Add	0.66	
		For Structural Tees, WT, MT Or ST, Deduct	-28.25	
		For Skewed Or Sloped Connections, Add	11.00	
05 12 23 00-0338	LF	W12 x 26 A992/A36 Structural Beam Or Girder	84.57	23.82
		For Hot Dip Galvanizing, Add	16.43	
		For High Strength Low Alloy A572-50 Steel, Add	7.61	
		For High Strength Low Alloy A588 Steel, Add	16.91	
		For Each Additional Top Copes >2, Add	0.59	
		For Structural Tees, WT, MT Or ST, Deduct	-25.80	
		For Skewed Or Sloped Connections, Add	10.15	



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 00-0339	LF		W12 x 22 A992/A36 Structural Beam Or Girder	77.65	23.57
			For Hot Dip Galvanizing, Add	14.59	
			For High Strength Low Alloy A572-50 Steel, Add	6.99	
			For High Strength Low Alloy A588 Steel, Add	15.53	
			For Each Additional Top Copes >2, Add	0.53	
			For Structural Tees, WT, MT Or ST, Deduct	-23.41	
			For Skewed Or Sloped Connections, Add	9.32	
05 12 23 00-0340	LF		W12 x 19 A992/A36 Structural Beam Or Girder	72.22	23.44
			For Hot Dip Galvanizing, Add	13.11	
			For High Strength Low Alloy A572-50 Steel, Add	6.50	
			For High Strength Low Alloy A588 Steel, Add	14.44	
			For Each Additional Top Copes >2, Add	0.47	
			For Structural Tees, WT, MT Or ST, Deduct	-21.53	
			For Skewed Or Sloped Connections, Add	8.67	
05 12 23 00-0341	LF		W12 x 16 A992/A36 Structural Beam Or Girder	66.87	23.06
			For Hot Dip Galvanizing, Add	11.70	
			For High Strength Low Alloy A572-50 Steel, Add	6.02	
			For High Strength Low Alloy A588 Steel, Add	13.37	
			For Each Additional Top Copes >2, Add	0.42	
			For Structural Tees, WT, MT Or ST, Deduct	-19.70	
			For Skewed Or Sloped Connections, Add	8.02	
05 12 23 00-0342	LF		W12 x 14 A992/A36 Structural Beam Or Girder	63.42	23.06
			For Hot Dip Galvanizing, Add	10.78	
			For High Strength Low Alloy A572-50 Steel, Add	5.71	
			For High Strength Low Alloy A588 Steel, Add	12.68	
			For Each Additional Top Copes >2, Add	0.39	
			For Structural Tees, WT, MT Or ST, Deduct	-18.51	
			For Skewed Or Sloped Connections, Add	7.61	
05 12 23 00-0343	LF		W10 x 68 A992/A36 Structural Beam Or Girder	159.53	26.49
			For Hot Dip Galvanizing, Add	36.46	
			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	1.31	
			For Structural Tees, WT, MT Or ST, Deduct	-51.61	
			For Skewed Or Sloped Connections, Add	19.14	
05 12 23 00-0344	LF		W10 x 60 A992/A36 Structural Beam Or Girder	145.48	25.97
			For Hot Dip Galvanizing, Add	32.71	
			For High Strength Low Alloy A572-50 Steel, Add	13.09	
			For High Strength Low Alloy A588 Steel, Add	29.10	
			For Each Additional Top Copes >2, Add	1.18	
			For Structural Tees, WT, MT Or ST, Deduct	-46.78	
			For Skewed Or Sloped Connections, Add	17.46	
05 12 23 00-0345	LF		W10 x 54 A992/A36 Structural Beam Or Girder	134.72	25.47
			For Hot Dip Galvanizing, Add	29.82	
			For High Strength Low Alloy A572-50 Steel, Add	12.12	
			For High Strength Low Alloy A588 Steel, Add	26.94	
			For Each Additional Top Copes >2, Add	1.07	
			For Structural Tees, WT, MT Or ST, Deduct	-43.06	
			For Skewed Or Sloped Connections, Add	16.17	
05 12 23 00-0346	LF		W10 x 49 A992/A36 Structural Beam Or Girder	125.90	25.21
			For Hot Dip Galvanizing, Add	27.48	
			For High Strength Low Alloy A572-50 Steel, Add	11.33	
			For High Strength Low Alloy A588 Steel, Add	25.18	
			For Each Additional Top Copes >2, Add	0.99	
			For Structural Tees, WT, MT Or ST, Deduct	-40.04	
			For Skewed Or Sloped Connections, Add	15.11	
05 12 23 00-0347	LF		W10 x 45 A992/A36 Structural Beam Or Girder	118.78	25.09
			For Hot Dip Galvanizing, Add	25.58	
			For High Strength Low Alloy A572-50 Steel, Add	10.69	
			For High Strength Low Alloy A588 Steel, Add	23.76	
			For Each Additional Top Copes >2, Add	0.92	
			For Structural Tees, WT, MT Or ST, Deduct	-37.58	
			For Skewed Or Sloped Connections, Add	14.25	
05 12 23 00-0348	LF		W10 x 39 A992/A36 Structural Beam Or Girder	108.20	24.59
			For Hot Dip Galvanizing, Add	22.75	
			For High Strength Low Alloy A572-50 Steel, Add	9.74	
			For High Strength Low Alloy A588 Steel, Add	21.64	
			For Each Additional Top Copes >2, Add	0.82	
			For Structural Tees, WT, MT Or ST, Deduct	-33.94	
			For Skewed Or Sloped Connections, Add	12.98	
05 12 23 00-0349	LF		W10 x 33 A992/A36 Structural Beam Or Girder	97.63	24.20
			For Hot Dip Galvanizing, Add	19.92	
			For High Strength Low Alloy A572-50 Steel, Add	8.79	
			For High Strength Low Alloy A588 Steel, Add	19.53	
			For Each Additional Top Copes >2, Add	0.72	
			For Structural Tees, WT, MT Or ST, Deduct	-30.29	
			For Skewed Or Sloped Connections, Add	11.72	
05 12 23 00-0350	LF		W10 x 30 A992/A36 Structural Beam Or Girder	92.20	24.07
			For Hot Dip Galvanizing, Add	18.45	
			For High Strength Low Alloy A572-50 Steel, Add	8.30	
			For High Strength Low Alloy A588 Steel, Add	18.44	
			For Each Additional Top Copes >2, Add	0.66	
			For Structural Tees, WT, MT Or ST, Deduct	-28.41	
			For Skewed Or Sloped Connections, Add	11.06	

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 00-0351	LF		W10 x 26 A992/A36 Structural Beam Or Girder	85.28	23.95
			For Hot Dip Galvanizing, Add	16.60	
			For High Strength Low Alloy A572-50 Steel, Add	7.68	
			For High Strength Low Alloy A588 Steel, Add	17.06	
			For Each Additional Top Copes >2, Add	0.60	
			For Structural Tees, WT, MT Or ST, Deduct	-26.03	
			For Skewed Or Sloped Connections, Add	10.23	
05 12 23 00-0352	LF		W10 x 22 A992/A36 Structural Beam Or Girder	78.04	23.57
			For Hot Dip Galvanizing, Add	14.69	
			For High Strength Low Alloy A572-50 Steel, Add	7.02	
			For High Strength Low Alloy A588 Steel, Add	15.61	
			For Each Additional Top Copes >2, Add	0.53	
			For Structural Tees, WT, MT Or ST, Deduct	-23.55	
			For Skewed Or Sloped Connections, Add	9.36	
05 12 23 00-0353	LF		W10 x 19 A992/A36 Structural Beam Or Girder	72.81	23.44
			For Hot Dip Galvanizing, Add	13.28	
			For High Strength Low Alloy A572-50 Steel, Add	6.55	
			For High Strength Low Alloy A588 Steel, Add	14.56	
			For Each Additional Top Copes >2, Add	0.48	
			For Structural Tees, WT, MT Or ST, Deduct	-21.74	
			For Skewed Or Sloped Connections, Add	8.74	
05 12 23 00-0354	LF		W10 x 17 A992/A36 Structural Beam Or Girder	69.16	23.31
			For Hot Dip Galvanizing, Add	12.30	
			For High Strength Low Alloy A572-50 Steel, Add	6.22	
			For High Strength Low Alloy A588 Steel, Add	13.83	
			For Each Additional Top Copes >2, Add	0.44	
			For Structural Tees, WT, MT Or ST, Deduct	-20.48	
			For Skewed Or Sloped Connections, Add	8.30	
05 12 23 00-0355	LF		W10 x 15 A992/A36 Structural Beam Or Girder	65.70	23.06
			For Hot Dip Galvanizing, Add	11.37	
			For High Strength Low Alloy A572-50 Steel, Add	5.91	
			For High Strength Low Alloy A588 Steel, Add	13.14	
			For Each Additional Top Copes >2, Add	0.41	
			For Structural Tees, WT, MT Or ST, Deduct	-19.29	
			For Skewed Or Sloped Connections, Add	7.88	
05 12 23 00-0356	LF		W10 x 12 A992/A36 Structural Beam Or Girder	60.48	23.06
			For Hot Dip Galvanizing, Add	9.96	
			For High Strength Low Alloy A572-50 Steel, Add	5.44	
			For High Strength Low Alloy A588 Steel, Add	12.10	
			For Each Additional Top Copes >2, Add	0.36	
			For Structural Tees, WT, MT Or ST, Deduct	-17.48	
			For Skewed Or Sloped Connections, Add	7.26	
05 12 23 00-0357	LF		W8 x 35 A992/A36 Structural Beam Or Girder	101.08	24.46
			For Hot Dip Galvanizing, Add	20.84	
			For High Strength Low Alloy A572-50 Steel, Add	9.10	
			For High Strength Low Alloy A588 Steel, Add	20.22	
			For Each Additional Top Copes >2, Add	0.75	
			For Structural Tees, WT, MT Or ST, Deduct	-31.48	
			For Skewed Or Sloped Connections, Add	12.13	
05 12 23 00-0358	LF		W8 x 31 A992/A36 Structural Beam Or Girder	93.97	24.07
			For Hot Dip Galvanizing, Add	18.94	
			For High Strength Low Alloy A572-50 Steel, Add	8.46	
			For High Strength Low Alloy A588 Steel, Add	18.79	
			For Each Additional Top Copes >2, Add	0.68	
			For Structural Tees, WT, MT Or ST, Deduct	-29.03	
			For Skewed Or Sloped Connections, Add	11.28	
05 12 23 00-0359	LF		W8 x 28 A992/A36 Structural Beam Or Girder	100.50	22.69
			For Hot Dip Galvanizing, Add	21.17	
			For High Strength Low Alloy A572-50 Steel, Add	9.05	
			For High Strength Low Alloy A588 Steel, Add	20.10	
			For Each Additional Top Copes >2, Add	0.76	
			For Structural Tees, WT, MT Or ST, Deduct	-31.55	
			For Skewed Or Sloped Connections, Add	12.06	
05 12 23 00-0360	LF		W8 x 24 A992/A36 Structural Beam Or Girder	91.44	21.29
			For Hot Dip Galvanizing, Add	19.08	
			For High Strength Low Alloy A572-50 Steel, Add	8.23	
			For High Strength Low Alloy A588 Steel, Add	18.29	
			For Each Additional Top Copes >2, Add	0.69	
			For Structural Tees, WT, MT Or ST, Deduct	-28.60	
			For Skewed Or Sloped Connections, Add	10.97	
05 12 23 00-0361	LF		W8 x 21 A992/A36 Structural Beam Or Girder	85.06	19.76
			For Hot Dip Galvanizing, Add	17.73	
			For High Strength Low Alloy A572-50 Steel, Add	7.66	
			For High Strength Low Alloy A588 Steel, Add	17.01	
			For Each Additional Top Copes >2, Add	0.64	
			For Structural Tees, WT, MT Or ST, Deduct	-26.60	
			For Skewed Or Sloped Connections, Add	10.21	
05 12 23 00-0362	LF		W8 x 18 A992/A36 Structural Beam Or Girder	74.05	18.37
			For Hot Dip Galvanizing, Add	15.10	
			For High Strength Low Alloy A572-50 Steel, Add	6.66	
			For High Strength Low Alloy A588 Steel, Add	14.81	
			For Each Additional Top Copes >2, Add	0.54	
			For Structural Tees, WT, MT Or ST, Deduct	-22.97	
			For Skewed Or Sloped Connections, Add	8.89	



		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 00-0363	LF		W8 x 10 A992/A36 Structural Beam Or Girder	37.98	13.18
			For Hot Dip Galvanizing, Add	6.67	
			For High Strength Low Alloy A572-50 Steel, Add	3.42	
			For High Strength Low Alloy A588 Steel, Add	7.60	
			For Each Additional Top Copes >2, Add	0.24	
			For Structural Tees, WT, MT Or ST, Deduct	-11.20	
			For Skewed Or Sloped Connections, Add	4.56	
05 12 23 00-0364	LF		W6 x 9 A992/A36 Structural Beam Or Girder	35.13	10.77
			For Hot Dip Galvanizing, Add	6.59	
			For High Strength Low Alloy A572-50 Steel, Add	3.16	
			For High Strength Low Alloy A588 Steel, Add	7.03	
			For Each Additional Top Copes >2, Add	0.24	
			For Structural Tees, WT, MT Or ST, Deduct	10.59	
			For Skewed Or Sloped Connections, Add	4.22	
05 12 23 00-0365			A992/A36 Structural Steel, M Shapes (05 12 23 00-0147)		
			Note: Includes material delivery and erection.		
05 12 23 00-0366	LF		M14 x 18 A992/A36 Structural Steel.....	67.14	16.65
			For Hot Dip Galvanizing, Add	13.71	
			For High Strength Low Alloy A572-50 Steel, Add	6.04	
			For High Strength Low Alloy A588 Grade B Steel, Add	13.43	
05 12 23 00-0367	LF		M12 x 11.8 A992/A36 Structural Steel.....	48.08	14.73
			For Hot Dip Galvanizing, Add	8.99	
			For High Strength Low Alloy A572-50 Steel, Add	4.33	
			For High Strength Low Alloy A588 Grade B Steel, Add	9.62	
05 12 23 00-0368	LF		M10 x 9 A992/A36 Structural Steel.....	37.29	11.82
			For Hot Dip Galvanizing, Add	6.85	
			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 00-0369	LF		M8 x 6.5 A992/A36 Structural Steel.....	26.93	8.53
			For Hot Dip Galvanizing, Add	4.95	
			For High Strength Low Alloy A572-50 Steel, Add	2.42	
			For High Strength Low Alloy A588 Grade B Steel, Add	5.39	
05 12 23 00-0370	LF		M6 x 20 A992/A36 Structural Steel.....	76.42	20.40
			For Hot Dip Galvanizing, Add	15.23	
			For High Strength Low Alloy A572-50 Steel, Add	6.88	
			For High Strength Low Alloy A588 Grade B Steel, Add	15.28	
05 12 23 00-0371	LF		M6 x 4.4 A992/A36 Structural Steel.....	18.22	5.77
			For Hot Dip Galvanizing, Add	3.34	
			For High Strength Low Alloy A572-50 Steel, Add	1.64	
			For High Strength Low Alloy A588 Grade B Steel, Add	3.64	
05 12 23 00-0372	LF		M5 x 18.9 A992/A36 Structural Steel.....	73.56	20.40
			For Hot Dip Galvanizing, Add	14.36	
			For High Strength Low Alloy A572-50 Steel, Add	6.62	
			For High Strength Low Alloy A588 Grade B Steel, Add	14.71	
05 12 23 00-0373	LF		M4 x 13 A992/A36 Structural Steel.....	60.31	20.02
			For Hot Dip Galvanizing, Add	10.83	
			For High Strength Low Alloy A572-50 Steel, Add	5.43	
			For High Strength Low Alloy A588 Grade B Steel, Add	12.06	
05 12 23 00-0374			A992/A36 Structural Steel, S Shapes (05 12 23 00-0147)		
			Note: Includes material delivery and erection.		
05 12 23 00-0375	LF		S24 x 121 A992/A36 Structural Steel.....	404.38	84.34
			For Hot Dip Galvanizing, Add	87.26	
			For High Strength Low Alloy A572-50 Steel, Add	36.39	
			For High Strength Low Alloy A588 Grade B Steel, Add	80.88	
05 12 23 00-0376	LF		S24 x 106 A992/A36 Structural Steel.....	358.40	77.78
			For Hot Dip Galvanizing, Add	76.45	
			For High Strength Low Alloy A572-50 Steel, Add	32.26	
			For High Strength Low Alloy A588 Grade B Steel, Add	71.68	
05 12 23 00-0377	LF		S24 x 100 A992/A36 Structural Steel.....	342.23	77.23
			For Hot Dip Galvanizing, Add	72.12	
			For High Strength Low Alloy A572-50 Steel, Add	30.80	
			For High Strength Low Alloy A588 Grade B Steel, Add	68.45	
05 12 23 00-0378	LF		S24 x 90 A992/A36 Structural Steel.....	311.91	73.16
			For Hot Dip Galvanizing, Add	64.91	
			For High Strength Low Alloy A572-50 Steel, Add	28.07	
			For High Strength Low Alloy A588 Grade B Steel, Add	62.38	
05 12 23 00-0379	LF		S24 x 80 A992/A36 Structural Steel.....	280.89	68.47
			For Hot Dip Galvanizing, Add	57.70	
			For High Strength Low Alloy A572-50 Steel, Add	25.28	
			For High Strength Low Alloy A588 Grade B Steel, Add	56.18	
05 12 23 00-0380	LF		S20 x 96 A992/A36 Structural Steel.....	328.54	74.14
			For Hot Dip Galvanizing, Add	69.23	
			For High Strength Low Alloy A572-50 Steel, Add	29.57	
			For High Strength Low Alloy A588 Grade B Steel, Add	65.71	
05 12 23 00-0381	LF		S20 x 86 A992/A36 Structural Steel.....	298.04	69.92
			For Hot Dip Galvanizing, Add	62.02	
			For High Strength Low Alloy A572-50 Steel, Add	26.82	
			For High Strength Low Alloy A588 Grade B Steel, Add	59.61	
05 12 23 00-0382	LF		S20 x 75 A992/A36 Structural Steel.....	263.33	64.19
			For Hot Dip Galvanizing, Add	54.09	
			For High Strength Low Alloy A572-50 Steel, Add	23.70	
			For High Strength Low Alloy A588 Grade B Steel, Add	52.67	

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 00-0383	LF		S20 x 66 A992/A36 Structural Steel	234.90	59.45
			For Hot Dip Galvanizing, Add	47.60	
			For High Strength Low Alloy A572-50 Steel, Add	21.14	
			For High Strength Low Alloy A588 Grade B Steel, Add	46.98	
05 12 23 00-0384	LF		S18 x 70 A992/A36 Structural Steel	249.15	63.06
			For Hot Dip Galvanizing, Add	50.48	
			For High Strength Low Alloy A572-50 Steel, Add	22.42	
			For High Strength Low Alloy A588 Grade B Steel, Add	49.83	
05 12 23 00-0385	LF		S18 x 54.7 A992/A36 Structural Steel	197.46	51.86
			For Hot Dip Galvanizing, Add	39.45	
			For High Strength Low Alloy A572-50 Steel, Add	17.77	
			For High Strength Low Alloy A588 Grade B Steel, Add	39.49	
05 12 23 00-0386	LF		S15 x 50 A992/A36 Structural Steel	183.15	49.91
			For Hot Dip Galvanizing, Add	36.06	
			For High Strength Low Alloy A572-50 Steel, Add	16.48	
			For High Strength Low Alloy A588 Grade B Steel, Add	36.63	
05 12 23 00-0387	LF		S15 x 42.9 A992/A36 Structural Steel	159.55	45.07
			For Hot Dip Galvanizing, Add	30.94	
			For High Strength Low Alloy A572-50 Steel, Add	14.36	
			For High Strength Low Alloy A588 Grade B Steel, Add	31.91	
05 12 23 00-0388	LF		S12 x 50 A992/A36 Structural Steel	180.49	47.41
			For Hot Dip Galvanizing, Add	36.06	
			For High Strength Low Alloy A572-50 Steel, Add	16.24	
			For High Strength Low Alloy A588 Grade B Steel, Add	36.10	
05 12 23 00-0389	LF		S12 x 40.8 A992/A36 Structural Steel	149.44	40.73
			For Hot Dip Galvanizing, Add	29.42	
			For High Strength Low Alloy A572-50 Steel, Add	13.45	
			For High Strength Low Alloy A588 Grade B Steel, Add	29.89	
05 12 23 00-0390	LF		S12 x 35 A992/A36 Structural Steel	130.16	36.77
			For Hot Dip Galvanizing, Add	25.24	
			For High Strength Low Alloy A572-50 Steel, Add	11.71	
			For High Strength Low Alloy A588 Grade B Steel, Add	26.03	
05 12 23 00-0391	LF		S12 x 31.8 A992/A36 Structural Steel	120.14	35.17
			For Hot Dip Galvanizing, Add	22.93	
			For High Strength Low Alloy A572-50 Steel, Add	10.81	
			For High Strength Low Alloy A588 Grade B Steel, Add	24.03	
05 12 23 00-0392	LF		S10 x 35 A992/A36 Structural Steel	132.23	38.72
			For Hot Dip Galvanizing, Add	25.24	
			For High Strength Low Alloy A572-50 Steel, Add	11.90	
			For High Strength Low Alloy A588 Grade B Steel, Add	26.45	
05 12 23 00-0393	LF		S10 x 25.4 A992/A36 Structural Steel	97.54	29.57
			For Hot Dip Galvanizing, Add	18.32	
			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 00-0394	LF		S8 x 23 A992/A36 Structural Steel	88.32	26.77
			For Hot Dip Galvanizing, Add	16.59	
			For High Strength Low Alloy A572-50 Steel, Add	7.95	
			For High Strength Low Alloy A588 Grade B Steel, Add	17.66	
05 12 23 00-0395	LF		S8 x 18.4 A992/A36 Structural Steel	71.86	22.55
			For Hot Dip Galvanizing, Add	13.27	
			For High Strength Low Alloy A572-50 Steel, Add	6.47	
			For High Strength Low Alloy A588 Grade B Steel, Add	14.37	
05 12 23 00-0396	LF		S7 x 20 A992/A36 Structural Steel	78.11	24.51
			For Hot Dip Galvanizing, Add	14.42	
			For High Strength Low Alloy A572-50 Steel, Add	7.03	
			For High Strength Low Alloy A588 Grade B Steel, Add	15.62	
05 12 23 00-0397	LF		S7 x 15.3 A992/A36 Structural Steel	60.81	19.74
			For Hot Dip Galvanizing, Add	11.03	
			For High Strength Low Alloy A572-50 Steel, Add	5.47	
			For High Strength Low Alloy A588 Grade B Steel, Add	12.16	
05 12 23 00-0398	LF		S6 x 17.25 A992/A36 Structural Steel	67.65	21.40
			For Hot Dip Galvanizing, Add	12.44	
			For High Strength Low Alloy A572-50 Steel, Add	6.09	
			For High Strength Low Alloy A588 Grade B Steel, Add	13.53	
05 12 23 00-0399	LF		S6 x 12.5 A992/A36 Structural Steel	57.93	19.76
			For Hot Dip Galvanizing, Add	10.20	
			For High Strength Low Alloy A572-50 Steel, Add	5.21	
			For High Strength Low Alloy A588 Grade B Steel, Add	11.59	
05 12 23 00-0400	LF		S5 x 14.75 A992/A36 Structural Steel	61.73	20.15
			For Hot Dip Galvanizing, Add	11.19	
			For High Strength Low Alloy A572-50 Steel, Add	5.56	
			For High Strength Low Alloy A588 Grade B Steel, Add	12.35	
05 12 23 00-0401	LF		S5 x 10 A992/A36 Structural Steel	52.32	19.64
			For Hot Dip Galvanizing, Add	8.68	
			For High Strength Low Alloy A572-50 Steel, Add	4.71	
			For High Strength Low Alloy A588 Grade B Steel, Add	10.46	
05 12 23 00-0402	LF		S4 x 9.5 A992/A36 Structural Steel	50.87	19.64
			For Hot Dip Galvanizing, Add	8.28	
			For High Strength Low Alloy A572-50 Steel, Add	4.58	
			For High Strength Low Alloy A588 Grade B Steel, Add	10.17	
05 12 23 00-0403	LF		S4 x 7.7 A992/A36 Structural Steel	47.52	19.64
			For Hot Dip Galvanizing, Add	7.38	
			For High Strength Low Alloy A572-50 Steel, Add	4.28	
			For High Strength Low Alloy A588 Grade B Steel, Add	9.50	



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 00-0404	LF	S3 x 7.5 A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	47.20 7.30 4.25 9.44	19.64
05 12 23 00-0405	LF	S3 x 5.7 A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	43.21 6.22 3.89 8.64	19.51
05 12 23 00-0406		A992/A36 Structural Steel, HP Shapes (05 12 23 00-0147) Note: Includes material delivery and erection.		
05 12 23 00-0407	LF	HP14 x 117 A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	249.97 61.98 22.50 49.99	24.99
05 12 23 00-0408	LF	HP14 x 102 A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	218.69 53.67 19.68 43.74	23.25
05 12 23 00-0409	LF	HP14 x 89 A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	194.81 47.61 17.53 38.96	21.81
05 12 23 00-0410	LF	HP14 x 73 A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	161.20 38.65 14.51 32.24	20.55
05 12 23 00-0411	LF	HP13 x 100 A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	214.41 52.76 19.30 42.88	22.80
05 12 23 00-0412	LF	HP13 x 87 A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	190.43 46.54 17.14 38.09	21.32
05 12 23 00-0413	LF	HP13 x 73 A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	161.20 38.65 14.51 32.24	20.55
05 12 23 00-0414	LF	HP13 x 60 A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	136.50 32.05 12.29 27.30	19.70
05 12 23 00-0415	LF	HP12 x 84 A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	179.58 43.18 16.16 35.92	22.49
05 12 23 00-0416	LF	HP12 x 74 A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	158.61 37.74 14.27 31.72	21.21
05 12 23 00-0417	LF	HP12 x 63 A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	136.50 32.11 12.29 27.30	19.50
05 12 23 00-0418	LF	HP12 x 53 A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	125.14 29.24 11.26 25.03	18.54
05 12 23 00-0419	LF	HP10 x 57 A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	131.84 30.96 11.87 26.37	19.02
05 12 23 00-0420	LF	HP10 x 42 A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	108.58 24.86 9.77 21.72	17.83
05 12 23 00-0421	LF	HP8 x 36 A992/A36 Structural Steel For Hot Dip Galvanizing, Add For High Strength Low Alloy A572-50 Steel, Add For High Strength Low Alloy A588 Grade B Steel, Add	94.37 21.21 8.49 18.87	16.81
05 12 23 00-0422		Lightweight Framing Steel Shapes (05 12 23) Note: Includes cutting to length. Excludes fasteners or welds. When used with structural steel shapes by TON, connecting bolts or welds are considered included with structural steel tasks by TON.		
05 12 23 00-0423		Angle Iron - L (05 12 23 00-0422)		
05 12 23 00-0424		1/8" Thick (05 12 23 00-0423)		

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 00-0425	LF		1/2" x 1/2" x 1/8" Thick, Plain Steel Angle Iron.....	2.84	1.70
			For >100 To 250, Deduct	-0.17	
			For >250 To 500, Deduct	-0.24	
			For >500 To 1,000, Deduct	-0.37	
			For >1,000, Deduct	-0.50	
			For 316 Stainless Steel, Add	1.79	
			For Galvanized Steel, Add	0.35	
			For Aluminum, Add	0.10	
			For 304 Stainless Steel, Add	1.60	
			For High Strength Steel (HSS), Add	0.57	
05 12 23 00-0426	LF		3/4" x 1/2" x 1/8" Thick, Plain Steel Angle Iron.....	3.29	1.93
			For >100 To 250, Deduct	-0.19	
			For >250 To 500, Deduct	-0.28	
			For >500 To 1,000, Deduct	-0.42	
			For >1,000, Deduct	-0.57	
			For 316 Stainless Steel, Add	2.27	
			For Galvanized Steel, Add	0.44	
			For Aluminum, Add	0.13	
			For 304 Stainless Steel, Add	2.02	
			For High Strength Steel (HSS), Add	0.66	
05 12 23 00-0427	LF		3/4" x 3/4" x 1/8" Thick, Plain Steel Angle Iron.....	3.72	2.14
			For >100 To 250, Deduct	-0.21	
			For >250 To 500, Deduct	-0.31	
			For >500 To 1,000, Deduct	-0.47	
			For >1,000, Deduct	-0.63	
			For 316 Stainless Steel, Add	2.82	
			For Galvanized Steel, Add	0.55	
			For Aluminum, Add	0.16	
			For 304 Stainless Steel, Add	2.51	
			For High Strength Steel (HSS), Add	0.74	
05 12 23 00-0428	LF		1" x 3/4" x 1/8" Thick, Plain Steel Angle Iron.....	4.18	2.37
			For >100 To 250, Deduct	-0.24	
			For >250 To 500, Deduct	-0.34	
			For >500 To 1,000, Deduct	-0.53	
			For >1,000, Deduct	-0.71	
			For 316 Stainless Steel, Add	3.26	
			For Galvanized Steel, Add	0.63	
			For Aluminum, Add	0.18	
			For 304 Stainless Steel, Add	2.91	
			For High Strength Steel (HSS), Add	0.84	
05 12 23 00-0429	LF		1" x 1" x 1/8" Thick, Plain Steel Angle Iron.....	4.61	2.56
			For >100 To 250, Deduct	-0.26	
			For >250 To 500, Deduct	-0.37	
			For >500 To 1,000, Deduct	-0.57	
			For >1,000, Deduct	-0.77	
			For 316 Stainless Steel, Add	3.81	
			For Galvanized Steel, Add	0.74	
			For Aluminum, Add	0.21	
			For 304 Stainless Steel, Add	3.39	
			For High Strength Steel (HSS), Add	0.92	
05 12 23 00-0430	LF		1-1/4" x 1-1/4" x 1/8" Thick, Plain Steel Angle Iron.....	5.52	3.01
			For >100 To 250, Deduct	-0.30	
			For >250 To 500, Deduct	-0.44	
			For >500 To 1,000, Deduct	-0.68	
			For >1,000, Deduct	-0.92	
			For 316 Stainless Steel, Add	4.80	
			For Galvanized Steel, Add	0.93	
			For Aluminum, Add	0.27	
			For 304 Stainless Steel, Add	4.28	
			For High Strength Steel (HSS), Add	1.10	
05 12 23 00-0431	LF		1-1/2" x 1" x 1/8" Thick, Plain Steel Angle Iron.....	5.52	3.01
			For >100 To 250, Deduct	-0.30	
			For >250 To 500, Deduct	-0.44	
			For >500 To 1,000, Deduct	-0.68	
			For >1,000, Deduct	-0.92	
			For 316 Stainless Steel, Add	4.80	
			For Galvanized Steel, Add	0.93	
			For Aluminum, Add	0.27	
			For 304 Stainless Steel, Add	4.28	
			For High Strength Steel (HSS), Add	1.10	
05 12 23 00-0432	LF		1-1/2" x 1-1/2" x 1/8" Thick, Plain Steel Angle Iron.....	6.12	3.23
			For >100 To 250, Deduct	-0.32	
			For >250 To 500, Deduct	-0.48	
			For >500 To 1,000, Deduct	-0.74	
			For >1,000, Deduct	-1.00	
			For 316 Stainless Steel, Add	5.79	
			For Galvanized Steel, Add	1.12	
			For Aluminum, Add	0.33	
			For 304 Stainless Steel, Add	5.16	
			For High Strength Steel (HSS), Add	1.22	



		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		1-3/4" x 1-3/4" x 1/8" Thick, Plain Steel Angle Iron	6.60	3.34
			For >100 To 250, Deduct	-0.33	
			For >250 To 500, Deduct	-0.50	
			For >500 To 1,000, Deduct	-0.78	
			For >1,000, Deduct	-1.05	
			For 316 Stainless Steel, Add	6.85	
			For Galvanized Steel, Add	1.33	
			For Aluminum, Add	0.39	
			For 304 Stainless Steel, Add	6.10	
			For High Strength Steel (HSS), Add	1.32	
05 12 23 00-0434	LF		2" x 1-1/2" x 1/8" Thick, Plain Steel Angle Iron	6.60	3.34
			For >100 To 250, Deduct	-0.33	
			For >250 To 500, Deduct	-0.50	
			For >500 To 1,000, Deduct	-0.78	
			For >1,000, Deduct	-1.05	
			For 316 Stainless Steel, Add	6.85	
			For Galvanized Steel, Add	1.33	
			For Aluminum, Add	0.39	
			For 304 Stainless Steel, Add	6.10	
			For High Strength Steel (HSS), Add	1.32	
05 12 23 00-0435	LF		2" x 2" x 1/8" Thick, Plain Steel Angle Iron	7.07	3.46
			For >100 To 250, Deduct	-0.35	
			For >250 To 500, Deduct	-0.52	
			For >500 To 1,000, Deduct	-0.81	
			For >1,000, Deduct	-1.11	
			For 316 Stainless Steel, Add	7.87	
			For Galvanized Steel, Add	1.53	
			For Aluminum, Add	0.44	
			For 304 Stainless Steel, Add	7.01	
			For High Strength Steel (HSS), Add	1.41	
05 12 23 00-0436			3/16" Thick (05 12 23 00-0423)		
05 12 23 00-0437	LF		1" x 1" x 3/16" Thick, Plain Steel Angle Iron	5.33	2.71
			For >100 To 250, Deduct	-0.27	
			For >250 To 500, Deduct	-0.40	
			For >500 To 1,000, Deduct	-0.63	
			For >1,000, Deduct	-0.85	
			For 316 Stainless Steel, Add	5.50	
			For Galvanized Steel, Add	1.07	
			For Aluminum, Add	0.31	
			For 304 Stainless Steel, Add	4.90	
			For High Strength Steel (HSS), Add	1.07	
05 12 23 00-0438	LF		1-1/4" x 1-1/4" x 3/16" Thick, Plain Steel Angle Iron	6.45	3.18
			For >100 To 250, Deduct	-0.32	
			For >250 To 500, Deduct	-0.48	
			For >500 To 1,000, Deduct	-0.75	
			For >1,000, Deduct	-1.02	
			For 316 Stainless Steel, Add	7.04	
			For Galvanized Steel, Add	1.36	
			For Aluminum, Add	0.40	
			For 304 Stainless Steel, Add	6.27	
			For High Strength Steel (HSS), Add	1.29	
05 12 23 00-0439	LF		1-1/2" x 1" x 3/16" Thick, Plain Steel Angle Iron	6.45	3.18
			For >100 To 250, Deduct	-0.32	
			For >250 To 500, Deduct	-0.48	
			For >500 To 1,000, Deduct	-0.75	
			For >1,000, Deduct	-1.02	
			For 316 Stainless Steel, Add	7.04	
			For Galvanized Steel, Add	1.36	
			For Aluminum, Add	0.40	
			For 304 Stainless Steel, Add	6.27	
			For High Strength Steel (HSS), Add	1.29	
05 12 23 00-0440	LF		1-1/2" x 1-1/2" x 3/16" Thick, Plain Steel Angle Iron	7.22	3.42
			For >100 To 250, Deduct	-0.34	
			For >250 To 500, Deduct	-0.52	
			For >500 To 1,000, Deduct	-0.82	
			For >1,000, Deduct	-1.11	
			For 316 Stainless Steel, Add	8.54	
			For Galvanized Steel, Add	1.66	
			For Aluminum, Add	0.48	
			For 304 Stainless Steel, Add	7.61	
			For High Strength Steel (HSS), Add	1.44	
05 12 23 00-0441	LF		1-3/4" x 1-3/4" x 3/16" Thick, Plain Steel Angle Iron	7.88	3.54
			For >100 To 250, Deduct	-0.35	
			For >250 To 500, Deduct	-0.55	
			For >500 To 1,000, Deduct	-0.87	
			For >1,000, Deduct	-1.18	
			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	
			For High Strength Steel (HSS), Add	1.58	

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 00-0442	LF		2" x 1-1/2" x 3/16" Thick, Plain Steel Angle Iron	7.88	3.54
			For >100 To 250, Deduct	-0.35	
			For >250 To 500, Deduct	-0.55	
			For >500 To 1,000, Deduct	-0.87	
			For >1,000, Deduct	-1.18	
			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	
			For High Strength Steel (HSS), Add	1.58	
05 12 23 00-0443	LF		2" x 2" x 3/16" Thick, Plain Steel Angle Iron	8.51	3.66
			For >100 To 250, Deduct	-0.37	
			For >250 To 500, Deduct	-0.58	
			For >500 To 1,000, Deduct	-0.91	
			For >1,000, Deduct	-1.25	
			For 316 Stainless Steel, Add	11.62	
			For Galvanized Steel, Add	2.25	
			For Aluminum, Add	0.65	
			For 304 Stainless Steel, Add	10.35	
			For High Strength Steel (HSS), Add	1.70	
05 12 23 00-0444	LF		2-1/2" x 2" x 3/16" Thick, Plain Steel Angle Iron	9.32	3.92
			For >100 To 250, Deduct	-0.39	
			For >250 To 500, Deduct	-0.63	
			For >500 To 1,000, Deduct	-0.99	
			For >1,000, Deduct	-1.35	
			For 316 Stainless Steel, Add	13.09	
			For Galvanized Steel, Add	2.54	
			For Aluminum, Add	0.74	
			For 304 Stainless Steel, Add	11.66	
			For High Strength Steel (HSS), Add	1.86	
05 12 23 00-0445	LF		2-1/2" x 2-1/2" x 3/16" Thick, Plain Steel Angle Iron	10.18	4.20
			For >100 To 250, Deduct	-0.42	
			For >250 To 500, Deduct	-0.67	
			For >500 To 1,000, Deduct	-1.07	
			For >1,000, Deduct	-1.46	
			For 316 Stainless Steel, Add	14.66	
			For Galvanized Steel, Add	2.84	
			For Aluminum, Add	0.82	
			For 304 Stainless Steel, Add	13.05	
			For High Strength Steel (HSS), Add	2.04	
05 12 23 00-0446	LF		3" x 2" x 3/16" Thick, Plain Steel Angle Iron	10.17	4.20
			For >100 To 250, Deduct	-0.42	
			For >250 To 500, Deduct	-0.67	
			For >500 To 1,000, Deduct	-1.07	
			For >1,000, Deduct	-1.46	
			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	2.03	
05 12 23 00-0447	LF		3" x 2-1/2" x 3/16" Thick, Plain Steel Angle Iron	11.24	4.63
			For >100 To 250, Deduct	-0.46	
			For >250 To 500, Deduct	-0.75	
			For >500 To 1,000, Deduct	-1.18	
			For >1,000, Deduct	-1.62	
			For 316 Stainless Steel, Add	16.16	
			For Galvanized Steel, Add	3.13	
			For Aluminum, Add	0.91	
			For 304 Stainless Steel, Add	14.39	
			For High Strength Steel (HSS), Add	2.25	
05 12 23 00-0448	LF		3" x 3" x 3/16" Thick, Plain Steel Angle Iron	12.29	5.08
			For >100 To 250, Deduct	-0.51	
			For >250 To 500, Deduct	-0.82	
			For >500 To 1,000, Deduct	-1.29	
			For >1,000, Deduct	-1.77	
			For 316 Stainless Steel, Add	17.66	
			For Galvanized Steel, Add	3.42	
			For Aluminum, Add	0.99	
			For 304 Stainless Steel, Add	15.73	
			For High Strength Steel (HSS), Add	2.46	
05 12 23 00-0449			1/4" Thick (05 12 23 00-0423)		
05 12 23 00-0450	LF		1" x 1" x 1/4" Thick, Plain Steel Angle Iron	6.37	3.13
			For >100 To 250, Deduct	-0.31	
			For >250 To 500, Deduct	-0.47	
			For >500 To 1,000, Deduct	-0.74	
			For >1,000, Deduct	-1.00	
			For 316 Stainless Steel, Add	7.01	
			For Galvanized Steel, Add	1.36	
			For Aluminum, Add	0.39	
			For 304 Stainless Steel, Add	6.24	
			For High Strength Steel (HSS), Add	1.27	



		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 00-0451	LF		1-1/4" x 1-1/4" x 1/4" Thick, Plain Steel Angle Iron	7.32	3.36
			For >100 To 250, Deduct	-0.34	
			For >250 To 500, Deduct	-0.52	
			For >500 To 1,000, Deduct	-0.82	
			For >1,000, Deduct	-1.11	
			For 316 Stainless Steel, Add	9.06	
			For Galvanized Steel, Add	1.75	
			For Aluminum, Add	0.51	
			For 304 Stainless Steel, Add	8.07	
			For High Strength Steel (HSS), Add	1.46	
05 12 23 00-0452	LF		1-1/2" x 1" x 1/4" Thick, Plain Steel Angle Iron	7.31	3.36
			For >100 To 250, Deduct	-0.34	
			For >250 To 500, Deduct	-0.52	
			For >500 To 1,000, Deduct	-0.81	
			For >1,000, Deduct	-1.11	
			For 316 Stainless Steel, Add	9.02	
			For Galvanized Steel, Add	1.75	
			For Aluminum, Add	0.51	
			For 304 Stainless Steel, Add	8.04	
			For High Strength Steel (HSS), Add	1.46	
05 12 23 00-0453	LF		1-1/2" x 1-1/2" x 1/4" Thick, Plain Steel Angle Iron	8.26	3.60
			For >100 To 250, Deduct	-0.36	
			For >250 To 500, Deduct	-0.57	
			For >500 To 1,000, Deduct	-0.89	
			For >1,000, Deduct	-1.22	
			For 316 Stainless Steel, Add	11.04	
			For Galvanized Steel, Add	2.14	
			For Aluminum, Add	0.62	
			For 304 Stainless Steel, Add	9.83	
			For High Strength Steel (HSS), Add	1.65	
05 12 23 00-0454	LF		1-3/4" x 1-3/4" x 1/4" Thick, Plain Steel Angle Iron	9.09	3.72
			For >100 To 250, Deduct	-0.37	
			For >250 To 500, Deduct	-0.60	
			For >500 To 1,000, Deduct	-0.95	
			For >1,000, Deduct	-1.30	
			For 316 Stainless Steel, Add	13.22	
			For Galvanized Steel, Add	2.56	
			For Aluminum, Add	0.74	
			For 304 Stainless Steel, Add	11.77	
			For High Strength Steel (HSS), Add	1.82	
05 12 23 00-0455	LF		2" x 1" x 1/4" Thick, Plain Steel Angle Iron	8.05	3.49
			For >100 To 250, Deduct	-0.34	
			For >250 To 500, Deduct	-0.54	
			For >500 To 1,000, Deduct	-0.86	
			For >1,000, Deduct	-1.18	
			For 316 Stainless Steel, Add	11.14	
			For Galvanized Steel, Add	2.16	
			For Aluminum, Add	0.63	
			For 304 Stainless Steel, Add	9.92	
			For High Strength Steel (HSS), Add	1.61	
05 12 23 00-0456	LF		2" x 1-1/2" x 1/4" Thick, Plain Steel Angle Iron	9.07	3.72
			For >100 To 250, Deduct	-0.37	
			For >250 To 500, Deduct	-0.60	
			For >500 To 1,000, Deduct	-0.95	
			For >1,000, Deduct	-1.30	
			For 316 Stainless Steel, Add	13.15	
			For Galvanized Steel, Add	2.55	
			For Aluminum, Add	0.74	
			For 304 Stainless Steel, Add	11.71	
			For High Strength Steel (HSS), Add	1.81	
05 12 23 00-0457	LF		2" x 2" x 1/4" Thick, Plain Steel Angle Iron	9.86	3.84
			For >100 To 250, Deduct	-0.38	
			For >250 To 500, Deduct	-0.63	
			For >500 To 1,000, Deduct	-1.01	
			For >1,000, Deduct	-1.38	
			For 316 Stainless Steel, Add	15.17	
			For Galvanized Steel, Add	2.94	
			For Aluminum, Add	0.85	
			For 304 Stainless Steel, Add	13.51	
			For High Strength Steel (HSS), Add	1.97	
05 12 23 00-0458	LF		2-1/2" x 2" x 1/4" Thick, Plain Steel Angle Iron	11.06	4.25
			For >100 To 250, Deduct	-0.43	
			For >250 To 500, Deduct	-0.70	
			For >500 To 1,000, Deduct	-1.12	
			For >1,000, Deduct	-1.54	
			For 316 Stainless Steel, Add	17.25	
			For Galvanized Steel, Add	3.34	
			For Aluminum, Add	0.97	
			For 304 Stainless Steel, Add	15.36	
			For High Strength Steel (HSS), Add	2.21	

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 00-0459	LF		2-1/2" x 2-1/2" x 1/4" Thick, Plain Steel Angle Iron	12.31	4.66
			For >100 To 250, Deduct	-0.47	
			For >250 To 500, Deduct	-0.77	
			For >500 To 1,000, Deduct	-1.24	
			For >1,000, Deduct	-1.70	
			For 316 Stainless Steel, Add	19.49	
			For Galvanized Steel, Add	3.78	
			For Aluminum, Add	1.10	
			For 304 Stainless Steel, Add	17.36	
			For High Strength Steel (HSS), Add	2.46	
05 12 23 00-0460	LF		3" x 2" x 1/4" Thick, Plain Steel Angle Iron	12.31	4.66
			For >100 To 250, Deduct	-0.47	
			For >250 To 500, Deduct	-0.77	
			For >500 To 1,000, Deduct	-1.24	
			For >1,000, Deduct	-1.70	
			For 316 Stainless Steel, Add	19.49	
			For Galvanized Steel, Add	3.78	
			For Aluminum, Add	1.10	
			For 304 Stainless Steel, Add	17.36	
			For High Strength Steel (HSS), Add	2.46	
05 12 23 00-0461	LF		3" x 2-1/2" x 1/4" Thick, Plain Steel Angle Iron	13.60	5.18
			For >100 To 250, Deduct	-0.52	
			For >250 To 500, Deduct	-0.86	
			For >500 To 1,000, Deduct	-1.37	
			For >1,000, Deduct	-1.88	
			For 316 Stainless Steel, Add	21.44	
			For Galvanized Steel, Add	4.15	
			For Aluminum, Add	1.21	
			For 304 Stainless Steel, Add	19.10	
			For High Strength Steel (HSS), Add	2.72	
05 12 23 00-0462	LF		3" x 3" x 1/4" Thick, Plain Steel Angle Iron	14.87	5.69
			For >100 To 250, Deduct	-0.57	
			For >250 To 500, Deduct	-0.94	
			For >500 To 1,000, Deduct	-1.50	
			For >1,000, Deduct	-2.06	
			For 316 Stainless Steel, Add	23.30	
			For Galvanized Steel, Add	4.51	
			For Aluminum, Add	1.31	
			For 304 Stainless Steel, Add	20.75	
			For High Strength Steel (HSS), Add	2.97	
05 12 23 00-0463	LF		3-1/2" x 3" x 1/4" Thick, Plain Steel Angle Iron	16.17	6.12
			For >100 To 250, Deduct	-0.61	
			For >250 To 500, Deduct	-1.02	
			For >500 To 1,000, Deduct	-1.62	
			For >1,000, Deduct	-2.23	
			For 316 Stainless Steel, Add	25.66	
			For Galvanized Steel, Add	4.97	
			For Aluminum, Add	1.44	
			For 304 Stainless Steel, Add	22.86	
			For High Strength Steel (HSS), Add	3.23	
05 12 23 00-0464	LF		3-1/2" x 4-1/2" x 1/4" Thick, Plain Steel Angle Iron	17.14	0.63
			For >100 To 250, Deduct	-0.64	
			For >250 To 500, Deduct	-1.07	
			For >500 To 1,000, Deduct	-1.71	
			For >1,000, Deduct	-2.35	
			For 316 Stainless Steel, Add	27.62	
			For Galvanized Steel, Add	5.35	
			For Aluminum, Add	1.55	
			For 304 Stainless Steel, Add	24.60	
			For High Strength Steel (HSS), Add	3.43	
05 12 23 00-0465	LF		4" x 3" x 1/4" Thick, Plain Steel Angle Iron	17.14	6.39
			For >100 To 250, Deduct	-0.64	
			For >250 To 500, Deduct	-1.07	
			For >500 To 1,000, Deduct	-1.71	
			For >1,000, Deduct	-2.35	
			For 316 Stainless Steel, Add	27.62	
			For Galvanized Steel, Add	5.35	
			For Aluminum, Add	1.55	
			For 304 Stainless Steel, Add	24.60	
			For High Strength Steel (HSS), Add	3.43	
05 12 23 00-0466	LF		4" x 3-1/2" x 1/4" Thick, Plain Steel Angle Iron	18.09	6.66
			For >100 To 250, Deduct	-0.67	
			For >250 To 500, Deduct	-1.12	
			For >500 To 1,000, Deduct	-1.79	
			For >1,000, Deduct	-2.47	
			For 316 Stainless Steel, Add	29.47	
			For Galvanized Steel, Add	5.71	
			For Aluminum, Add	1.66	
			For 304 Stainless Steel, Add	26.25	
			For High Strength Steel (HSS), Add	3.62	



			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 4" x 1/4" Thick, Plain Steel Angle Iron	19.08	6.94
			For >100 To 250, Deduct	-0.69	
			For >250 To 500, Deduct	-1.17	
			For >500 To 1,000, Deduct	-1.88	
			For >1,000, Deduct	-2.59	
			For 316 Stainless Steel, Add	31.46	
			For Galvanized Steel, Add	6.09	
			For Aluminum, Add	1.77	
			For 304 Stainless Steel, Add	28.02	
			For High Strength Steel (HSS), Add	3.82	
05 12 23 00-0468	LF		5" x 3" x 1/4" Thick, Plain Steel Angle Iron	19.08	6.94
			For >100 To 250, Deduct	-0.69	
			For >250 To 500, Deduct	-1.17	
			For >500 To 1,000, Deduct	-1.88	
			For >1,000, Deduct	-2.59	
			For 316 Stainless Steel, Add	31.46	
			For Galvanized Steel, Add	6.09	
			For Aluminum, Add	1.77	
			For 304 Stainless Steel, Add	28.02	
			For High Strength Steel (HSS), Add	3.82	
05 12 23 00-0469	LF		5" x 3-1/2" x 1/4" Thick, Plain Steel Angle Iron	20.14	7.31
			For >100 To 250, Deduct	-0.73	
			For >250 To 500, Deduct	-1.23	
			For >500 To 1,000, Deduct	-1.98	
			For >1,000, Deduct	-2.73	
			For 316 Stainless Steel, Add	33.25	
			For Galvanized Steel, Add	6.44	
			For Aluminum, Add	1.87	
			For 304 Stainless Steel, Add	29.61	
			For High Strength Steel (HSS), Add	4.03	
05 12 23 00-0470			5/16" Thick (05 12 23 00-0423)		
05 12 23 00-0471	LF		2-1/2" x 2" x 5/16" Thick, Plain Steel Angle Iron	13.29	4.95
			For >100 To 250, Deduct	-0.49	
			For >250 To 500, Deduct	-0.83	
			For >500 To 1,000, Deduct	-1.32	
			For >1,000, Deduct	-1.82	
			For 316 Stainless Steel, Add	21.44	
			For Galvanized Steel, Add	4.15	
			For Aluminum, Add	1.21	
			For 304 Stainless Steel, Add	19.10	
			For High Strength Steel (HSS), Add	2.66	
05 12 23 00-0472	LF		2-1/2" x 2-1/2" x 5/16" Thick, Plain Steel Angle Iron	14.43	5.24
			For >100 To 250, Deduct	-0.52	
			For >250 To 500, Deduct	-0.89	
			For >500 To 1,000, Deduct	-1.42	
			For >1,000, Deduct	-1.96	
			For 316 Stainless Steel, Add	23.81	
			For Galvanized Steel, Add	4.61	
			For Aluminum, Add	1.34	
			For 304 Stainless Steel, Add	21.20	
			For High Strength Steel (HSS), Add	2.89	
05 12 23 00-0473	LF		3" x 2" x 5/16" Thick, Plain Steel Angle Iron	14.43	5.24
			For >100 To 250, Deduct	-0.52	
			For >250 To 500, Deduct	-0.89	
			For >500 To 1,000, Deduct	-1.42	
			For >1,000, Deduct	-1.96	
			For 316 Stainless Steel, Add	23.81	
			For Galvanized Steel, Add	4.61	
			For Aluminum, Add	1.34	
			For 304 Stainless Steel, Add	21.20	
			For High Strength Steel (HSS), Add	2.89	
05 12 23 00-0474	LF		3" x 2-1/2" x 5/16" Thick, Plain Steel Angle Iron	16.01	5.74
			For >100 To 250, Deduct	-0.58	
			For >250 To 500, Deduct	-0.98	
			For >500 To 1,000, Deduct	-1.57	
			For >1,000, Deduct	-2.16	
			For 316 Stainless Steel, Add	26.69	
			For Galvanized Steel, Add	5.17	
			For Aluminum, Add	1.50	
			For 304 Stainless Steel, Add	23.77	
			For High Strength Steel (HSS), Add	3.20	
05 12 23 00-0475	LF		3" x 3" x 5/16" Thick, Plain Steel Angle Iron	17.41	6.25
			For >100 To 250, Deduct	-0.62	
			For >250 To 500, Deduct	-1.06	
			For >500 To 1,000, Deduct	-1.70	
			For >1,000, Deduct	-2.35	
			For 316 Stainless Steel, Add	29.06	
			For Galvanized Steel, Add	5.63	
			For Aluminum, Add	1.63	
			For 304 Stainless Steel, Add	25.88	
			For High Strength Steel (HSS), Add	3.48	

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 00-0476	LF		3-1/2" x 3" x 5/16" Thick, Plain Steel Angle Iron	18.58	6.57
			For >100 To 250, Deduct	-0.66	
			For >250 To 500, Deduct	-1.12	
			For >500 To 1,000, Deduct	-1.80	
			For >1,000, Deduct	-2.49	
			For 316 Stainless Steel, Add	31.46	
			For Galvanized Steel, Add	6.09	
			For Aluminum, Add	1.77	
			For 304 Stainless Steel, Add	28.02	
			For High Strength Steel (HSS), Add	3.72	
05 12 23 00-0477	LF		3-1/2" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron	19.87	6.89
			For >100 To 250, Deduct	-0.69	
			For >250 To 500, Deduct	-1.19	
			For >500 To 1,000, Deduct	-1.91	
			For >1,000, Deduct	-2.64	
			For 316 Stainless Steel, Add	34.21	
			For Galvanized Steel, Add	6.63	
			For Aluminum, Add	1.92	
			For 304 Stainless Steel, Add	30.47	
			For High Strength Steel (HSS), Add	3.97	
05 12 23 00-0478	LF		4" x 3" x 5/16" Thick, Plain Steel Angle Iron	19.87	6.89
			For >100 To 250, Deduct	-0.69	
			For >250 To 500, Deduct	-1.19	
			For >500 To 1,000, Deduct	-1.91	
			For >1,000, Deduct	-2.64	
			For 316 Stainless Steel, Add	34.21	
			For Galvanized Steel, Add	6.63	
			For Aluminum, Add	1.92	
			For 304 Stainless Steel, Add	30.47	
			For High Strength Steel (HSS), Add	3.97	
05 12 23 00-0479	LF		4" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron	21.14	7.28
			For >100 To 250, Deduct	-0.73	
			For >250 To 500, Deduct	-1.26	
			For >500 To 1,000, Deduct	-2.03	
			For >1,000, Deduct	-2.80	
			For 316 Stainless Steel, Add	36.58	
			For Galvanized Steel, Add	7.09	
			For Aluminum, Add	2.06	
			For 304 Stainless Steel, Add	32.58	
			For High Strength Steel (HSS), Add	4.23	
05 12 23 00-0480	LF		4" x 4" x 5/16" Thick, Plain Steel Angle Iron	22.36	7.61
			For >100 To 250, Deduct	-0.76	
			For >250 To 500, Deduct	-1.32	
			For >500 To 1,000, Deduct	-2.13	
			For >1,000, Deduct	-2.95	
			For 316 Stainless Steel, Add	39.07	
			For Galvanized Steel, Add	7.57	
			For Aluminum, Add	2.20	
			For 304 Stainless Steel, Add	34.80	
			For High Strength Steel (HSS), Add	4.47	
05 12 23 00-0481	LF		5" x 3" x 5/16" Thick, Plain Steel Angle Iron	22.36	7.61
			For >100 To 250, Deduct	-0.76	
			For >250 To 500, Deduct	-1.32	
			For >500 To 1,000, Deduct	-2.13	
			For >1,000, Deduct	-2.95	
			For 316 Stainless Steel, Add	39.07	
			For Galvanized Steel, Add	7.57	
			For Aluminum, Add	2.20	
			For 304 Stainless Steel, Add	34.80	
			For High Strength Steel (HSS), Add	4.47	
05 12 23 00-0482	LF		5" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron	23.49	7.92
			For >100 To 250, Deduct	-0.79	
			For >250 To 500, Deduct	-1.38	
			For >500 To 1,000, Deduct	-2.23	
			For >1,000, Deduct	-3.08	
			For 316 Stainless Steel, Add	41.34	
			For Galvanized Steel, Add	8.01	
			For Aluminum, Add	2.33	
			For 304 Stainless Steel, Add	36.82	
			For High Strength Steel (HSS), Add	4.70	
05 12 23 00-0483	LF		5" x 5" x 5/16" Thick, Plain Steel Angle Iron	26.34	8.26
			For >100 To 250, Deduct	-0.83	
			For >250 To 500, Deduct	-1.48	
			For >500 To 1,000, Deduct	-2.42	
			For >1,000, Deduct	-3.35	
			For 316 Stainless Steel, Add	49.06	
			For Galvanized Steel, Add	9.50	
			For Aluminum, Add	2.76	
			For 304 Stainless Steel, Add	43.69	
			For High Strength Steel (HSS), Add	5.27	



		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 00-0484	LF		6" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron	26.03	8.60
			For >100 To 250, Deduct	-0.66	
			For >250 To 500, Deduct	-1.51	
			For >500 To 1,000, Deduct	-2.45	
			For >1,000, Deduct	-3.39	
			For 316 Stainless Steel, Add	46.56	
			For Galvanized Steel, Add	9.02	
			For Aluminum, Add	2.62	
			For 304 Stainless Steel, Add	41.47	
			For High Strength Steel (HSS), Add	5.21	
05 12 23 00-0485			3/8" Thick (05 12 23 00-0423)		
05 12 23 00-0486	LF		3" x 2" x 3/8" Thick, Plain Steel Angle Iron	16.07	5.48
			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	28.03	
			For Galvanized Steel, Add	5.43	
			For Aluminum, Add	1.58	
			For 304 Stainless Steel, Add	24.97	
			For High Strength Steel (HSS), Add	3.21	
05 12 23 00-0487	LF		3" x 2-1/2" x 3/8" Thick, Plain Steel Angle Iron	17.75	5.94
			For >100 To 250, Deduct	-0.59	
			For >250 To 500, Deduct	-1.04	
			For >500 To 1,000, Deduct	-1.68	
			For >1,000, Deduct	-2.32	
			For 316 Stainless Steel, Add	31.46	
			For Galvanized Steel, Add	6.09	
			For Aluminum, Add	1.77	
			For 304 Stainless Steel, Add	28.02	
			For High Strength Steel (HSS), Add	3.55	
05 12 23 00-0488	LF		3" x 3" x 3/8" Thick, Plain Steel Angle Iron	19.22	6.40
			For >100 To 250, Deduct	-0.64	
			For >250 To 500, Deduct	-1.12	
			For >500 To 1,000, Deduct	-1.81	
			For >1,000, Deduct	-2.51	
			For 316 Stainless Steel, Add	34.21	
			For Galvanized Steel, Add	6.63	
			For Aluminum, Add	1.92	
			For 304 Stainless Steel, Add	30.47	
			For High Strength Steel (HSS), Add	3.84	
05 12 23 00-0489	LF		3-1/2" x 3" x 3/8" Thick, Plain Steel Angle Iron	20.52	6.58
			For >100 To 250, Deduct	-0.66	
			For >250 To 500, Deduct	-1.17	
			For >500 To 1,000, Deduct	-1.90	
			For >1,000, Deduct	-2.63	
			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	4.10	
05 12 23 00-0490	LF		3-1/2" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron	21.87	6.93
			For >100 To 250, Deduct	-0.69	
			For >250 To 500, Deduct	-1.24	
			For >500 To 1,000, Deduct	-2.02	
			For >1,000, Deduct	-2.80	
			For 316 Stainless Steel, Add	40.38	
			For Galvanized Steel, Add	7.82	
			For Aluminum, Add	2.27	
			For 304 Stainless Steel, Add	35.97	
			For High Strength Steel (HSS), Add	4.37	
05 12 23 00-0491	LF		4" x 3" x 3/8" Thick, Plain Steel Angle Iron	21.87	6.93
			For >100 To 250, Deduct	-0.69	
			For >250 To 500, Deduct	-1.24	
			For >500 To 1,000, Deduct	-2.02	
			For >1,000, Deduct	-2.80	
			For 316 Stainless Steel, Add	40.38	
			For Galvanized Steel, Add	7.82	
			For Aluminum, Add	2.27	
			For 304 Stainless Steel, Add	35.97	
			For High Strength Steel (HSS), Add	4.37	
05 12 23 00-0492	LF		4" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron	23.58	7.56
			For >100 To 250, Deduct	-0.76	
			For >250 To 500, Deduct	-1.34	
			For >500 To 1,000, Deduct	-2.19	
			For >1,000, Deduct	-3.03	
			For 316 Stainless Steel, Add	43.23	
			For Galvanized Steel, Add	8.38	
			For Aluminum, Add	2.43	
			For 304 Stainless Steel, Add	38.50	
			For High Strength Steel (HSS), Add	4.72	

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		4" x 4" x 3/8" Thick, Plain Steel Angle Iron.....	24.92	7.78
			For >100 To 250, Deduct	-0.78	
			For >250 To 500, Deduct	-1.40	
			For >500 To 1,000, Deduct	-2.28	
			For >1,000, Deduct	-3.17	
			For 316 Stainless Steel, Add	46.56	
			For Galvanized Steel, Add	9.02	
			For Aluminum, Add	2.62	
			For 304 Stainless Steel, Add	41.47	
			For High Strength Steel (HSS), Add	4.98	
05 12 23 00-0494	LF		5" x 3" x 3/8" Thick, Plain Steel Angle Iron.....	25.33	8.09
			For >100 To 250, Deduct	-0.81	
			For >250 To 500, Deduct	-1.44	
			For >500 To 1,000, Deduct	-2.34	
			For >1,000, Deduct	-3.25	
			For 316 Stainless Steel, Add	46.56	
			For Galvanized Steel, Add	9.02	
			For Aluminum, Add	2.62	
			For 304 Stainless Steel, Add	41.47	
			For High Strength Steel (HSS), Add	5.07	
05 12 23 00-0495	LF		5" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron	27.06	8.71
			For >100 To 250, Deduct	-0.87	
			For >250 To 500, Deduct	-1.55	
			For >500 To 1,000, Deduct	-2.52	
			For >1,000, Deduct	-3.48	
			For 316 Stainless Steel, Add	49.41	
			For Galvanized Steel, Add	9.57	
			For Aluminum, Add	2.78	
			For 304 Stainless Steel, Add	44.00	
			For High Strength Steel (HSS), Add	5.41	
05 12 23 00-0496	LF		5" x 5" x 3/8" Thick, Plain Steel Angle Iron.....	31.85	10.16
			For >100 To 250, Deduct	-1.02	
			For >250 To 500, Deduct	-1.81	
			For >500 To 1,000, Deduct	-2.95	
			For >1,000, Deduct	-4.08	
			For 316 Stainless Steel, Add	58.59	
			For Galvanized Steel, Add	11.35	
			For Aluminum, Add	3.30	
			For 304 Stainless Steel, Add	52.18	
			For High Strength Steel (HSS), Add	6.37	
05 12 23 00-0497	LF		6" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron	29.95	9.44
			For >100 To 250, Deduct	-0.94	
			For >250 To 500, Deduct	-1.69	
			For >500 To 1,000, Deduct	-2.76	
			For >1,000, Deduct	-3.82	
			For 316 Stainless Steel, Add	55.58	
			For Galvanized Steel, Add	10.77	
			For Aluminum, Add	3.13	
			For 304 Stainless Steel, Add	49.50	
			For High Strength Steel (HSS), Add	5.99	
05 12 23 00-0498	LF		6" x 4" x 3/8" Thick, Plain Steel Angle Iron.....	31.85	10.16
			For >100 To 250, Deduct	-1.02	
			For >250 To 500, Deduct	-1.81	
			For >500 To 1,000, Deduct	-2.95	
			For >1,000, Deduct	-4.08	
			For 316 Stainless Steel, Add	58.59	
			For Galvanized Steel, Add	11.35	
			For Aluminum, Add	3.30	
			For 304 Stainless Steel, Add	52.18	
			For High Strength Steel (HSS), Add	6.37	
05 12 23 00-0499	LF		6" x 6" x 3/8" Thick, Plain Steel Angle Iron.....	38.42	12.19
			For >100 To 250, Deduct	-1.22	
			For >250 To 500, Deduct	-2.18	
			For >500 To 1,000, Deduct	-3.55	
			For >1,000, Deduct	-4.91	
			For 316 Stainless Steel, Add	70.98	
			For Galvanized Steel, Add	13.75	
			For Aluminum, Add	3.99	
			For 304 Stainless Steel, Add	63.21	
			For High Strength Steel (HSS), Add	7.68	
05 12 23 00-0500	LF		7" x 4" x 3/8" Thick, Plain Steel Angle Iron.....	35.14	11.17
			For >100 To 250, Deduct	-1.12	
			For >250 To 500, Deduct	-2.00	
			For >500 To 1,000, Deduct	-3.25	
			For >1,000, Deduct	-4.50	
			For 316 Stainless Steel, Add	64.77	
			For Galvanized Steel, Add	12.55	
			For Aluminum, Add	3.64	
			For 304 Stainless Steel, Add	57.68	
			For High Strength Steel (HSS), Add	7.03	

05 12 23 00-0501 1/2" Thick (05 12 23 00-0423)



		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 00-0502	LF		3" x 3" x 1/2" Thick, Plain Steel Angle Iron	22.70	6.54
			For >100 To 250, Deduct	-0.65	
			For >250 To 500, Deduct	-1.22	
			For >500 To 1,000, Deduct	-2.01	
			For >1,000, Deduct	-2.79	
			For 316 Stainless Steel, Add	44.77	
			For Galvanized Steel, Add	8.67	
			For Aluminum, Add	2.52	
			For 304 Stainless Steel, Add	39.87	
			For High Strength Steel (HSS), Add	4.54	
05 12 23 00-0503	LF		4" x 3" x 1/2" Thick, Plain Steel Angle Iron	26.83	7.72
			For >100 To 250, Deduct	-0.77	
			For >250 To 500, Deduct	-1.44	
			For >500 To 1,000, Deduct	-2.37	
			For >1,000, Deduct	-3.30	
			For 316 Stainless Steel, Add	52.90	
			For Galvanized Steel, Add	10.25	
			For Aluminum, Add	2.98	
			For 304 Stainless Steel, Add	47.11	
			For High Strength Steel (HSS), Add	5.37	
05 12 23 00-0504	LF		4" x 3-1/2" x 1/2" Thick, Plain Steel Angle Iron	28.75	8.28
			For >100 To 250, Deduct	-0.83	
			For >250 To 500, Deduct	-1.55	
			For >500 To 1,000, Deduct	-2.54	
			For >1,000, Deduct	-3.54	
			For 316 Stainless Steel, Add	56.70	
			For Galvanized Steel, Add	10.99	
			For Aluminum, Add	3.19	
			For 304 Stainless Steel, Add	50.50	
			For High Strength Steel (HSS), Add	5.75	
05 12 23 00-0505	LF		4" x 4" x 1/2" Thick, Plain Steel Angle Iron	30.93	8.91
			For >100 To 250, Deduct	-0.89	
			For >250 To 500, Deduct	-1.66	
			For >500 To 1,000, Deduct	-2.73	
			For >1,000, Deduct	-3.80	
			For 316 Stainless Steel, Add	60.99	
			For Galvanized Steel, Add	11.82	
			For Aluminum, Add	3.43	
			For 304 Stainless Steel, Add	54.32	
			For High Strength Steel (HSS), Add	6.19	
05 12 23 00-0506	LF		5" x 3" x 1/2" Thick, Plain Steel Angle Iron	30.93	8.91
			For >100 To 250, Deduct	-0.89	
			For >250 To 500, Deduct	-1.66	
			For >500 To 1,000, Deduct	-2.73	
			For >1,000, Deduct	-3.80	
			For 316 Stainless Steel, Add	60.99	
			For Galvanized Steel, Add	11.82	
			For Aluminum, Add	3.43	
			For 304 Stainless Steel, Add	54.32	
			For High Strength Steel (HSS), Add	6.19	
05 12 23 00-0507	LF		5" x 3-1/2" x 1/2" Thick, Plain Steel Angle Iron	32.86	9.46
			For >100 To 250, Deduct	-0.95	
			For >250 To 500, Deduct	-1.77	
			For >500 To 1,000, Deduct	-2.90	
			For >1,000, Deduct	-4.04	
			For 316 Stainless Steel, Add	64.80	
			For Galvanized Steel, Add	12.56	
			For Aluminum, Add	3.65	
			For 304 Stainless Steel, Add	57.71	
			For High Strength Steel (HSS), Add	6.57	
05 12 23 00-0508	LF		5" x 5" x 1/2" Thick, Plain Steel Angle Iron	39.14	11.27
			For >100 To 250, Deduct	-1.13	
			For >250 To 500, Deduct	-2.11	
			For >500 To 1,000, Deduct	-3.46	
			For >1,000, Deduct	-4.81	
			For 316 Stainless Steel, Add	77.18	
			For Galvanized Steel, Add	14.95	
			For Aluminum, Add	4.34	
			For 304 Stainless Steel, Add	68.74	
			For High Strength Steel (HSS), Add	7.83	
05 12 23 00-0509	LF		6" x 4" x 1/2" Thick, Plain Steel Angle Iron	39.14	11.27
			For >100 To 250, Deduct	-1.13	
			For >250 To 500, Deduct	-2.11	
			For >500 To 1,000, Deduct	-3.46	
			For >1,000, Deduct	-4.81	
			For 316 Stainless Steel, Add	77.18	
			For Galvanized Steel, Add	14.95	
			For Aluminum, Add	4.34	
			For 304 Stainless Steel, Add	68.74	
			For High Strength Steel (HSS), Add	7.83	

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 00-0510	LF		6" x 6" x 1/2" Thick, Plain Steel Angle Iron.....	47.35	13.63
			For >100 To 250, Deduct	-1.36	
			For >250 To 500, Deduct	-2.55	
			For >500 To 1,000, Deduct	-4.19	
			For >1,000, Deduct	-5.82	
			For 316 Stainless Steel, Add	93.34	
			For Galvanized Steel, Add	18.09	
			For Aluminum, Add	5.25	
			For 304 Stainless Steel, Add	83.13	
			For High Strength Steel (HSS), Add	9.47	
05 12 23 00-0511	LF		7" x 4" x 1/2" Thick, Plain Steel Angle Iron.....	43.24	12.45
			For >100 To 250, Deduct	-1.25	
			For >250 To 500, Deduct	-2.33	
			For >500 To 1,000, Deduct	-3.82	
			For >1,000, Deduct	-5.32	
			For 316 Stainless Steel, Add	85.25	
			For Galvanized Steel, Add	16.52	
			For Aluminum, Add	4.80	
			For 304 Stainless Steel, Add	75.92	
			For High Strength Steel (HSS), Add	8.65	
05 12 23 00-0512	LF		8" x 4" x 1/2" Thick, Plain Steel Angle Iron.....	47.35	13.63
			For >100 To 250, Deduct	-1.36	
			For >250 To 500, Deduct	-2.55	
			For >500 To 1,000, Deduct	-4.19	
			For >1,000, Deduct	-5.82	
			For 316 Stainless Steel, Add	93.34	
			For Galvanized Steel, Add	18.09	
			For Aluminum, Add	5.25	
			For 304 Stainless Steel, Add	83.13	
			For High Strength Steel (HSS), Add	9.47	
05 12 23 00-0513	LF		8" x 6" x 1/2" Thick, Plain Steel Angle Iron.....	55.59	16.00
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.99	
			For >500 To 1,000, Deduct	-4.91	
			For >1,000, Deduct	-6.84	
			For 316 Stainless Steel, Add	109.60	
			For Galvanized Steel, Add	21.24	
			For Aluminum, Add	6.17	
			For 304 Stainless Steel, Add	97.61	
			For High Strength Steel (HSS), Add	11.12	
05 12 23 00-0514	LF		8" x 8" x 1/2" Thick, Plain Steel Angle Iron.....	63.79	18.37
			For >100 To 250, Deduct	-1.84	
			For >250 To 500, Deduct	-3.43	
			For >500 To 1,000, Deduct	-5.64	
			For >1,000, Deduct	-7.85	
			For 316 Stainless Steel, Add	125.76	
			For Galvanized Steel, Add	24.37	
			For Aluminum, Add	7.07	
			For 304 Stainless Steel, Add	112.01	
			For High Strength Steel (HSS), Add	12.76	
05 12 23 00-0515			5/8" Thick (05 12 23 00-0423)		
05 12 23 00-0516	LF		4" x 4" x 5/8" Thick, Plain Steel Angle Iron.....	36.98	10.21
			For >100 To 250, Deduct	-1.02	
			For >250 To 500, Deduct	-1.95	
			For >500 To 1,000, Deduct	-3.21	
			For >1,000, Deduct	-4.47	
			For 316 Stainless Steel, Add	74.78	
			For Galvanized Steel, Add	14.49	
			For Aluminum, Add	4.21	
			For High Strength Steel (HSS), Add	7.40	
05 12 23 00-0517	LF		5" x 3-1/2" x 5/8" Thick, Plain Steel Angle Iron	39.58	10.92
			For >100 To 250, Deduct	-1.09	
			For >250 To 500, Deduct	-2.08	
			For >500 To 1,000, Deduct	-3.44	
			For >1,000, Deduct	-4.79	
			For 316 Stainless Steel, Add	80.06	
			For Galvanized Steel, Add	15.51	
			For Aluminum, Add	4.50	
			For High Strength Steel (HSS), Add	7.92	
05 12 23 00-0518	LF		5" x 5" x 5/8" Thick, Plain Steel Angle Iron.....	47.11	13.01
			For >100 To 250, Deduct	-1.30	
			For >250 To 500, Deduct	-2.48	
			For >500 To 1,000, Deduct	-4.09	
			For >1,000, Deduct	-5.70	
			For 316 Stainless Steel, Add	95.26	
			For Galvanized Steel, Add	18.46	
			For Aluminum, Add	5.36	
			For High Strength Steel (HSS), Add	9.42	



	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 00-0519	LF		6" x 4" x 5/8" Thick, Plain Steel Angle Iron	47.11	13.01
			For >100 To 250, Deduct	-1.30	
			For >250 To 500, Deduct	-2.48	
			For >500 To 1,000, Deduct	-4.09	
			For >1,000, Deduct	-5.70	
			For 316 Stainless Steel, Add	95.26	
			For Galvanized Steel, Add	18.46	
			For Aluminum, Add	5.36	
			For High Strength Steel (HSS), Add	9.42	
05 12 23 00-0520	LF		6" x 6" x 5/8" Thick, Plain Steel Angle Iron	57.01	15.74
			For >100 To 250, Deduct	-1.57	
			For >250 To 500, Deduct	-3.00	
			For >500 To 1,000, Deduct	-4.95	
			For >1,000, Deduct	-6.90	
			For 316 Stainless Steel, Add	115.30	
			For Galvanized Steel, Add	22.34	
			For Aluminum, Add	6.49	
			For High Strength Steel (HSS), Add	11.40	
05 12 23 00-0521	LF		7" x 4" x 5/8" Thick, Plain Steel Angle Iron	52.05	14.37
			For >100 To 250, Deduct	-1.44	
			For >250 To 500, Deduct	-2.74	
			For >500 To 1,000, Deduct	-4.52	
			For >1,000, Deduct	-6.30	
			For 316 Stainless Steel, Add	105.28	
			For Galvanized Steel, Add	20.40	
			For Aluminum, Add	5.92	
			For High Strength Steel (HSS), Add	10.41	
05 12 23 00-0522	LF		8" x 6" x 5/8" Thick, Plain Steel Angle Iron	67.12	18.53
			For >100 To 250, Deduct	-1.85	
			For >250 To 500, Deduct	-3.53	
			For >500 To 1,000, Deduct	-5.83	
			For >1,000, Deduct	-8.12	
			For 316 Stainless Steel, Add	135.74	
			For Galvanized Steel, Add	26.30	
			For Aluminum, Add	7.64	
			For High Strength Steel (HSS), Add	13.42	
05 12 23 00-0523	LF		8" x 8" x 5/8" Thick, Plain Steel Angle Iron	77.02	21.26
			For >100 To 250, Deduct	-2.13	
			For >250 To 500, Deduct	-4.05	
			For >500 To 1,000, Deduct	-6.69	
			For >1,000, Deduct	-9.32	
			For 316 Stainless Steel, Add	155.78	
			For Galvanized Steel, Add	30.18	
			For Aluminum, Add	8.76	
			For High Strength Steel (HSS), Add	15.40	
05 12 23 00-0524			3/4" Thick (05 12 23 00-0423)		
05 12 23 00-0525	LF		4" x 4" x 3/4" Thick, Plain Steel Angle Iron	42.59	11.28
			For >100 To 250, Deduct	-1.13	
			For >250 To 500, Deduct	-2.19	
			For >500 To 1,000, Deduct	-3.63	
			For >1,000, Deduct	-5.07	
			For 316 Stainless Steel, Add	88.16	
			For Galvanized Steel, Add	17.08	
			For Aluminum, Add	4.96	
			For High Strength Steel (HSS), Add	8.52	
05 12 23 00-0526	LF		5" x 3-1/2" x 3/4" Thick, Plain Steel Angle Iron	45.56	12.07
			For >100 To 250, Deduct	-1.21	
			For >250 To 500, Deduct	-2.35	
			For >500 To 1,000, Deduct	-3.89	
			For >1,000, Deduct	-5.43	
			For 316 Stainless Steel, Add	94.30	
			For Galvanized Steel, Add	18.27	
			For Aluminum, Add	5.30	
			For High Strength Steel (HSS), Add	9.11	
05 12 23 00-0527	LF		5" x 5" x 3/4" Thick, Plain Steel Angle Iron	54.32	14.39
			For >100 To 250, Deduct	-1.44	
			For >250 To 500, Deduct	-2.80	
			For >500 To 1,000, Deduct	-4.63	
			For >1,000, Deduct	-6.47	
			For 316 Stainless Steel, Add	112.45	
			For Galvanized Steel, Add	21.79	
			For Aluminum, Add	6.33	
			For High Strength Steel (HSS), Add	10.86	
05 12 23 00-0528	LF		6" x 4" x 3/4" Thick, Plain Steel Angle Iron	54.32	14.39
			For >100 To 250, Deduct	-1.44	
			For >250 To 500, Deduct	-2.80	
			For >500 To 1,000, Deduct	-4.63	
			For >1,000, Deduct	-6.47	
			For 316 Stainless Steel, Add	112.45	
			For Galvanized Steel, Add	21.79	
			For Aluminum, Add	6.33	
			For High Strength Steel (HSS), Add	10.86	

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 00-0529	LF		6" x 6" x 3/4" Thick, Plain Steel Angle Iron.....	66.04	17.49
			For >100 To 250, Deduct	-1.75	
			For >250 To 500, Deduct	-3.40	
			For >500 To 1,000, Deduct	-5.63	
			For >1,000, Deduct	-7.87	
			For 316 Stainless Steel, Add	136.70	
			For Galvanized Steel, Add	26.49	
			For Aluminum, Add	7.69	
			For High Strength Steel (HSS), Add	13.21	
05 12 23 00-0530	LF		7" x 4" x 3/4" Thick, Plain Steel Angle Iron.....	60.29	15.97
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-3.10	
			For >500 To 1,000, Deduct	-5.14	
			For >1,000, Deduct	-7.18	
			For 316 Stainless Steel, Add	124.80	
			For Galvanized Steel, Add	24.18	
			For Aluminum, Add	7.02	
			For High Strength Steel (HSS), Add	12.06	
05 12 23 00-0531	LF		8" x 4" x 3/4" Thick, Plain Steel Angle Iron.....	66.04	17.49
			For >100 To 250, Deduct	-1.75	
			For >250 To 500, Deduct	-3.40	
			For >500 To 1,000, Deduct	-5.63	
			For >1,000, Deduct	-7.87	
			For 316 Stainless Steel, Add	136.70	
			For Galvanized Steel, Add	26.49	
			For Aluminum, Add	7.69	
			For High Strength Steel (HSS), Add	13.21	
05 12 23 00-0532	LF		8" x 6" x 3/4" Thick, Plain Steel Angle Iron.....	77.79	20.59
			For >100 To 250, Deduct	-2.06	
			For >250 To 500, Deduct	-4.00	
			For >500 To 1,000, Deduct	-6.64	
			For >1,000, Deduct	-9.27	
			For 316 Stainless Steel, Add	161.06	
			For Galvanized Steel, Add	31.20	
			For Aluminum, Add	9.06	
			For High Strength Steel (HSS), Add	15.56	
05 12 23 00-0533	LF		8" x 8" x 3/4" Thick, Plain Steel Angle Iron.....	89.52	23.71
			For >100 To 250, Deduct	-2.37	
			For >250 To 500, Deduct	-4.61	
			For >500 To 1,000, Deduct	-7.64	
			For >1,000, Deduct	-10.67	
			For 316 Stainless Steel, Add	185.31	
			For Galvanized Steel, Add	35.90	
			For Aluminum, Add	10.42	
			For High Strength Steel (HSS), Add	17.90	
05 12 23 00-0534			7/8" Thick (05 12 23 00-0423)		
05 12 23 00-0535	LF		5" x 5" x 7/8" Thick, Plain Steel Angle Iron.....	61.11	15.47
			For >100 To 250, Deduct	-1.55	
			For >250 To 500, Deduct	-3.08	
			For >500 To 1,000, Deduct	-5.12	
			For >1,000, Deduct	-7.16	
			For 316 Stainless Steel, Add	129.54	
			For Galvanized Steel, Add	25.10	
			For Aluminum, Add	7.29	
			For High Strength Steel (HSS), Add	12.22	
05 12 23 00-0536	LF		6" x 4" x 7/8" Thick, Plain Steel Angle Iron.....	61.11	15.47
			For >100 To 250, Deduct	-1.55	
			For >250 To 500, Deduct	-3.08	
			For >500 To 1,000, Deduct	-5.12	
			For >1,000, Deduct	-7.16	
			For 316 Stainless Steel, Add	129.54	
			For Galvanized Steel, Add	25.10	
			For Aluminum, Add	7.29	
			For High Strength Steel (HSS), Add	12.22	
05 12 23 00-0537	LF		6" x 6" x 7/8" Thick, Plain Steel Angle Iron.....	74.39	18.83
			For >100 To 250, Deduct	-1.88	
			For >250 To 500, Deduct	-3.74	
			For >500 To 1,000, Deduct	-6.23	
			For >1,000, Deduct	-8.72	
			For 316 Stainless Steel, Add	157.70	
			For Galvanized Steel, Add	30.55	
			For Aluminum, Add	8.87	
			For High Strength Steel (HSS), Add	14.88	
05 12 23 00-0538	LF		8" x 6" x 7/8" Thick, Plain Steel Angle Iron.....	87.87	22.24
			For >100 To 250, Deduct	-2.22	
			For >250 To 500, Deduct	-4.42	
			For >500 To 1,000, Deduct	-7.36	
			For >1,000, Deduct	-10.30	
			For 316 Stainless Steel, Add	186.27	
			For Galvanized Steel, Add	36.09	
			For Aluminum, Add	10.48	
			For High Strength Steel (HSS), Add	17.57	



	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 00-0539	LF		8" x 8" x 7/8" Thick, Plain Steel Angle Iron	101.11	25.60
			For >100 To 250, Deduct	-2.56	
			For >250 To 500, Deduct	-5.09	
			For >500 To 1,000, Deduct	-8.47	
			For >1,000, Deduct	-11.85	
			For 316 Stainless Steel, Add	214.34	
			For Galvanized Steel, Add	41.53	
			For Aluminum, Add	12.06	
			For High Strength Steel (HSS), Add	20.22	
05 12 23 00-0540			Bar Channel (05 12 23 00-0422)		
05 12 23 00-0541	LF		1" x 1/2" x 1/8" Thick Bar Channel	5.04	
			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	
			For High Strength Steel (HSS), Add	1.01	
05 12 23 00-0542	LF		1-1/4" x 1/2" x 1/8" Thick Bar Channel	5.66	
			For 316 Stainless Steel, Add	6.21	
			For Galvanized Steel, Add	1.20	
			For Aluminum, Add	0.35	
			For 304 Stainless Steel, Add	5.53	
			For High Strength Steel (HSS), Add	1.13	
05 12 23 00-0543	LF		1-1/2" x 1/2" x 1/8" Thick Bar Channel	6.17	
			For 316 Stainless Steel, Add	6.88	
			For Galvanized Steel, Add	1.33	
			For Aluminum, Add	0.39	
			For 304 Stainless Steel, Add	6.13	
			For High Strength Steel (HSS), Add	1.23	
05 12 23 00-0544	LF		1-1/2" x 3/4" x 1/8" Thick Bar Channel	7.05	
			For 316 Stainless Steel, Add	7.17	
			For Galvanized Steel, Add	1.39	
			For Aluminum, Add	0.40	
			For 304 Stainless Steel, Add	6.38	
			For High Strength Steel (HSS), Add	1.41	
05 12 23 00-0545	LF		2" x 1/2" x 1/8" Thick Bar Channel	7.55	
			For 316 Stainless Steel, Add	8.77	
			For Galvanized Steel, Add	1.70	
			For Aluminum, Add	0.49	
			For 304 Stainless Steel, Add	7.81	
05 12 23 00-0546	LF		2" x 1" x 1/8" Thick Bar Channel	9.93	
			For 316 Stainless Steel, Add	9.79	
			For Galvanized Steel, Add	1.90	
			For Aluminum, Add	0.55	
			For 304 Stainless Steel, Add	8.72	
05 12 23 00-0547			Channels - C (05 12 23 00-0422)		
05 12 23 00-0548	LF		C2 x 1.78 - 2" Wide Channel	8.25	4.24
			For >100 To 250, Deduct	-0.42	
			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	8.32	
			For Galvanized Steel, Add	1.61	
			For Aluminum, Add	0.47	
			For 304 Stainless Steel, Add	7.41	
05 12 23 00-0549	LF		C3 x 4.1 - 3" Wide Channel	14.23	6.09
			For >100 To 250, Deduct	-0.61	
			For >250 To 500, Deduct	-0.97	
			For >500 To 1,000, Deduct	-1.52	
			For >1,000, Deduct	-2.08	
			For 316 Stainless Steel, Add	19.52	
			For Galvanized Steel, Add	3.78	
			For Aluminum, Add	1.10	
			For 304 Stainless Steel, Add	17.39	
05 12 23 00-0550	LF		C3 x 5 - 3" Wide Channel	17.35	7.44
			For >100 To 250, Deduct	-0.74	
			For >250 To 500, Deduct	-1.18	
			For >500 To 1,000, Deduct	-1.86	
			For >1,000, Deduct	-2.54	
			For 316 Stainless Steel, Add	23.81	
			For Galvanized Steel, Add	4.61	
			For Aluminum, Add	1.34	
			For 304 Stainless Steel, Add	21.20	
05 12 23 00-0551	LF		C3 x 6 - 3" Wide Channel	20.83	8.92
			For >100 To 250, Deduct	-0.89	
			For >250 To 500, Deduct	-1.41	
			For >500 To 1,000, Deduct	-2.23	
			For >1,000, Deduct	-3.05	
			For 316 Stainless Steel, Add	28.58	
			For Galvanized Steel, Add	5.54	
			For Aluminum, Add	1.61	
			For 304 Stainless Steel, Add	25.45	

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 00-0552	LF		C4 x 5.4 - 4" Wide Channel.....	17.79	7.31
			For >100 To 250, Deduct	-0.73	
			For >250 To 500, Deduct	-1.18	
			For >500 To 1,000, Deduct	-1.86	
			For >1,000, Deduct	-2.55	
			For 316 Stainless Steel, Add	25.73	
			For Galvanized Steel, Add	4.98	
			For Aluminum, Add	1.45	
			For 304 Stainless Steel, Add	22.91	
05 12 23 00-0553	LF		C4 x 7.25 - 4" Wide Channel.....	23.88	9.81
			For >100 To 250, Deduct	-0.98	
			For >250 To 500, Deduct	-1.58	
			For >500 To 1,000, Deduct	-2.50	
			For >1,000, Deduct	-3.43	
			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 00-0554	LF		C5 x 6.7 - 5" Wide Channel.....	21.34	8.52
			For >100 To 250, Deduct	-0.85	
			For >250 To 500, Deduct	-1.39	
			For >500 To 1,000, Deduct	-2.20	
			For >1,000, Deduct	-3.02	
			For 316 Stainless Steel, Add	31.90	
			For Galvanized Steel, Add	6.18	
			For Aluminum, Add	1.79	
			For 304 Stainless Steel, Add	28.41	
05 12 23 00-0555	LF		C5 x 9 - 5" Wide Channel.....	28.67	11.46
			For >100 To 250, Deduct	-1.15	
			For >250 To 500, Deduct	-1.86	
			For >500 To 1,000, Deduct	-2.96	
			For >1,000, Deduct	-4.06	
			For 316 Stainless Steel, Add	42.88	
			For Galvanized Steel, Add	8.31	
			For Aluminum, Add	2.41	
			For 304 Stainless Steel, Add	38.19	
05 12 23 00-0556	LF		C6 x 8.2 - 6" Wide Channel.....	25.86	10.24
			For >100 To 250, Deduct	-1.02	
			For >250 To 500, Deduct	-1.67	
			For >500 To 1,000, Deduct	-2.66	
			For >1,000, Deduct	-3.65	
			For 316 Stainless Steel, Add	39.07	
			For Galvanized Steel, Add	7.57	
			For Aluminum, Add	2.20	
			For 304 Stainless Steel, Add	34.80	
05 12 23 00-0557	LF		C6 x 10.5 - 6" Wide Channel.....	33.11	13.11
			For >100 To 250, Deduct	-1.31	
			For >250 To 500, Deduct	-2.14	
			For >500 To 1,000, Deduct	-3.40	
			For >1,000, Deduct	-4.67	
			For 316 Stainless Steel, Add	50.02	
			For Galvanized Steel, Add	9.69	
			For Aluminum, Add	2.81	
			For 304 Stainless Steel, Add	44.55	
05 12 23 00-0558	LF		C6 x 13 - 6" Wide Channel.....	41.00	16.23
			For >100 To 250, Deduct	-1.62	
			For >250 To 500, Deduct	-2.65	
			For >500 To 1,000, Deduct	-4.22	
			For >1,000, Deduct	-5.78	
			For 316 Stainless Steel, Add	61.92	
			For Galvanized Steel, Add	12.00	
			For Aluminum, Add	3.48	
			For 304 Stainless Steel, Add	55.15	
05 12 23 00-0559	LF		C7 x 9.8 - 7" Wide Channel.....	30.84	12.19
			For >100 To 250, Deduct	-1.22	
			For >250 To 500, Deduct	-1.99	
			For >500 To 1,000, Deduct	-3.17	
			For >1,000, Deduct	-4.34	
			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 00-0560	LF		C7 x 12.25 - 7" Wide Channel.....	38.54	15.23
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-2.49	
			For >500 To 1,000, Deduct	-3.96	
			For >1,000, Deduct	-5.43	
			For 316 Stainless Steel, Add	58.34	
			For Galvanized Steel, Add	11.30	
			For Aluminum, Add	3.28	
			For 304 Stainless Steel, Add	51.96	



	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 00-0561	LF		C7 x 14.75 - 7" Wide Channel	46.41	18.35
			For >100 To 250, Deduct	-1.83	
			For >250 To 500, Deduct	-2.99	
			For >500 To 1,000, Deduct	-4.77	
			For >1,000, Deduct	-6.54	
			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 00-0562	LF		C8 x 11.5 - 8" Wide Channel	35.00	13.41
			For >100 To 250, Deduct	-1.34	
			For >250 To 500, Deduct	-2.22	
			For >500 To 1,000, Deduct	-3.54	
			For >1,000, Deduct	-4.86	
			For 316 Stainless Steel, Add	54.78	
			For Galvanized Steel, Add	10.61	
			For Aluminum, Add	3.08	
			For 304 Stainless Steel, Add	48.79	
05 12 23 00-0563	LF		C8 x 13.75 - 8" Wide Channel	41.85	16.04
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.65	
			For >500 To 1,000, Deduct	-4.23	
			For >1,000, Deduct	-5.81	
			For 316 Stainless Steel, Add	65.50	
			For Galvanized Steel, Add	12.69	
			For Aluminum, Add	3.68	
			For 304 Stainless Steel, Add	58.34	
05 12 23 00-0564	LF		C8 x 18.75 - 8" Wide Channel	57.06	21.86
			For >100 To 250, Deduct	-2.19	
			For >250 To 500, Deduct	-3.61	
			For >500 To 1,000, Deduct	-5.77	
			For >1,000, Deduct	-7.92	
			For 316 Stainless Steel, Add	89.31	
			For Galvanized Steel, Add	17.30	
			For Aluminum, Add	5.02	
			For 304 Stainless Steel, Add	79.54	
05 12 23 00-0565	LF		C9 x 13.4 - 9" Wide Channel	40.78	15.63
			For >100 To 250, Deduct	-1.56	
			For >250 To 500, Deduct	-2.58	
			For >500 To 1,000, Deduct	-4.12	
			For >1,000, Deduct	-5.66	
			For 316 Stainless Steel, Add	63.84	
			For Galvanized Steel, Add	12.37	
			For Aluminum, Add	3.59	
			For 304 Stainless Steel, Add	56.86	
05 12 23 00-0566	LF		C9 x 15 - 9" Wide Channel	45.64	17.49
			For >100 To 250, Deduct	-1.75	
			For >250 To 500, Deduct	-2.89	
			For >500 To 1,000, Deduct	-4.61	
			For >1,000, Deduct	-6.34	
			For 316 Stainless Steel, Add	71.46	
			For Galvanized Steel, Add	13.84	
			For Aluminum, Add	4.02	
			For 304 Stainless Steel, Add	63.64	
05 12 23 00-0567	LF		C9 x 20 - 9" Wide Channel	60.87	23.31
			For >100 To 250, Deduct	-2.33	
			For >250 To 500, Deduct	-3.85	
			For >500 To 1,000, Deduct	-6.15	
			For >1,000, Deduct	-8.45	
			For 316 Stainless Steel, Add	95.26	
			For Galvanized Steel, Add	18.46	
			For Aluminum, Add	5.36	
			For 304 Stainless Steel, Add	84.84	
05 12 23 00-0568	LF		C10 x 15.3 - 10" Wide Channel	46.56	17.83
			For >100 To 250, Deduct	-1.78	
			For >250 To 500, Deduct	-2.95	
			For >500 To 1,000, Deduct	-4.71	
			For >1,000, Deduct	-6.47	
			For 316 Stainless Steel, Add	72.86	
			For Galvanized Steel, Add	14.12	
			For Aluminum, Add	4.10	
			For 304 Stainless Steel, Add	64.89	
05 12 23 00-0569	LF		C10 x 20 - 10" Wide Channel	60.87	23.31
			For >100 To 250, Deduct	-2.33	
			For >250 To 500, Deduct	-3.85	
			For >500 To 1,000, Deduct	-6.15	
			For >1,000, Deduct	-8.45	
			For 316 Stainless Steel, Add	95.26	
			For Galvanized Steel, Add	18.46	
			For Aluminum, Add	5.36	
			For 304 Stainless Steel, Add	84.84	

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 00-0570	LF		C10 x 25 - 10" Wide Channel.....	76.08	29.15
			For >100 To 250, Deduct	-2.92	
			For >250 To 500, Deduct	-4.82	
			For >500 To 1,000, Deduct	-7.69	
			For >1,000, Deduct	-10.56	
			For 316 Stainless Steel, Add	119.07	
			For Galvanized Steel, Add	23.07	
			For Aluminum, Add	6.70	
			For 304 Stainless Steel, Add	106.05	
05 12 23 00-0571	LF		C10 x 30 - 10" Wide Channel.....	91.29	34.98
			For >100 To 250, Deduct	-3.50	
			For >250 To 500, Deduct	-5.78	
			For >500 To 1,000, Deduct	-9.23	
			For >1,000, Deduct	-12.68	
			For 316 Stainless Steel, Add	142.88	
			For Galvanized Steel, Add	27.68	
			For Aluminum, Add	8.04	
			For 304 Stainless Steel, Add	127.25	
05 12 23 00-0572	LF		C12 x 20.7 - 12" Wide Channel.....	62.99	24.14
			For >100 To 250, Deduct	-2.41	
			For >250 To 500, Deduct	-3.99	
			For >500 To 1,000, Deduct	-6.37	
			For >1,000, Deduct	-8.75	
			For 316 Stainless Steel, Add	98.59	
			For Galvanized Steel, Add	19.10	
			For Aluminum, Add	5.55	
			For 304 Stainless Steel, Add	87.81	
05 12 23 00-0573	LF		C12 x 25 - 12" Wide Channel.....	76.08	29.15
			For >100 To 250, Deduct	-2.92	
			For >250 To 500, Deduct	-4.82	
			For >500 To 1,000, Deduct	-7.69	
			For >1,000, Deduct	-10.56	
			For 316 Stainless Steel, Add	119.07	
			For Galvanized Steel, Add	23.07	
			For Aluminum, Add	6.70	
			For 304 Stainless Steel, Add	106.05	
05 12 23 00-0574	LF		C12 x 30 - 12" Wide Channel.....	91.29	34.98
			For >100 To 250, Deduct	-3.50	
			For >250 To 500, Deduct	-5.78	
			For >500 To 1,000, Deduct	-9.23	
			For >1,000, Deduct	-12.68	
			For 316 Stainless Steel, Add	142.88	
			For Galvanized Steel, Add	27.68	
			For Aluminum, Add	8.04	
			For 304 Stainless Steel, Add	127.25	
05 12 23 00-0575	LF		C15 x 33.9 - 15" Wide Channel.....	103.16	39.52
			For >100 To 250, Deduct	-3.95	
			For >250 To 500, Deduct	-6.53	
			For >500 To 1,000, Deduct	-10.43	
			For >1,000, Deduct	-14.32	
			For 316 Stainless Steel, Add	161.47	
			For Galvanized Steel, Add	31.29	
			For Aluminum, Add	9.08	
			For 304 Stainless Steel, Add	143.81	
05 12 23 00-0576	LF		C15 x 40 - 15" Wide Channel.....	121.72	46.64
			For >100 To 250, Deduct	-4.66	
			For >250 To 500, Deduct	-7.71	
			For >500 To 1,000, Deduct	-12.30	
			For >1,000, Deduct	-16.90	
			For 316 Stainless Steel, Add	190.53	
			For Galvanized Steel, Add	36.91	
			For Aluminum, Add	10.72	
			For 304 Stainless Steel, Add	169.69	
05 12 23 00-0577	LF		C15 x 50 - 15" Wide Channel.....	152.15	58.29
			For >100 To 250, Deduct	-5.83	
			For >250 To 500, Deduct	-9.63	
			For >500 To 1,000, Deduct	-15.38	
			For >1,000, Deduct	-21.13	
			For 316 Stainless Steel, Add	238.14	
			For Galvanized Steel, Add	46.14	
			For Aluminum, Add	13.40	
			For 304 Stainless Steel, Add	212.10	
05 12 23 00-0578			Miscellaneous Channels - MC (05 12 23 00-0422)		
05 12 23 00-0579	LF		MC6 x 12 - 6" Wide Channel.....	37.84	14.98
			For >100 To 250, Deduct	-1.50	
			For >250 To 500, Deduct	-2.44	
			For >500 To 1,000, Deduct	-3.89	
			For >1,000, Deduct	-5.34	
			For 316 Stainless Steel, Add	57.15	
			For Galvanized Steel, Add	11.07	
			For Aluminum, Add	3.21	
			For 304 Stainless Steel, Add	50.90	



	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 00-0580	LF		MC6 x 15.1 - 6" Wide Channel	47.62	18.85
			For >100 To 250, Deduct	-1.69	
			For >250 To 500, Deduct	-3.08	
			For >500 To 1,000, Deduct	-4.90	
			For >1,000, Deduct	-6.71	
			For 316 Stainless Steel, Add	71.94	
			For Galvanized Steel, Add	13.94	
			For Aluminum, Add	4.05	
			For 304 Stainless Steel, Add	64.07	
05 12 23 00-0581	LF		MC6 x 15.3 - 6" Wide Channel	48.24	19.10
			For >100 To 250, Deduct	-1.91	
			For >250 To 500, Deduct	-3.12	
			For >500 To 1,000, Deduct	-4.96	
			For >1,000, Deduct	-6.80	
			For 316 Stainless Steel, Add	72.86	
			For Galvanized Steel, Add	14.12	
			For Aluminum, Add	4.10	
			For 304 Stainless Steel, Add	64.89	
05 12 23 00-0582	LF		MC6 x 16.3 - 6" Wide Channel	51.40	20.35
			For >100 To 250, Deduct	-2.04	
			For >250 To 500, Deduct	-3.32	
			For >500 To 1,000, Deduct	-5.28	
			For >1,000, Deduct	-7.25	
			For 316 Stainless Steel, Add	77.63	
			For Galvanized Steel, Add	15.04	
			For Aluminum, Add	4.37	
			For 304 Stainless Steel, Add	69.14	
05 12 23 00-0583	LF		MC6 x 18 - 6" Wide Channel	56.76	22.47
			For >100 To 250, Deduct	-2.25	
			For >250 To 500, Deduct	-3.67	
			For >500 To 1,000, Deduct	-5.84	
			For >1,000, Deduct	-8.00	
			For 316 Stainless Steel, Add	85.73	
			For Galvanized Steel, Add	16.61	
			For Aluminum, Add	4.82	
			For 304 Stainless Steel, Add	76.35	
05 12 23 00-0584	LF		MC7 x 17.6 - 7" Wide Channel	55.39	21.89
			For >100 To 250, Deduct	-2.19	
			For >250 To 500, Deduct	-3.57	
			For >500 To 1,000, Deduct	-5.69	
			For >1,000, Deduct	-7.80	
			For 316 Stainless Steel, Add	83.84	
			For Galvanized Steel, Add	16.24	
			For Aluminum, Add	4.72	
			For 304 Stainless Steel, Add	74.67	
05 12 23 00-0585	LF		MC7 x 19.1 - 7" Wide Channel	60.12	23.76
			For >100 To 250, Deduct	-2.38	
			For >250 To 500, Deduct	-3.88	
			For >500 To 1,000, Deduct	-6.18	
			For >1,000, Deduct	-8.47	
			For 316 Stainless Steel, Add	90.98	
			For Galvanized Steel, Add	17.63	
			For Aluminum, Add	5.12	
			For 304 Stainless Steel, Add	81.03	
05 12 23 00-0586	LF		MC7 x 22.7 - 7" Wide Channel	71.44	28.24
			For >100 To 250, Deduct	-2.82	
			For >250 To 500, Deduct	-4.61	
			For >500 To 1,000, Deduct	-7.34	
			For >1,000, Deduct	-10.06	
			For 316 Stainless Steel, Add	108.13	
			For Galvanized Steel, Add	20.95	
			For Aluminum, Add	6.08	
			For 304 Stainless Steel, Add	96.30	
05 12 23 00-0587	LF		MC8 x 8.5 - 8" Wide Channel	25.87	9.91
			For >100 To 250, Deduct	-0.99	
			For >250 To 500, Deduct	-1.64	
			For >500 To 1,000, Deduct	-2.62	
			For >1,000, Deduct	-3.59	
			For 316 Stainless Steel, Add	40.48	
			For Galvanized Steel, Add	7.84	
			For Aluminum, Add	2.28	
			For 304 Stainless Steel, Add	36.05	
05 12 23 00-0588	LF		MC8 x 18.7 - 8" Wide Channel	56.90	21.80
			For >100 To 250, Deduct	-2.18	
			For >250 To 500, Deduct	-3.60	
			For >500 To 1,000, Deduct	-5.75	
			For >1,000, Deduct	-7.90	
			For 316 Stainless Steel, Add	89.06	
			For Galvanized Steel, Add	17.25	
			For Aluminum, Add	5.01	
			For 304 Stainless Steel, Add	79.32	

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 00-0589	LF		MC8 x 20 - 8" Wide Channel.....	60.87	23.31
			For >100 To 250, Deduct	-2.33	
			For >250 To 500, Deduct	-3.85	
			For >500 To 1,000, Deduct	-6.15	
			For >1,000, Deduct	-8.45	
			For 316 Stainless Steel, Add	95.26	
			For Galvanized Steel, Add	18.46	
			For Aluminum, Add	5.36	
			For 304 Stainless Steel, Add	84.84	
05 12 23 00-0590	LF		MC8 x 21.4 - 8" Wide Channel.....	65.13	24.96
			For >100 To 250, Deduct	-2.50	
			For >250 To 500, Deduct	-4.12	
			For >500 To 1,000, Deduct	-6.58	
			For >1,000, Deduct	-9.04	
			For 316 Stainless Steel, Add	101.92	
			For Galvanized Steel, Add	19.75	
			For Aluminum, Add	5.73	
			For 304 Stainless Steel, Add	90.77	
05 12 23 00-0591	LF		MC8 x 22.8 - 8" Wide Channel.....	69.38	26.59
			For >100 To 250, Deduct	-2.66	
			For >250 To 500, Deduct	-4.39	
			For >500 To 1,000, Deduct	-7.01	
			For >1,000, Deduct	-9.63	
			For 316 Stainless Steel, Add	108.61	
			For Galvanized Steel, Add	21.04	
			For Aluminum, Add	6.11	
			For 304 Stainless Steel, Add	96.73	
05 12 23 00-0592	LF		MC9 x 23.9 - 9" Wide Channel.....	72.73	27.87
			For >100 To 250, Deduct	-2.79	
			For >250 To 500, Deduct	-4.61	
			For >500 To 1,000, Deduct	-7.35	
			For >1,000, Deduct	-10.10	
			For 316 Stainless Steel, Add	113.82	
			For Galvanized Steel, Add	22.05	
			For Aluminum, Add	6.40	
			For 304 Stainless Steel, Add	101.37	
05 12 23 00-0593	LF		MC9 x 25.4 - 9" Wide Channel.....	77.29	29.61
			For >100 To 250, Deduct	-2.96	
			For >250 To 500, Deduct	-4.89	
			For >500 To 1,000, Deduct	-7.81	
			For >1,000, Deduct	-10.73	
			For 316 Stainless Steel, Add	120.99	
			For Galvanized Steel, Add	23.44	
			For Aluminum, Add	6.81	
			For 304 Stainless Steel, Add	107.76	
05 12 23 00-0594	LF		MC10 x 6.5 - 10" Wide Channel.....	19.78	7.58
			For >100 To 250, Deduct	-0.76	
			For >250 To 500, Deduct	-1.25	
			For >500 To 1,000, Deduct	-2.00	
			For >1,000, Deduct	-2.75	
			For 316 Stainless Steel, Add	30.94	
			For Galvanized Steel, Add	6.00	
			For Aluminum, Add	1.74	
			For 304 Stainless Steel, Add	27.56	
05 12 23 00-0595	LF		MC10 x 8.4 - 10" Wide Channel.....	25.56	9.79
			For >100 To 250, Deduct	-0.98	
			For >250 To 500, Deduct	-1.62	
			For >500 To 1,000, Deduct	-2.58	
			For >1,000, Deduct	-3.55	
			For 316 Stainless Steel, Add	40.00	
			For Galvanized Steel, Add	7.75	
			For Aluminum, Add	2.25	
			For 304 Stainless Steel, Add	35.63	
05 12 23 00-0596	LF		MC10 x 21.9 - 10" Wide Channel.....	66.64	25.54
			For >100 To 250, Deduct	-2.55	
			For >250 To 500, Deduct	-4.22	
			For >500 To 1,000, Deduct	-6.74	
			For >1,000, Deduct	-9.25	
			For 316 Stainless Steel, Add	104.32	
			For Galvanized Steel, Add	20.21	
			For Aluminum, Add	5.87	
			For 304 Stainless Steel, Add	92.91	
05 12 23 00-0597	LF		MC10 x 24.9 - 10" Wide Channel.....	75.78	29.04
			For >100 To 250, Deduct	-2.90	
			For >250 To 500, Deduct	-4.80	
			For >500 To 1,000, Deduct	-7.66	
			For >1,000, Deduct	-10.52	
			For 316 Stainless Steel, Add	118.59	
			For Galvanized Steel, Add	22.98	
			For Aluminum, Add	6.67	
			For 304 Stainless Steel, Add	105.62	



	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 00-0598	LF		MC10 x 25.3 - 10" Wide Channel	76.99	29.50
			For >100 To 250, Deduct	-2.95	
			For >250 To 500, Deduct	-4.67	
			For >500 To 1,000, Deduct	-7.78	
			For >1,000, Deduct	-10.69	
			For 316 Stainless Steel, Add	120.51	
			For Galvanized Steel, Add	23.35	
			For Aluminum, Add	6.78	
			For 304 Stainless Steel, Add	107.33	
05 12 23 00-0599	LF		MC10 x 28.3 - 10" Wide Channel	86.12	32.99
			For >100 To 250, Deduct	-3.30	
			For >250 To 500, Deduct	-5.45	
			For >500 To 1,000, Deduct	-8.71	
			For >1,000, Deduct	-11.96	
			For 316 Stainless Steel, Add	134.78	
			For Galvanized Steel, Add	26.11	
			For Aluminum, Add	7.58	
			For 304 Stainless Steel, Add	120.04	
05 12 23 00-0600	LF		MC10 x 28.5 - 10" Wide Channel	86.73	33.23
			For >100 To 250, Deduct	-3.32	
			For >250 To 500, Deduct	-5.49	
			For >500 To 1,000, Deduct	-8.77	
			For >1,000, Deduct	-12.04	
			For 316 Stainless Steel, Add	135.74	
			For Galvanized Steel, Add	26.30	
			For Aluminum, Add	7.64	
			For 304 Stainless Steel, Add	120.90	
05 12 23 00-0601	LF		MC10 x 33.6 - 10" Wide Channel	102.25	39.18
			For >100 To 250, Deduct	-3.92	
			For >250 To 500, Deduct	-6.47	
			For >500 To 1,000, Deduct	-10.34	
			For >1,000, Deduct	-14.20	
			For 316 Stainless Steel, Add	160.03	
			For Galvanized Steel, Add	31.01	
			For Aluminum, Add	9.00	
			For 304 Stainless Steel, Add	142.53	
05 12 23 00-0602	LF		MC10 x 41.1 - 10" Wide Channel	125.07	47.93
			For >100 To 250, Deduct	-4.79	
			For >250 To 500, Deduct	-7.92	
			For >500 To 1,000, Deduct	-12.64	
			For >1,000, Deduct	-17.37	
			For 316 Stainless Steel, Add	195.78	
			For Galvanized Steel, Add	37.93	
			For Aluminum, Add	11.01	
			For 304 Stainless Steel, Add	174.36	
05 12 23 00-0603	LF		MC12 x 30.9 - 12" Wide Channel	94.04	36.03
			For >100 To 250, Deduct	-3.60	
			For >250 To 500, Deduct	-5.95	
			For >500 To 1,000, Deduct	-9.51	
			For >1,000, Deduct	-13.06	
			For 316 Stainless Steel, Add	147.17	
			For Galvanized Steel, Add	28.51	
			For Aluminum, Add	8.28	
			For 304 Stainless Steel, Add	131.07	
05 12 23 00-0604	LF		MC12 x 32.9 - 12" Wide Channel	100.12	38.35
			For >100 To 250, Deduct	-3.84	
			For >250 To 500, Deduct	-6.34	
			For >500 To 1,000, Deduct	-10.12	
			For >1,000, Deduct	-13.90	
			For 316 Stainless Steel, Add	156.70	
			For Galvanized Steel, Add	30.36	
			For Aluminum, Add	8.81	
			For 304 Stainless Steel, Add	139.56	
05 12 23 00-0605	LF		MC12 x 35 - 12" Wide Channel	106.51	40.80
			For >100 To 250, Deduct	-4.08	
			For >250 To 500, Deduct	-6.74	
			For >500 To 1,000, Deduct	-10.77	
			For >1,000, Deduct	-14.79	
			For 316 Stainless Steel, Add	166.72	
			For Galvanized Steel, Add	32.30	
			For Aluminum, Add	9.38	
			For 304 Stainless Steel, Add	148.49	
05 12 23 00-0606	LF		MC12 x 37 - 12" Wide Channel	112.60	43.14
			For >100 To 250, Deduct	-4.31	
			For >250 To 500, Deduct	-7.13	
			For >500 To 1,000, Deduct	-11.38	
			For >1,000, Deduct	-15.64	
			For 316 Stainless Steel, Add	176.22	
			For Galvanized Steel, Add	34.14	
			For Aluminum, Add	9.91	
			For 304 Stainless Steel, Add	156.95	

05	05	Metals
	05 10	Structural Metal Framing
	05 12	Structural Steel Framing



MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
05 12 23 00-0607	LF	MC12 x 40 - 12" Wide Channel.....	121.72	46.64
		For >100 To 250, Deduct	-4.66	
		For >250 To 500, Deduct	-7.71	
		For >500 To 1,000, Deduct	-12.30	
		For >1,000, Deduct	-16.90	
		For 316 Stainless Steel, Add	190.53	
		For Galvanized Steel, Add	36.91	
		For Aluminum, Add	10.72	
		For 304 Stainless Steel, Add	169.69	
05 12 23 00-0608	LF	MC12 x 45 - 12" Wide Channel.....	136.94	52.47
		For >100 To 250, Deduct	-5.25	
		For >250 To 500, Deduct	-8.67	
		For >500 To 1,000, Deduct	-13.84	
		For >1,000, Deduct	-19.02	
		For 316 Stainless Steel, Add	214.34	
		For Galvanized Steel, Add	41.53	
		For Aluminum, Add	12.06	
		For 304 Stainless Steel, Add	190.89	
05 12 23 00-0609	LF	MC12 x 50 - 12" Wide Channel.....	152.15	58.30
		For >100 To 250, Deduct	-5.83	
		For >250 To 500, Deduct	-9.63	
		For >500 To 1,000, Deduct	-15.38	
		For >1,000, Deduct	-21.13	
		For 316 Stainless Steel, Add	238.14	
		For Galvanized Steel, Add	46.14	
		For Aluminum, Add	13.40	
		For 304 Stainless Steel, Add	212.10	
05 12 23 00-0610	LF	MC13 x 31.8 - 13" Wide Channel.....	96.77	37.08
		For >100 To 250, Deduct	-3.71	
		For >250 To 500, Deduct	-6.13	
		For >500 To 1,000, Deduct	-9.78	
		For >1,000, Deduct	-13.44	
		For 316 Stainless Steel, Add	151.46	
		For Galvanized Steel, Add	29.34	
		For Aluminum, Add	8.52	
		For 304 Stainless Steel, Add	134.89	
05 12 23 00-0611	LF	MC13 x 35 - 13" Wide Channel.....	106.51	40.80
		For >100 To 250, Deduct	-4.08	
		For >250 To 500, Deduct	-6.74	
		For >500 To 1,000, Deduct	-10.77	
		For >1,000, Deduct	-14.79	
		For 316 Stainless Steel, Add	166.72	
		For Galvanized Steel, Add	32.30	
		For Aluminum, Add	9.38	
		For 304 Stainless Steel, Add	148.49	
05 12 23 00-0612	LF	MC13 x 40 - 13" Wide Channel.....	121.72	46.64
		For >100 To 250, Deduct	-4.66	
		For >250 To 500, Deduct	-7.71	
		For >500 To 1,000, Deduct	-12.30	
		For >1,000, Deduct	-16.90	
		For 316 Stainless Steel, Add	190.53	
		For Galvanized Steel, Add	36.91	
		For Aluminum, Add	10.72	
		For 304 Stainless Steel, Add	169.69	
05 12 23 00-0613	LF	MC13 x 50 - 13" Wide Channel.....	152.15	58.30
		For >100 To 250, Deduct	-5.83	
		For >250 To 500, Deduct	-9.63	
		For >500 To 1,000, Deduct	-15.38	
		For >1,000, Deduct	-21.13	
		For 316 Stainless Steel, Add	238.14	
		For Galvanized Steel, Add	46.14	
		For Aluminum, Add	13.40	
		For 304 Stainless Steel, Add	212.10	
05 12 23 00-0614	LF	MC18 x 42.7 - 18" Wide Channel.....	129.94	49.79
		For >100 To 250, Deduct	-4.98	
		For >250 To 500, Deduct	-8.23	
		For >500 To 1,000, Deduct	-13.14	
		For >1,000, Deduct	-18.04	
		For 316 Stainless Steel, Add	203.39	
		For Galvanized Steel, Add	39.41	
		For Aluminum, Add	11.44	
		For 304 Stainless Steel, Add	181.15	
05 12 23 00-0615	LF	MC18 x 45.8 - 18" Wide Channel.....	139.37	53.41
		For >100 To 250, Deduct	-5.34	
		For >250 To 500, Deduct	-8.82	
		For >500 To 1,000, Deduct	-14.09	
		For >1,000, Deduct	-19.35	
		For 316 Stainless Steel, Add	218.14	
		For Galvanized Steel, Add	42.27	
		For Aluminum, Add	12.27	
		For 304 Stainless Steel, Add	194.28	



	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 00-0616	LF		MC18 x 51.9 - 18" Wide Channel	157.94	60.51
			For >100 To 250, Deduct	-6.05	
			For >250 To 500, Deduct	-10.00	
			For >500 To 1,000, Deduct	-15.97	
			For >1,000, Deduct	-21.93	
			For 316 Stainless Steel, Add	247.20	
			For Galvanized Steel, Add	47.90	
			For Aluminum, Add	13.91	
			For 304 Stainless Steel, Add	220.16	
05 12 23 00-0617	LF		MC18 x 58 - 18" Wide Channel	176.50	67.62
			For >100 To 250, Deduct	-6.76	
			For >250 To 500, Deduct	-11.18	
			For >500 To 1,000, Deduct	-17.84	
			For >1,000, Deduct	-24.51	
			For 316 Stainless Steel, Add	276.26	
			For Galvanized Steel, Add	53.52	
			For Aluminum, Add	15.54	
			For 304 Stainless Steel, Add	246.04	
05 12 23 00-0618			Structural Bar Tees (05 12 23 00-0422)		
05 12 23 00-0619	LF		3/4" x 3/4" x 1/8" Structural Bar Tee	5.33	3.10
			For >100 To 250, Deduct	-0.31	
			For >250 To 500, Deduct	-0.44	
			For >500 To 1,000, Deduct	-0.68	
			For >1,000, Deduct	-0.92	
			For 316 Stainless Steel, Add	3.84	
			For Galvanized Steel, Add	0.74	
			For Aluminum, Add	0.22	
			For 304 Stainless Steel, Add	3.42	
05 12 23 00-0620	LF		1" x 1" x 1/8" Structural Bar Tee	6.53	3.66
			For >100 To 250, Deduct	-0.37	
			For >250 To 500, Deduct	-0.53	
			For >500 To 1,000, Deduct	-0.81	
			For >1,000, Deduct	-1.10	
			For 316 Stainless Steel, Add	5.28	
			For Galvanized Steel, Add	1.02	
			For Aluminum, Add	0.30	
			For 304 Stainless Steel, Add	4.70	
05 12 23 00-0621	LF		1-1/2" x 1-1/2" x 1/4" Structural Bar Tee	10.35	4.22
			For >100 To 250, Deduct	-0.42	
			For >250 To 500, Deduct	-0.68	
			For >500 To 1,000, Deduct	-1.08	
			For >1,000, Deduct	-1.48	
			For 316 Stainless Steel, Add	15.10	
			For Galvanized Steel, Add	2.93	
			For Aluminum, Add	0.85	
			For 304 Stainless Steel, Add	13.45	
05 12 23 00-0622	LF		2" x 2" x 1/4" Structural Bar Tee	14.39	5.52
			For >100 To 250, Deduct	-0.55	
			For >250 To 500, Deduct	-0.91	
			For >500 To 1,000, Deduct	-1.46	
			For >1,000, Deduct	-2.00	
			For 316 Stainless Steel, Add	22.50	
			For Galvanized Steel, Add	4.36	
			For Aluminum, Add	1.27	
			For 304 Stainless Steel, Add	20.04	
05 12 23 00-0623	LF		2-1/2" x 2-1/2" x 3/8" Structural Bar Tee	21.51	6.66
			For >100 To 250, Deduct	-0.67	
			For >250 To 500, Deduct	-1.20	
			For >500 To 1,000, Deduct	-1.96	
			For >1,000, Deduct	-2.72	
			For 316 Stainless Steel, Add	40.38	
			For Galvanized Steel, Add	7.82	
			For Aluminum, Add	2.27	
			For 304 Stainless Steel, Add	35.97	
05 12 23 00-0624	LF		3" x 3" x 3/8" Structural Bar Tee	26.52	8.53
			For >100 To 250, Deduct	-0.85	
			For >250 To 500, Deduct	-1.52	
			For >500 To 1,000, Deduct	-2.46	
			For >1,000, Deduct	-3.41	
			For 316 Stainless Steel, Add	48.48	
			For Galvanized Steel, Add	9.39	
			For Aluminum, Add	2.73	
			For 304 Stainless Steel, Add	43.18	

05 12 23 00-0625 **Structural Zees** (05 12 23 00-0422)

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 00-0626	LF		1-1/4" x 1-3/4" x 1-3/4" x 3/16" Structural Zee.....	12.67	4.22
			For >100 To 250, Deduct	-0.42	
			For >250 To 500, Deduct	-0.74	
			For >500 To 1,000, Deduct	-1.20	
			For >1,000, Deduct	-1.65	
			For 316 Stainless Steel, Add	22.53	
			For Galvanized Steel, Add	4.36	
			For Aluminum, Add	1.27	
			For 304 Stainless Steel, Add	20.06	
05 12 23 00-0627	LF		2-11/16" x 3" x 2-11/16" x 1/4" Structural Zee.....	23.56	5.04
			For >100 To 250, Deduct	-0.50	
			For >250 To 500, Deduct	-1.09	
			For >500 To 1,000, Deduct	-1.85	
			For >1,000, Deduct	-2.61	
			For 316 Stainless Steel, Add	53.89	
			For Galvanized Steel, Add	10.44	
			For Aluminum, Add	3.03	
			For 304 Stainless Steel, Add	47.99	
05 12 23 00-0628	LF		3-1/16" x 4" x 3-1/16" x 1/4" Structural Zee.....	28.20	5.69
			For >100 To 250, Deduct	-0.57	
			For >250 To 500, Deduct	-1.27	
			For >500 To 1,000, Deduct	-2.17	
			For >1,000, Deduct	-3.06	
			For 316 Stainless Steel, Add	65.95	
			For Galvanized Steel, Add	12.78	
			For Aluminum, Add	3.71	
			For 304 Stainless Steel, Add	58.74	
05 12 23 00-0629	LF		3-1/4" x 5" x 3-1/4" x 5/16" Structural Zee.....	37.81	6.50
			For >100 To 250, Deduct	-0.65	
			For >250 To 500, Deduct	-1.59	
			For >500 To 1,000, Deduct	-2.76	
			For >1,000, Deduct	-3.92	
			For 316 Stainless Steel, Add	93.28	
			For Galvanized Steel, Add	18.07	
			For Aluminum, Add	5.25	
			For 304 Stainless Steel, Add	83.08	
05 12 23 00-0630	LF		3-1/2" x 6" x 3-1/2" x 3/8" Structural Zee.....	48.89	7.07
			For >100 To 250, Deduct	-0.71	
			For >250 To 500, Deduct	-1.93	
			For >500 To 1,000, Deduct	-3.39	
			For >1,000, Deduct	-4.85	
			For 316 Stainless Steel, Add	126.27	
			For Galvanized Steel, Add	24.47	
			For Aluminum, Add	7.10	
			For 304 Stainless Steel, Add	112.46	
05 12 23 00-0631			Junior I-Beams (05 12 23 00-0422)		
05 12 23 00-0632	LF		3" Junior I-Beam, 2.9 LB/LF.....	17.41	6.10
			For >100 To 250, Deduct	-0.61	
			For >250 To 500, Deduct	-1.05	
			For >500 To 1,000, Deduct	-1.68	
			For >1,000, Deduct	-2.32	
			For 316 Stainless Steel, Add	29.70	
			For Galvanized Steel, Add	5.75	
			For Aluminum, Add	1.67	
			For 304 Stainless Steel, Add	26.45	
05 12 23 00-0633	LF		4" Junior I-Beam, 3.2 LB/LF.....	19.13	6.66
			For >100 To 250, Deduct	-0.67	
			For >250 To 500, Deduct	-1.15	
			For >500 To 1,000, Deduct	-1.85	
			For >1,000, Deduct	-2.55	
			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 00-0634	LF		5" Junior I-Beam, 3.8 LB/LF.....	21.90	7.31
			For >100 To 250, Deduct	-0.73	
			For >250 To 500, Deduct	-1.28	
			For >500 To 1,000, Deduct	-2.07	
			For >1,000, Deduct	-2.86	
			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	
05 12 23 00-0635	LF		6" Junior I-Beam, 4.4 LB/LF.....	24.69	7.96
			For >100 To 250, Deduct	-0.80	
			For >250 To 500, Deduct	-1.41	
			For >500 To 1,000, Deduct	-2.30	
			For >1,000, Deduct	-3.18	
			For 316 Stainless Steel, Add	45.02	
			For Galvanized Steel, Add	8.72	
			For Aluminum, Add	2.53	
			For 304 Stainless Steel, Add	40.10	



	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 00-0636	LF	7" Junior I-Beam, 5.5 LB/LF	.....	28.96	8.53
		For >100 To 250, Deduct	.....	-0.85	
		For >250 To 500, Deduct	.....	-1.58	
		For >500 To 1,000, Deduct	.....	-2.59	
		For >1,000, Deduct	.....	-3.59	
		For 316 Stainless Steel, Add	.....	56.29	
		For Galvanized Steel, Add	.....	10.91	
		For Aluminum, Add	.....	3.17	
		For 304 Stainless Steel, Add	.....	50.13	
05 12 23 00-0637	LF	8" Junior I-Beam, 6.5 LB/LF	.....	32.92	9.10
		For >100 To 250, Deduct	.....	-0.91	
		For >250 To 500, Deduct	.....	-1.73	
		For >500 To 1,000, Deduct	.....	-2.86	
		For >1,000, Deduct	.....	-3.99	
		For 316 Stainless Steel, Add	.....	66.53	
		For Galvanized Steel, Add	.....	12.89	
		For Aluminum, Add	.....	3.74	
		For 304 Stainless Steel, Add	.....	59.25	
05 12 23 00-0638	LF	10" Junior I-Beam, 9 LB/LF	.....	42.66	10.40
		For >100 To 250, Deduct	.....	-1.04	
		For >250 To 500, Deduct	.....	-2.11	
		For >500 To 1,000, Deduct	.....	-3.52	
		For >1,000, Deduct	.....	-4.93	
		For 316 Stainless Steel, Add	.....	92.13	
		For Galvanized Steel, Add	.....	17.85	
		For Aluminum, Add	.....	5.18	
		For 304 Stainless Steel, Add	.....	82.05	
05 12 23 00-0639	LF	12" Junior I-Beam, 11.8 LB/LF	.....	54.21	12.35
		For >100 To 250, Deduct	.....	-1.24	
		For >250 To 500, Deduct	.....	-2.59	
		For >500 To 1,000, Deduct	.....	-4.36	
		For >1,000, Deduct	.....	-6.12	
		For 316 Stainless Steel, Add	.....	120.77	
		For Galvanized Steel, Add	.....	23.40	
		For Aluminum, Add	.....	6.79	
		For 304 Stainless Steel, Add	.....	107.56	
05 12 23 00-0640		Round Stock (05 12 23 00-0422)			
05 12 23 00-0641	LF	1/4" Carbon Steel Rounds, ASTM A108	.....	2.62	
		For 316 Stainless Steel, Add	.....	4.90	
		For Galvanized Steel, Add	.....	0.95	
		For Aluminum, Add	.....	0.28	
		For 304 Stainless Steel, Add	.....	4.36	
05 12 23 00-0642	LF	3/8" Carbon Steel Rounds, ASTM A108	.....	4.25	
		For 316 Stainless Steel, Add	.....	9.66	
		For Galvanized Steel, Add	.....	1.87	
		For Aluminum, Add	.....	0.54	
		For 304 Stainless Steel, Add	.....	8.61	
05 12 23 00-0643	LF	1/2" Carbon Steel Rounds, ASTM A108	.....	5.94	
		For 316 Stainless Steel, Add	.....	14.69	
		For Galvanized Steel, Add	.....	2.85	
		For Aluminum, Add	.....	0.83	
		For 304 Stainless Steel, Add	.....	13.08	
05 12 23 00-0644	LF	5/8" Carbon Steel Rounds, ASTM A108	.....	9.16	
		For 316 Stainless Steel, Add	.....	24.51	
		For Galvanized Steel, Add	.....	4.75	
		For Aluminum, Add	.....	1.38	
		For 304 Stainless Steel, Add	.....	21.83	
05 12 23 00-0645	LF	3/4" Carbon Steel Rounds, ASTM A108	.....	10.89	
		For 316 Stainless Steel, Add	.....	29.09	
		For Galvanized Steel, Add	.....	5.64	
		For Aluminum, Add	.....	1.64	
		For 304 Stainless Steel, Add	.....	25.91	
05 12 23 00-0646	LF	7/8" Carbon Steel Rounds, ASTM A108	.....	12.72	
		For 316 Stainless Steel, Add	.....	34.02	
		For Galvanized Steel, Add	.....	6.59	
		For Aluminum, Add	.....	1.91	
		For 304 Stainless Steel, Add	.....	30.30	
05 12 23 00-0647	LF	1" Carbon Steel Rounds, ASTM A108	.....	18.65	
		For 316 Stainless Steel, Add	.....	51.81	
		For Galvanized Steel, Add	.....	10.04	
		For Aluminum, Add	.....	2.91	
		For 304 Stainless Steel, Add	.....	46.14	
05 12 23 00-0648	LF	1-1/8" Carbon Steel Rounds, ASTM A108	.....	22.68	
		For 316 Stainless Steel, Add	.....	62.94	
		For Galvanized Steel, Add	.....	12.20	
		For Aluminum, Add	.....	3.54	
		For 304 Stainless Steel, Add	.....	56.06	
05 12 23 00-0649	LF	1-1/4" Carbon Steel Rounds, ASTM A108	.....	27.02	
		For 316 Stainless Steel, Add	.....	74.08	
		For Galvanized Steel, Add	.....	14.35	
		For Aluminum, Add	.....	4.17	
		For 304 Stainless Steel, Add	.....	65.98	

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 00-0650	LF		1-3/8" Carbon Steel Rounds, ASTM A108.....	32.77	
			For 316 Stainless Steel, Add	90.43	
			For Galvanized Steel, Add	17.52	
			For Aluminum, Add	5.09	
			For 304 Stainless Steel, Add	80.54	
05 12 23 00-0651	LF		1-1/2" Carbon Steel Rounds, ASTM A108.....	36.41	
			For 316 Stainless Steel, Add	99.17	
			For Galvanized Steel, Add	19.21	
			For Aluminum, Add	5.58	
			For 304 Stainless Steel, Add	88.32	
05 12 23 00-0652	LF		1-5/8" Carbon Steel Rounds, ASTM A108.....	41.89	
			For 316 Stainless Steel, Add	112.38	
			For Galvanized Steel, Add	21.77	
			For Aluminum, Add	6.32	
			For 304 Stainless Steel, Add	100.09	
05 12 23 00-0653	LF		1-3/4" Carbon Steel Rounds, ASTM A108.....	49.91	
			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 00-0654	LF		1-7/8" Carbon Steel Rounds, ASTM A108.....	59.80	
			For 316 Stainless Steel, Add	153.22	
			For Galvanized Steel, Add	29.69	
			For Aluminum, Add	8.62	
			For 304 Stainless Steel, Add	136.46	
05 12 23 00-0655	LF		2" Carbon Steel Rounds, ASTM A108.....	67.99	
			For 316 Stainless Steel, Add	170.43	
			For Galvanized Steel, Add	33.02	
			For Aluminum, Add	9.59	
			For 304 Stainless Steel, Add	151.79	
05 12 23 00-0656	LF		2-1/8" Carbon Steel Rounds, ASTM A108.....	79.13	
			For 316 Stainless Steel, Add	194.66	
			For Galvanized Steel, Add	37.71	
			For Aluminum, Add	10.95	
			For 304 Stainless Steel, Add	173.37	
05 12 23 00-0657	LF		2-1/4" Carbon Steel Rounds, ASTM A108.....	89.42	
			For 316 Stainless Steel, Add	218.85	
			For Galvanized Steel, Add	42.40	
			For Aluminum, Add	12.31	
			For 304 Stainless Steel, Add	194.91	
05 12 23 00-0658	LF		2-3/8" Carbon Steel Rounds, ASTM A108.....	102.42	
			For 316 Stainless Steel, Add	250.34	
			For Galvanized Steel, Add	48.50	
			For Aluminum, Add	14.08	
			For 304 Stainless Steel, Add	222.96	
05 12 23 00-0659	LF		2-1/2" Carbon Steel Rounds, ASTM A108.....	112.71	
			For 316 Stainless Steel, Add	269.79	
			For Galvanized Steel, Add	52.27	
			For Aluminum, Add	15.18	
			For 304 Stainless Steel, Add	240.28	
05 12 23 00-0660	LF		2-5/8" Carbon Steel Rounds, ASTM A108.....	138.64	
			For 316 Stainless Steel, Add	342.69	
			For Galvanized Steel, Add	66.40	
			For Aluminum, Add	19.28	
			For 304 Stainless Steel, Add	305.21	
05 12 23 00-0661	LF		2-3/4" Carbon Steel Rounds, ASTM A108.....	157.89	
			For 316 Stainless Steel, Add	390.78	
			For Galvanized Steel, Add	75.71	
			For Aluminum, Add	21.98	
			For 304 Stainless Steel, Add	348.04	
05 12 23 00-0662	LF		2-7/8" Carbon Steel Rounds, ASTM A108.....	176.06	
			For 316 Stainless Steel, Add	435.49	
			For Galvanized Steel, Add	84.38	
			For Aluminum, Add	24.50	
			For 304 Stainless Steel, Add	387.86	
05 12 23 00-0663	LF		3" Carbon Steel Rounds, ASTM A108.....	184.35	
			For 316 Stainless Steel, Add	448.54	
			For Galvanized Steel, Add	86.91	
			For Aluminum, Add	25.23	
			For 304 Stainless Steel, Add	399.48	
05 12 23 00-0664	LF		3-1/8" Carbon Steel Rounds, ASTM A108.....	191.67	
			For 316 Stainless Steel, Add	458.50	
			For Galvanized Steel, Add	88.83	
			For Aluminum, Add	25.79	
			For 304 Stainless Steel, Add	408.35	
05 12 23 00-0665	LF		3-1/4" Carbon Steel Rounds, ASTM A108.....	201.71	
			For 316 Stainless Steel, Add	477.18	
			For Galvanized Steel, Add	92.45	
			For Aluminum, Add	26.84	
			For 304 Stainless Steel, Add	424.99	
05 12 23 00-0666	LF		3-1/2" Carbon Steel Rounds, ASTM A108.....	247.07	
			For 316 Stainless Steel, Add	605.47	
			For Galvanized Steel, Add	117.31	
			For Aluminum, Add	34.06	
			For 304 Stainless Steel, Add	539.25	



			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 00-0667	LF		3-5/8" Carbon Steel Rounds, ASTM A108.....	274.78	
			For 316 Stainless Steel, Add	677.34	
			For Galvanized Steel, Add	131.24	
			For Aluminum, Add	38.10	
			For 304 Stainless Steel, Add	603.26	
05 12 23 00-0668	LF		3-3/4" Carbon Steel Rounds, ASTM A108.....	294.80	
			For 316 Stainless Steel, Add	724.54	
			For Galvanized Steel, Add	140.38	
			For Aluminum, Add	40.76	
			For 304 Stainless Steel, Add	645.30	
05 12 23 00-0669	LF		4" Carbon Steel Rounds, ASTM A108.....	331.42	
			For 316 Stainless Steel, Add	824.93	
			For Galvanized Steel, Add	159.83	
			For Aluminum, Add	46.40	
			For 304 Stainless Steel, Add	734.70	
05 12 23 00-0670			Square Stock (05 12 23 00-0422)		
05 12 23 00-0671	LF		3/8" Square Bar Stock.....	1.94	
			For 316 Stainless Steel, Add	2.27	
			For Galvanized Steel, Add	0.44	
			For Aluminum, Add	0.13	
			For 304 Stainless Steel, Add	2.02	
05 12 23 00-0672	LF		1/2" Square Bar Stock.....	2.61	
			For 316 Stainless Steel, Add	4.03	
			For Galvanized Steel, Add	0.78	
			For Aluminum, Add	0.23	
			For 304 Stainless Steel, Add	3.59	
05 12 23 00-0673	LF		5/8" Square Bar Stock.....	3.46	
			For 316 Stainless Steel, Add	6.27	
			For Galvanized Steel, Add	1.22	
			For Aluminum, Add	0.35	
			For 304 Stainless Steel, Add	5.59	
05 12 23 00-0674	LF		3/4" Square Bar Stock.....	4.63	
			For 316 Stainless Steel, Add	9.06	
			For Galvanized Steel, Add	1.75	
			For Aluminum, Add	0.51	
			For 304 Stainless Steel, Add	8.07	
05 12 23 00-0675	LF		7/8" Square Bar Stock.....	6.04	
			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	
05 12 23 00-0676	LF		1" Square Bar Stock.....	7.51	
			For 316 Stainless Steel, Add	16.16	
			For Galvanized Steel, Add	3.13	
			For Aluminum, Add	0.91	
			For 304 Stainless Steel, Add	14.39	
05 12 23 00-0677	LF		1-1/4" Square Bar Stock.....	11.75	
			For 316 Stainless Steel, Add	25.22	
			For Galvanized Steel, Add	4.89	
			For Aluminum, Add	1.42	
			For 304 Stainless Steel, Add	22.46	
05 12 23 00-0678	LF		1-1/2" Square Bar Stock.....	16.77	
			For 316 Stainless Steel, Add	36.32	
			For Galvanized Steel, Add	7.04	
			For Aluminum, Add	2.04	
			For 304 Stainless Steel, Add	32.35	
05 12 23 00-0679	LF		1-3/4" Square Bar Stock.....	24.82	
			For 316 Stainless Steel, Add	50.53	
			For Galvanized Steel, Add	9.79	
			For Aluminum, Add	2.84	
			For 304 Stainless Steel, Add	45.00	
05 12 23 00-0680	LF		2" Square Bar Stock.....	35.37	
			For 316 Stainless Steel, Add	64.64	
			For Galvanized Steel, Add	12.52	
			For Aluminum, Add	3.64	
			For 304 Stainless Steel, Add	57.57	
05 12 23 00-0681			Steel Tubing (05 12 23 00-0422)		
			Note: General purpose low-carbon steel.		
05 12 23 00-0682			Square Steel Tubing (05 12 23 00-0681)		
05 12 23 00-0683			0.06" Wall Thickness (05 12 23 00-0682)		
05 12 23 00-0684	LF		1/2" x 1/2" x 0.06" Square Steel Tubing.....	2.64	0.58
			For >100 To 250, Deduct	-0.06	
			For >250 To 500, Deduct	-0.12	
			For >500 To 1,000, Deduct	-0.21	
			For >1,000, Deduct	-0.30	
			For 316 Stainless Steel, Add	5.95	
			For Galvanized Steel, Add	1.15	
			For Aluminum, Add	0.33	
			For 304 Stainless Steel, Add	5.30	

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 00-0685	LF	3/4" x 3/4" x 0.06" Square Steel Tubing	.....	4.05	0.92
		For >100 To 250, Deduct	.....	-0.09	
		For >250 To 500, Deduct	.....	-0.19	
		For >500 To 1,000, Deduct	.....	-0.32	
		For >1,000, Deduct	.....	-0.46	
		For 316 Stainless Steel, Add	.....	9.06	
		For Galvanized Steel, Add	.....	1.75	
		For Aluminum, Add	.....	0.51	
		For 304 Stainless Steel, Add	.....	8.07	
05 12 23 00-0686	LF	1" x 1" x 0.06" Square Steel Tubing	.....	5.44	1.66
		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	.....	-0.62	
		For 316 Stainless Steel, Add	.....	12.10	
		For Galvanized Steel, Add	.....	2.34	
		For Aluminum, Add	.....	0.68	
		For 304 Stainless Steel, Add	.....	10.77	
05 12 23 00-0687	LF	1-1/4" x 1-1/4" x 0.06" Square Steel Tubing	.....	7.20	1.58
		For >100 To 250, Deduct	.....	-0.16	
		For >250 To 500, Deduct	.....	-0.34	
		For >500 To 1,000, Deduct	.....	-0.57	
		For >1,000, Deduct	.....	-0.80	
		For 316 Stainless Steel, Add	.....	16.29	
		For Galvanized Steel, Add	.....	3.16	
		For Aluminum, Add	.....	0.92	
		For 304 Stainless Steel, Add	.....	14.51	
05 12 23 00-0688	LF	1-1/2" x 1-1/2" x 0.06" Square Steel Tubing	.....	8.53	1.91
		For >100 To 250, Deduct	.....	-0.19	
		For >250 To 500, Deduct	.....	-0.40	
		For >500 To 1,000, Deduct	.....	-0.68	
		For >1,000, Deduct	.....	-0.96	
		For 316 Stainless Steel, Add	.....	19.14	
		For Galvanized Steel, Add	.....	3.71	
		For Aluminum, Add	.....	1.08	
		For 304 Stainless Steel, Add	.....	17.04	
05 12 23 00-0689		0.083" Wall Thickness (05 12 23 00-0692)			
05 12 23 00-0690	LF	3/4" x 3/4" x 0.083" Square Steel Tubing	.....	4.71	1.07
		For >100 To 250, Deduct	.....	-0.11	
		For >250 To 500, Deduct	.....	-0.23	
		For >500 To 1,000, Deduct	.....	-0.38	
		For >1,000, Deduct	.....	-0.53	
		For 316 Stainless Steel, Add	.....	10.50	
		For Galvanized Steel, Add	.....	2.03	
		For Aluminum, Add	.....	0.59	
		For 304 Stainless Steel, Add	.....	9.35	
05 12 23 00-0691	LF	1" x 1" x 0.083" Square Steel Tubing	.....	6.86	1.47
		For >100 To 250, Deduct	.....	-0.15	
		For >250 To 500, Deduct	.....	-0.32	
		For >500 To 1,000, Deduct	.....	-0.54	
		For >1,000, Deduct	.....	-0.76	
		For 316 Stainless Steel, Add	.....	15.68	
		For Galvanized Steel, Add	.....	3.04	
		For Aluminum, Add	.....	0.88	
		For 304 Stainless Steel, Add	.....	13.97	
05 12 23 00-0692	LF	1-1/4" x 1-1/4" x 0.083" Square Steel Tubing	.....	8.29	1.87
		For >100 To 250, Deduct	.....	-0.19	
		For >250 To 500, Deduct	.....	-0.39	
		For >500 To 1,000, Deduct	.....	-0.66	
		For >1,000, Deduct	.....	-0.93	
		For 316 Stainless Steel, Add	.....	18.53	
		For Galvanized Steel, Add	.....	3.59	
		For Aluminum, Add	.....	1.04	
		For 304 Stainless Steel, Add	.....	16.50	
05 12 23 00-0693	LF	1-1/2" x 1-1/2" x 0.083" Square Steel Tubing	.....	10.02	2.28
		For >100 To 250, Deduct	.....	-0.23	
		For >250 To 500, Deduct	.....	-0.48	
		For >500 To 1,000, Deduct	.....	-0.80	
		For >1,000, Deduct	.....	-1.13	
		For 316 Stainless Steel, Add	.....	22.37	
		For Galvanized Steel, Add	.....	4.33	
		For Aluminum, Add	.....	1.26	
		For 304 Stainless Steel, Add	.....	19.92	
05 12 23 00-0694	LF	2" x 2" x 0.083" Square Steel Tubing	.....	12.84	3.03
		For >100 To 250, Deduct	.....	-0.30	
		For >250 To 500, Deduct	.....	-0.62	
		For >500 To 1,000, Deduct	.....	-1.05	
		For >1,000, Deduct	.....	-1.47	
		For 316 Stainless Steel, Add	.....	28.13	
		For Galvanized Steel, Add	.....	5.45	
		For Aluminum, Add	.....	1.58	
		For 304 Stainless Steel, Add	.....	25.05	



			Metals	05	05
			Structural Metal Framing	05 10	
			Structural Steel Framing	05 12	

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST	UNIT COST	UNIT COST
05 12 23 00-0695 0.12" Wall Thickness (05 12 23 00-0682)					
05 12 23 00-0696	LF 1" x 1" x 0.12" Square Steel Tubing.....	7.57		1.75	
	For >100 To 250, Deduct	-0.78			
	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	16.74			
	For Galvanized Steel, Add	3.24			
	For Aluminum, Add	0.94			
	For 304 Stainless Steel, Add	14.91			
05 12 23 00-0697	LF 1-1/4" x 1-1/4" x 0.12" Square Steel Tubing	9.75		2.25	
	For >100 To 250, Deduct	-0.23			
	For >250 To 500, Deduct	-0.47			
	For >500 To 1,000, Deduct	-0.79			
	For >1,000, Deduct	-1.11			
	For 316 Stainless Steel, Add	21.60			
	For Galvanized Steel, Add	4.19			
	For Aluminum, Add	1.22			
	For 304 Stainless Steel, Add	19.24			
05 12 23 00-0698	LF 1-1/2" x 1-1/2" x 0.12" Square Steel Tubing	11.97		2.75	
	For >100 To 250, Deduct	-0.28			
	For >250 To 500, Deduct	-0.57			
	For >500 To 1,000, Deduct	-0.97			
	For >1,000, Deduct	-1.36			
	For 316 Stainless Steel, Add	26.56			
	For Galvanized Steel, Add	5.15			
	For Aluminum, Add	1.49			
	For 304 Stainless Steel, Add	23.66			
05 12 23 00-0699	LF 2" x 2" x 0.12" Square Steel Tubing.....	16.19		3.75	
	For >100 To 250, Deduct	-0.37			
	For >250 To 500, Deduct	-0.78			
	For >500 To 1,000, Deduct	-1.31			
	For >1,000, Deduct	-1.84			
	For 316 Stainless Steel, Add	35.84			
	For Galvanized Steel, Add	6.94			
	For Aluminum, Add	2.02			
	For 304 Stainless Steel, Add	31.92			
05 12 23 00-0700 1/8" Wall Thickness (05 12 23 00-0682)					
05 12 23 00-0701	LF 2" x 2" x 1/8" Square Steel Tubing.....	14.53		3.89	
	For >100 To 250, Deduct	-0.39			
	For >250 To 500, Deduct	-0.75			
	For >500 To 1,000, Deduct	-1.25			
	For >1,000, Deduct	-1.74			
	For 316 Stainless Steel, Add	29.89			
	For Galvanized Steel, Add	5.79			
	For Aluminum, Add	1.68			
	For 304 Stainless Steel, Add	26.62			
05 12 23 00-0702	LF 2-1/2" x 2-1/2" x 1/8" Square Steel Tubing	19.18		4.93	
	For >100 To 250, Deduct	-0.49			
	For >250 To 500, Deduct	-0.97			
	For >500 To 1,000, Deduct	-1.62			
	For >1,000, Deduct	-2.26			
	For 316 Stainless Steel, Add	40.35			
	For Galvanized Steel, Add	7.82			
	For Aluminum, Add	2.27			
	For 304 Stainless Steel, Add	35.94			
05 12 23 00-0703	LF 3" x 3" x 1/8" Square Steel Tubing.....	22.45		5.96	
	For >100 To 250, Deduct	-0.60			
	For >250 To 500, Deduct	-1.16			
	For >500 To 1,000, Deduct	-1.92			
	For >1,000, Deduct	-2.68			
	For 316 Stainless Steel, Add	46.40			
	For Galvanized Steel, Add	8.99			
	For Aluminum, Add	2.61			
	For 304 Stainless Steel, Add	41.33			
05 12 23 00-0704	LF 3-1/2" x 3-1/2" x 1/8" Square Steel Tubing	26.00		7.00	
	For >100 To 250, Deduct	-0.70			
	For >250 To 500, Deduct	-1.35			
	For >500 To 1,000, Deduct	-2.23			
	For >1,000, Deduct	-3.12			
	For 316 Stainless Steel, Add	53.34			
	For Galvanized Steel, Add	10.34			
	For Aluminum, Add	3.00			
	For 304 Stainless Steel, Add	47.51			
05 12 23 00-0705	LF 4" x 4" x 1/8" Square Steel Tubing.....	28.62		8.04	
	For >100 To 250, Deduct	-0.80			
	For >250 To 500, Deduct	-1.52			
	For >500 To 1,000, Deduct	-2.50			
	For >1,000, Deduct	-3.49			
	For 316 Stainless Steel, Add	57.28			
	For Galvanized Steel, Add	11.10			
	For Aluminum, Add	3.22			
	For 304 Stainless Steel, Add	51.02			

05	05	Metals
	05 10	Structural Metal Framing
	05 12	Structural Steel Framing



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
05 12 23 00-0706	3/16" Wall Thickness (05 12 23 00-0682)			
05 12 23 00-0707	LF 2" x 2" x 3/16" Square Steel Tubing.....	16.47		4.39
	For >100 To 250, Deduct	-0.44		
	For >250 To 500, Deduct	-0.85		
	For >500 To 1,000, Deduct	-1.41		
	For >1,000, Deduct	-1.97		
	For 316 Stainless Steel, Add	33.98		
	For Galvanized Steel, Add	6.58		
	For Aluminum, Add	1.91		
	For 304 Stainless Steel, Add	30.27		
05 12 23 00-0708	LF 2-1/2" x 2-1/2" x 3/16" Square Steel Tubing.....	21.32		5.68
	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	-2.55		
	For 316 Stainless Steel, Add	44.00		
	For Galvanized Steel, Add	8.53		
	For Aluminum, Add	2.48		
	For 304 Stainless Steel, Add	39.19		
05 12 23 00-0709	LF 3" x 3" x 3/16" Square Steel Tubing.....	26.21		6.98
	For >100 To 250, Deduct	-0.70		
	For >250 To 500, Deduct	-1.35		
	For >500 To 1,000, Deduct	-2.24		
	For >1,000, Deduct	-3.13		
	For 316 Stainless Steel, Add	54.08		
	For Galvanized Steel, Add	10.48		
	For Aluminum, Add	3.04		
	For 304 Stainless Steel, Add	48.17		
05 12 23 00-0710	LF 3-1/2" x 3-1/2" x 3/16" Square Steel Tubing.....	31.08		8.28
	For >100 To 250, Deduct	-0.83		
	For >250 To 500, Deduct	-1.61		
	For >500 To 1,000, Deduct	-2.66		
	For >1,000, Deduct	-3.71		
	For 316 Stainless Steel, Add	64.13		
	For Galvanized Steel, Add	12.42		
	For Aluminum, Add	3.61		
	For 304 Stainless Steel, Add	57.11		
05 12 23 00-0711	LF 4" x 4" x 3/16" Square Steel Tubing.....	35.92		9.57
	For >100 To 250, Deduct	-0.96		
	For >250 To 500, Deduct	-1.85		
	For >500 To 1,000, Deduct	-3.07		
	For >1,000, Deduct	-4.29		
	For 316 Stainless Steel, Add	74.14		
	For Galvanized Steel, Add	14.37		
	For Aluminum, Add	4.17		
	For 304 Stainless Steel, Add	66.03		
05 12 23 00-0712	LF 4-1/2" x 4-1/2" x 3/16" Square Steel Tubing.....	40.80		10.87
	For >100 To 250, Deduct	-1.09		
	For >250 To 500, Deduct	-2.11		
	For >500 To 1,000, Deduct	-3.49		
	For >1,000, Deduct	-4.87		
	For 316 Stainless Steel, Add	84.19		
	For Galvanized Steel, Add	16.31		
	For Aluminum, Add	4.74		
	For 304 Stainless Steel, Add	74.98		
05 12 23 00-0713	LF 5" x 5" x 3/16" Square Steel Tubing.....	45.65		12.16
	For >100 To 250, Deduct	-1.22		
	For >250 To 500, Deduct	-2.36		
	For >500 To 1,000, Deduct	-3.90		
	For >1,000, Deduct	-5.45		
	For 316 Stainless Steel, Add	94.21		
	For Galvanized Steel, Add	18.25		
	For Aluminum, Add	5.30		
	For 304 Stainless Steel, Add	83.90		
05 12 23 00-0714	LF 6" x 6" x 3/16" Square Steel Tubing.....	55.41		14.76
	For >100 To 250, Deduct	-1.48		
	For >250 To 500, Deduct	-2.86		
	For >500 To 1,000, Deduct	-4.74		
	For >1,000, Deduct	-6.62		
	For 316 Stainless Steel, Add	114.34		
	For Galvanized Steel, Add	22.15		
	For Aluminum, Add	6.43		
	For 304 Stainless Steel, Add	101.83		

05 12 23 00-0715 1/4" Wall Thickness (05 12 23 00-0682)



	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 00-0716	LF	2" x 2" x 1/4" Square Steel Tubing.....		17.60	4.39
		For >100 To 250, Deduct		-0.44	
		For >250 To 500, Deduct		-0.88	
		For >500 To 1,000, Deduct		-1.47	
		For >1,000, Deduct		-2.05	
		For 316 Stainless Steel, Add		37.57	
		For Galvanized Steel, Add		7.28	
		For Aluminum, Add		2.11	
		For 304 Stainless Steel, Add		33.46	
05 12 23 00-0717	LF	2-1/2" x 2-1/2" x 1/4" Square Steel Tubing		23.14	5.77
		For >100 To 250, Deduct		-0.58	
		For >250 To 500, Deduct		-1.16	
		For >500 To 1,000, Deduct		-1.93	
		For >1,000, Deduct		-2.70	
		For 316 Stainless Steel, Add		49.38	
		For Galvanized Steel, Add		9.57	
		For Aluminum, Add		2.78	
		For 304 Stainless Steel, Add		43.98	
05 12 23 00-0718	LF	3" x 3" x 1/4" Square Steel Tubing.....		28.66	7.16
		For >100 To 250, Deduct		-0.72	
		For >250 To 500, Deduct		-1.43	
		For >500 To 1,000, Deduct		-2.39	
		For >1,000, Deduct		-3.34	
		For 316 Stainless Steel, Add		61.18	
		For Galvanized Steel, Add		11.85	
		For Aluminum, Add		3.44	
		For 304 Stainless Steel, Add		54.49	
05 12 23 00-0719	LF	3-1/2" x 3-1/2" x 1/4" Square Steel Tubing		34.19	8.54
		For >100 To 250, Deduct		-0.85	
		For >250 To 500, Deduct		-1.71	
		For >500 To 1,000, Deduct		-2.85	
		For >1,000, Deduct		-3.99	
		For 316 Stainless Steel, Add		72.99	
		For Galvanized Steel, Add		14.14	
		For Aluminum, Add		4.11	
		For 304 Stainless Steel, Add		65.01	
05 12 23 00-0720	LF	4" x 4" x 1/4" Square Steel Tubing.....		39.73	9.92
		For >100 To 250, Deduct		-0.99	
		For >250 To 500, Deduct		-1.99	
		For >500 To 1,000, Deduct		-3.31	
		For >1,000, Deduct		-4.63	
		For 316 Stainless Steel, Add		84.80	
		For Galvanized Steel, Add		16.43	
		For Aluminum, Add		4.77	
		For 304 Stainless Steel, Add		75.53	
05 12 23 00-0721	LF	4-1/2" x 4-1/2" x 1/4" Square Steel Tubing		45.26	11.30
		For >100 To 250, Deduct		-1.13	
		For >250 To 500, Deduct		-2.26	
		For >500 To 1,000, Deduct		-3.77	
		For >1,000, Deduct		-5.28	
		For 316 Stainless Steel, Add		96.61	
		For Galvanized Steel, Add		18.72	
		For Aluminum, Add		5.43	
		For 304 Stainless Steel, Add		86.04	
05 12 23 00-0722	LF	5" x 5" x 1/4" Square Steel Tubing.....		50.83	12.69
		For >100 To 250, Deduct		-1.27	
		For >250 To 500, Deduct		-2.54	
		For >500 To 1,000, Deduct		-4.23	
		For >1,000, Deduct		-5.93	
		For 316 Stainless Steel, Add		108.48	
		For Galvanized Steel, Add		21.02	
		For Aluminum, Add		6.10	
		For 304 Stainless Steel, Add		96.62	
05 12 23 00-0723	LF	6" x 6" x 1/4" Square Steel Tubing.....		61.89	15.45
		For >100 To 250, Deduct		-1.55	
		For >250 To 500, Deduct		-3.09	
		For >500 To 1,000, Deduct		-5.16	
		For >1,000, Deduct		-7.22	
		For 316 Stainless Steel, Add		132.10	
		For Galvanized Steel, Add		25.59	
		For Aluminum, Add		7.43	
		For 304 Stainless Steel, Add		117.65	
05 12 23 00-0724		Rectangular Steel Tubing (05 12 23 00-0681)			
05 12 23 00-0725		3/16" Wall Thickness (05 12 23 00-0724)			
05 12 23 00-0726	LF	3" x 2" x 3/16" Square Steel Tubing.....		21.32	5.68
		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		-2.55	
		For 316 Stainless Steel, Add		44.00	
		For Galvanized Steel, Add		8.53	
		For Aluminum, Add		2.48	
		For 304 Stainless Steel, Add		39.19	

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 00-0727	LF		4" x 2" x 3/16" Square Steel Tubing.....	26.21	6.98
			For >100 To 250, Deduct	-0.70	
			For >250 To 500, Deduct	-1.35	
			For >500 To 1,000, Deduct	-2.24	
			For >1,000, Deduct	-3.13	
			For 316 Stainless Steel, Add	54.08	
			For Galvanized Steel, Add	10.48	
			For Aluminum, Add	3.04	
			For 304 Stainless Steel, Add	48.17	
05 12 23 00-0728	LF		4" x 3" x 3/16" Square Steel Tubing.....	31.08	8.28
			For >100 To 250, Deduct	-0.83	
			For >250 To 500, Deduct	-1.61	
			For >500 To 1,000, Deduct	-2.66	
			For >1,000, Deduct	-3.71	
			For 316 Stainless Steel, Add	64.13	
			For Galvanized Steel, Add	12.42	
			For Aluminum, Add	3.61	
			For 304 Stainless Steel, Add	57.11	
05 12 23 00-0729	LF		5" x 2" x 3/16" Square Steel Tubing.....	31.08	8.28
			For >100 To 250, Deduct	-0.83	
			For >250 To 500, Deduct	-1.61	
			For >500 To 1,000, Deduct	-2.66	
			For >1,000, Deduct	-3.71	
			For 316 Stainless Steel, Add	64.13	
			For Galvanized Steel, Add	12.42	
			For Aluminum, Add	3.61	
			For 304 Stainless Steel, Add	57.11	
05 12 23 00-0730	LF		5" x 3" x 3/16" Square Steel Tubing.....	35.92	9.57
			For >100 To 250, Deduct	-0.96	
			For >250 To 500, Deduct	-1.85	
			For >500 To 1,000, Deduct	-3.07	
			For >1,000, Deduct	-4.29	
			For 316 Stainless Steel, Add	74.14	
			For Galvanized Steel, Add	14.37	
			For Aluminum, Add	4.17	
			For 304 Stainless Steel, Add	66.03	
05 12 23 00-0731	LF		5" x 4" x 3/16" Square Steel Tubing.....	40.80	10.87
			For >100 To 250, Deduct	-1.09	
			For >250 To 500, Deduct	-2.11	
			For >500 To 1,000, Deduct	-3.49	
			For >1,000, Deduct	-4.87	
			For 316 Stainless Steel, Add	84.19	
			For Galvanized Steel, Add	16.31	
			For Aluminum, Add	4.74	
			For 304 Stainless Steel, Add	74.98	
05 12 23 00-0732	LF		6" x 2" x 3/16" Square Steel Tubing.....	35.92	9.57
			For >100 To 250, Deduct	-0.96	
			For >250 To 500, Deduct	-1.85	
			For >500 To 1,000, Deduct	-3.07	
			For >1,000, Deduct	-4.29	
			For 316 Stainless Steel, Add	74.14	
			For Galvanized Steel, Add	14.37	
			For Aluminum, Add	4.17	
			For 304 Stainless Steel, Add	66.03	
05 12 23 00-0733	LF		6" x 3" x 3/16" Square Steel Tubing.....	40.80	10.87
			For >100 To 250, Deduct	-1.09	
			For >250 To 500, Deduct	-2.11	
			For >500 To 1,000, Deduct	-3.49	
			For >1,000, Deduct	-4.87	
			For 316 Stainless Steel, Add	84.19	
			For Galvanized Steel, Add	16.31	
			For Aluminum, Add	4.74	
			For 304 Stainless Steel, Add	74.98	
05 12 23 00-0734	LF		6" x 4" x 3/16" Square Steel Tubing.....	45.65	12.16
			For >100 To 250, Deduct	-1.22	
			For >250 To 500, Deduct	-2.36	
			For >500 To 1,000, Deduct	-3.90	
			For >1,000, Deduct	-5.45	
			For 316 Stainless Steel, Add	94.21	
			For Galvanized Steel, Add	18.25	
			For Aluminum, Add	5.30	
			For 304 Stainless Steel, Add	83.90	
05 12 23 00-0735			1/4" Wall Thickness (05 12 23 00-0724)		
05 12 23 00-0736	LF		3" x 2" x 1/4" Square Steel Tubing.....	23.14	5.77
			For >100 To 250, Deduct	-0.58	
			For >250 To 500, Deduct	-1.16	
			For >500 To 1,000, Deduct	-1.93	
			For >1,000, Deduct	-2.70	
			For 316 Stainless Steel, Add	49.38	
			For Galvanized Steel, Add	9.57	
			For Aluminum, Add	2.78	
			For 304 Stainless Steel, Add	43.98	



	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 00-0737	LF	4" x 2" x 1/4" Square Steel Tubing.....		28.66	7.16
		For >100 To 250, Deduct		-0.72	
		For >250 To 500, Deduct		-1.43	
		For >500 To 1,000, Deduct		-2.39	
		For >1,000, Deduct		-3.34	
		For 316 Stainless Steel, Add		61.18	
		For Galvanized Steel, Add		11.85	
		For Aluminum, Add		3.44	
		For 304 Stainless Steel, Add		54.49	
05 12 23 00-0738	LF	4" x 3" x 1/4" Square Steel Tubing.....		34.19	8.54
		For >100 To 250, Deduct		-0.85	
		For >250 To 500, Deduct		-1.71	
		For >500 To 1,000, Deduct		-2.85	
		For >1,000, Deduct		-3.99	
		For 316 Stainless Steel, Add		72.99	
		For Galvanized Steel, Add		14.14	
		For Aluminum, Add		4.11	
		For 304 Stainless Steel, Add		65.01	
05 12 23 00-0739	LF	5" x 2" x 1/4" Square Steel Tubing.....		34.19	8.54
		For >100 To 250, Deduct		-0.85	
		For >250 To 500, Deduct		-1.71	
		For >500 To 1,000, Deduct		-2.85	
		For >1,000, Deduct		-3.99	
		For 316 Stainless Steel, Add		72.99	
		For Galvanized Steel, Add		14.14	
		For Aluminum, Add		4.11	
		For 304 Stainless Steel, Add		65.01	
05 12 23 00-0740	LF	5" x 3" x 1/4" Square Steel Tubing.....		39.73	9.92
		For >100 To 250, Deduct		-0.99	
		For >250 To 500, Deduct		-1.99	
		For >500 To 1,000, Deduct		-3.31	
		For >1,000, Deduct		-4.63	
		For 316 Stainless Steel, Add		84.80	
		For Galvanized Steel, Add		16.43	
		For Aluminum, Add		4.77	
		For 304 Stainless Steel, Add		75.53	
05 12 23 00-0741	LF	5" x 4" x 1/4" Square Steel Tubing.....		45.26	11.30
		For >100 To 250, Deduct		-1.13	
		For >250 To 500, Deduct		-2.26	
		For >500 To 1,000, Deduct		-3.77	
		For >1,000, Deduct		-5.28	
		For 316 Stainless Steel, Add		96.61	
		For Galvanized Steel, Add		18.72	
		For Aluminum, Add		5.43	
		For 304 Stainless Steel, Add		86.04	
05 12 23 00-0742	LF	6" x 2" x 1/4" Square Steel Tubing.....		39.73	9.92
		For >100 To 250, Deduct		-0.99	
		For >250 To 500, Deduct		-1.99	
		For >500 To 1,000, Deduct		-3.31	
		For >1,000, Deduct		-4.63	
		For 316 Stainless Steel, Add		84.80	
		For Galvanized Steel, Add		16.43	
		For Aluminum, Add		4.77	
		For 304 Stainless Steel, Add		75.53	
05 12 23 00-0743	LF	6" x 3" x 1/4" Square Steel Tubing.....		45.26	11.30
		For >100 To 250, Deduct		-1.13	
		For >250 To 500, Deduct		-2.26	
		For >500 To 1,000, Deduct		-3.77	
		For >1,000, Deduct		-5.28	
		For 316 Stainless Steel, Add		96.61	
		For Galvanized Steel, Add		18.72	
		For Aluminum, Add		5.43	
		For 304 Stainless Steel, Add		86.04	
05 12 23 00-0744	LF	6" x 4" x 1/4" Square Steel Tubing.....		50.83	12.69
		For >100 To 250, Deduct		-1.27	
		For >250 To 500, Deduct		-2.54	
		For >500 To 1,000, Deduct		-4.23	
		For >1,000, Deduct		-5.93	
		For 316 Stainless Steel, Add		108.48	
		For Galvanized Steel, Add		21.02	
		For Aluminum, Add		6.10	
		For 304 Stainless Steel, Add		96.62	
05 12 23 00-0745		Round Steel Tubing (05 12 23 00-0681)			
05 12 23 00-0746		0.065" Wall Thickness (05 12 23 00-0745)			
05 12 23 00-0747	LF	1" Diameter x 0.065" Round Steel Tubing		4.71	1.06
		For >100 To 250, Deduct		-0.11	
		For >250 To 500, Deduct		-0.22	
		For >500 To 1,000, Deduct		-0.38	
		For >1,000, Deduct		-0.53	
		For 316 Stainless Steel, Add		10.56	
		For Galvanized Steel, Add		2.05	
		For Aluminum, Add		0.59	
		For 304 Stainless Steel, Add		9.41	

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 00-0748	LF		1-1/4" Diameter x 0.065" Round Steel Tubing	5.96	1.34
			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	13.38	
			For Galvanized Steel, Add	2.59	
			For Aluminum, Add	0.75	
			For 304 Stainless Steel, Add	11.91	
05 12 23 00-0749	LF		1-1/2" Diameter x 0.065" Round Steel Tubing	7.22	1.62
			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	-0.81	
			For 316 Stainless Steel, Add	16.19	
			For Galvanized Steel, Add	3.14	
			For Aluminum, Add	0.91	
			For 304 Stainless Steel, Add	14.42	
05 12 23 00-0750	LF		2" Diameter x 0.065" Round Steel Tubing	9.74	2.19
			For >100 To 250, Deduct	-0.22	
			For >250 To 500, Deduct	-0.46	
			For >500 To 1,000, Deduct	-0.78	
			For >1,000, Deduct	-1.09	
			For 316 Stainless Steel, Add	21.86	
			For Galvanized Steel, Add	4.23	
			For Aluminum, Add	1.23	
			For 304 Stainless Steel, Add	19.47	
05 12 23 00-0751	LF		2-1/2" Diameter x 0.065" Round Steel Tubing	12.26	2.75
			For >100 To 250, Deduct	-0.28	
			For >250 To 500, Deduct	-0.58	
			For >500 To 1,000, Deduct	-0.98	
			For >1,000, Deduct	-1.38	
			For 316 Stainless Steel, Add	27.49	
			For Galvanized Steel, Add	5.33	
			For Aluminum, Add	1.55	
			For 304 Stainless Steel, Add	24.48	
05 12 23 00-0752	LF		3" Diameter x 0.065" Round Steel Tubing	14.77	3.31
			For >100 To 250, Deduct	-0.33	
			For >250 To 500, Deduct	-0.70	
			For >500 To 1,000, Deduct	-1.18	
			For >1,000, Deduct	-1.66	
			For 316 Stainless Steel, Add	33.15	
			For Galvanized Steel, Add	6.42	
			For Aluminum, Add	1.86	
			For 304 Stainless Steel, Add	29.53	
05 12 23 00-0753	LF		3-1/2" Diameter x 0.065" Round Steel Tubing	17.30	3.88
			For >100 To 250, Deduct	-0.39	
			For >250 To 500, Deduct	-0.82	
			For >500 To 1,000, Deduct	-1.38	
			For >1,000, Deduct	-1.94	
			For 316 Stainless Steel, Add	38.82	
			For Galvanized Steel, Add	7.52	
			For Aluminum, Add	2.18	
			For 304 Stainless Steel, Add	34.57	
05 12 23 00-0754	LF		4" Diameter x 0.065" Round Steel Tubing	19.81	4.44
			For >100 To 250, Deduct	-0.44	
			For >250 To 500, Deduct	-0.94	
			For >500 To 1,000, Deduct	-1.58	
			For >1,000, Deduct	-2.23	
			For 316 Stainless Steel, Add	44.45	
			For Galvanized Steel, Add	8.61	
			For Aluminum, Add	2.50	
			For 304 Stainless Steel, Add	39.59	
05 12 23 00-0755			0.083" Wall Thickness (05 12 23 00-0745)		
05 12 23 00-0756	LF		1" Diameter x 0.083" Round Steel Tubing	5.11	1.16
			For >100 To 250, Deduct	-0.12	
			For >250 To 500, Deduct	-0.24	
			For >500 To 1,000, Deduct	-0.41	
			For >1,000, Deduct	-0.58	
			For 316 Stainless Steel, Add	11.42	
			For Galvanized Steel, Add	2.21	
			For Aluminum, Add	0.64	
			For 304 Stainless Steel, Add	10.17	
05 12 23 00-0757	LF		1-1/4" Diameter x 0.083" Round Steel Tubing	6.50	1.47
			For >100 To 250, Deduct	-0.15	
			For >250 To 500, Deduct	-0.31	
			For >500 To 1,000, Deduct	-0.52	
			For >1,000, Deduct	-0.73	
			For 316 Stainless Steel, Add	14.53	
			For Galvanized Steel, Add	2.81	
			For Aluminum, Add	0.82	
			For 304 Stainless Steel, Add	12.94	



	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 00-0758	LF	1-1/2" Diameter x 0.083" Round Steel Tubing	.....	7.90	1.78
		For >100 To 250, Deduct	.....	-0.18	
		For >250 To 500, Deduct	.....	-0.38	
		For >500 To 1,000, Deduct	.....	-0.63	
		For >1,000, Deduct	.....	-0.89	
		For 316 Stainless Steel, Add	.....	17.66	
		For Galvanized Steel, Add	.....	3.42	
		For Aluminum, Add	.....	0.99	
		For 304 Stainless Steel, Add	.....	15.73	
05 12 23 00-0759	LF	2" Diameter x 0.083" Round Steel Tubing	.....	10.68	2.42
		For >100 To 250, Deduct	.....	-0.24	
		For >250 To 500, Deduct	.....	-0.51	
		For >500 To 1,000, Deduct	.....	-0.86	
		For >1,000, Deduct	.....	-1.20	
		For 316 Stainless Steel, Add	.....	23.87	
		For Galvanized Steel, Add	.....	4.63	
		For Aluminum, Add	.....	1.34	
		For 304 Stainless Steel, Add	.....	21.26	
05 12 23 00-0760	LF	2-1/2" Diameter x 0.083" Round Steel Tubing	.....	13.47	3.04
		For >100 To 250, Deduct	.....	-0.30	
		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	.....	30.11	
		For Galvanized Steel, Add	.....	5.83	
		For Aluminum, Add	.....	1.69	
		For 304 Stainless Steel, Add	.....	26.82	
05 12 23 00-0761	LF	3" Diameter x 0.083" Round Steel Tubing	.....	16.27	3.68
		For >100 To 250, Deduct	.....	-0.37	
		For >250 To 500, Deduct	.....	-0.78	
		For >500 To 1,000, Deduct	.....	-1.30	
		For >1,000, Deduct	.....	-1.83	
		For 316 Stainless Steel, Add	.....	36.35	
		For Galvanized Steel, Add	.....	7.04	
		For Aluminum, Add	.....	2.04	
		For 304 Stainless Steel, Add	.....	32.38	
05 12 23 00-0762	LF	3-1/2" Diameter x 0.083" Round Steel Tubing	.....	19.04	4.31
		For >100 To 250, Deduct	.....	-0.43	
		For >250 To 500, Deduct	.....	-0.91	
		For >500 To 1,000, Deduct	.....	-1.53	
		For >1,000, Deduct	.....	-2.15	
		For 316 Stainless Steel, Add	.....	42.56	
		For Galvanized Steel, Add	.....	8.25	
		For Aluminum, Add	.....	2.39	
		For 304 Stainless Steel, Add	.....	37.91	
05 12 23 00-0763	LF	4" Diameter x 0.083" Round Steel Tubing	.....	21.83	4.94
		For >100 To 250, Deduct	.....	-0.49	
		For >250 To 500, Deduct	.....	-1.04	
		For >500 To 1,000, Deduct	.....	-1.75	
		For >1,000, Deduct	.....	-2.46	
		For 316 Stainless Steel, Add	.....	48.80	
		For Galvanized Steel, Add	.....	9.46	
		For Aluminum, Add	.....	2.75	
		For 304 Stainless Steel, Add	.....	43.46	
05 12 23 00-0764		0.125" Wall Thickness (05 12 23 00-0745)	.....		
05 12 23 00-0765	LF	2" Diameter x 0.125" Round Steel Tubing	.....	11.39	3.05
		For >100 To 250, Deduct	.....	-0.31	
		For >250 To 500, Deduct	.....	-0.59	
		For >500 To 1,000, Deduct	.....	-0.98	
		For >1,000, Deduct	.....	-1.36	
		For 316 Stainless Steel, Add	.....	23.42	
		For Galvanized Steel, Add	.....	4.54	
		For Aluminum, Add	.....	1.32	
		For 304 Stainless Steel, Add	.....	20.86	
05 12 23 00-0766	LF	2-1/2" Diameter x 0.125" Round Steel Tubing	.....	14.44	3.87
		For >100 To 250, Deduct	.....	-0.39	
		For >250 To 500, Deduct	.....	-0.75	
		For >500 To 1,000, Deduct	.....	-1.24	
		For >1,000, Deduct	.....	-1.73	
		For 316 Stainless Steel, Add	.....	29.70	
		For Galvanized Steel, Add	.....	5.75	
		For Aluminum, Add	.....	1.67	
		For 304 Stainless Steel, Add	.....	26.45	
05 12 23 00-0767	LF	3" Diameter x 0.125" Round Steel Tubing	.....	17.47	4.67
		For >100 To 250, Deduct	.....	-0.47	
		For >250 To 500, Deduct	.....	-0.90	
		For >500 To 1,000, Deduct	.....	-1.50	
		For >1,000, Deduct	.....	-2.09	
		For 316 Stainless Steel, Add	.....	35.94	
		For Galvanized Steel, Add	.....	6.96	
		For Aluminum, Add	.....	2.02	
		For 304 Stainless Steel, Add	.....	32.01	

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 00-0768	LF		3-1/2" Diameter x 0.125" Round Steel Tubing	20.50	5.49
			For >100 To 250, Deduct	-0.55	
			For >250 To 500, Deduct	-1.06	
			For >500 To 1,000, Deduct	-1.76	
			For >1,000, Deduct	-2.45	
			For 316 Stainless Steel, Add	42.18	
			For Galvanized Steel, Add	8.17	
			For Aluminum, Add	2.37	
			For 304 Stainless Steel, Add	37.56	
05 12 23 00-0769	LF		4" Diameter x 0.125" Round Steel Tubing	23.54	6.31
			For >100 To 250, Deduct	-0.63	
			For >250 To 500, Deduct	-1.22	
			For >500 To 1,000, Deduct	-2.02	
			For >1,000, Deduct	-2.82	
			For 316 Stainless Steel, Add	48.45	
			For Galvanized Steel, Add	9.39	
			For Aluminum, Add	2.73	
			For 304 Stainless Steel, Add	43.15	
05 12 23 00-0770			Flat Steel Bar (05 12 23 00-0422)		
05 12 23 00-0771			1/8" Thick (05 12 23 00-0770)		
05 12 23 00-0772	LF		1/8" Thick x 1" Wide Flat Steel Bar	3.37	1.52
			For 316 Stainless Steel, Add	3.49	
			For Galvanized Steel, Add	0.68	
			For Aluminum, Add	0.20	
			For 304 Stainless Steel, Add	3.11	
05 12 23 00-0773	LF		1/8" Thick x 2" Wide Flat Steel Bar	5.23	2.28
			For 316 Stainless Steel, Add	5.79	
			For Galvanized Steel, Add	1.12	
			For Aluminum, Add	0.33	
			For 304 Stainless Steel, Add	5.16	
05 12 23 00-0774	LF		1/8" Thick x 4" Wide Flat Steel Bar	8.11	3.20
			For 316 Stainless Steel, Add	10.53	
			For Galvanized Steel, Add	2.04	
			For Aluminum, Add	0.59	
			For 304 Stainless Steel, Add	9.38	
05 12 23 00-0775	LF		1/8" Thick x 6" Wide Flat Steel Bar	10.98	4.35
			For 316 Stainless Steel, Add	14.24	
			For Galvanized Steel, Add	2.76	
			For Aluminum, Add	0.80	
			For 304 Stainless Steel, Add	12.68	
05 12 23 00-0776			3/16" Thick (05 12 23 00-0770)		
05 12 23 00-0777	LF		3/16" Thick x 1" Wide Flat Steel Bar	4.49	1.88
			For 316 Stainless Steel, Add	5.31	
			For Galvanized Steel, Add	1.03	
			For Aluminum, Add	0.30	
			For 304 Stainless Steel, Add	4.73	
05 12 23 00-0778	LF		3/16" Thick x 2" Wide Flat Steel Bar	7.11	2.83
			For 316 Stainless Steel, Add	9.15	
			For Galvanized Steel, Add	1.77	
			For Aluminum, Add	0.51	
			For 304 Stainless Steel, Add	8.15	
05 12 23 00-0779	LF		3/16" Thick x 4" Wide Flat Steel Bar	9.71	3.25
			For 316 Stainless Steel, Add	15.46	
			For Galvanized Steel, Add	2.99	
			For Aluminum, Add	0.87	
			For 304 Stainless Steel, Add	13.77	
05 12 23 00-0780	LF		3/16" Thick x 6" Wide Flat Steel Bar	13.43	4.50
			For 316 Stainless Steel, Add	21.34	
			For Galvanized Steel, Add	4.14	
			For Aluminum, Add	1.20	
			For 304 Stainless Steel, Add	19.01	
05 12 23 00-0781			1/4" Thick (05 12 23 00-0770)		
05 12 23 00-0782	LF		1/4" Thick x 1" Wide Flat Steel Bar	4.63	1.99
			For 316 Stainless Steel, Add	5.25	
			For Galvanized Steel, Add	1.02	
			For Aluminum, Add	0.30	
			For 304 Stainless Steel, Add	4.67	
05 12 23 00-0783	LF		1/4" Thick x 2" Wide Flat Steel Bar	7.79	2.99
			For 316 Stainless Steel, Add	10.59	
			For Galvanized Steel, Add	2.05	
			For Aluminum, Add	0.60	
			For 304 Stainless Steel, Add	9.43	
05 12 23 00-0784	LF		1/4" Thick x 4" Wide Flat Steel Bar	11.54	3.42
			For 316 Stainless Steel, Add	20.51	
			For Galvanized Steel, Add	3.97	
			For Aluminum, Add	1.15	
			For 304 Stainless Steel, Add	18.27	



	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 00-0785	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	16.68 29.09 5.64 1.64 25.91	5.05
05 12 23 00-0786			3/8" Thick (05 12 23 00-0770)		
05 12 23 00-0787	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	5.93 8.22 1.59 0.46 7.32	2.25
05 12 23 00-0788	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	9.79 15.17 2.94 0.85 13.51	3.35
05 12 23 00-0789	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	15.24 30.34 5.88 1.71 27.02	3.84
05 12 23 00-0790	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	21.87 42.69 8.27 2.40 38.02	5.68
05 12 23 00-0791			1/2" Thick (05 12 23 00-0770)		
05 12 23 00-0792	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	7.00 10.53 2.04 0.59 9.38	2.46
05 12 23 00-0793	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	11.61 19.36 3.75 1.09 17.24	3.71
05 12 23 00-0794	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	16.65 32.99 6.39 1.86 29.38	4.21
05 12 23 00-0795	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	29.95 65.82 12.75 3.70 58.62	6.26
05 12 23 00-0796			Flat Steel Plate (05 12 23 00-0422)		
05 12 23 00-0797	SF		1/8" Thick Flat Steel Plate For 316 Stainless Steel, Add For Galvanized Steel, Add For Aluminum, Add For 304 Stainless Steel, Add	17.56 24.83 4.81 1.40 22.12	6.53
05 12 23 00-0798	SF		3/16" Thick Flat Steel Plate For 316 Stainless Steel, Add For Galvanized Steel, Add For Aluminum, Add For 304 Stainless Steel, Add	19.87 31.07 6.02 1.75 27.67	6.76
05 12 23 00-0799	SF		1/4" Thick Flat Steel Plate For 316 Stainless Steel, Add For Galvanized Steel, Add For Aluminum, Add For 304 Stainless Steel, Add	23.75 39.62 7.68 2.23 35.28	7.58
05 12 23 00-0800	SF		3/8" Thick Flat Steel Plate For 316 Stainless Steel, Add For Galvanized Steel, Add For Aluminum, Add For 304 Stainless Steel, Add	32.22 62.18 12.05 3.50 55.38	8.52
05 12 23 00-0801	SF		1/2" Thick Flat Steel Plate For 316 Stainless Steel, Add For Galvanized Steel, Add For Aluminum, Add For 304 Stainless Steel, Add	38.28 77.47 15.01 4.36 69.00	9.37
05 12 23 00-0802	SF		3/4" Thick Flat Steel Plate For 316 Stainless Steel, Add For Galvanized Steel, Add For Aluminum, Add For 304 Stainless Steel, Add	62.99 145.28 28.15 8.17 129.39	11.62

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 00-0803	SF		1" Thick Flat Steel Plate..... <i>For 316 Stainless Steel, Add</i> <i>For Galvanized Steel, Add</i> <i>For Aluminum, Add</i> <i>For 304 Stainless Steel, Add</i>	84.15 198.91 38.54 11.19 177.16	14.52
05 12 23 00-0804			Metal Runner/Track (05 12 23 00-0422)		
05 12 23 00-0805	LF		4" Wide x 1-1/4" Leg, 18 Gauge, Slotted Metal Runner <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500 To 1,000, Deduct</i> <i>For >1,000, Deduct</i>	7.79 -0.37 -0.56 -0.88 -1.19	3.63
05 12 23 00-0806	LF		6" Wide x 1-1/4" Leg, 18 Gauge, Slotted Metal Runner <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500 To 1,000, Deduct</i> <i>For >1,000, Deduct</i>	9.33 -0.41 -0.64 -1.01 -1.38	4.06
05 12 23 00-0807	LF		8" Wide x 1-1/4" Leg, 18 Gauge, Slotted Metal Runner <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500 To 1,000, Deduct</i> <i>For >1,000, Deduct</i>	11.15 -0.47 -0.75 -1.18 -1.62	4.67
05 12 23 00-0808	LF		10" Wide x 1-1/4" Leg, 18 Gauge, Slotted Metal Runner <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500 To 1,000, Deduct</i> <i>For >1,000, Deduct</i>	12.93 -0.51 -0.83 -1.32 -1.82	5.08
05 12 23 00-0809	LF		4" Wide x 1-1/4" Leg, 16 Gauge, Slotted Metal Runner <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500 To 1,000, Deduct</i> <i>For >1,000, Deduct</i>	8.42 -0.37 -0.58 -0.91 -1.24	3.63
05 12 23 00-0810	LF		6" Wide x 1-1/4" Leg, 16 Gauge, Slotted Metal Runner <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500 To 1,000, Deduct</i> <i>For >1,000, Deduct</i>	10.24 -0.41 -0.66 -1.05 -1.45	4.06
05 12 23 00-0811	LF		8" Wide x 1-1/4" Leg, 16 Gauge, Slotted Metal Runner <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500 To 1,000, Deduct</i> <i>For >1,000, Deduct</i>	12.05 -0.47 -0.77 -1.23 -1.68	4.67
05 12 23 00-0812	LF		10" Wide x 1-1/4" Leg, 16 Gauge, Slotted Metal Runner <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500 To 1,000, Deduct</i> <i>For >1,000, Deduct</i>	14.05 -0.51 -0.86 -1.38 -1.90	5.08
05 12 23 00-0813	LF		4" Wide x 1-1/4" Leg, 14 Gauge, Slotted Metal Runner <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500 To 1,000, Deduct</i> <i>For >1,000, Deduct</i>	9.41 -0.40 -0.64 -1.01 -1.38	4.02
05 12 23 00-0814	LF		6" Wide x 1-1/4" Leg, 14 Gauge, Slotted Metal Runner <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500 To 1,000, Deduct</i> <i>For >1,000, Deduct</i>	11.46 -0.45 -0.73 -1.17 -1.60	4.47
05 12 23 00-0815	LF		8" Wide x 1-1/4" Leg, 14 Gauge, Slotted Metal Runner <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500 To 1,000, Deduct</i> <i>For >1,000, Deduct</i>	13.10 -0.51 -0.84 -1.34 -1.84	5.14
05 12 23 00-0816	LF		10" Wide x 1-1/4" Leg, 14 Gauge, Slotted Metal Runner <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500 To 1,000, Deduct</i> <i>For >1,000, Deduct</i>	15.27 -0.56 -0.94 -1.51 -2.08	5.58

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.....	36.54	
05 13 00 00-0003	LF		1-1/2" x 1-1/2" Stainless Steel Tube	47.43	
05 13 00 00-0004	LF		2" x 2" Stainless Steel Tube.....	64.85	

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	9.09	0.89



Metals			05
Structural Metal Framing			05 10
Structural Aluminum Framing			05 14

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 14 13 00-0003	LB		Structural Aluminum, >2,000 - 9,999 LB / Order 1" To 10" Rolled / Plate Structural Members	8.01	0.82
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	14.89	3.67
05 14 13 00-0006	LB		Aluminum Extrusions, Custom Shapes 1" To 10" Rolled / Plate Structural Members	15.76	3.67
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	13.25	2.23
05 14 13 00-0009	LF		1" x 1" Aluminum Tubing, 1/8" Wall Thickness	11.87	3.61
05 14 13 00-0010	LF		1-1/4" x 1-1/4" Aluminum Tubing, 1/8" Wall Thickness	14.35	3.94
05 14 13 00-0011	LF		1-1/2" x 1-1/2" Aluminum Tubing, 1/8" Wall Thickness	16.48	4.59
05 14 13 00-0012	LF		2" x 2" Aluminum Tubing, 1/8" Wall Thickness	19.60	4.94
05 14 13 00-0013	LF		4" x 4" Aluminum Tubing, 1/4" Wall Thickness	57.35	6.25
05 14 13 00-0014	LF		2" x 5" Aluminum Tubing, 1/4" Wall Thickness	46.96	5.59
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	52.74	7.04
05 14 13 00-0018	LF		8" Diameter Aluminum Column	70.13	10.10
05 14 13 00-0019	LF		10" Diameter Aluminum Column	85.72	11.36
05 14 13 00-0020	LF		12" Diameter Aluminum Column	129.43	11.89
05 14 13 00-0021	LF		15" Diameter Aluminum Column	165.42	13.78
05 14 13 00-0022	EA		6" Diameter Aluminum Base And Cap	102.63	13.15
05 14 13 00-0023	EA		8" Diameter Aluminum Base And Cap	117.61	14.20
05 14 13 00-0024	EA		10" Diameter Aluminum Base And Cap	148.82	15.78
05 14 13 00-0025	EA		12" Diameter Aluminum Base And Cap	258.98	16.83
05 14 13 00-0026	EA		15" Diameter Aluminum Base And Cap	397.79	18.41
05 14 13 00-0027			Octagonal Columns (05 14 13 00-0015)		
05 14 13 00-0028	LF		6" Diameter Aluminum Column	58.95	7.04
05 14 13 00-0029	LF		8" Diameter Aluminum Column	80.11	10.10
05 14 13 00-0030	LF		10" Diameter Aluminum Column	98.32	11.36
05 14 13 00-0031	LF		12" Diameter Aluminum Column	150.58	11.89
05 14 13 00-0032	LF		15" Diameter Aluminum Column	193.01	13.78
05 14 13 00-0033	EA		6" Diameter Aluminum Base And Cap	117.90	13.15
05 14 13 00-0034	EA		8" Diameter Aluminum Base And Cap	135.45	14.20
05 14 13 00-0035	EA		10" Diameter Aluminum Base And Cap	172.27	15.78
05 14 13 00-0036	EA		12" Diameter Aluminum Base And Cap	304.04	16.83
05 14 13 00-0037	EA		15" Diameter Aluminum Base And Cap	469.98	18.41
05 14 13 00-0038			Fluted Columns (05 14 13 00-0015)		
05 14 13 00-0039	LF		6" Diameter Aluminum Column	65.70	7.04
05 14 13 00-0040	LF		8" Diameter Aluminum Column	89.09	10.10
05 14 13 00-0041	LF		10" Diameter Aluminum Column	109.66	11.36
05 14 13 00-0042	LF		12" Diameter Aluminum Column	169.62	11.89
05 14 13 00-0043	LF		15" Diameter Aluminum Column	217.84	13.78
05 14 13 00-0044	EA		6" Diameter Aluminum Base And Cap	131.64	13.15
05 14 13 00-0045	EA		8" Diameter Aluminum Base And Cap	151.51	14.20
05 14 13 00-0046	EA		10" Diameter Aluminum Base And Cap	193.38	15.78
05 14 13 00-0047	EA		12" Diameter Aluminum Base And Cap	344.60	16.83
05 14 13 00-0048	EA		15" Diameter Aluminum Base And Cap	534.96	18.41
05 14 13 00-0049			Square Columns (05 14 13 00-0015)		
05 14 13 00-0050	LF		6" Aluminum Column	70.31	7.04
05 14 13 00-0051	LF		8" Aluminum Column	95.23	10.10
05 14 13 00-0052	LF		10" Aluminum Column	117.41	11.36
05 14 13 00-0053	LF		12" Aluminum Column	182.64	11.89
05 14 13 00-0054	LF		15" Aluminum Column	234.82	13.78
05 14 13 00-0055	EA		6" Aluminum Base And Cap	141.04	13.15
05 14 13 00-0056	EA		8" Aluminum Base And Cap	162.49	14.20
05 14 13 00-0057	EA		10" Aluminum Base And Cap	207.81	15.78
05 14 13 00-0058	EA		12" Aluminum Base And Cap	372.33	16.83
05 14 13 00-0059	EA		15" Aluminum Base And Cap	579.39	18.41
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	808.68	15.78
05 14 13 00-0062	EA		10" Corinthian Capital And Base	1,190.87	18.41
05 14 13 00-0063	EA		12" Corinthian Capital And Base	1,885.24	21.04
05 14 13 00-0064	EA		8" Scamozzi Capital And Base	400.19	15.78
05 14 13 00-0065	EA		10" Scamozzi Capital And Base	536.63	18.41
05 14 13 00-0066	EA		12" Scamozzi Capital And Base	1,082.22	21.04

05 Metals**05 10 Structural Metal Framing****05 14 Structural Aluminum Framing**MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST**05 15 Wire Rope Assemblies** (05 15)**05 15 16 Steel Wire Rope Assemblies** (05 15)**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.....	1.59	0.11
		For >500, Deduct.....	-0.28	
05 15 16 00-0003	LF	5/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	2.14	0.11
		For >500, Deduct.....	-0.37	
05 15 16 00-0004	LF	3/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	2.53	0.22
		For >500, Deduct.....	-0.42	
05 15 16 00-0005	LF	7/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	3.05	0.22
		For >500, Deduct.....	-0.50	
05 15 16 00-0006	LF	1/2" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	3.53	0.32
		For >500, Deduct.....	-0.56	
05 15 16 00-0007	LF	9/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	4.33	0.43
		For >500, Deduct.....	-0.67	
05 15 16 00-0008	LF	5/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	5.16	0.43
		For >500, Deduct.....	-0.80	
05 15 16 00-0009	LF	3/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	7.16	0.76
		For >500, Deduct.....	-1.09	
05 15 16 00-0010	LF	7/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	9.63	0.87
		For >500, Deduct.....	-1.46	
05 15 16 00-0011	LF	1" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	11.98	1.19
		For >500, Deduct.....	-1.78	
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.....	14.82	1.52
		For >500, Deduct.....	-2.20	
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.....	18.06	1.84
		For >500, Deduct.....	-2.68	

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.....	1.87	0.11
		For >500, Deduct.....	-0.34	
05 15 16 00-0016	LF	5/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	2.42	0.11
		For >500, Deduct.....	-0.43	
05 15 16 00-0017	LF	3/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	3.00	0.22
		For >500, Deduct.....	-0.52	
05 15 16 00-0018	LF	7/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	3.40	0.22
		For >500, Deduct.....	-0.57	
05 15 16 00-0019	LF	1/2" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	4.05	0.32
		For >500, Deduct.....	-0.66	
05 15 16 00-0020	LF	9/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	4.67	0.43
		For >500, Deduct.....	-0.74	
05 15 16 00-0021	LF	5/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	5.44	0.43
		For >500, Deduct.....	-0.85	
05 15 16 00-0022	LF	3/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	8.00	0.76
		For >500, Deduct.....	-1.26	
05 15 16 00-0023	LF	7/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	10.24	0.87
		For >500, Deduct.....	-1.58	
05 15 16 00-0024	LF	1" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	12.59	1.19
		For >500, Deduct.....	-1.92	
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.....	16.13	1.52
		For >500, Deduct.....	-2.45	
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.....	19.62	1.84
		For >500, Deduct.....	-2.99	



		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 00-0027	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.....	1.48		0.11
	For >500, Deduct	-0.26		
05 15 16 00-0029	LF 5/16" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	2.01		0.11
	For >500, Deduct	-0.34		
05 15 16 00-0030	LF 3/8" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	2.38		0.22
	For >500, Deduct	-0.39		
05 15 16 00-0031	LF 7/16" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	2.79		0.22
	For >500, Deduct	-0.44		
05 15 16 00-0032	LF 1/2" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	3.36		0.32
	For >500, Deduct	-0.52		
05 15 16 00-0033	LF 9/16" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	4.26		0.43
	For >500, Deduct	-0.66		
05 15 16 00-0034	LF 5/8" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	4.96		0.43
	For >500, Deduct	-0.76		
05 15 16 00-0035	LF 3/4" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	6.97		0.76
	For >500, Deduct	-1.05		
05 15 16 00-0036	LF 7/8" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	8.53		0.87
	For >500, Deduct	-1.24		
05 15 16 00-0037	LF 1" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	10.83		1.19
	For >500, Deduct	-1.55		
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.....	1.46		0.11
	For >500, Deduct	-0.25		
05 15 16 00-0040	LF 5/16" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	1.94		0.11
	For >500, Deduct	-0.33		
05 15 16 00-0041	LF 3/8" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	2.38		0.22
	For >500, Deduct	-0.39		
05 15 16 00-0042	LF 7/16" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	2.79		0.22
	For >500, Deduct	-0.44		
05 15 16 00-0043	LF 1/2" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	3.51		0.32
	For >500, Deduct	-0.55		
05 15 16 00-0044	LF 9/16" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	4.18		0.43
	For >500, Deduct	-0.64		
05 15 16 00-0045	LF 5/8" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	5.24		0.43
	For >500, Deduct	-0.81		
05 15 16 00-0046	LF 3/4" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	7.31		0.76
	For >500, Deduct	-1.12		
05 15 16 00-0047	LF 7/8" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	9.55		0.87
	For >500, Deduct	-1.45		
05 15 16 00-0048	LF 1" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	11.77		1.19
	For >500, Deduct	-1.75		
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.....	2.70		0.22
	For >500, Deduct	-0.46		
05 15 16 00-0051	LF 7/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....	3.16		0.22
	For >500, Deduct	-0.52		
05 15 16 00-0052	LF 1/2" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....	3.70		0.32
	For >500, Deduct	-0.59		
05 15 16 00-0053	LF 9/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....	4.99		0.43
	For >500, Deduct	-0.81		
05 15 16 00-0054	LF 5/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....	5.48		0.43
	For >500, Deduct	-0.86		
05 15 16 00-0055	LF 3/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....	7.47		0.76
	For >500, Deduct	-1.15		
05 15 16 00-0056	LF 7/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....	9.59		0.87
	For >500, Deduct	-1.45		
05 15 16 00-0057	LF 1" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....	12.64		1.19
	For >500, Deduct	-1.91		
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.....	15.30		1.52
	For >500, Deduct	-2.30		
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.....	18.47		1.84
	For >500, Deduct	-2.76		

05 Metals**05 10 Structural Metal Framing****05 15 Wire Rope Assemblies**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

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	2.78	0.22
		For >500, Deduct	-0.47	
05 15 16 00-0062	LF	7/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	3.35	0.22
		For >500, Deduct	-0.56	
05 15 16 00-0063	LF	1/2" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	3.96	0.32
		For >500, Deduct	-0.64	
05 15 16 00-0064	LF	9/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	5.54	0.43
		For >500, Deduct	-0.92	
05 15 16 00-0065	LF	5/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	5.57	0.43
		For >500, Deduct	-0.88	
05 15 16 00-0066	LF	3/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	7.66	0.76
		For >500, Deduct	-1.19	
05 15 16 00-0067	LF	7/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	10.15	0.87
		For >500, Deduct	-1.57	
05 15 16 00-0068	LF	1" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope	12.82	1.19
		For >500, Deduct	-1.95	
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	2.88	0.11
		For >500, Deduct	-0.54	
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	3.10	0.11
		For >500, Deduct	-0.56	
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	3.65	0.22
		For >500, Deduct	-0.65	
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	4.89	0.22
		For >500, Deduct	-0.86	
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	5.58	0.22
		For >500, Deduct	-1.00	
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	6.44	0.43
		For >500, Deduct	-1.10	
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	7.66	0.43
		For >500, Deduct	-1.30	
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	10.53	0.65
		For >500, Deduct	-1.77	
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	0.32	0.08
		For >500, Deduct	-0.04	
05 15 16 00-0080	LF	3/32" Diameter, 7x7, Galvanized Finish, Aircraft Cable	0.37	0.09
		For >500, Deduct	-0.05	
05 15 16 00-0081	LF	1/8" Diameter, 7x7, Galvanized Finish, Aircraft Cable	0.41	0.10
		For >500, Deduct	-0.05	
05 15 16 00-0082	LF	5/32" Diameter, 7x7, Galvanized Finish, Aircraft Cable	0.47	0.11
		For >500, Deduct	-0.06	
05 15 16 00-0083	LF	3/16" Diameter, 7x7, Galvanized Finish, Aircraft Cable	0.59	0.11
		For >500, Deduct	-0.08	
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	0.58	0.10
		For >500, Deduct	-0.08	
05 15 16 00-0086	LF	5/32" Diameter, 7x19, Galvanized Finish, Aircraft Cable	0.62	0.11
		For >500, Deduct	-0.09	
05 15 16 00-0087	LF	3/16" Diameter, 7x19, Galvanized Finish, Aircraft Cable	0.72	0.11
		For >500, Deduct	-0.10	
05 15 16 00-0088	LF	1/4" Diameter, 7x19, Galvanized Finish, Aircraft Cable	0.85	0.11
		For >500, Deduct	-0.13	
05 15 16 00-0089	LF	5/16" Diameter, 7x19, Galvanized Finish, Aircraft Cable	1.28	0.11
		For >500, Deduct	-0.20	



		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 00-0090	LF 3/8" Diameter, 7x19, Galvanized Finish, Aircraft Cable For >500, Deduct	1.71		0.11
		-0.26		
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.....	13.81		3.25
05 15 16 00-0093	EA 5/16" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble.....	15.65		3.25
05 15 16 00-0094	EA 3/8" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble.....	17.69		3.25
05 15 16 00-0095	EA 7/16" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble.....	23.30		3.25
05 15 16 00-0096	EA 1/2" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble.....	23.33		3.25
05 15 16 00-0097	EA 9/16" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble.....	23.33		3.25
05 15 16 00-0098	EA 5/8" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble.....	25.22		3.25
05 15 16 00-0099	EA 3/4" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble.....	46.07		4.99
05 15 16 00-0100	EA 7/8" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble.....	54.37		6.06
05 15 16 00-0101	EA 1" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble.....	96.76		9.96
05 15 16 00-0102	EA 1-1/8" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble.....	138.86		13.54
05 15 16 00-0103	EA 1-1/4" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble.....	138.86		13.54
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.....	16.40		3.25
05 15 16 00-0106	EA 3/16" Diameter, Galvanized Steel, Wire Rope Clip.....	16.75		3.25
05 15 16 00-0107	EA 1/4" Diameter, Galvanized Steel, Wire Rope Clip.....	19.11		3.25
05 15 16 00-0108	EA 5/16" Diameter, Galvanized Steel, Wire Rope Clip.....	19.48		3.25
05 15 16 00-0109	EA 3/8" Diameter, Galvanized Steel, Wire Rope Clip.....	20.01		3.25
05 15 16 00-0110	EA 7/16" Diameter, Galvanized Steel, Wire Rope Clip.....	25.08		3.25
05 15 16 00-0111	EA 1/2" Diameter, Galvanized Steel, Wire Rope Clip.....	25.47		3.25
05 15 16 00-0112	EA 9/16" Diameter, Galvanized Steel, Wire Rope Clip.....	29.14		3.25
05 15 16 00-0113	EA 5/8" Diameter, Galvanized Steel, Wire Rope Clip.....	29.67		3.25
05 15 16 00-0114	EA 3/4" Diameter, Galvanized Steel, Wire Rope Clip.....	40.69		4.33
05 15 16 00-0115	EA 7/8" Diameter, Galvanized Steel, Wire Rope Clip.....	60.89		6.50
05 15 16 00-0116	EA 1" Diameter, Galvanized Steel, Wire Rope Clip.....	66.92		6.50
05 15 16 00-0117	EA 1-1/8" Diameter, Galvanized Steel, Wire Rope Clip.....	78.68		8.66
05 15 16 00-0118	EA 1-1/4" Diameter, Galvanized Steel, Wire Rope Clip.....	114.28		13.01
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.....	91.94		3.25
05 15 16 00-0121	EA 5/16" Diameter, Steel, Open Swage Socket.....	146.78		3.25
05 15 16 00-0122	EA 3/8" Diameter, Steel, Open Swage Socket.....	151.07		4.33
05 15 16 00-0123	EA 7/16" Diameter, Steel, Open Swage Socket.....	179.54		5.42
05 15 16 00-0124	EA 1/2" Diameter, Steel, Open Swage Socket.....	179.54		5.42
05 15 16 00-0125	EA 9/16" Diameter, Steel, Open Swage Socket.....	262.24		11.92
05 15 16 00-0126	EA 5/8" Diameter, Steel, Open Swage Socket.....	262.24		11.92
05 15 16 00-0127	EA 3/4" Diameter, Steel, Open Swage Socket.....	334.35		22.75
05 15 16 00-0128	EA 7/8" Diameter, Steel, Open Swage Socket.....	449.90		32.50
05 15 16 00-0129	EA 1" Diameter, Steel, Open Swage Socket.....	632.86		49.84
05 15 16 00-0130	EA 1-1/8" Diameter, Steel, Open Swage Socket.....	829.69		78.01
05 15 16 00-0131	EA 1-1/4" Diameter, Steel, Open Swage Socket.....	965.98		89.93
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.....	73.90		3.25
05 15 16 00-0134	EA 5/16" Diameter, Steel, Closed Swage Socket.....	100.14		3.25
05 15 16 00-0135	EA 3/8" Diameter, Steel, Closed Swage Socket.....	100.14		3.25
05 15 16 00-0136	EA 7/16" Diameter, Steel, Closed Swage Socket.....	124.78		4.33
05 15 16 00-0137	EA 1/2" Diameter, Steel, Closed Swage Socket.....	125.98		4.33
05 15 16 00-0138	EA 9/16" Diameter, Steel, Closed Swage Socket.....	172.63		7.59
05 15 16 00-0139	EA 5/8" Diameter, Steel, Closed Swage Socket.....	177.79		8.66
05 15 16 00-0140	EA 3/4" Diameter, Steel, Closed Swage Socket.....	219.60		14.08
05 15 16 00-0141	EA 7/8" Diameter, Steel, Closed Swage Socket.....	283.59		20.58
05 15 16 00-0142	EA 1" Diameter, Steel, Closed Swage Socket.....	405.64		28.17
05 15 16 00-0143	EA 1-1/8" Diameter, Steel, Closed Swage Socket.....	502.38		39.01
05 15 16 00-0144	EA 1-1/4" Diameter, Steel, Closed Swage Socket.....	680.17		60.67
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.....	154.16		3.25
05 15 16 00-0147	EA 5/16" Galvanized Steel, Open Spelter Socket.....	158.06		3.25
05 15 16 00-0148	EA 3/8" Galvanized Steel, Open Spelter Socket.....	158.06		3.25
05 15 16 00-0149	EA 7/16" Galvanized Steel, Open Spelter Socket.....	176.30		6.50
05 15 16 00-0150	EA 1/2" Galvanized Steel, Open Spelter Socket.....	176.30		6.50
05 15 16 00-0151	EA 9/16" Galvanized Steel, Open Spelter Socket.....	230.90		10.83
05 15 16 00-0152	EA 5/8" Galvanized Steel, Open Spelter Socket.....	230.90		10.83
05 15 16 00-0153	EA 3/4" Galvanized Steel, Open Spelter Socket.....	292.07		16.25
05 15 16 00-0154	EA 7/8" Galvanized Steel, Open Spelter Socket.....	436.63		27.09
05 15 16 00-0155	EA 1" Galvanized Steel, Open Spelter Socket.....	795.05		42.25
05 15 16 00-0156	EA 1-1/8" Galvanized Steel, Open Spelter Socket.....	932.19		68.26
05 15 16 00-0157	EA 1-1/4" Galvanized Steel, Open Spelter Socket.....	1,260.17		89.93

05 Metals**05 10 Structural Metal Framing****05 15 Wire Rope Assemblies**MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST**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	129.20	3.25
05 15 16 00-0160	EA	5/16" Galvanized Steel, Closed Spelter Socket	129.71	3.25
05 15 16 00-0161	EA	3/8" Galvanized Steel, Closed Spelter Socket	129.71	3.25
05 15 16 00-0162	EA	7/16" Galvanized Steel, Closed Spelter Socket	145.13	5.42
05 15 16 00-0163	EA	1/2" Galvanized Steel, Closed Spelter Socket	145.13	5.42
05 15 16 00-0164	EA	9/16" Galvanized Steel, Closed Spelter Socket	202.79	9.75
05 15 16 00-0165	EA	5/8" Galvanized Steel, Closed Spelter Socket	202.79	9.75
05 15 16 00-0166	EA	3/4" Galvanized Steel, Closed Spelter Socket	248.35	14.08
05 15 16 00-0167	EA	7/8" Galvanized Steel, Closed Spelter Socket	362.51	21.67
05 15 16 00-0168	EA	1" Galvanized Steel, Closed Spelter Socket	547.29	33.59
05 15 16 00-0169	EA	1-1/8" Galvanized Steel, Closed Spelter Socket	716.35	45.51
05 15 16 00-0170	EA	1-1/4" Galvanized Steel, Closed Spelter Socket	902.10	60.67

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	89.73	3.25
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-11.69	
05 15 16 00-0173	EA	5/16" x 4-1/2", Forged Steel, Jaw And Jaw Turnbuckle	95.21	3.25
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-12.66	
05 15 16 00-0174	EA	3/8" x 6", Forged Steel, Jaw And Jaw Turnbuckle	107.21	3.25
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-14.46	
05 15 16 00-0175	EA	1/2" x 6", Forged Steel, Jaw And Jaw Turnbuckle	118.47	4.33
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-15.04	
05 15 16 00-0176	EA	1/2" x 9", Forged Steel, Jaw And Jaw Turnbuckle	156.01	5.42
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-20.01	
05 15 16 00-0177	EA	1/2" x 12", Forged Steel, Jaw And Jaw Turnbuckle	177.20	6.50
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-22.67	
05 15 16 00-0178	EA	5/8" x 6", Forged Steel, Jaw And Jaw Turnbuckle	179.97	8.66
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-21.99	
05 15 16 00-0179	EA	5/8" x 9", Forged Steel, Jaw And Jaw Turnbuckle	222.98	8.66
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-28.03	
05 15 16 00-0180	EA	5/8" x 12", Forged Steel, Jaw And Jaw Turnbuckle	253.33	9.75
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-32.19	
05 15 16 00-0181	EA	3/4" x 6", Forged Steel, Jaw And Jaw Turnbuckle	242.60	11.92
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-29.48	
05 15 16 00-0182	EA	3/4" x 9", Forged Steel, Jaw And Jaw Turnbuckle	275.88	14.08
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-32.83	
05 15 16 00-0183	EA	3/4" x 12", Forged Steel, Jaw And Jaw Turnbuckle	341.27	15.17
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-41.90	
05 15 16 00-0184	EA	3/4" x 18", Forged Steel, Jaw And Jaw Turnbuckle	410.55	18.42
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-50.37	
05 15 16 00-0185	EA	7/8" x 12", Forged Steel, Jaw And Jaw Turnbuckle	466.08	26.00
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-54.43	
05 15 16 00-0186	EA	7/8" x 18", Forged Steel, Jaw And Jaw Turnbuckle	565.64	30.34
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-66.79	
05 15 16 00-0187	EA	1" x 6", Forged Steel, Jaw And Jaw Turnbuckle	484.45	26.00
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-57.19	
05 15 16 00-0188	EA	1" x 12", Forged Steel, Jaw And Jaw Turnbuckle	553.16	33.59
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-62.66	
05 15 16 00-0189	EA	1" x 18", Forged Steel, Jaw And Jaw Turnbuckle	759.75	42.25
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-88.96	
05 15 16 00-0190	EA	1" x 24", Forged Steel, Jaw And Jaw Turnbuckle	848.89	49.84
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-97.78	
05 15 16 00-0191	EA	1-1/4" x 12", Forged Steel, Jaw And Jaw Turnbuckle	944.46	60.67
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-105.55	
05 15 16 00-0192	EA	1-1/4" x 18", Forged Steel, Jaw And Jaw Turnbuckle	1,141.65	68.26
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-130.62	
05 15 16 00-0193	EA	1-1/4" x 24", Forged Steel, Jaw And Jaw Turnbuckle	1,481.58	78.01
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-175.80	
05 15 16 00-0194	EA	1-1/2" x 12", Forged Steel, Jaw And Jaw Turnbuckle	1,463.02	83.43
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-169.45	
05 15 16 00-0195	EA	1-1/2" x 18", Forged Steel, Jaw And Jaw Turnbuckle	1,605.41	108.34
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-175.80	
05 15 16 00-0196	EA	1-1/2" x 24", Forged Steel, Jaw And Jaw Turnbuckle	2,906.95	140.85
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-354.78	
05 15 16 00-0197	EA	2" x 24", Forged Steel, Jaw And Jaw Turnbuckle	4,754.85	270.87
		For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct	-550.70	

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	17.94	
05 15 16 00-0200	EA	5/16" Diameter Thread, 7/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	18.03	
05 15 16 00-0201	EA	3/8" Diameter Thread, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	20.47	
05 15 16 00-0202	EA	7/16" Diameter Thread, 1-3/32" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	24.51	
05 15 16 00-0203	EA	1/2" Diameter Thread, 1-3/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	24.39	
05 15 16 00-0204	EA	5/8" Diameter Thread, 1-3/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	33.68	
05 15 16 00-0205	EA	3/4" Diameter Thread, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	40.76	
05 15 16 00-0206	EA	7/8" Diameter Thread, 1-11/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	55.45	
05 15 16 00-0207	EA	1" Diameter Thread, 1-13/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	74.96	
05 15 16 00-0208	EA	1-1/8" Diameter Thread, 2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	109.68	
05 15 16 00-0209	EA	1-1/4" Diameter Thread, 2-3/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	130.67	



		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 00-0210	EA	1-1/2" Diameter Thread, 2-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	239.06		
05 15 16 00-0211	EA	1-3/4" Diameter Thread, 2-7/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	274.34		
05 15 16 00-0212	EA	2" Diameter Thread, 3-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	339.68		
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	23.93		
05 15 16 00-0215	EA	1/4" Diameter Thread, 4" Shank Length, 1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	21.44		
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	29.57		
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	19.41		
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	26.68		
05 15 16 00-0219	EA	3/8" Diameter Thread, 3" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	40.85		
05 15 16 00-0220	EA	3/8" Diameter Thread, 4" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	39.54		
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	37.51		
05 15 16 00-0222	EA	3/8" Diameter Thread, 5" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	33.49		
05 15 16 00-0223	EA	3/8" Diameter Thread, 6" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	34.58		
05 15 16 00-0224	EA	1/2" Diameter Thread, 2" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	30.35		
05 15 16 00-0225	EA	1/2" Diameter Thread, 3" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	23.88		
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	31.53		
05 15 16 00-0227	EA	1/2" Diameter Thread, 4" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	43.54		
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	32.71		
05 15 16 00-0229	EA	1/2" Diameter Thread, 6" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	53.50		
05 15 16 00-0230	EA	1/2" Diameter Thread, 8" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	46.88		
05 15 16 00-0231	EA	1/2" Diameter Thread, 10" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	42.61		
05 15 16 00-0232	EA	1/2" Diameter Thread, 12" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	50.39		
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	51.09		
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	45.31		
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	57.40		
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	66.01		
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	76.36		
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	62.78		
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	62.84		
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	64.10		
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	71.00		
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	76.68		
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	89.90		
05 15 16 00-0244	EA	1" Diameter Thread, 8" Shank Length, 2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	119.47		
05 15 19 Stainless Steel Wire Rope Assemblies (05 15 19)					
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		0.08
		For >500, Deduct	-0.03		
05 15 19 00-0003	LF	3/32" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.34		0.09
		For >500, Deduct	-0.04		
05 15 19 00-0004	LF	1/8" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.44		0.10
		For >500, Deduct	-0.06		
05 15 19 00-0005	LF	5/32" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.56		0.11
		For >500, Deduct	-0.08		
05 15 19 00-0006	LF	3/16" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.71		0.11
		For >500, Deduct	-0.10		
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	0.50		0.10
		For >500, Deduct	-0.07		
05 15 19 00-0009	LF	5/32" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	0.57		0.11
		For >500, Deduct	-0.08		
05 15 19 00-0010	LF	3/16" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	0.67		0.11
		For >500, Deduct	-0.09		
05 15 19 00-0011	LF	1/4" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	0.84		0.11
		For >500, Deduct	-0.13		
05 15 19 00-0012	LF	5/16" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	1.28		0.11
		For >500, Deduct	-0.20		
05 15 19 00-0013	LF	3/8" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	1.91		0.22
		For >500, Deduct	-0.30		
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		0.08
		For >500, Deduct	-0.03		
05 15 19 00-0016	LF	3/32" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	0.34		0.09
		For >500, Deduct	-0.04		
05 15 19 00-0017	LF	1/8" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	0.44		0.10
		For >500, Deduct	-0.06		
05 15 19 00-0018	LF	5/32" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	0.56		0.11
		For >500, Deduct	-0.08		
05 15 19 00-0019	LF	3/16" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	0.71		0.11
		For >500, Deduct	-0.10		

05 Metals**05 10 Structural Metal Framing****05 15 Wire Rope Assemblies**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

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	0.50	0.10
	For >500, Deduct	-0.07	
05 15 19 00-0022	LF 5/32" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	0.57	0.11
	For >500, Deduct	-0.08	
05 15 19 00-0023	LF 3/16" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	0.67	0.11
	For >500, Deduct	-0.09	
05 15 19 00-0024	LF 1/4" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	0.84	0.11
	For >500, Deduct	-0.13	
05 15 19 00-0025	LF 5/16" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	1.28	0.11
	For >500, Deduct	-0.20	
05 15 19 00-0026	LF 3/8" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable	1.91	0.11
	For >500, Deduct	-0.30	

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	2,680.22	194.50
	For Welded Cross Bridging, Add	243.13	
	For Shop Prime Paint Other Than Manufacturer's Standard, Add	224.37	
05 21 19 00-0003	TON H, J Or K Open Web Joist, >30' To 50' Span, Steel, Horizontal Bridging	2,456.61	182.34
	For Welded Cross Bridging, Add	216.11	
	For Shop Prime Paint Other Than Manufacturer's Standard, Add	208.35	
05 21 19 00-0004	TON LJ Or LH Open Web Joist, Up To 96' Span, Steel, Bolted Cross Bridging	2,948.50	182.34
	For Welded Cross Bridging, Add	224.43	
	For Shop Prime Paint Other Than Manufacturer's Standard, Add	264.05	
05 21 19 00-0005	TON DLJ Or DLH Open Web Joist, Up To 144' Span, Steel, Bolted Cross Bridging	3,339.68	182.34
	For Welded Cross Bridging, Add	224.43	
	For Shop Prime Paint Other Than Manufacturer's Standard, Add	310.99	
05 21 19 00-0006	TON CS Open Web Joist, Up To 30' Span, Steel, Horizontal Bridging	2,961.94	182.34
	For Welded Cross Bridging, Add	243.13	
	For Shop Prime Paint Other Than Manufacturer's Standard, Add	258.18	
05 21 19 00-0007	TON SLH Open Web Joist, Up To 200' Span, Steel, Bolted Cross Bridging	3,681.97	182.34
	For Welded Cross Bridging, Add	224.43	
	For Shop Prime Paint Other Than Manufacturer's Standard, Add	352.07	

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	3.16	0.49
	For Site Installed Insulation Between Ribs, Add	0.84	
	For Painted, Deduct	-0.13	
	For Perforated Or Slotted, Add	0.13	
	For Up To 100, Add	0.87	
	For >100 To 500, Add	0.50	
	For >500 To 1,500, Add	0.15	
05 31 13 00-0003	SF 1" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck	3.60	0.57
	For Site Installed Insulation Between Ribs, Add	0.95	
	For Painted, Deduct	-0.14	
	For Perforated Or Slotted, Add	0.14	
	For Up To 100, Add	1.00	
	For >100 To 500, Add	0.57	
	For >500 To 1,500, Add	0.18	
05 31 13 00-0004	SF 1" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	4.51	0.69
	For Site Installed Insulation Between Ribs, Add	1.19	
	For Painted, Deduct	-0.18	
	For Perforated Or Slotted, Add	0.18	
	For Up To 100, Add	1.23	
	For >100 To 500, Add	0.71	
	For >500 To 1,500, Add	0.22	
05 31 13 00-0005	SF 1-1/2" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck	3.47	0.55
	For Site Installed Insulation Between Ribs, Add	0.92	
	For Painted, Deduct	-0.14	
	For Perforated Or Slotted, Add	0.14	
	For Up To 100, Add	0.97	
	For >100 To 500, Add	0.55	
	For >500 To 1,500, Add	0.17	



Metals			05	05
Metal Decking			05 30	
Steel Decking			05 31	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 31 13 00-0006	SF	1-1/2" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck	.....	3.99	0.63
		For Site Installed Insulation Between Ribs, Add	.....	1.06	
		For Painted, Deduct	.....	-0.16	
		For Perforated Or Slotted, Add	.....	0.16	
		For Up To 100, Add	.....	1.11	
		For >100 To 500, Add	.....	0.64	
		For >500 To 1,500, Add	.....	0.20	
05 31 13 00-0007	SF	1-1/2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	.....	5.00	0.77
		For Site Installed Insulation Between Ribs, Add	.....	1.32	
		For Painted, Deduct	.....	-0.20	
		For Perforated Or Slotted, Add	.....	0.20	
		For Up To 100, Add	.....	1.36	
		For >100 To 500, Add	.....	0.79	
		For >500 To 1,500, Add	.....	0.24	
05 31 13 00-0008	SF	2" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck	.....	3.92	0.58
		For Site Installed Insulation Between Ribs, Add	.....	1.03	
		For Painted, Deduct	.....	-0.16	
		For Perforated Or Slotted, Add	.....	0.16	
		For Up To 100, Add	.....	1.04	
		For >100 To 500, Add	.....	0.61	
		For >500 To 1,500, Add	.....	0.18	
05 31 13 00-0009	SF	2" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck	.....	4.56	0.67
		For Site Installed Insulation Between Ribs, Add	.....	1.20	
		For Painted, Deduct	.....	-0.19	
		For Perforated Or Slotted, Add	.....	0.19	
		For Up To 100, Add	.....	1.20	
		For >100 To 500, Add	.....	0.71	
		For >500 To 1,500, Add	.....	0.21	
05 31 13 00-0010	SF	2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	.....	5.61	0.75
		For Site Installed Insulation Between Ribs, Add	.....	1.47	
		For Painted, Deduct	.....	-0.23	
		For Perforated Or Slotted, Add	.....	0.23	
		For Up To 100, Add	.....	1.40	
		For >100 To 500, Add	.....	0.84	
		For >500 To 1,500, Add	.....	0.23	
05 31 13 00-0011	SF	2" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck	.....	7.06	0.81
		For Site Installed Insulation Between Ribs, Add	.....	1.84	
		For Painted, Deduct	.....	-0.30	
		For Perforated Or Slotted, Add	.....	0.30	
		For Up To 100, Add	.....	1.62	
		For >100 To 500, Add	.....	1.01	
		For >500 To 1,500, Add	.....	0.26	
05 31 13 00-0012	SF	3" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck	.....	4.38	0.61
		For Site Installed Insulation Between Ribs, Add	.....	1.15	
		For Painted, Deduct	.....	-0.18	
		For Perforated Or Slotted, Add	.....	0.18	
		For Up To 100, Add	.....	1.12	
		For >100 To 500, Add	.....	0.67	
		For >500 To 1,500, Add	.....	0.19	
05 31 13 00-0013	SF	3" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck	.....	5.12	0.69
		For Site Installed Insulation Between Ribs, Add	.....	1.35	
		For Painted, Deduct	.....	-0.21	
		For Perforated Or Slotted, Add	.....	0.21	
		For Up To 100, Add	.....	1.29	
		For >100 To 500, Add	.....	0.77	
		For >500 To 1,500, Add	.....	0.22	
05 31 13 00-0014	SF	3" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	.....	6.38	0.85
		For Site Installed Insulation Between Ribs, Add	.....	1.67	
		For Painted, Deduct	.....	-0.27	
		For Perforated Or Slotted, Add	.....	0.27	
		For Up To 100, Add	.....	1.60	
		For >100 To 500, Add	.....	0.96	
		For >500 To 1,500, Add	.....	0.27	
05 31 13 00-0015	SF	3" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck	.....	8.04	1.04
		For Site Installed Insulation Between Ribs, Add	.....	2.11	
		For Painted, Deduct	.....	-0.34	
		For Perforated Or Slotted, Add	.....	0.34	
		For Up To 100, Add	.....	1.97	
		For >100 To 500, Add	.....	1.19	
		For >500 To 1,500, Add	.....	0.33	
05 31 13 00-0016	SF	4-1/2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	.....	11.63	
		For Site Installed Insulation Between Ribs, Add	.....	2.98	
		For Painted, Deduct	.....	-0.54	
		For Perforated Or Slotted, Add	.....	0.54	
		For Up To 100, Add	.....	2.00	
		For >100 To 500, Add	.....	1.44	
		For >500 To 1,500, Add	.....	0.23	
05 31 13 00-0017	SF	4-1/2" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck	.....	14.68	0.85
		For Site Installed Insulation Between Ribs, Add	.....	3.75	
		For Painted, Deduct	.....	-0.68	
		For Perforated Or Slotted, Add	.....	0.68	
		For Up To 100, Add	.....	2.43	
		For >100 To 500, Add	.....	1.79	
		For >500 To 1,500, Add	.....	0.27	

05	05	Metals
	05 30	Metal Decking
	05 31	Steel Decking



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 31 13 00-0018	SF		6" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck	13.63	0.85
			For Site Installed Insulation Between Ribs, Add	3.49	
			For Painted, Deduct	-0.63	
			For Perforated Or Slotted, Add	0.63	
			For Up To 100, Add	2.33	
			For >100 To 500, Add	1.68	
			For >500 To 1,500, Add	0.27	
05 31 13 00-0019	SF		6" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	14.29	1.04
			For Site Installed Insulation Between Ribs, Add	3.67	
			For Painted, Deduct	-0.65	
			For Perforated Or Slotted, Add	0.65	
			For Up To 100, Add	2.60	
			For >100 To 500, Add	1.82	
			For >500 To 1,500, Add	0.33	
05 31 13 00-0020	SF		6" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck	17.83	1.26
			For Site Installed Insulation Between Ribs, Add	4.58	
			For Painted, Deduct	-0.81	
			For Perforated Or Slotted, Add	0.81	
			For Up To 100, Add	3.20	
			For >100 To 500, Add	2.25	
			For >500 To 1,500, Add	0.39	
05 31 13 00-0021	SF		7-1/2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck	15.79	1.14
			For Site Installed Insulation Between Ribs, Add	4.05	
			For Painted, Deduct	-0.72	
			For Perforated Or Slotted, Add	0.72	
			For Up To 100, Add	2.86	
			For >100 To 500, Add	2.01	
			For >500 To 1,500, Add	0.36	
05 31 13 00-0022	SF		7-1/2" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck	19.68	1.38
			For Site Installed Insulation Between Ribs, Add	5.05	
			For Painted, Deduct	-0.90	
			For Perforated Or Slotted, Add	0.90	
			For Up To 100, Add	3.53	
			For >100 To 500, Add	2.49	
			For >500 To 1,500, Add	0.43	
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	10.44	0.87
			For Site Installed Insulation Between Ribs, Add	2.69	
			For Painted, Deduct	-0.47	
			For Perforated Or Slotted, Add	0.47	
			For Insulated Cells, Add	2.10	
			For Up To 100, Add	2.03	
			For >100 To 500, Add	1.37	
			For >500 To 1,500, Add	0.28	
05 31 13 00-0025	SF		1" Deep, 18/18 Gauge Cellular Galvanized Steel Deck	11.34	1.16
			For Site Installed Insulation Between Ribs, Add	2.94	
			For Painted, Deduct	-0.49	
			For Perforated Or Slotted, Add	0.49	
			For Insulated Cells, Add	2.23	
			For Up To 100, Add	2.44	
			For >100 To 500, Add	1.57	
			For >500 To 1,500, Add	0.36	
05 31 13 00-0026	SF		1-1/2" Deep, 22/18 Gauge Cellular Galvanized Steel Deck	12.81	0.91
			For Site Installed Insulation Between Ribs, Add	3.29	
			For Painted, Deduct	-0.58	
			For Perforated Or Slotted, Add	0.58	
			For Insulated Cells, Add	2.62	
			For Up To 100, Add	2.32	
			For >100 To 500, Add	1.63	
			For >500 To 1,500, Add	0.29	
05 31 13 00-0027	SF		1-1/2" Deep, 18/18 Gauge Cellular Galvanized Steel Deck	13.85	1.22
			For Site Installed Insulation Between Ribs, Add	3.58	
			For Painted, Deduct	-0.62	
			For Perforated Or Slotted, Add	0.62	
			For Insulated Cells, Add	2.77	
			For Up To 100, Add	2.75	
			For >100 To 500, Add	1.84	
			For >500 To 1,500, Add	0.38	
05 31 13 00-0028	SF		3" Deep, 20/18 Gauge Cellular Galvanized Steel Deck	14.66	1.12
			For Site Installed Insulation Between Ribs, Add	3.77	
			For Painted, Deduct	-0.66	
			For Perforated Or Slotted, Add	0.66	
			For Insulated Cells, Add	2.99	
			For Up To 100, Add	2.70	
			For >100 To 500, Add	1.88	
			For >500 To 1,500, Add	0.34	



			Metals	05	05
			Metal Decking	05 30	
			Steel Decking	05 31	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 31 13 00-0029	SF		3" Deep, 18/18 Gauge Cellular Galvanized Steel Deck.....	17.53	1.28
			For Site Installed Insulation Between Ribs, Add	4.50	
			For Painted, Deduct	-0.60	
			For Perforated Or Slotted, Add	0.60	
			For Insulated Cells, Add	3.58	
			For Up To 100, Add	3.19	
			For >100 To 500, Add	2.23	
			For >500 To 1,500, Add	0.40	
05 31 13 00-0030	SF		3" Deep, 18/16 Gauge Cellular Galvanized Steel Deck.....	19.66	1.38
			For Site Installed Insulation Between Ribs, Add	5.04	
			For Painted, Deduct	-0.90	
			For Perforated Or Slotted, Add	0.90	
			For Insulated Cells, Add	4.03	
			For Up To 100, Add	3.52	
			For >100 To 500, Add	2.49	
			For >500 To 1,500, Add	0.43	
05 31 13 00-0031	SF		3" Deep, 16/16 Gauge Cellular Galvanized Steel Deck.....	21.26	1.48
			For Site Installed Insulation Between Ribs, Add	5.45	
			For Painted, Deduct	-0.97	
			For Perforated Or Slotted, Add	0.97	
			For Insulated Cells, Add	4.37	
			For Up To 100, Add	3.80	
			For >100 To 500, Add	2.68	
			For >500 To 1,500, Add	0.47	
05 31 13 00-0032	SF		4-1/2" Deep, 20/18 Gauge Cellular Galvanized Steel Deck.....	22.77	1.12
			For Site Installed Insulation Between Ribs, Add	5.80	
			For Painted, Deduct	-1.07	
			For Perforated Or Slotted, Add	1.07	
			For Insulated Cells, Add	4.81	
			For Up To 100, Add	3.54	
			For >100 To 500, Add	2.70	
			For >500 To 1,500, Add	0.35	
05 31 13 00-0033	SF		4-1/2" Deep, 18/18 Gauge Cellular Galvanized Steel Deck.....	24.21	1.30
			For Site Installed Insulation Between Ribs, Add	6.17	
			For Painted, Deduct	-1.13	
			For Perforated Or Slotted, Add	1.13	
			For Insulated Cells, Add	5.08	
			For Up To 100, Add	3.89	
			For >100 To 500, Add	2.91	
			For >500 To 1,500, Add	0.41	
05 31 13 00-0034	SF		4-1/2" Deep, 16/16 Gauge Cellular Galvanized Steel Deck.....	25.59	1.40
			For Site Installed Insulation Between Ribs, Add	6.53	
			For Painted, Deduct	-1.19	
			For Perforated Or Slotted, Add	1.19	
			For Insulated Cells, Add	5.36	
			For Up To 100, Add	4.14	
			For >100 To 500, Add	3.09	
			For >500 To 1,500, Add	0.44	
05 31 13 00-0035	SF		4-1/2" Deep, 16/16 Gauge Cellular Galvanized Steel Deck.....	27.28	1.50
			For Site Installed Insulation Between Ribs, Add	6.96	
			For Painted, Deduct	-1.27	
			For Perforated Or Slotted, Add	1.27	
			For Insulated Cells, Add	5.72	
			For Up To 100, Add	4.42	
			For >100 To 500, Add	3.29	
			For >500 To 1,500, Add	0.47	

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.....	2.84	
			For Painted, Deduct	-0.10	
			For Perforated Or Slotted, Add	0.10	
			For Up To 100, Add	1.10	
			For >100 To 500, Add	0.56	
			For >500 To 1,500, Add	0.23	
05 31 33 00-0003	SF		9/16" Deep, 26 Gauge Open Ribbed Galvanized Steel Form Deck.....	3.02	
			For Painted, Deduct	-0.10	
			For Perforated Or Slotted, Add	0.10	
			For Up To 100, Add	1.17	
			For >100 To 500, Add	0.59	
			For >500 To 1,500, Add	0.24	
05 31 33 00-0004	SF		9/16" Deep, 24 Gauge Open Ribbed Galvanized Steel Form Deck.....	3.35	
			For Painted, Deduct	-0.11	
			For Perforated Or Slotted, Add	0.11	
			For Up To 100, Add	1.34	
			For >100 To 500, Add	0.67	
			For >500 To 1,500, Add	0.28	

05 Metals**05 30 Metal Decking****05 31 Steel Decking**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 31 33 00-0005	SF		9/16" Deep, 22 Gauge Open Ribbed Galvanized Steel Form Deck.....	3.62	
			For Painted, Deduct	-0.12	
			For Perforated Or Slotted, Add	0.12	
			For Up To 100, Add	1.51	
			For >100 To 500, Add	0.74	
			For >500 To 1,500, Add	0.32	
05 31 33 00-0006	SF		15/16" Deep, 26 Gauge Open Ribbed Galvanized Steel Form Deck.....	3.42	
			For Painted, Deduct	-0.12	
			For Perforated Or Slotted, Add	0.12	
			For Up To 100, Add	1.21	
			For >100 To 500, Add	0.63	
			For >500 To 1,500, Add	0.24	
05 31 33 00-0007	SF		15/16" Deep, 25 Gauge Open Ribbed Galvanized Steel Form Deck.....	3.60	
			For Painted, Deduct	-0.13	
			For Perforated Or Slotted, Add	0.13	
			For Up To 100, Add	1.28	
			For >100 To 500, Add	0.67	
			For >500 To 1,500, Add	0.26	
05 31 33 00-0008	SF		15/16" Deep, 24 Gauge Open Ribbed Galvanized Steel Form Deck.....	3.79	
			For Painted, Deduct	-0.13	
			For Perforated Or Slotted, Add	0.13	
			For Up To 100, Add	1.39	
			For >100 To 500, Add	0.72	
			For >500 To 1,500, Add	0.28	
05 31 33 00-0009	SF		15/16" Deep, 22 Gauge Open Ribbed Galvanized Steel Form Deck.....	4.04	
			For Painted, Deduct	-0.14	
			For Perforated Or Slotted, Add	0.14	
			For Up To 100, Add	1.55	
			For >100 To 500, Add	0.79	
			For >500 To 1,500, Add	0.32	
05 31 33 00-0010	SF		1-15/16" Deep, 26 Gauge Open Ribbed Galvanized Steel Form Deck.....	4.26	
			For Painted, Deduct	-0.15	
			For Perforated Or Slotted, Add	0.15	
			For Up To 100, Add	1.61	
			For >100 To 500, Add	0.82	
			For >500 To 1,500, Add	0.33	
05 31 33 00-0011	SF		1-15/16" Deep, 24 Gauge Open Ribbed Galvanized Steel Form Deck.....	4.65	
			For Painted, Deduct	-0.16	
			For Perforated Or Slotted, Add	0.16	
			For Up To 100, Add	1.70	
			For >100 To 500, Add	0.88	
			For >500 To 1,500, Add	0.34	
05 31 33 00-0012	SF		1-15/16" Deep, 22 Gauge Open Ribbed Galvanized Steel Form Deck.....	5.33	
			For Painted, Deduct	-0.19	
			For Perforated Or Slotted, Add	0.19	
			For Up To 100, Add	1.86	
			For >100 To 500, Add	0.97	
			For >500 To 1,500, Add	0.37	
05 31 33 00-0013	SF		1-15/16" Deep, 20 Gauge Open Ribbed Galvanized Steel Form Deck.....	5.91	
			For Painted, Deduct	-0.21	
			For Perforated Or Slotted, Add	0.21	
			For Up To 100, Add	2.10	
			For >100 To 500, Add	1.10	
			For >500 To 1,500, Add	0.42	

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.....	4.30	
			For Painted, Deduct	-0.15	
			For Perforated Or Slotted, Add	0.15	
			For Up To 100, Add	1.62	
			For >100 To 500, Add	0.83	
			For >500 To 1,500, Add	0.33	
05 36 00 00-0003	SF		1-1/2" Deep, 20 Gauge Composite Open Ribbed Galvanized Steel Deck.....	4.59	
			For Painted, Deduct	-0.16	
			For Perforated Or Slotted, Add	0.16	
			For Up To 100, Add	1.78	
			For >100 To 500, Add	0.90	
			For >500 To 1,500, Add	0.37	
05 36 00 00-0004	SF		1-1/2" Deep, 18 Gauge Composite Open Ribbed Galvanized Steel Deck.....	5.13	
			For Painted, Deduct	-0.17	
			For Perforated Or Slotted, Add	0.17	
			For Up To 100, Add	2.16	
			For >100 To 500, Add	1.06	
			For >500 To 1,500, Add	0.46	
05 36 00 00-0005	SF		1-1/2" Deep, 16 Gauge Composite Open Ribbed Galvanized Steel Deck.....	5.59	
			For Painted, Deduct	-0.17	
			For Perforated Or Slotted, Add	0.17	
			For Up To 100, Add	2.52	
			For >100 To 500, Add	1.21	
			For >500 To 1,500, Add	0.55	



			Metals	05
			Metal Decking	05 30
			Composite Metal Decking	05 36

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 36 00 00-0006	SF	2"	Deep, 22 Gauge Composite Open Ribbed Galvanized Steel Deck.....	4.59	
			For Painted, Deduct	-0.16	
			For Perforated Or Slotted, Add	0.16	
			For Up To 100, Add	1.78	
			For >100 To 500, Add	0.90	
			For >500 To 1,500, Add	0.37	
05 36 00 00-0007	SF	2"	Deep, 20 Gauge Composite Open Ribbed Galvanized Steel Deck.....	4.97	
			For Painted, Deduct	-0.17	
			For Perforated Or Slotted, Add	0.17	
			For Up To 100, Add	1.96	
			For >100 To 500, Add	0.99	
			For >500 To 1,500, Add	0.41	
05 36 00 00-0008	SF	2"	Deep, 18 Gauge Composite Open Ribbed Galvanized Steel Deck.....	5.50	
			For Painted, Deduct	-0.18	
			For Perforated Or Slotted, Add	0.18	
			For Up To 100, Add	2.33	
			For >100 To 500, Add	1.14	
			For >500 To 1,500, Add	0.50	
05 36 00 00-0009	SF	2"	Deep, 16 Gauge Composite Open Ribbed Galvanized Steel Deck.....	6.01	
			For Painted, Deduct	-0.18	
			For Perforated Or Slotted, Add	0.18	
			For Up To 100, Add	2.72	
			For >100 To 500, Add	1.31	
			For >500 To 1,500, Add	0.59	
05 36 00 00-0010	SF	3"	Deep, 22 Gauge Composite Open Ribbed Galvanized Steel Deck.....	4.82	
			For Painted, Deduct	-0.17	
			For Perforated Or Slotted, Add	0.17	
			For Up To 100, Add	1.85	
			For >100 To 500, Add	0.94	
			For >500 To 1,500, Add	0.38	
05 36 00 00-0011	SF	3"	Deep, 20 Gauge Composite Open Ribbed Galvanized Steel Deck.....	5.18	
			For Painted, Deduct	-0.17	
			For Perforated Or Slotted, Add	0.17	
			For Up To 100, Add	2.08	
			For >100 To 500, Add	1.04	
			For >500 To 1,500, Add	0.43	
05 36 00 00-0012	SF	3"	Deep, 18 Gauge Composite Open Ribbed Galvanized Steel Deck.....	5.79	
			For Painted, Deduct	-0.18	
			For Perforated Or Slotted, Add	0.18	
			For Up To 100, Add	2.50	
			For >100 To 500, Add	1.22	
			For >500 To 1,500, Add	0.53	
05 36 00 00-0013	SF	3"	Deep, 16 Gauge Composite Open Ribbed Galvanized Steel Deck.....	6.47	
			For Painted, Deduct	-0.20	
			For Perforated Or Slotted, Add	0.20	
			For Up To 100, Add	2.94	
			For >100 To 500, Add	1.41	
			For >500 To 1,500, Add	0.64	
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.....	7.90	
			For Site Installed Insulation Between Ribs, Add	2.15	
			For Painted, Deduct	-0.28	
			For Perforated Or Slotted, Add	0.28	
			For Insulated Cells, Add	1.24	
			For Up To 100, Add	2.95	
			For >100 To 500, Add	1.51	
			For >500 To 1,500, Add	0.60	
05 36 00 00-0016	SF	1-1/2"	Deep, 20/18 Gauge Composite Cellular Galvanized Steel Deck.....	8.43	
			For Site Installed Insulation Between Ribs, Add	2.31	
			For Painted, Deduct	-0.29	
			For Perforated Or Slotted, Add	0.29	
			For Insulated Cells, Add	1.30	
			For Up To 100, Add	3.23	
			For >100 To 500, Add	1.64	
			For >500 To 1,500, Add	0.66	
05 36 00 00-0017	SF	1-1/2"	Deep, 18/20 Gauge Composite Cellular Galvanized Steel Deck.....	8.53	
			For Site Installed Insulation Between Ribs, Add	2.34	
			For Painted, Deduct	-0.29	
			For Perforated Or Slotted, Add	0.29	
			For Insulated Cells, Add	1.30	
			For Up To 100, Add	3.33	
			For >100 To 500, Add	1.68	
			For >500 To 1,500, Add	0.69	
05 36 00 00-0018	SF	1-1/2"	Deep, 18/18 Gauge Composite Cellular Galvanized Steel Deck.....	9.06	
			For Site Installed Insulation Between Ribs, Add	2.49	
			For Painted, Deduct	-0.30	
			For Perforated Or Slotted, Add	0.30	
			For Insulated Cells, Add	1.35	
			For Up To 100, Add	3.66	
			For >100 To 500, Add	1.82	
			For >500 To 1,500, Add	0.77	

05	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 00-0019	SF	1-1/2" Deep, 18/16 Gauge Composite Cellular Galvanized Steel Deck	.....	9.70	
		For Site Installed Insulation Between Ribs, Add		2.67	
		For Painted, Deduct		-0.32	
		For Perforated Or Slotted, Add		0.32	
		For Insulated Cells, Add		1.44	
		For Up To 100, Add		3.95	
		For >100 To 500, Add		1.96	
		For >500 To 1,500, Add		0.83	
05 36 00 00-0020	SF	1-1/2" Deep, 16/18 Gauge Composite Cellular Galvanized Steel Deck	.....	9.80	
		For Site Installed Insulation Between Ribs, Add		2.71	
		For Painted, Deduct		-0.32	
		For Perforated Or Slotted, Add		0.32	
		For Insulated Cells, Add		1.44	
		For Up To 100, Add		4.05	
		For >100 To 500, Add		2.00	
		For >500 To 1,500, Add		0.85	
05 36 00 00-0021	SF	1-1/2" Deep, 16/16 Gauge Composite Cellular Galvanized Steel Deck	.....	10.33	
		For Site Installed Insulation Between Ribs, Add		2.86	
		For Painted, Deduct		-0.33	
		For Perforated Or Slotted, Add		0.33	
		For Insulated Cells, Add		1.49	
		For Up To 100, Add		4.38	
		For >100 To 500, Add		2.15	
		For >500 To 1,500, Add		0.93	
05 36 00 00-0022	SF	2" Deep, 20/20 Gauge Composite Cellular Galvanized Steel Deck	.....	8.15	
		For Site Installed Insulation Between Ribs, Add		2.23	
		For Painted, Deduct		-0.28	
		For Perforated Or Slotted, Add		0.28	
		For Insulated Cells, Add		1.26	
		For Up To 100, Add		3.11	
		For >100 To 500, Add		1.58	
		For >500 To 1,500, Add		0.64	
05 36 00 00-0023	SF	2" Deep, 20/18 Gauge Composite Cellular Galvanized Steel Deck	.....	8.60	
		For Site Installed Insulation Between Ribs, Add		2.36	
		For Painted, Deduct		-0.29	
		For Perforated Or Slotted, Add		0.29	
		For Insulated Cells, Add		1.32	
		For Up To 100, Add		3.34	
		For >100 To 500, Add		1.69	
		For >500 To 1,500, Add		0.69	
05 36 00 00-0024	SF	2" Deep, 18/20 Gauge Composite Cellular Galvanized Steel Deck	.....	8.70	
		For Site Installed Insulation Between Ribs, Add		2.39	
		For Painted, Deduct		-0.29	
		For Perforated Or Slotted, Add		0.29	
		For Insulated Cells, Add		1.32	
		For Up To 100, Add		3.44	
		For >100 To 500, Add		1.73	
		For >500 To 1,500, Add		0.71	
05 36 00 00-0025	SF	2" Deep, 18/18 Gauge Composite Cellular Galvanized Steel Deck	.....	9.34	
		For Site Installed Insulation Between Ribs, Add		2.57	
		For Painted, Deduct		-0.31	
		For Perforated Or Slotted, Add		0.31	
		For Insulated Cells, Add		1.39	
		For Up To 100, Add		3.78	
		For >100 To 500, Add		1.88	
		For >500 To 1,500, Add		0.79	
05 36 00 00-0026	SF	2" Deep, 18/16 Gauge Composite Cellular Galvanized Steel Deck	.....	9.87	
		For Site Installed Insulation Between Ribs, Add		2.72	
		For Painted, Deduct		-0.32	
		For Perforated Or Slotted, Add		0.32	
		For Insulated Cells, Add		1.45	
		For Up To 100, Add		4.06	
		For >100 To 500, Add		2.01	
		For >500 To 1,500, Add		0.85	
05 36 00 00-0027	SF	2" Deep, 16/18 Gauge Composite Cellular Galvanized Steel Deck	.....	10.03	
		For Site Installed Insulation Between Ribs, Add		2.77	
		For Painted, Deduct		-0.32	
		For Perforated Or Slotted, Add		0.32	
		For Insulated Cells, Add		1.45	
		For Up To 100, Add		4.22	
		For >100 To 500, Add		2.07	
		For >500 To 1,500, Add		0.89	
05 36 00 00-0028	SF	2" Deep, 16/16 Gauge Composite Cellular Galvanized Steel Deck	.....	10.57	
		For Site Installed Insulation Between Ribs, Add		2.93	
		For Painted, Deduct		-0.34	
		For Perforated Or Slotted, Add		0.34	
		For Insulated Cells, Add		1.52	
		For Up To 100, Add		4.50	
		For >100 To 500, Add		2.20	
		For >500 To 1,500, Add		0.96	



	Metals	05	
	Metal Decking	05 30	05
	Composite Metal Decking	05 36	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 36 00 00-0029 SF 3" Deep, 20/20 Gauge Composite Cellular Galvanized Steel Deck.....	8.19	
For Site Installed Insulation Between Ribs, Add	2.24	
For Painted, Deduct	-0.28	
For Perforated Or Slotted, Add	0.28	
For Insulated Cells, Add	1.27	
For Up To 100, Add	3.11	
For >100 To 500, Add	1.58	
For >500 To 1,500, Add	0.64	
05 36 00 00-0030 SF 3" Deep, 20/18 Gauge Composite Cellular Galvanized Steel Deck.....	8.65	
For Site Installed Insulation Between Ribs, Add	2.37	
For Painted, Deduct	-0.29	
For Perforated Or Slotted, Add	0.29	
For Insulated Cells, Add	1.32	
For Up To 100, Add	3.39	
For >100 To 500, Add	1.71	
For >500 To 1,500, Add	0.70	
05 36 00 00-0031 SF 3" Deep, 18/20 Gauge Composite Cellular Galvanized Steel Deck.....	8.81	
For Site Installed Insulation Between Ribs, Add	2.42	
For Painted, Deduct	-0.29	
For Perforated Or Slotted, Add	0.29	
For Insulated Cells, Add	1.32	
For Up To 100, Add	3.55	
For >100 To 500, Add	1.77	
For >500 To 1,500, Add	0.74	
05 36 00 00-0032 SF 3" Deep, 18/18 Gauge Composite Cellular Galvanized Steel Deck.....	9.42	
For Site Installed Insulation Between Ribs, Add	2.60	
For Painted, Deduct	-0.31	
For Perforated Or Slotted, Add	0.31	
For Insulated Cells, Add	1.40	
For Up To 100, Add	3.83	
For >100 To 500, Add	1.91	
For >500 To 1,500, Add	0.80	
05 36 00 00-0033 SF 3" Deep, 18/16 Gauge Composite Cellular Galvanized Steel Deck.....	10.03	
For Site Installed Insulation Between Ribs, Add	2.77	
For Painted, Deduct	-0.33	
For Perforated Or Slotted, Add	0.33	
For Insulated Cells, Add	1.48	
For Up To 100, Add	4.12	
For >100 To 500, Add	2.04	
For >500 To 1,500, Add	0.87	
05 36 00 00-0034 SF 3" Deep, 16/18 Gauge Composite Cellular Galvanized Steel Deck.....	10.24	
For Site Installed Insulation Between Ribs, Add	2.83	
For Painted, Deduct	-0.33	
For Perforated Or Slotted, Add	0.33	
For Insulated Cells, Add	1.48	
For Up To 100, Add	4.33	
For >100 To 500, Add	2.13	
For >500 To 1,500, Add	0.92	
05 36 00 00-0035 SF 3" Deep, 16/16 Gauge Composite Cellular Galvanized Steel Deck.....	10.67	
For Site Installed Insulation Between Ribs, Add	2.96	
For Painted, Deduct	-0.34	
For Perforated Or Slotted, Add	0.34	
For Insulated Cells, Add	1.52	
For Up To 100, Add	4.60	
For >100 To 500, Add	2.24	
For >500 To 1,500, Add	0.98	

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.....	6.09
05 36 00 00-0038 SF 1" Deep x 18 Gauge Composite Metal Deck Galvanized, Non-Cellular.....	4.99
05 36 00 00-0039 SF 1" Deep x 20 Gauge Composite Metal Deck Galvanized, Non-Cellular.....	4.15
05 36 00 00-0040 SF 1" Deep x 22 Gauge Composite Metal Deck Galvanized, Non-Cellular.....	3.56
05 36 00 00-0041 SF 1-1/2" Deep x 16 Gauge Composite Metal Deck Galvanized, Non-Cellular.....	6.71
05 36 00 00-0042 SF 1-1/2" Deep x 18 Gauge Composite Metal Deck Galvanized, Non-Cellular.....	5.45
05 36 00 00-0043 SF 1-1/2" Deep x 20 Gauge Composite Metal Deck Galvanized, Non-Cellular.....	4.51
05 36 00 00-0044 SF 1-1/2" Deep x 22 Gauge Composite Metal Deck Galvanized, Non-Cellular.....	3.88
05 36 00 00-0045 SF 3" Deep x 16 Gauge Composite Metal Deck Galvanized, Non-Cellular.....	7.73
05 36 00 00-0046 SF 3" Deep x 18 Gauge Composite Metal Deck Galvanized, Non-Cellular.....	6.18
05 36 00 00-0047 SF 3" Deep x 20 Gauge Composite Metal Deck Galvanized, Non-Cellular.....	5.18
05 36 00 00-0048 SF 3" Deep x 22 Gauge Composite Metal Deck Galvanized, Non-Cellular.....	4.68

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 Metals**05 40 Cold-Formed Metal Framing****05 41 Structural Metal Stud Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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	.....	4.67	0.91
		For Walls >10' High, Add		0.93	
		For Curved Wall, Add		0.63	
		For Up To 200, Add		1.36	
		For >200 To 500, Add		0.68	
		For 12" On Center, Add		0.83	
		For 24" On Center, Deduct		-0.83	
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	.....	5.22	0.91
		For Walls >10' High, Add		1.04	
		For Curved Wall, Add		0.67	
		For Up To 200, Add		1.49	
		For >200 To 500, Add		0.74	
		For 12" On Center, Add		0.93	
		For 24" On Center, Deduct		-0.93	
05 41 00 00-0004	SF	4" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	.....	5.44	0.91
		For Walls >10' High, Add		1.09	
		For Curved Wall, Add		0.69	
		For Up To 200, Add		1.55	
		For >200 To 500, Add		0.78	
		For 12" On Center, Add		0.97	
		For 24" On Center, Deduct		-0.97	
05 41 00 00-0005	SF	6" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	.....	6.92	1.01
		For Walls >10' High, Add		1.38	
		For Curved Wall, Add		0.72	
		For Up To 200, Add		1.87	
		For >200 To 500, Add		0.93	
		For 12" On Center, Add		1.26	
		For 24" On Center, Deduct		-1.26	
05 41 00 00-0006	SF	8" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	.....	7.73	1.11
		For Walls >10' High, Add		1.55	
		For Curved Wall, Add		0.75	
		For Up To 200, Add		2.05	
		For >200 To 500, Add		1.02	
		For 12" On Center, Add		1.42	
		For 24" On Center, Deduct		-1.42	
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	.....	5.02	0.91
		For Walls >10' High, Add		1.00	
		For Curved Wall, Add		0.67	
		For Up To 200, Add		1.45	
		For >200 To 500, Add		0.72	
		For 12" On Center, Add		0.89	
		For 24" On Center, Deduct		-0.89	
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	.....	5.80	0.92
		For Walls >10' High, Add		1.16	
		For Curved Wall, Add		0.70	
		For Up To 200, Add		1.63	
		For >200 To 500, Add		0.81	
		For 12" On Center, Add		1.04	
		For 24" On Center, Deduct		-1.04	
05 41 00 00-0010	SF	4" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	.....	6.12	0.92
		For Walls >10' High, Add		1.22	
		For Curved Wall, Add		0.73	
		For Up To 200, Add		1.71	
		For >200 To 500, Add		0.85	
		For 12" On Center, Add		1.10	
		For 24" On Center, Deduct		-1.10	
05 41 00 00-0011	SF	6" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	.....	7.74	1.11
		For Walls >10' High, Add		1.55	
		For Curved Wall, Add		0.76	
		For Up To 200, Add		2.06	
		For >200 To 500, Add		1.03	
		For 12" On Center, Add		1.42	
		For 24" On Center, Deduct		-1.42	
05 41 00 00-0012	SF	8" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	.....	8.54	1.21
		For Walls >10' High, Add		1.71	
		For Curved Wall, Add		0.80	
		For Up To 200, Add		2.24	
		For >200 To 500, Add		1.12	
		For 12" On Center, Add		1.57	
		For 24" On Center, Deduct		-1.57	
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	.....	6.90	1.26
		For Walls >10' High, Add		1.38	
		For Curved Wall, Add		0.84	
		For Up To 200, Add		1.94	
		For >200 To 500, Add		0.97	
		For 12" On Center, Add		1.24	
		For 24" On Center, Deduct		-1.24	



		Metals	05	05
		Cold-Formed Metal Framing	05 40	
		Structural Metal Stud Framing	05 41	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST	
05 41 00 00-0015	SF 4" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	7.09		1.28
	For Walls >10' High, Add	1.42		
	For Curved Wall, Add	0.66		
	For Up To 200, Add	1.99		
	For >200 To 500, Add	0.99		
	For 12" On Center, Add	1.28		
	For 24" On Center, Deduct	-1.28		
05 41 00 00-0016	SF 6" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	8.89		1.35
	For Walls >10' High, Add	1.78		
	For Curved Wall, Add	0.90		
	For Up To 200, Add	2.38		
	For >200 To 500, Add	1.19		
	For 12" On Center, Add	1.63		
	For 24" On Center, Deduct	-1.63		
05 41 00 00-0017	SF 8" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	9.77		1.41
	For Walls >10' High, Add	1.95		
	For Curved Wall, Add	0.94		
	For Up To 200, Add	2.58		
	For >200 To 500, Add	1.29		
	For 12" On Center, Add	1.80		
	For 24" On Center, Deduct	-1.80		
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	9.92		2.16
05 42 13 00-0003	LF 6" - 20 Gauge Steel Joists	10.79		2.72
05 42 13 00-0004	LF 7-1/4" - 20 Gauge Steel Joists	11.63		2.98
05 42 13 00-0005	LF 8" - 20 Gauge Steel Joists	13.05		3.17
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	11.03		2.40
05 42 13 00-0008	LF 6" - 18 Gauge Steel Joists	12.03		3.02
05 42 13 00-0009	LF 7-1/4" - 18 Gauge Steel Joists	13.02		3.31
05 42 13 00-0010	LF 8" - 18 Gauge Steel Joists	13.39		3.51
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	14.08		3.34
05 42 13 00-0013	LF 8" - 16 Gauge Steel Joists	14.87		3.51
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	16.81		3.51
05 42 13 00-0016	LF 11-1/2" - 14 Gauge Steel Joists	18.25		3.70
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	20.00		3.86
05 42 13 00-0019	LF 11-1/2" - 12 Gauge Steel Joists	21.88		4.07
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	23.26		4.25
05 42 13 00-0022	LF 11-1/2" - 10 Gauge Steel Joists	25.57		4.48
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	26.57		4.68
05 42 13 00-0025	LF 11-1/2" - 8 Gauge Steel Joists	29.28		4.93
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	11.63		2.45
	For Powder Coating, Add	1.01		
	For Galvanizing, Add	1.15		
05 43 00 00-0004	LF 1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel	11.96		2.45
	For Powder Coating, Add	1.06		
	For Galvanizing, Add	1.20		

05 Metals**05 40 Cold-Formed Metal Framing****05 43 Slotted Channel Framing**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 43 00 00-0005 LF 1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel For Powder Coating, Add For Galvanizing, Add	12.46 1.14 1.29	2.45
05 43 00 00-0006 LF 1-5/8" Wide x 13/16" High, 14 Gauge, Steel Unistrut Channel For Powder Coating, Add For Galvanizing, Add	10.98 0.91 1.04	2.45
05 43 00 00-0007 LF 1-5/8" Wide x 13/16" High, 14 Gauge, Steel Unistrut Channel For Powder Coating, Add For Galvanizing, Add	9.55 0.70 0.79	2.45
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	33.82	2.45
05 43 00 00-0011 LF 1-5/8" Wide x 13/16" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	40.89	2.45
05 43 00 00-0012 LF 1-5/8" Wide x 1-5/8" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	39.13	2.45
05 43 00 00-0013 LF 1-5/8" Wide x 1-5/8" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	50.05	2.45
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	56.75	2.45
05 43 00 00-0016 Unistrut Closure Strips (05 43)		
05 43 00 00-0017 LF Steel Raceway Closure Strip For Unistrut Channel	6.15	0.54
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	7.38	
05 43 00 00-0021 EA 3/8-16, Steel Lock Nut With Spring For Unistrut Channel	8.08	
05 43 00 00-0022 EA 1/2-13, Steel Lock Nut With Spring For Unistrut Channel	8.60	
05 43 00 00-0023 EA 5/8-11, Steel Lock Nut With Spring For Unistrut Channel	11.42	
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	18.70	
05 43 00 00-0026 EA 3/8-16, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	20.00	
05 43 00 00-0027 EA 1/2-13, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	28.89	
05 43 00 00-0028 EA 5/8-11, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	50.42	
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	7.40	
05 43 00 00-0032 EA 3/8-16, Steel Lock Nut Without Spring For Unistrut Channel	8.18	
05 43 00 00-0033 EA 1/2-13, Steel Lock Nut Without Spring For Unistrut Channel	8.64	
05 43 00 00-0034 EA 5/8-11, Steel Lock Nut Without Spring For Unistrut Channel	12.23	
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	13.00	
05 43 00 00-0037 EA 3/8-16, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	15.97	
05 43 00 00-0038 EA 1/2-13, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	17.53	
05 43 00 00-0039 EA 5/8-11, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	49.08	
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	24.26	8.13
05 43 00 00-0042 EA 1-5/8" Channel, P2676 Unistrut Beam Clamp	31.71	8.13
05 43 00 00-0043 EA Add For Unistrut Swivel Nut, P2676	4.06	
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)	26.84	8.13
05 43 00 00-0046 EA Up To 1/2" Rod, Beam Clamp Clevis Hanger (Unistrut P2677)	32.78	8.13
05 43 00 00-0047 EA Add For Unistrut Swivel Nut	4.06	
05 43 00 00-0048 EA 6-Hole Electrogalvanized Steel Shelf Bracket For Unistrut	179.55	10.83
05 43 00 00-0049 Pipe And Rigid Conduit Clamps (05 43)		



	Metals	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 00-0050 Pipe And Rigid Conduit Clamps (05 43 00 00-0049) Note: Includes stainless steel (316) hardware.		
05 43 00 00-0051 PR 1/2" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware.....	7.03	2.34
05 43 00 00-0052 PR 3/4" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware.....	7.17	2.34
05 43 00 00-0053 PR 1" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware.....	8.32	2.83
05 43 00 00-0054 PR 1-1/4" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware.....	8.82	3.08
05 43 00 00-0055 PR 1-1/2" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware.....	11.08	3.45
05 43 00 00-0056 PR 2" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware.....	11.08	3.45
05 43 00 00-0057 PR 2-1/2" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware.....	17.15	5.78
05 43 00 00-0058 PR 3" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware.....	17.44	5.78
05 43 00 00-0059 PR 3-1/2" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware.....	18.69	6.39
05 43 00 00-0060 PR 4" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware.....	20.66	6.89
05 43 00 00-0061 Pipe And Rigid Conduit Clamps (05 43 00 00-0049) Note: Includes nylon hardware.		
05 43 00 00-0062 PR 1/2" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware.....	11.57	2.34
05 43 00 00-0063 PR 3/4" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware.....	11.99	2.34
05 43 00 00-0064 PR 1" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware.....	13.14	2.83
05 43 00 00-0065 PR 1-1/4" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware.....	13.82	3.08
05 43 00 00-0066 PR 1-1/2" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware.....	18.89	3.45
05 43 00 00-0067 PR 2" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware.....	18.89	3.45
05 43 00 00-0068 PR 2-1/2" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware.....	27.69	5.78
05 43 00 00-0069 PR 3" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware.....	28.52	5.78
05 43 00 00-0070 PR 3-1/2" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware.....	29.95	6.39
05 43 00 00-0071 PR 4" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware.....	33.47	6.89
05 43 00 00-0072 Accessories For Unistrut Channel (05 43) Note: Includes straight or angled post mounting and fasteners.		
05 43 00 00-0073 EA Trolley Truck Hanger, 1-5/8" Channel P1834.....	58.75	8.13
05 43 00 00-0074 EA Flat Plate Fitting, One Hole, 1-5/8" Channel P1064.....	14.38	5.42
05 43 00 00-0075 EA 60 Degree Angle, 1-5/8" Channel P2097.....	15.08	5.42
05 43 00 00-0076 Bases For Unistrut Channel (05 43) Note: Includes straight or angled post mounting and fasteners.		
05 43 00 00-0077 Steel Bases For Unistrut Channel (05 43 00 00-0076) Note: Includes straight or angled post mounting and fasteners.		
05 43 00 00-0078 EA 6" x 6", 1-5/8" Height, Single Post, Steel Base For Unistrut Channel.....	118.03	27.09
05 43 00 00-0079 EA 6" x 6", 3-1/2" Height, Single Post, Steel Base For Unistrut Channel.....	119.58	27.09
05 43 00 00-0080 EA 6" x 6", 1-5/8" Height, Double Post, Steel Base For Unistrut Channel.....	169.91	27.09
05 43 00 00-0081 EA 6" x 6", 3-1/2" Height, Double Post, Steel Base For Unistrut Channel.....	140.61	27.09
05 43 00 00-0082 Stainless Steel Bases For Unistrut Channel (05 43 00 00-0076) Note: Includes straight or angled post mounting and fasteners.		
05 43 00 00-0083 EA 6" x 6", 1-5/8" Height, Single Post, 304 Stainless Steel Base For Unistrut Channel.....	228.49	27.09
05 43 00 00-0084 EA 6" x 6", 3-1/2" Height, Single Post, 304 Stainless Steel Base For Unistrut Channel.....	416.66	27.09
05 43 00 00-0085 EA 6" x 6", 3-1/2" Height, Double Post, 304 Stainless Steel Base For Unistrut Channel.....	316.92	27.09
05 43 00 00-0086 EA 6" x 6", 1-5/8" Height, Single Post, 316 Stainless Steel Base For Unistrut Channel.....	469.13	27.09
05 43 00 00-0087 EA 6" x 6", 3-1/2" Height, Double Post, 316 Stainless Steel Base For Unistrut Channel.....	412.26	27.09
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	1,153.84 134.13	31.56
05 51 13 00-0003 RSR 4'-0" Wide Open Concrete Filled Metal Pan Tread Stair..... For Closed Riser, Add	1,310.47 152.21	36.82
05 51 13 00-0004 RSR 5'-0" Wide Open Concrete Filled Metal Pan Tread Stair..... For Closed Riser, Add	1,458.29 169.08	43.13
05 51 13 00-0005 SF Concrete Filled Steel Pan Landing..... Note: Conventional shape.	83.37	5.26
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 Metals**05 50 Metal Fabrications****05 51 Metal Stairs**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

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	551.99	42.08
	For Closed Riser, Add	67.13	
	For Galvanized Steel, Add	116.96	
05 51 19 00-0003	RSR 4'-0" Wide Open Steel Grating Tread Metal Stair	586.89	48.39
	For Closed Riser, Add	70.97	
	For Galvanized Steel, Add	122.53	
05 51 19 00-0004	RSR 5'-0" Wide Open Steel Grating Tread Metal Stair	648.28	56.81
	For Closed Riser, Add	78.03	
	For Galvanized Steel, Add	133.67	
05 51 19 00-0005	SF Steel Grating Landing With Framing And 2 Pipe Handrail	101.24	5.26
	Note: Conventional shape.		
	For Galvanized Steel, Add	20.05	

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 Fixed Vertical Steel Ladder Primed	101.85	12.62
	For Galvanized Steel, Add	15.56	
	For Aluminum, Add	31.13	
05 51 33 13-0003	VLF 24" Wide Fixed Vertical Steel Ladder Primed	117.63	12.62
	For Galvanized Steel, Add	19.51	
	For Aluminum, Add	39.02	
05 51 33 13-0004	VLF 20" Wide Fixed Vertical Steel Caged Ladder Primed	247.89	21.04
	For Galvanized Steel, Add	45.21	
	For Aluminum, Add	90.42	
05 51 33 13-0005	VLF 24" Wide Fixed Vertical Steel Caged Ladder Primed	279.44	21.04
	For Galvanized Steel, Add	53.10	
	For Aluminum, Add	106.20	

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	423.69	39.45
	Note: Extends 42" above landing surface. Includes mounting bracket.		
	For Galvanized Steel, Add	86.20	
	For Aluminum, Add	172.40	
05 51 33 13-0008	EA 24" Wide Vertical Steel Ladder Walk-Thru Handrails, Primed	464.43	42.08
	Note: Extends 42" above landing surface. Includes mounting bracket.		
	For Galvanized Steel, Add	95.07	
	For Aluminum, Add	190.14	
05 51 33 13-0009	EA Security Cage Entry Gate With Lockable Hasp	519.26	13.15
05 51 33 13-0010	EA 6' Powder Coated, Security Ladder Guard	1,382.30	78.90
05 51 33 13-0011	EA 8' Powder Coated, Security Ladder Guard	1,654.50	92.04
05 51 33 13-0012	EA Safety Chain Attachment	254.28	

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	2,340.93	157.79
05 51 33 13-0016	EA 8'-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,545.82	163.05
05 51 33 13-0017	EA 9'-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,708.45	168.31
05 51 33 13-0018	EA 10'-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,882.35	173.56
05 51 33 13-0019	EA 11'-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,983.01	178.83
05 51 33 13-0020	EA 12'-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,148.46	184.08
05 51 33 13-0021	EA 13'-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,294.18	189.35
05 51 33 13-0022	EA 14'-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,484.98	194.61
05 51 33 13-0023	EA 15'-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,670.15	199.87
05 51 33 13-0024	EA 16'-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,821.52	205.13
05 51 33 13-0025	EA 17'-1/2' Length, Powder Coated, Welded Steel Ladder Cage	4,006.68	210.39
05 51 33 13-0026	EA 18'-1/2' Length, Powder Coated, Welded Steel Ladder Cage	4,186.22	215.65
05 51 33 13-0027	EA 19'-1/2' Length, Powder Coated, Welded Steel Ladder Cage	4,362.93	220.90
05 51 33 13-0028	EA 20'-1/2' Length, Powder Coated, Welded Steel Ladder Cage	4,686.13	226.17
05 51 33 13-0029	EA 21'-1/2' Length, Powder Coated, Welded Steel Ladder Cage	4,781.15	231.42
05 51 33 13-0030	EA 22'-1/2' Length, Powder Coated, Welded Steel Ladder Cage	4,946.61	236.69
05 51 33 13-0031	EA 23'-1/2' Length, Powder Coated, Welded Steel Ladder Cage	5,097.97	241.94
05 51 33 13-0032	EA 24'-1/2' Length, Powder Coated, Welded Steel Ladder Cage	5,238.07	247.21
05 51 33 13-0033	EA 25'-1/2' Length, Powder Coated, Welded Steel Ladder Cage	5,552.81	252.46
05 51 33 13-0034	EA 26'-1/2' Length, Powder Coated, Welded Steel Ladder Cage	5,721.08	257.72
05 51 33 13-0035	EA 27'-1/2' Length, Powder Coated, Welded Steel Ladder Cage	5,878.08	262.98

05 51 33 13-0036 Welded Stainless Steel Ladder Cages (05 51 33 13-0013)

05 51 33 13-0037	EA 7'-1/2' Length, Welded Stainless Steel Ladder Cage	5,926.84	157.79
05 51 33 13-0038	EA 8'-1/2' Length, Welded Stainless Steel Ladder Cage	6,334.55	163.05
05 51 33 13-0039	EA 9'-1/2' Length, Welded Stainless Steel Ladder Cage	7,015.49	168.31



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 13-0040	EA		10-1/2' Length, Welded Stainless Steel Ladder Cage	7,349.95	173.56
05 51 33 13-0041	EA		11-1/2' Length, Welded Stainless Steel Ladder Cage	7,630.90	178.83
05 51 33 13-0042	EA		12-1/2' Length, Welded Stainless Steel Ladder Cage	8,004.80	184.08
05 51 33 13-0043	EA		13-1/2' Length, Welded Stainless Steel Ladder Cage	8,680.09	189.35
05 51 33 13-0044	EA		14-1/2' Length, Welded Stainless Steel Ladder Cage	9,020.19	194.61
05 51 33 13-0045	EA		15-1/2' Length, Welded Stainless Steel Ladder Cage	9,371.56	199.87
05 51 33 13-0046	EA		16-1/2' Length, Welded Stainless Steel Ladder Cage	9,756.72	205.13
05 51 33 13-0047	EA		17-1/2' Length, Welded Stainless Steel Ladder Cage	10,446.12	210.89
05 51 33 13-0048	EA		18-1/2' Length, Welded Stainless Steel Ladder Cage	10,789.03	215.65
05 51 33 13-0049	EA		19-1/2' Length, Welded Stainless Steel Ladder Cage	11,115.04	220.90
05 51 33 13-0050	EA		20-1/2' Length, Welded Stainless Steel Ladder Cage	11,657.96	226.17
05 51 33 13-0051	EA		21-1/2' Length, Welded Stainless Steel Ladder Cage	12,268.47	231.42
05 51 33 13-0052	EA		22-1/2' Length, Welded Stainless Steel Ladder Cage	12,605.76	236.69
05 51 33 13-0053	EA		23-1/2' Length, Welded Stainless Steel Ladder Cage	12,951.49	241.94
05 51 33 13-0054	EA		24-1/2' Length, Welded Stainless Steel Ladder Cage	13,274.69	247.21
05 51 33 13-0055	EA		25-1/2' Length, Welded Stainless Steel Ladder Cage	14,110.56	252.46
05 51 33 13-0056	EA		26-1/2' Length, Welded Stainless Steel Ladder Cage	14,433.75	257.72
05 51 33 13-0057	EA		27-1/2' Length, Welded Stainless Steel Ladder Cage	14,765.40	262.98

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	385.21	52.59
		For Aluminum, Add	140.01	

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	2,713.88	157.79
		For Stainless Steel, Add	262.55	
		For Primed Steel, Deduct	-218.79	
05 51 33 23-0003	EA	5' Vertical Height Aluminum Alternating Tread Ladder	3,120.32	167.26
		For Stainless Steel, Add	319.91	
		For Primed Steel, Deduct	-249.53	
05 51 33 23-0004	EA	6' Vertical Height Aluminum Alternating Tread Ladder	3,482.50	167.26
		For Stainless Steel, Add	379.79	
		For Primed Steel, Deduct	-277.54	
05 51 33 23-0005	EA	7' Vertical Height Aluminum Alternating Tread Ladder	3,957.75	210.18
		For Stainless Steel, Add	439.62	
		For Primed Steel, Deduct	-301.22	
05 51 33 23-0006	EA	8' Vertical Height Aluminum Alternating Tread Ladder	4,359.25	217.62
		For Stainless Steel, Add	508.73	
		For Primed Steel, Deduct	-327.04	
05 51 33 23-0007	EA	9' Vertical Height Aluminum Alternating Tread Ladder	4,679.27	217.62
		For Stainless Steel, Add	573.30	
		For Primed Steel, Deduct	-345.96	
05 51 33 23-0008	EA	10' Vertical Height Aluminum Alternating Tread Ladder	5,134.89	242.76
		For Stainless Steel, Add	648.86	
		For Primed Steel, Deduct	-367.69	
05 51 33 23-0009	EA	11' Vertical Height Aluminum Alternating Tread Ladder	5,493.45	242.76
		For Stainless Steel, Add	726.06	
		For Primed Steel, Deduct	-386.45	
05 51 33 23-0010	EA	12' Vertical Height Aluminum Alternating Tread Ladder	5,772.41	242.76
		For Stainless Steel, Add	794.12	
		For Primed Steel, Deduct	-397.06	

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 DEMOLITION
UNIT COST UNIT COST

05 52 13 00-0003	LF	1" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing.....	36.64	10.52
		For Schedule 80 Handrail, Add	7.74	
		For 11 Gauge A513 Steel Tubing, Deduct	-3.43	
		For 12 Gauge A513 Steel Tubing, Deduct	-3.90	
		For 14 Gauge A513 Steel Tubing, Deduct	-5.15	
		For 16 Gauge A513 Steel Tubing, Deduct	-6.08	
		For Additional Off Set Handrail, ADA Attachment, Add	13.57	
		For Aluminum, Satin Finish, Add	6.55	
		For Aluminum, Clear Anodized Finish, Add	10.14	
		For Aluminum, Dark Anodized Finish, Add	11.70	
		For Galvanizing, Add	6.24	
		For Wrought Iron, Add	3.66	
		For Solid Steel Rails, Add	7.33	
		For 304 Stainless Steel, Add	49.92	
		For 316 Stainless Steel, Add	56.16	
		For 2" Wheel Guard, Add	1.48	
		For 4" High Kick Plate, Add	1.95	
		For 6" High Kick Plate, Add	3.12	
		For Curved Rail, Add	15.67	
		For Mounting On Stairs, Add	10.99	
		For Mounting On Slopes, Add	3.66	
		For Post Base Flange With Screws, Add Per Post	19.60	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.66	
		For Custom Design Or Shapes (Square Tops, etc), Add	13.06	
		For Nylon Coating, Add	2.34	
05 52 13 00-0004	LF	1-1/4" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing	39.33	10.52
		For Schedule 80 Handrail, Add	13.33	
		For 11 Gauge A513 Steel Tubing, Deduct	-4.02	
		For 12 Gauge A513 Steel Tubing, Deduct	-4.57	
		For 14 Gauge A513 Steel Tubing, Deduct	-6.04	
		For 16 Gauge A513 Steel Tubing, Deduct	-7.13	
		For Additional Off Set Handrail, ADA Attachment, Add	15.18	
		For Aluminum, Satin Finish, Add	7.68	
		For Aluminum, Clear Anodized Finish, Add	11.89	
		For Aluminum, Dark Anodized Finish, Add	13.72	
		For Galvanizing, Add	7.32	
		For Wrought Iron, Add	3.93	
		For Solid Steel Rails, Add	7.87	
		For 304 Stainless Steel, Add	58.53	
		For 316 Stainless Steel, Add	65.84	
		For 2" Wheel Guard, Add	1.74	
		For 4" High Kick Plate, Add	2.29	
		For 6" High Kick Plate, Add	3.66	
		For Curved Rail, Add	17.29	
		For Mounting On Stairs, Add	11.80	
		For Mounting On Slopes, Add	3.93	
		For Post Base Flange With Screws, Add Per Post	19.60	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.66	
		For Custom Design Or Shapes (Square Tops, etc), Add	14.41	
		For Nylon Coating, Add	2.74	
05 52 13 00-0005	LF	1-1/2" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing	42.02	10.52
		For Schedule 80 Handrail, Add	13.33	
		For 11 Gauge A513 Steel Tubing, Deduct	-4.62	
		For 12 Gauge A513 Steel Tubing, Deduct	-5.25	
		For 14 Gauge A513 Steel Tubing, Deduct	-6.92	
		For 16 Gauge A513 Steel Tubing, Deduct	-8.18	
		For Additional Off Set Handrail, ADA Attachment, Add	16.80	
		For Aluminum, Satin Finish, Add	8.81	
		For Aluminum, Clear Anodized Finish, Add	13.64	
		For Aluminum, Dark Anodized Finish, Add	15.74	
		For Galvanizing, Add	8.39	
		For Wrought Iron, Add	4.20	
		For Solid Steel Rails, Add	8.40	
		For 304 Stainless Steel, Add	67.14	
		For 316 Stainless Steel, Add	75.53	
		For 2" Wheel Guard, Add	1.99	
		For 4" High Kick Plate, Add	2.62	
		For 6" High Kick Plate, Add	4.20	
		For Curved Rail, Add	18.90	
		For Mounting On Stairs, Add	12.61	
		For Mounting On Slopes, Add	4.20	
		For Post Base Flange With Screws, Add Per Post	19.60	
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.66	
		For Custom Design Or Shapes (Square Tops, etc), Add	15.75	
		For Nylon Coating, Add	3.15	



		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.....	46.68	10.52	
		For Schedule 80 Handrail, Add	15.59		
		For 11 Gauge A513 Steel Tubing, Deduct	-5.64		
		For 12 Gauge A513 Steel Tubing, Deduct	-6.41		
		For 14 Gauge A513 Steel Tubing, Deduct	-8.46		
		For 16 Gauge A513 Steel Tubing, Deduct	-10.00		
		For Additional Off Set Handrail, ADA Attachment, Add	19.59		
		For Aluminum, Satin Finish, Add	10.77		
		For Aluminum, Clear Anodized Finish, Add	16.67		
		For Aluminum, Dark Anodized Finish, Add	19.23		
		For Galvanizing, Add	10.26		
		For Wrought Iron, Add	4.67		
		For Solid Steel Rails, Add	9.34		
		For 304 Stainless Steel, Add	82.05		
		For 316 Stainless Steel, Add	92.30		
		For 2" Wheel Guard, Add	2.44		
		For 4" High Kick Plate, Add	3.21		
		For 6" High Kick Plate, Add	5.13		
		For Curved Rail, Add	21.70		
		For Mounting On Stairs, Add	14.00		
		For Mounting On Slopes, Add	4.67		
		For Post Base Flange With Screws, Add Per Post	19.60		
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.66		
		For Custom Design Or Shapes (Square Tops, etc), Add	18.08		
		For Nylon Coating, Add	3.85		
05 52 13 00-0007	LF	2-1/2" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing	52.27	10.52	
		For Schedule 80 Handrail, Add	17.88		
		For 11 Gauge A513 Steel Tubing, Deduct	-6.87		
		For 12 Gauge A513 Steel Tubing, Deduct	-7.61		
		For 14 Gauge A513 Steel Tubing, Deduct	-10.31		
		For 16 Gauge A513 Steel Tubing, Deduct	-12.18		
		For Additional Off Set Handrail, ADA Attachment, Add	22.95		
		For Aluminum, Satin Finish, Add	13.12		
		For Aluminum, Clear Anodized Finish, Add	20.30		
		For Aluminum, Dark Anodized Finish, Add	23.42		
		For Galvanizing, Add	12.49		
		For Wrought Iron, Add	5.23		
		For Solid Steel Rails, Add	10.45		
		For 304 Stainless Steel, Add	99.94		
		For 316 Stainless Steel, Add	112.43		
		For 2" Wheel Guard, Add	2.97		
		For 4" High Kick Plate, Add	3.90		
		For 6" High Kick Plate, Add	6.25		
		For Curved Rail, Add	25.05		
		For Mounting On Stairs, Add	15.68		
		For Mounting On Slopes, Add	5.23		
		For Post Base Flange With Screws, Add Per Post	19.60		
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.66		
		For Custom Design Or Shapes (Square Tops, etc), Add	20.88		
		For Nylon Coating, Add	4.68		
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.....	49.64	10.52	
		For Schedule 80 Handrail, Add	7.74		
		For 11 Gauge A513 Steel Tubing, Deduct	-6.29		
		For 12 Gauge A513 Steel Tubing, Deduct	-7.15		
		For 14 Gauge A513 Steel Tubing, Deduct	-9.44		
		For 16 Gauge A513 Steel Tubing, Deduct	-11.15		
		For Additional Off Set Handrail, ADA Attachment, Add	13.57		
		For Aluminum, Satin Finish, Add	12.01		
		For Aluminum, Clear Anodized Finish, Add	18.59		
		For Aluminum, Dark Anodized Finish, Add	21.45		
		For Galvanizing, Add	11.44		
		For Wrought Iron, Add	4.96		
		For Solid Steel Rails, Add	9.93		
		For 304 Stainless Steel, Add	91.52		
		For 316 Stainless Steel, Add	102.96		
		For 2" Wheel Guard, Add	2.72		
		For 4" High Kick Plate, Add	3.58		
		For 6" High Kick Plate, Add	5.72		
		For Curved Rail, Add	23.47		
		For Mounting On Stairs, Add	14.89		
		For Mounting On Slopes, Add	4.96		
		For Post Base Flange With Screws, Add Per Post	19.60		
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.66		
		For Custom Design Or Shapes (Square Tops, etc), Add	19.56		
		For Nylon Coating, Add	4.29		

05 Metals**05 50 Metal Fabrications****05 52 Metal Railings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0010	LF		1-1/4" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing	54.57	10.52
			For Schedule 80 Handrail, Add	13.33	
			For 11 Gauge A513 Steel Tubing, Deduct	-7.38	
			For 12 Gauge A513 Steel Tubing, Deduct	-8.38	
			For 14 Gauge A513 Steel Tubing, Deduct	-11.06	
			For 16 Gauge A513 Steel Tubing, Deduct	-13.08	
			For Additional Off Set Handrail, ADA Attachment, Add	15.18	
			For Aluminum, Satin Finish, Add	14.08	
			For Aluminum, Clear Anodized Finish, Add	21.79	
			For Aluminum, Dark Anodized Finish, Add	25.15	
			For Galvanizing, Add	13.41	
			For Wrought Iron, Add	5.46	
			For Solid Steel Rails, Add	10.91	
			For 304 Stainless Steel, Add	107.30	
			For 316 Stainless Steel, Add	120.71	
			For 2" Wheel Guard, Add	3.19	
			For 4" High Kick Plate, Add	4.19	
			For 6" High Kick Plate, Add	6.71	
			For Curved Rail, Add	26.43	
			For Mounting On Stairs, Add	16.37	
			For Mounting On Slopes, Add	5.46	
			For Post Base Flange With Screws, Add Per Post	19.60	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.66	
			For Custom Design Or Shapes (Square Tops, etc), Add	22.03	
			For Nylon Coating, Add	5.03	
05 52 13 00-0011	LF		1-1/2" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing	59.50	10.52
			For Schedule 80 Handrail, Add	13.33	
			For 11 Gauge A513 Steel Tubing, Deduct	-8.46	
			For 12 Gauge A513 Steel Tubing, Deduct	-9.62	
			For 14 Gauge A513 Steel Tubing, Deduct	-12.69	
			For 16 Gauge A513 Steel Tubing, Deduct	-15.00	
			For Additional Off Set Handrail, ADA Attachment, Add	16.80	
			For Aluminum, Satin Finish, Add	16.15	
			For Aluminum, Clear Anodized Finish, Add	25.00	
			For Aluminum, Dark Anodized Finish, Add	28.85	
			For Galvanizing, Add	15.38	
			For Wrought Iron, Add	5.95	
			For Solid Steel Rails, Add	11.90	
			For 304 Stainless Steel, Add	123.07	
			For 316 Stainless Steel, Add	138.46	
			For 2" Wheel Guard, Add	3.65	
			For 4" High Kick Plate, Add	4.81	
			For 6" High Kick Plate, Add	7.69	
			For Curved Rail, Add	29.39	
			For Mounting On Stairs, Add	17.85	
			For Mounting On Slopes, Add	5.95	
			For Post Base Flange With Screws, Add Per Post	19.60	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.66	
			For Custom Design Or Shapes (Square Tops, etc), Add	24.49	
			For Nylon Coating, Add	5.77	
05 52 13 00-0012	LF		2" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing	68.04	10.52
			For Schedule 80 Handrail, Add	15.59	
			For 11 Gauge A513 Steel Tubing, Deduct	-10.34	
			For 12 Gauge A513 Steel Tubing, Deduct	-11.75	
			For 14 Gauge A513 Steel Tubing, Deduct	-15.51	
			For 16 Gauge A513 Steel Tubing, Deduct	-18.33	
			For Additional Off Set Handrail, ADA Attachment, Add	19.59	
			For Aluminum, Satin Finish, Add	19.74	
			For Aluminum, Clear Anodized Finish, Add	30.55	
			For Aluminum, Dark Anodized Finish, Add	35.25	
			For Galvanizing, Add	18.80	
			For Wrought Iron, Add	6.80	
			For Solid Steel Rails, Add	13.61	
			For 304 Stainless Steel, Add	150.40	
			For 316 Stainless Steel, Add	169.20	
			For 2" Wheel Guard, Add	4.47	
			For 4" High Kick Plate, Add	5.88	
			For 6" High Kick Plate, Add	9.40	
			For Curved Rail, Add	34.51	
			For Mounting On Stairs, Add	20.41	
			For Mounting On Slopes, Add	6.80	
			For Post Base Flange With Screws, Add Per Post	19.60	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.66	
			For Custom Design Or Shapes (Square Tops, etc), Add	28.76	
			For Nylon Coating, Add	7.05	



		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	78.28	10.52
			For Schedule 80 Handrail, Add	17.88	
			For 11 Gauge A513 Steel Tubing, Deduct	-12.59	
			For 12 Gauge A513 Steel Tubing, Deduct	-14.31	
			For 14 Gauge A513 Steel Tubing, Deduct	-18.89	
			For 16 Gauge A513 Steel Tubing, Deduct	-22.32	
			For Additional Off Set Handrail, ADA Attachment, Add	22.95	
			For Aluminum, Satin Finish, Add	24.04	
			For Aluminum, Clear Anodized Finish, Add	37.21	
			For Aluminum, Dark Anodized Finish, Add	42.93	
			For Galvanizing, Add	22.90	
			For Wrought Iron, Add	7.83	
			For Solid Steel Rails, Add	15.66	
			For 304 Stainless Steel, Add	183.17	
			For 316 Stainless Steel, Add	206.06	
			For 2" Wheel Guard, Add	5.44	
			For 4" High Kick Plate, Add	7.16	
			For 6" High Kick Plate, Add	11.45	
			For Curved Rail, Add	40.66	
			For Mounting On Stairs, Add	23.48	
			For Mounting On Slopes, Add	7.83	
			For Post Base Flange With Screws, Add Per Post	19.60	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.66	
			For Custom Design Or Shapes (Square Tops, etc), Add	33.88	
			For Nylon Coating, Add	8.59	
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	75.42	12.62
			For Schedule 80 Handrail, Add	10.86	
			For 11 Gauge A513 Steel Tubing, Deduct	-11.04	
			For 12 Gauge A513 Steel Tubing, Deduct	-12.54	
			For 14 Gauge A513 Steel Tubing, Deduct	-16.56	
			For 16 Gauge A513 Steel Tubing, Deduct	-19.57	
			For Additional Off Set Handrail, ADA Attachment, Add	14.41	
			For Aluminum, Satin Finish, Add	21.07	
			For Aluminum, Clear Anodized Finish, Add	32.61	
			For Aluminum, Dark Anodized Finish, Add	37.63	
			For Galvanizing, Add	20.07	
			For Wrought Iron, Add	7.54	
			For Solid Steel Rails, Add	15.08	
			For 304 Stainless Steel, Add	160.54	
			For 316 Stainless Steel, Add	180.61	
			For 2" Wheel Guard, Add	4.77	
			For 4" High Kick Plate, Add	6.27	
			For 6" High Kick Plate, Add	10.03	
			For Curved Rail, Add	37.68	
			For Mounting On Stairs, Add	22.63	
			For Mounting On Slopes, Add	7.54	
			For Post Base Flange With Screws, Add Per Post	20.03	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	30.29	
			For Custom Design Or Shapes (Square Tops, etc), Add	31.40	
			For Nylon Coating, Add	7.53	
05 52 13 00-0016	LF		1-1/4" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing	84.05	12.62
			For Schedule 80 Handrail, Add	18.32	
			For 11 Gauge A513 Steel Tubing, Deduct	-12.94	
			For 12 Gauge A513 Steel Tubing, Deduct	-14.70	
			For 14 Gauge A513 Steel Tubing, Deduct	-19.40	
			For 16 Gauge A513 Steel Tubing, Deduct	-22.93	
			For Additional Off Set Handrail, ADA Attachment, Add	16.02	
			For Aluminum, Satin Finish, Add	24.70	
			For Aluminum, Clear Anodized Finish, Add	38.22	
			For Aluminum, Dark Anodized Finish, Add	44.10	
			For Galvanizing, Add	23.52	
			For Wrought Iron, Add	8.41	
			For Solid Steel Rails, Add	16.81	
			For 304 Stainless Steel, Add	188.16	
			For 316 Stainless Steel, Add	211.68	
			For 2" Wheel Guard, Add	5.59	
			For 4" High Kick Plate, Add	7.35	
			For 6" High Kick Plate, Add	11.76	
			For Curved Rail, Add	42.86	
			For Mounting On Stairs, Add	25.22	
			For Mounting On Slopes, Add	8.41	
			For Post Base Flange With Screws, Add Per Post	20.03	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	30.29	
			For Custom Design Or Shapes (Square Tops, etc), Add	35.71	
			For Nylon Coating, Add	8.82	

05	05	Metals
	05 50	Metal Fabrications
	05 52	Metal Railings



MINOR		DESCRIPTION	TOTAL DIRECT		DEMOLITION
CSI	UOM		UNIT	COST	
05 52 13 00-0017	LF	1-1/2" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing.....	92.69		12.62
		For Schedule 80 Handrail, Add	18.32		
		For 11 Gauge A513 Steel Tubing, Deduct	-14.84		
		For 12 Gauge A513 Steel Tubing, Deduct	-16.86		
		For 14 Gauge A513 Steel Tubing, Deduct	-22.26		
		For 16 Gauge A513 Steel Tubing, Deduct	-26.30		
		For Additional Off Set Handrail, ADA Attachment, Add	17.64		
		For Aluminum, Satin Finish, Add	28.32		
		For Aluminum, Clear Anodized Finish, Add	43.84		
		For Aluminum, Dark Anodized Finish, Add	50.58		
		For Galvanizing, Add	26.98		
		For Wrought Iron, Add	9.27		
		For Solid Steel Rails, Add	18.54		
		For 304 Stainless Steel, Add	215.81		
		For 316 Stainless Steel, Add	242.78		
		For 2" Wheel Guard, Add	6.41		
		For 4" High Kick Plate, Add	8.43		
		For 6" High Kick Plate, Add	13.49		
		For Curved Rail, Add	48.04		
		For Mounting On Stairs, Add	27.81		
		For Mounting On Slopes, Add	9.27		
		For Post Base Flange With Screws, Add Per Post	20.03		
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	30.29		
		For Custom Design Or Shapes (Square Tops, etc), Add	40.03		
		For Nylon Coating, Add	10.12		
05 52 13 00-0018	LF	2" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing	107.70		12.62
		For Schedule 80 Handrail, Add	21.33		
		For 11 Gauge A513 Steel Tubing, Deduct	-18.14		
		For 12 Gauge A513 Steel Tubing, Deduct	-20.61		
		For 14 Gauge A513 Steel Tubing, Deduct	-27.21		
		For 16 Gauge A513 Steel Tubing, Deduct	-32.16		
		For Additional Off Set Handrail, ADA Attachment, Add	20.43		
		For Aluminum, Satin Finish, Add	34.63		
		For Aluminum, Clear Anodized Finish, Add	53.59		
		For Aluminum, Dark Anodized Finish, Add	61.84		
		For Galvanizing, Add	32.98		
		For Wrought Iron, Add	10.77		
		For Solid Steel Rails, Add	21.54		
		For 304 Stainless Steel, Add	263.84		
		For 316 Stainless Steel, Add	296.82		
		For 2" Wheel Guard, Add	7.83		
		For 4" High Kick Plate, Add	10.31		
		For 6" High Kick Plate, Add	16.49		
		For Curved Rail, Add	57.05		
		For Mounting On Stairs, Add	32.31		
		For Mounting On Slopes, Add	10.77		
		For Post Base Flange With Screws, Add Per Post	20.03		
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	30.29		
		For Custom Design Or Shapes (Square Tops, etc), Add	47.54		
		For Nylon Coating, Add	12.37		
05 52 13 00-0019	LF	2-1/2" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing.....	125.58		12.62
		For Schedule 80 Handrail, Add	24.38		
		For 11 Gauge A513 Steel Tubing, Deduct	-22.07		
		For 12 Gauge A513 Steel Tubing, Deduct	-25.08		
		For 14 Gauge A513 Steel Tubing, Deduct	-33.11		
		For 16 Gauge A513 Steel Tubing, Deduct	-39.13		
		For Additional Off Set Handrail, ADA Attachment, Add	23.79		
		For Aluminum, Satin Finish, Add	42.14		
		For Aluminum, Clear Anodized Finish, Add	65.21		
		For Aluminum, Dark Anodized Finish, Add	75.25		
		For Galvanizing, Add	40.13		
		For Wrought Iron, Add	12.56		
		For Solid Steel Rails, Add	25.12		
		For 304 Stainless Steel, Add	321.06		
		For 316 Stainless Steel, Add	361.19		
		For 2" Wheel Guard, Add	9.53		
		For 4" High Kick Plate, Add	12.54		
		For 6" High Kick Plate, Add	20.07		
		For Curved Rail, Add	67.77		
		For Mounting On Stairs, Add	37.67		
		For Mounting On Slopes, Add	12.56		
		For Post Base Flange With Screws, Add Per Post	20.03		
		For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	30.29		
		For Custom Design Or Shapes (Square Tops, etc), Add	56.48		
		For Nylon Coating, Add	15.05		
05 52 13 00-0020	LF	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.....	91.02	14.73
			For Schedule 80 Handrail, Add	14.25	
			For 11 Gauge A513 Steel Tubing, Deduct	-13.55	
			For 12 Gauge A513 Steel Tubing, Deduct	-15.39	
			For 14 Gauge A513 Steel Tubing, Deduct	-20.32	
			For 16 Gauge A513 Steel Tubing, Deduct	-24.01	
			For Additional Off Set Handrail, ADA Attachment, Add	15.25	
			For Aluminum, Satin Finish, Add	25.86	
			For Aluminum, Clear Anodized Finish, Add	40.02	
			For Aluminum, Dark Anodized Finish, Add	46.18	
			For Galvanizing, Add	24.63	
			For Wrought Iron, Add	9.10	
			For Solid Steel Rails, Add	18.20	
			For 304 Stainless Steel, Add	197.02	
			For 316 Stainless Steel, Add	221.65	
			For 2" Wheel Guard, Add	5.85	
			For 4" High Kick Plate, Add	7.70	
			For 6" High Kick Plate, Add	12.31	
			For Curved Rail, Add	45.78	
			For Mounting On Stairs, Add	27.31	
			For Mounting On Slopes, Add	9.10	
			For Post Base Flange With Screws, Add Per Post	20.45	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	30.92	
			For Custom Design Or Shapes (Square Tops, etc), Add	38.15	
			For Nylon Coating, Add	9.24	
05 52 13 00-0022	LF		1-1/4" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing.....	98.69	14.73
			For Schedule 80 Handrail, Add	23.57	
			For 11 Gauge A513 Steel Tubing, Deduct	-15.23	
			For 12 Gauge A513 Steel Tubing, Deduct	-17.31	
			For 14 Gauge A513 Steel Tubing, Deduct	-22.85	
			For 16 Gauge A513 Steel Tubing, Deduct	-27.00	
			For Additional Off Set Handrail, ADA Attachment, Add	16.86	
			For Aluminum, Satin Finish, Add	29.08	
			For Aluminum, Clear Anodized Finish, Add	45.01	
			For Aluminum, Dark Anodized Finish, Add	51.93	
			For Galvanizing, Add	27.70	
			For Wrought Iron, Add	9.87	
			For Solid Steel Rails, Add	19.74	
			For 304 Stainless Steel, Add	221.57	
			For 316 Stainless Steel, Add	249.26	
			For 2" Wheel Guard, Add	6.58	
			For 4" High Kick Plate, Add	8.66	
			For 6" High Kick Plate, Add	13.85	
			For Curved Rail, Add	50.38	
			For Mounting On Stairs, Add	29.61	
			For Mounting On Slopes, Add	9.87	
			For Post Base Flange With Screws, Add Per Post	20.45	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	30.92	
			For Custom Design Or Shapes (Square Tops, etc), Add	41.98	
			For Nylon Coating, Add	10.39	
05 52 13 00-0023	LF		1-1/2" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing.....	106.36	14.73
			For Schedule 80 Handrail, Add	23.57	
			For 11 Gauge A513 Steel Tubing, Deduct	-16.92	
			For 12 Gauge A513 Steel Tubing, Deduct	-19.23	
			For 14 Gauge A513 Steel Tubing, Deduct	-25.38	
			For 16 Gauge A513 Steel Tubing, Deduct	-29.99	
			For Additional Off Set Handrail, ADA Attachment, Add	18.48	
			For Aluminum, Satin Finish, Add	32.30	
			For Aluminum, Clear Anodized Finish, Add	49.99	
			For Aluminum, Dark Anodized Finish, Add	57.68	
			For Galvanizing, Add	30.76	
			For Wrought Iron, Add	10.64	
			For Solid Steel Rails, Add	21.27	
			For 304 Stainless Steel, Add	246.11	
			For 316 Stainless Steel, Add	276.88	
			For 2" Wheel Guard, Add	7.31	
			For 4" High Kick Plate, Add	9.61	
			For 6" High Kick Plate, Add	15.38	
			For Curved Rail, Add	54.98	
			For Mounting On Stairs, Add	31.91	
			For Mounting On Slopes, Add	10.64	
			For Post Base Flange With Screws, Add Per Post	20.45	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	30.92	
			For Custom Design Or Shapes (Square Tops, etc), Add	45.82	
			For Nylon Coating, Add	11.54	

05	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	123.44	14.73
			For Schedule 80 Handrail, Add	27.34	
			For 11 Gauge A513 Steel Tubing, Deduct	-20.68	
			For 12 Gauge A513 Steel Tubing, Deduct	-23.50	
			For 14 Gauge A513 Steel Tubing, Deduct	-31.02	
			For 16 Gauge A513 Steel Tubing, Deduct	-36.66	
			For Additional Off Set Handrail, ADA Attachment, Add	21.27	
			For Aluminum, Satin Finish, Add	39.48	
			For Aluminum, Clear Anodized Finish, Add	61.09	
			For Aluminum, Dark Anodized Finish, Add	70.49	
			For Galvanizing, Add	37.60	
			For Wrought Iron, Add	12.34	
			For Solid Steel Rails, Add	24.69	
			For 304 Stainless Steel, Add	300.77	
			For 316 Stainless Steel, Add	338.36	
			For 2" Wheel Guard, Add	8.93	
			For 4" High Kick Plate, Add	11.75	
			For 6" High Kick Plate, Add	18.80	
			For Curved Rail, Add	65.23	
			For Mounting On Stairs, Add	37.03	
			For Mounting On Slopes, Add	12.34	
			For Post Base Flange With Screws, Add Per Post	20.45	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	30.92	
			For Custom Design Or Shapes (Square Tops, etc), Add	54.36	
			For Nylon Coating, Add	14.10	
05 52 13 00-0025	LF		2-1/2" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing	143.46	14.73
			For Schedule 80 Handrail, Add	31.15	
			For 11 Gauge A513 Steel Tubing, Deduct	25.08	
			For 12 Gauge A513 Steel Tubing, Deduct	-28.50	
			For 14 Gauge A513 Steel Tubing, Deduct	-37.62	
			For 16 Gauge A513 Steel Tubing, Deduct	-44.46	
			For Additional Off Set Handrail, ADA Attachment, Add	24.63	
			For Aluminum, Satin Finish, Add	47.88	
			For Aluminum, Clear Anodized Finish, Add	74.11	
			For Aluminum, Dark Anodized Finish, Add	85.51	
			For Galvanizing, Add	45.60	
			For Wrought Iron, Add	14.35	
			For Solid Steel Rails, Add	28.69	
			For 304 Stainless Steel, Add	364.83	
			For 316 Stainless Steel, Add	410.44	
			For 2" Wheel Guard, Add	10.83	
			For 4" High Kick Plate, Add	14.25	
			For 6" High Kick Plate, Add	22.80	
			For Curved Rail, Add	77.24	
			For Mounting On Stairs, Add	43.04	
			For Mounting On Slopes, Add	14.35	
			For Post Base Flange With Screws, Add Per Post	20.45	
			For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	30.92	
			For Custom Design Or Shapes (Square Tops, etc), Add	64.37	
			For Nylon Coating, Add	17.10	
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	14.97	
05 52 13 00-0029	SF		Galvanized Steel, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel	15.90	
05 52 13 00-0030	SF		Aluminum, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel	16.71	
05 52 13 00-0031	SF		Stainless Steel, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel.....	28.26	
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	14.68	
05 52 13 00-0034	SF		Galvanized Steel, Perforated Metal, Railing Infill Panel	15.18	
05 52 13 00-0035	SF		Aluminum, Perforated Metal, Railing Infill Panel	16.25	
05 52 13 00-0036	SF		Stainless Steel, Perforated Metal, Railing Infill Panel	32.61	
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.....	6.62	
05 52 13 00-0039	SF		Galvanized Steel, Expanded Metal, Railing Infill Panel	13.53	
05 52 13 00-0040	SF		Aluminum, Expanded Metal, Railing Infill Panel.....	17.77	
05 52 13 00-0041	SF		Stainless Steel, Expanded Metal, Railing Infill Panel.....	26.50	
05 52 13 00-0042			Railing Accessories (05 52 13)		
05 52 13 00-0043	EA		Anti-Skateboard Devise Attached To Stair Railing.....	45.66	20.40
05 52 13 00-0044			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		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
05 52 13 00-0045	LF 1" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing.....	37.67		6.31
	For Schedule 80 Handrail, Add	3.55		
	For 11 Gauge A513 Steel Tubing, Deduct	-4.62		
	For 12 Gauge A513 Steel Tubing, Deduct	-5.47		
	For 14 Gauge A513 Steel Tubing, Deduct	-7.22		
	For 16 Gauge A513 Steel Tubing, Deduct	-8.54		
	For Stainless Steel, Add	43.78		
	For Aluminum, Satin Finish, Add	9.19		
	For Curved Rail, Add	11.30		
	For Aluminum, Clear Anodized Finish, Add	14.23		
	For Aluminum, Dark Anodized Finish, Add	16.42		
	For Galvanized Finish, Add	6.57		
05 52 13 00-0046	LF 1-1/4" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	38.38		6.31
	For Schedule 80 Handrail, Add	4.46		
	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	-7.46		
	For 16 Gauge A513 Steel Tubing, Deduct	-8.81		
	For Stainless Steel, Add	45.20		
	For Aluminum, Satin Finish, Add	9.49		
	For Curved Rail, Add	11.51		
	For Aluminum, Clear Anodized Finish, Add	14.69		
	For Aluminum, Dark Anodized Finish, Add	16.95		
	For Galvanized Finish, Add	6.78		
05 52 13 00-0047	LF 1-1/2" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	39.09		6.31
	For Schedule 80 Handrail, Add	16.90		
	For 11 Gauge A513 Steel Tubing, Deduct	-5.13		
	For 12 Gauge A513 Steel Tubing, Deduct	-5.83		
	For 14 Gauge A513 Steel Tubing, Deduct	-7.69		
	For 16 Gauge A513 Steel Tubing, Deduct	-9.09		
	For Stainless Steel, Add	46.62		
	For Aluminum, Satin Finish, Add	9.79		
	For Curved Rail, Add	11.73		
	For Aluminum, Clear Anodized Finish, Add	15.15		
	For Aluminum, Dark Anodized Finish, Add	17.48		
	For Galvanized Finish, Add	6.99		
05 52 13 00-0048	LF 2" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing.....	47.21		6.31
	For Schedule 80 Handrail, Add	6.16		
	For 11 Gauge A513 Steel Tubing, Deduct	-6.91		
	For 12 Gauge A513 Steel Tubing, Deduct	-7.86		
	For 14 Gauge A513 Steel Tubing, Deduct	-10.37		
	For 16 Gauge A513 Steel Tubing, Deduct	-12.26		
	For Stainless Steel, Add	62.86		
	For Aluminum, Satin Finish, Add	13.20		
	For Curved Rail, Add	14.16		
	For Aluminum, Clear Anodized Finish, Add	20.43		
	For Aluminum, Dark Anodized Finish, Add	23.57		
	For Galvanized Finish, Add	9.43		
05 52 13 00-0049	LF 2-1/2" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	53.92		6.31
	For Schedule 80 Handrail, Add	6.93		
	For 11 Gauge A513 Steel Tubing, Deduct	-8.39		
	For 12 Gauge A513 Steel Tubing, Deduct	-9.54		
	For 14 Gauge A513 Steel Tubing, Deduct	-12.59		
	For 16 Gauge A513 Steel Tubing, Deduct	-14.87		
	For Stainless Steel, Add	76.28		
	For Aluminum, Satin Finish, Add	16.02		
	For Curved Rail, Add	16.18		
	For Aluminum, Clear Anodized Finish, Add	24.79		
	For Aluminum, Dark Anodized Finish, Add	28.61		
	For Galvanized Finish, Add	11.44		
05 52 13 00-0050	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 00-0051	LF 1" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	45.97		6.62
	For Schedule 80 Handrail, Add	3.55		
	For 11 Gauge A513 Steel Tubing, Deduct	-6.64		
	For 12 Gauge A513 Steel Tubing, Deduct	-7.55		
	For 14 Gauge A513 Steel Tubing, Deduct	-9.96		
	For 16 Gauge A513 Steel Tubing, Deduct	-11.77		
	For Stainless Steel, Add	60.38		
	For Aluminum, Satin Finish, Add	12.68		
	For Curved Rail, Add	13.79		
	For Aluminum, Clear Anodized Finish, Add	19.62		
	For Aluminum, Dark Anodized Finish, Add	22.64		
	For Galvanized Finish, Add	9.06		

05 Metals**05 50 Metal Fabrications****05 52 Metal Railings**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0052	LF	1-1/4" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	46.96	6.62
		For Schedule 80 Handrail, Add	4.46	
		For 11 Gauge A513 Steel Tubing, Deduct	-6.86	
		For 12 Gauge A513 Steel Tubing, Deduct	-7.80	
		For 14 Gauge A513 Steel Tubing, Deduct	-10.29	
		For 16 Gauge A513 Steel Tubing, Deduct	-12.16	
		For Stainless Steel, Add	62.36	
		For Aluminum, Satin Finish, Add	13.10	
		For Curved Rail, Add	14.09	
		For Aluminum, Clear Anodized Finish, Add	20.27	
		For Aluminum, Dark Anodized Finish, Add	23.39	
		For Galvanized Finish, Add	9.35	
05 52 13 00-0053	LF	1-1/2" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	47.70	6.62
		For Schedule 80 Handrail, Add	16.90	
		For 11 Gauge A513 Steel Tubing, Deduct	-7.02	
		For 12 Gauge A513 Steel Tubing, Deduct	-7.98	
		For 14 Gauge A513 Steel Tubing, Deduct	-10.53	
		For 16 Gauge A513 Steel Tubing, Deduct	-12.45	
		For Stainless Steel, Add	63.84	
		For Aluminum, Satin Finish, Add	13.41	
		For Curved Rail, Add	14.31	
		For Aluminum, Clear Anodized Finish, Add	20.75	
		For Aluminum, Dark Anodized Finish, Add	23.94	
		For Galvanized Finish, Add	9.58	
05 52 13 00-0054	LF	2" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	59.04	6.62
		For Schedule 80 Handrail, Add	6.16	
		For 11 Gauge A513 Steel Tubing, Deduct	-9.52	
		For 12 Gauge A513 Steel Tubing, Deduct	-10.82	
		For 14 Gauge A513 Steel Tubing, Deduct	-14.28	
		For 16 Gauge A513 Steel Tubing, Deduct	-16.87	
		For Stainless Steel, Add	86.52	
		For Aluminum, Satin Finish, Add	18.17	
		For Curved Rail, Add	17.71	
		For Aluminum, Clear Anodized Finish, Add	28.12	
		For Aluminum, Dark Anodized Finish, Add	32.45	
		For Galvanized Finish, Add	12.98	
05 52 13 00-0055	LF	2-1/2" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	66.45	6.62
		For Schedule 80 Handrail, Add	6.93	
		For 11 Gauge A513 Steel Tubing, Deduct	-11.15	
		For 12 Gauge A513 Steel Tubing, Deduct	-12.67	
		For 14 Gauge A513 Steel Tubing, Deduct	-16.72	
		For 16 Gauge A513 Steel Tubing, Deduct	-19.76	
		For Stainless Steel, Add	101.34	
		For Aluminum, Satin Finish, Add	21.28	
		For Curved Rail, Add	19.94	
		For Aluminum, Clear Anodized Finish, Add	32.94	
		For Aluminum, Dark Anodized Finish, Add	38.00	
		For Galvanized Finish, Add	15.20	
05 52 13 00-0056		Remove And Reinstall Pipe Railing (05 52 13)		
05 52 13 00-0057	LF	Removal And Reinstallation Of Wall Bracket Mounted Pipe Railing	23.66	
05 52 13 00-0058	LF	Removal And Reinstallation Of Floor Mounted Pipe Railing	31.98	
05 52 13 00-0059	EA	Install New Galvanized Steel Pipe Railing Bracket	64.47	
		For Stainless Steel, Add	65.82	
05 52 13 00-0060		Non-Welded Aluminum Railing (05 52 13)		
05 52 13 00-0061		One Rail, Up To 43" High, Non-Welded Aluminum Pipe Railings (05 52 13 00-0060)		
		Note: Includes one rail.		
05 52 13 00-0062	LF	1-1/2" Diameter, 43" High, Schedule 40, Non-Welded, Clear Anodized Finish, Aluminum Railing Assembly With One Horizontal Line	118.00	16.25
		Note: Includes railing, posts with reinforcement rod, #508 floor cover flanges, #540 side cover flange, #506 mitered elbows, #513 rail elbow and #530 rail end loops. Excludes concrete core drilling or patching.		
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.		



			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 00-0003	SF		3/4" x 1/8" Steel, Welded Grating For One Coat Of Shop Applied Paint (Red Or Black), Add For Galvanized Steel, Add For 304 Stainless Steel, Add Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center For Bearing Bars At 15/16" On-Center, Add For Crossbars At 2" On-Center, Add For Set In Place Without Bolting Or Tack Welding, Deduct	13.60 0.22 1.92 36.24 3.30 1.22 -1.83	1.16
05 53 13 00-0004	SF		3/4" x 3/16" Steel, Welded Grating For One Coat Of Shop Applied Paint (Red Or Black), Add For Galvanized Steel, Add For 304 Stainless Steel, Add Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center For Bearing Bars At 15/16" On-Center, Add For Crossbars At 2" On-Center, Add For Set In Place Without Bolting Or Tack Welding, Deduct	18.28 0.22 2.71 51.26 4.66 1.72 -1.95	1.16
05 53 13 00-0005	SF		1" x 1/8" Steel, Welded Grating For One Coat Of Shop Applied Paint (Red Or Black), Add For Galvanized Steel, Add For 304 Stainless Steel, Add Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center For Bearing Bars At 15/16" On-Center, Add For Crossbars At 2" On-Center, Add For Serrated Wear Surface, Add For Set In Place Without Bolting Or Tack Welding, Deduct	16.61 0.22 2.43 45.90 4.18 1.54 0.16 -1.91	1.16
05 53 13 00-0006	SF		1" x 3/16" Steel, Welded Grating For One Coat Of Shop Applied Paint (Red Or Black), Add For Galvanized Steel, Add For 304 Stainless Steel, Add Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center For Bearing Bars At 15/16" On-Center, Add For Crossbars At 2" On-Center, Add For Serrated Wear Surface, Add For Set In Place Without Bolting Or Tack Welding, Deduct	22.95 0.22 3.51 66.25 6.03 2.23 0.16 -2.06	1.16
05 53 13 00-0007	SF		1" x 1/4" Steel, Welded Grating For One Coat Of Shop Applied Paint (Red Or Black), Add For Galvanized Steel, Add For 304 Stainless Steel, Add Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center For Bearing Bars At 15/16" On-Center, Add For Crossbars At 2" On-Center, Add For Serrated Wear Surface, Add For Set In Place Without Bolting Or Tack Welding, Deduct	29.30 0.22 4.59 86.64 7.88 2.91 0.16 -2.22	1.16
05 53 13 00-0008	SF		1-1/4" x 1/8" Steel, Welded Grating For One Coat Of Shop Applied Paint (Red Or Black), Add For Galvanized Steel, Add For 304 Stainless Steel, Add Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center For Bearing Bars At 15/16" On-Center, Add For Crossbars At 2" On-Center, Add For Serrated Wear Surface, Add For Set In Place Without Bolting Or Tack Welding, Deduct	19.65 0.22 2.95 55.66 5.06 1.87 0.16 -1.98	1.16
05 53 13 00-0009	SF		1-1/4" x 3/16" Steel, Welded Grating For One Coat Of Shop Applied Paint (Red Or Black), Add For Galvanized Steel, Add For 304 Stainless Steel, Add Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center For Bearing Bars At 15/16" On-Center, Add For Crossbars At 2" On-Center, Add For Serrated Wear Surface, Add For Set In Place Without Bolting Or Tack Welding, Deduct	27.36 0.22 4.26 80.41 7.31 2.71 0.16 -2.17	1.16
05 53 13 00-0010	SF		1-1/2" x 1/8" Steel, Welded Grating For One Coat Of Shop Applied Paint (Red Or Black), Add For Galvanized Steel, Add For 304 Stainless Steel, Add Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center For Bearing Bars At 15/16" On-Center, Add For Crossbars At 2" On-Center, Add For Serrated Wear Surface, Add For Set In Place Without Bolting Or Tack Welding, Deduct	22.69 0.22 3.46 65.42 5.95 2.20 0.16 -2.06	1.16
05 53 13 00-0011	SF		1-1/2" x 3/16" Steel, Welded Grating For One Coat Of Shop Applied Paint (Red Or Black), Add For Galvanized Steel, Add For 304 Stainless Steel, Add Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center For Bearing Bars At 15/16" On-Center, Add For Crossbars At 2" On-Center, Add For Serrated Wear Surface, Add For Set In Place Without Bolting Or Tack Welding, Deduct	32.53 0.22 5.05 95.30 8.67 3.21 0.16 -2.65	1.42

05	05	Metals
	05 50	Metal Fabrications
	05 53	Metal Gratings



MINOR			TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION			UNIT COST	UNIT COST
05 53 13 00-0012	SF	1-1/2" x 1/4" Steel, Welded Grating	42.19	1.42
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	6.69	
		For 304 Stainless Steel, Add	126.31	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	11.49	
		For Crossbars At 2" On-Center, Add	4.25	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.89	
05 53 13 00-0013	SF	1-3/4" x 3/16" Steel, Welded Grating	37.24	1.42
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	5.85	
		For 304 Stainless Steel, Add	110.42	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	10.04	
		For Crossbars At 2" On-Center, Add	3.72	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.76	
05 53 13 00-0014	SF	2" x 3/16" Steel, Welded Grating.....	41.65	1.42
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	6.60	
		For 304 Stainless Steel, Add	124.58	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	11.33	
		For Crossbars At 2" On-Center, Add	4.19	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.87	
05 53 13 00-0015	SF	2-1/4" x 3/16" Steel, Welded Grating	46.33	1.42
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	7.39	
		For 304 Stainless Steel, Add	139.60	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	12.70	
		For Crossbars At 2" On-Center, Add	4.70	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.99	
05 53 13 00-0016	SF	2-1/2" x 3/16" Steel, Welded Grating	50.74	1.42
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	8.14	
		For 304 Stainless Steel, Add	153.76	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	13.99	
		For Crossbars At 2" On-Center, Add	5.17	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-3.10	
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.....	25.86	1.16
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	3.86	
		For 304 Stainless Steel, Add	44.06	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	6.88	
		For Crossbars At 2" On-Center, Add	2.54	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.14	
05 53 13 00-0020	SF	3/4" x 3/16" Steel, Pressure Locked Grating.....	31.87	1.16
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	4.85	
		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	8.63	
		For Crossbars At 2" On-Center, Add	3.19	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.29	
05 53 13 00-0021	SF	1" x 1/8" Steel, Pressure Locked Grating.....	28.43	1.16
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
		For Galvanized Steel, Add	4.28	
		For 304 Stainless Steel, Add	48.87	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
		For Bearing Bars At 15/16" On-Center, Add	7.63	
		For Crossbars At 2" On-Center, Add	2.82	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.20	



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 00-0022	SF	1" x 3/16" Steel, Pressure Locked Grating.....	38.75	1.16	
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22		
		For Galvanized Steel, Add	5.98		
		For 304 Stainless Steel, Add	68.18		
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center			
		For Bearing Bars At 7/16" On-Center, Add	52.84		
		For Bearing Bars At 15/16" On-Center, Add	10.64		
		For Crossbars At 2" On-Center, Add	3.94		
		For Serrated Wear Surface, Add	0.16		
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.46		
05 53 13 00-0023	SF	1-1/4" x 1/8" Steel, Pressure Locked Grating.....	31.87	1.16	
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22		
		For Galvanized Steel, Add	4.85		
		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	8.63		
		For Crossbars At 2" On-Center, Add	3.19		
		For Serrated Wear Surface, Add	0.16		
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.29		
05 53 13 00-0024	SF	1-1/4" x 3/16" Steel, Pressure Locked Grating.....	43.53	1.16	
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22		
		For Galvanized Steel, Add	6.76		
		For 304 Stainless Steel, Add	77.12		
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center			
		For Bearing Bars At 15/16" On-Center, Add	12.04		
		For Crossbars At 2" On-Center, Add	4.45		
		For Serrated Wear Surface, Add	0.16		
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.58		
05 53 13 00-0025	SF	1-1/2" x 1/8" Steel, Pressure Locked Grating.....	35.48	1.16	
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22		
		For Galvanized Steel, Add	5.44		
		For 304 Stainless Steel, Add	62.06		
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center			
		For Bearing Bars At 15/16" On-Center, Add	9.69		
		For Crossbars At 2" On-Center, Add	3.58		
		For Serrated Wear Surface, Add	0.16		
		For Set In Place Without Bolting Or Tack Welding, Deduct	-2.38		
05 53 13 00-0026	SF	1-1/2" x 3/16" Steel, Pressure Locked Grating.....	49.07	1.42	
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22		
		For Galvanized Steel, Add	7.58		
		For 304 Stainless Steel, Add	86.50		
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center			
		For Bearing Bars At 7/16" On-Center, Add	67.03		
		For Bearing Bars At 15/16" On-Center, Add	13.50		
		For Crossbars At 2" On-Center, Add	4.99		
		For Serrated Wear Surface, Add	0.16		
		For Set In Place Without Bolting Or Tack Welding, Deduct	-3.06		
05 53 13 00-0027	SF	1-3/4" x 3/16" Steel, Pressure Locked Grating.....	54.11	1.42	
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22		
		For Galvanized Steel, Add	8.41		
		For 304 Stainless Steel, Add	95.93		
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center			
		For Bearing Bars At 15/16" On-Center, Add	14.97		
		For Crossbars At 2" On-Center, Add	5.54		
		For Serrated Wear Surface, Add	0.16		
		For Set In Place Without Bolting Or Tack Welding, Deduct	-3.18		
05 53 13 00-0028	SF	2" x 3/16" Steel, Pressure Locked Grating.....	58.22	1.42	
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22		
		For Galvanized Steel, Add	9.08		
		For 304 Stainless Steel, Add	103.62		
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center			
		For Bearing Bars At 15/16" On-Center, Add	16.17		
		For Crossbars At 2" On-Center, Add	5.98		
		For Serrated Wear Surface, Add	0.16		
		For Set In Place Without Bolting Or Tack Welding, Deduct	-3.29		
05 53 13 00-0029	SF	2-1/4" x 3/16" Steel, Pressure Locked Grating.....	62.16	1.42	
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22		
		For Galvanized Steel, Add	9.73		
		For 304 Stainless Steel, Add	110.99		
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center			
		For Bearing Bars At 15/16" On-Center, Add	17.32		
		For Crossbars At 2" On-Center, Add	6.41		
		For Serrated Wear Surface, Add	0.16		
		For Set In Place Without Bolting Or Tack Welding, Deduct	-3.39		
05 53 13 00-0030	SF	2-1/2" x 3/16" Steel, Pressure Locked Grating.....	65.57	1.42	
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22		
		For Galvanized Steel, Add	10.29		
		For 304 Stainless Steel, Add	117.37		
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center			
		For Bearing Bars At 15/16" On-Center, Add	18.32		
		For Crossbars At 2" On-Center, Add	6.77		
		For Serrated Wear Surface, Add	0.16		
		For Set In Place Without Bolting Or Tack Welding, Deduct	-3.47		

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 Metals**05 50 Metal Fabrications****05 53 Metal Gratings**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0032	SF	3/4" x 1/8" Aluminum, Pressure Locked Grating	17.01	1.16
		For Bearing Bars At 15/16" On-Center, Add	4.29	
		For Crossbars At 2" On-Center, Add	1.59	
		For Set In Place Without Bolting, Deduct	-1.92	
		For Powder Coating, Add	2.21	
05 53 13 00-0033	SF	3/4" x 3/16" Aluminum, Pressure Locked Grating	23.04	1.16
		For Bearing Bars At 15/16" On-Center, Add	6.05	
		For Crossbars At 2" On-Center, Add	2.24	
		For Set In Place Without Bolting, Deduct	-2.07	
		For Powder Coating, Add	3.11	
05 53 13 00-0034	SF	1" x 1/8" Aluminum, Pressure Locked Grating	21.74	1.16
		For Bearing Bars At 15/16" On-Center, Add	5.67	
		For Crossbars At 2" On-Center, Add	2.10	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting, Deduct	-2.03	
		For Powder Coating, Add	2.91	
05 53 13 00-0035	SF	1" x 3/16" Aluminum, Pressure Locked Grating	29.53	1.16
		For Bearing Bars At 7/16" On-Center, Add	39.47	
		For Bearing Bars At 15/16" On-Center, Add	7.95	
		For Crossbars At 2" On-Center, Add	2.94	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting, Deduct	-2.23	
		For Powder Coating, Add	4.08	
05 53 13 00-0036	SF	1-1/4" x 1/8" Aluminum, Pressure Locked Grating	25.17	1.16
		For Bearing Bars At 15/16" On-Center, Add	6.68	
		For Crossbars At 2" On-Center, Add	2.47	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting, Deduct	-2.12	
		For Powder Coating, Add	3.43	
05 53 13 00-0037	SF	1-1/4" x 3/16" Aluminum, Pressure Locked Grating	33.66	1.16
		For Bearing Bars At 15/16" On-Center, Add	9.15	
		For Crossbars At 2" On-Center, Add	3.39	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting, Deduct	-2.33	
		For Powder Coating, Add	4.70	
05 53 13 00-0038	SF	1-1/2" x 1/8" Aluminum, Pressure Locked Grating	28.39	1.16
		For Bearing Bars At 15/16" On-Center, Add	7.62	
		For Crossbars At 2" On-Center, Add	2.82	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting, Deduct	-2.20	
		For Powder Coating, Add	3.91	
05 53 13 00-0039	SF	1-1/2" x 3/16" Aluminum, Pressure Locked Grating	37.92	1.16
		For Bearing Bars At 7/16" On-Center, Add	51.63	
		For Bearing Bars At 15/16" On-Center, Add	10.40	
		For Crossbars At 2" On-Center, Add	3.85	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting, Deduct	-2.44	
		For Powder Coating, Add	5.34	
05 53 13 00-0040	SF	1-3/4" x 3/16" Aluminum, Pressure Locked Grating	42.00	1.16
		For Bearing Bars At 15/16" On-Center, Add	11.59	
		For Crossbars At 2" On-Center, Add	4.29	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting, Deduct	-2.54	
		For Powder Coating, Add	5.95	
05 53 13 00-0041	SF	2" x 3/16" Aluminum, Pressure Locked Grating	46.83	1.16
		For Bearing Bars At 15/16" On-Center, Add	13.00	
		For Crossbars At 2" On-Center, Add	4.81	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting, Deduct	-2.66	
		For Powder Coating, Add	6.68	
05 53 13 00-0042	SF	2-1/4" x 3/16" Aluminum, Pressure Locked Grating	50.62	1.16
		For Bearing Bars At 15/16" On-Center, Add	14.11	
		For Crossbars At 2" On-Center, Add	5.22	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting, Deduct	-2.76	
		For Powder Coating, Add	7.25	
05 53 13 00-0043	SF	2-1/2" x 3/16" Aluminum, Pressure Locked Grating	55.14	1.16
		For Bearing Bars At 15/16" On-Center, Add	15.43	
		For Crossbars At 2" On-Center, Add	5.71	
		For Serrated Wear Surface, Add	0.16	
		For Set In Place Without Bolting, Deduct	-2.87	
		For Powder Coating, Add	7.92	

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.



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 00-0046	SF		1" x 3/16" Steel, Swaged Grating.....	42.43	1.16
			For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
			For Galvanized Steel, Add	3.69	
			For 304 Stainless Steel, Add	66.52	
			Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
			For Bearing Bars At 15/16" On-Center, Add	25.68	
			For Crossbars At 2" On-Center, Add	3.21	
			For Serrated Wear Surface, Add	0.16	
			For Set In Place Without Bolting Or Tack Welding, Deduct	-2.55	
05 53 13 00-0047	SF		1-1/4" x 3/16" Steel, Swaged Grating	47.37	1.16
			For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
			For Galvanized Steel, Add	4.15	
			For 304 Stainless Steel, Add	74.71	
			Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
			For Bearing Bars At 15/16" On-Center, Add	28.84	
			For Crossbars At 2" On-Center, Add	3.60	
			For Serrated Wear Surface, Add	0.16	
			For Set In Place Without Bolting Or Tack Welding, Deduct	-2.67	
05 53 13 00-0048	SF		1-1/2" x 3/16" Steel, Swaged Grating	51.77	1.42
			For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
			For Galvanized Steel, Add	4.50	
			For 304 Stainless Steel, Add	81.13	
			Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
			For Bearing Bars At 15/16" On-Center, Add	31.32	
			For Crossbars At 2" On-Center, Add	3.91	
			For Serrated Wear Surface, Add	0.16	
			For Set In Place Without Bolting Or Tack Welding, Deduct	-3.13	
05 53 13 00-0049	SF		1-3/4" x 3/16" Steel, Swaged Grating	59.36	1.42
			For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
			For Galvanized Steel, Add	5.20	
			For 304 Stainless Steel, Add	93.71	
			Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
			For Bearing Bars At 15/16" On-Center, Add	36.17	
			For Crossbars At 2" On-Center, Add	4.52	
			For Serrated Wear Surface, Add	0.16	
			For Set In Place Without Bolting Or Tack Welding, Deduct	-3.32	
05 53 13 00-0050	SF		2" x 3/16" Steel, Swaged Grating.....	66.97	1.42
			For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
			For Galvanized Steel, Add	5.90	
			For 304 Stainless Steel, Add	106.33	
			Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
			For Bearing Bars At 15/16" On-Center, Add	41.04	
			For Crossbars At 2" On-Center, Add	5.13	
			For Serrated Wear Surface, Add	0.16	
			For Set In Place Without Bolting Or Tack Welding, Deduct	-3.51	
05 53 13 00-0051	SF		2-1/4" x 3/16" Steel, Swaged Grating	74.56	1.42
			For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
			For Galvanized Steel, Add	6.60	
			For 304 Stainless Steel, Add	118.91	
			Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
			For Bearing Bars At 15/16" On-Center, Add	45.90	
			For Crossbars At 2" On-Center, Add	5.74	
			For Serrated Wear Surface, Add	0.16	
			For Set In Place Without Bolting Or Tack Welding, Deduct	-3.70	
05 53 13 00-0052	SF		2-1/2" x 3/16" Steel, Swaged Grating	82.17	1.42
			For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
			For Galvanized Steel, Add	7.30	
			For 304 Stainless Steel, Add	131.53	
			Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
			For Bearing Bars At 15/16" On-Center, Add	50.77	
			For Crossbars At 2" On-Center, Add	6.35	
			For Serrated Wear Surface, Add	0.16	
			For Set In Place Without Bolting Or Tack Welding, Deduct	-3.89	
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.....	20.08	1.16
			For Bearing Bars At 15/16" On-Center, Add	11.37	
			For Crossbars At 2" On-Center, Add	1.42	
			For Serrated Wear Surface, Add	0.16	
			For Set In Place Without Bolting, Deduct	-1.99	
			For Powder Coating, Add	2.67	
05 53 13 00-0055	SF		1" x 3/16" Aluminum, Swaged Grating.....	26.03	1.16
			For Bearing Bars At 15/16" On-Center, Add	15.18	
			For Crossbars At 2" On-Center, Add	1.90	
			For Serrated Wear Surface, Add	0.16	
			For Set In Place Without Bolting, Deduct	-2.14	
			For Powder Coating, Add	3.56	
05 53 13 00-0056	SF		1-1/4" x 1/8" Aluminum, Swaged Grating.....	22.75	1.16
			For Bearing Bars At 15/16" On-Center, Add	13.08	
			For Crossbars At 2" On-Center, Add	1.64	
			For Serrated Wear Surface, Add	0.16	
			For Set In Place Without Bolting, Deduct	-2.06	
			For Powder Coating, Add	3.07	

05 Metals**05 50 Metal Fabrications****05 53 Metal Gratings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0057	SF	1-1/4" x 3/16" Aluminum, Swaged Grating.....	30.03	1.16	
		For Bearing Bars At 15/16" On-Center, Add	17.74		
		For Crossbars At 2" On-Center, Add	2.22		
		For Serrated Wear Surface, Add	0.16		
		For Set In Place Without Bolting, Deduct	-2.24		
		For Powder Coating, Add	4.16		
05 53 13 00-0058	SF	1-1/2" x 1/8" Aluminum, Swaged Grating.....	25.92	1.16	
		For Bearing Bars At 15/16" On-Center, Add	15.11		
		For Crossbars At 2" On-Center, Add	1.89		
		For Serrated Wear Surface, Add	0.16		
		For Set In Place Without Bolting, Deduct	-2.14		
		For Powder Coating, Add	3.54		
05 53 13 00-0059	SF	1-1/2" x 3/16" Aluminum, Swaged Grating.....	34.31	1.16	
		For Bearing Bars At 15/16" On-Center, Add	20.48		
		For Crossbars At 2" On-Center, Add	2.56		
		For Serrated Wear Surface, Add	0.16		
		For Set In Place Without Bolting, Deduct	-2.35		
		For Powder Coating, Add	4.80		
05 53 13 00-0060	SF	1-3/4" x 3/16" Aluminum, Swaged Grating.....	39.25	1.16	
		For Bearing Bars At 15/16" On-Center, Add	23.64		
		For Crossbars At 2" On-Center, Add	2.96		
		For Serrated Wear Surface, Add	0.16		
		For Set In Place Without Bolting, Deduct	-2.47		
		For Powder Coating, Add	5.54		
05 53 13 00-0061	SF	2" x 3/16" Aluminum, Swaged Grating.....	44.16	1.16	
		For Bearing Bars At 15/16" On-Center, Add	26.78		
		For Crossbars At 2" On-Center, Add	3.35		
		For Serrated Wear Surface, Add	0.16		
		For Set In Place Without Bolting, Deduct	-2.59		
		For Powder Coating, Add	6.28		
05 53 13 00-0062	SF	2-1/4" x 3/16" Aluminum, Swaged Grating.....	49.09	1.16	
		For Bearing Bars At 15/16" On-Center, Add	29.94		
		For Crossbars At 2" On-Center, Add	3.74		
		For Serrated Wear Surface, Add	0.16		
		For Set In Place Without Bolting, Deduct	-2.72		
		For Powder Coating, Add	7.02		
05 53 13 00-0063	SF	2-1/2" x 3/16" Aluminum, Swaged Grating.....	54.00	1.16	
		For Bearing Bars At 15/16" On-Center, Add	33.08		
		For Crossbars At 2" On-Center, Add	4.14		
		For Serrated Wear Surface, Add	0.16		
		For Set In Place Without Bolting, Deduct	-2.84		
		For Powder Coating, Add	7.75		
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.....	80.77	1.16	
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22		
		For Galvanized Steel, Add	3.77		
		For 304 Stainless Steel, Add	67.40		
		For 5/8" Clear Opening, Add	27.07		
		For Set In Place Without Bolting Or Tack Welding, Deduct	-3.51		
05 53 13 00-0067	SF	3/4" x 3/16", 8.5 LB/SF, Steel, Riveted Grating.....	95.14	1.16	
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22		
		For Galvanized Steel, Add	4.46		
		For 304 Stainless Steel, Add	79.74		
		For 5/8" Clear Opening, Add	32.03		
		For Set In Place Without Bolting Or Tack Welding, Deduct	-3.87		
05 53 13 00-0068	SF	1" x 1/8", 8.0 LB/SF, Steel, Riveted Grating.....	87.39	1.16	
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22		
		For Galvanized Steel, Add	4.08		
		For 304 Stainless Steel, Add	73.08		
		For 5/8" Clear Opening, Add	29.35		
		For Serrated Wear Surface, Add	0.16		
		For Set In Place Without Bolting Or Tack Welding, Deduct	-3.67		
05 53 13 00-0069	SF	1" x 3/16", 9.5 LB/SF, Steel, Riveted Grating.....	100.61	1.16	
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22		
		For Galvanized Steel, Add	4.72		
		For 304 Stainless Steel, Add	84.44		
		For 5/8" Clear Opening, Add	33.91		
		For Serrated Wear Surface, Add	0.16		
		For Set In Place Without Bolting Or Tack Welding, Deduct	-4.01		
05 53 13 00-0070	SF	1-1/4" x 1/8", 9.0 LB/SF, Steel, Riveted Grating.....	92.86	1.16	
		For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22		
		For Galvanized Steel, Add	4.35		
		For 304 Stainless Steel, Add	77.78		
		For 5/8" Clear Opening, Add	31.24		
		For Serrated Wear Surface, Add	0.16		
		For Set In Place Without Bolting Or Tack Welding, Deduct	-3.81		



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 00-0071	SF	1-1/4" x 3/16", 11.1 LB/SF, Steel, Riveted Grating	.....	110.80	1.16
		For One Coat Of Shop Applied Paint (Red Or Black), Add	.....	0.22	
		For Galvanized Steel, Add	.....	5.21	
		For 304 Stainless Steel, Add	.....	93.19	
		For 5/8" Clear Opening, Add	.....	37.43	
		For Serrated Wear Surface, Add	.....	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	.....	-4.26	
05 53 13 00-0072	SF	1-1/2" x 1/8", 10.1 LB/SF, Steel, Riveted Grating	.....	98.67	1.42
		For One Coat Of Shop Applied Paint (Red Or Black), Add	.....	0.22	
		For Galvanized Steel, Add	.....	4.60	
		For 304 Stainless Steel, Add	.....	82.32	
		For 5/8" Clear Opening, Add	.....	33.06	
		For Serrated Wear Surface, Add	.....	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	.....	-4.30	
05 53 13 00-0073	SF	1-1/2" x 3/16", 12.5 LB/SF, Steel, Riveted Grating	.....	117.85	1.42
		For One Coat Of Shop Applied Paint (Red Or Black), Add	.....	0.22	
		For Galvanized Steel, Add	.....	5.52	
		For 304 Stainless Steel, Add	.....	98.79	
		For 5/8" Clear Opening, Add	.....	39.68	
		For Serrated Wear Surface, Add	.....	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	.....	-4.78	
05 53 13 00-0074	SF	1-3/4" x 3/16", 14.0 LB/SF, Steel, Riveted Grating	.....	127.63	1.42
		For One Coat Of Shop Applied Paint (Red Or Black), Add	.....	0.22	
		For Galvanized Steel, Add	.....	5.99	
		For 304 Stainless Steel, Add	.....	107.19	
		For 5/8" Clear Opening, Add	.....	43.05	
		For Serrated Wear Surface, Add	.....	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	.....	-5.02	
05 53 13 00-0075	SF	2" x 3/16", 17.0 LB/SF, Steel, Riveted Grating	.....	149.48	1.42
		For One Coat Of Shop Applied Paint (Red Or Black), Add	.....	0.22	
		For Galvanized Steel, Add	.....	7.04	
		For 304 Stainless Steel, Add	.....	125.96	
		For 5/8" Clear Opening, Add	.....	50.59	
		For Serrated Wear Surface, Add	.....	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	.....	-5.57	
05 53 13 00-0076	SF	2-1/4" x 3/16", 18.5 LB/SF, Steel, Riveted Grating	.....	157.09	1.42
		For One Coat Of Shop Applied Paint (Red Or Black), Add	.....	0.22	
		For Galvanized Steel, Add	.....	7.40	
		For 304 Stainless Steel, Add	.....	132.50	
		For 5/8" Clear Opening, Add	.....	53.22	
		For Serrated Wear Surface, Add	.....	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	.....	-5.76	
05 53 13 00-0077	SF	2-1/2" x 3/16", 20.0 LB/SF, Steel, Riveted Grating	.....	163.87	1.42
		For One Coat Of Shop Applied Paint (Red Or Black), Add	.....	0.22	
		For Galvanized Steel, Add	.....	7.73	
		For 304 Stainless Steel, Add	.....	138.32	
		For 5/8" Clear Opening, Add	.....	55.56	
		For Serrated Wear Surface, Add	.....	0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct	.....	-5.93	
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	.....	42.88	1.16
		For 5/8" Clear Opening, Add	.....	14.00	
		For Powder Coating, Add	.....	6.09	
		For Set In Place Without Bolting, Deduct	.....	-2.56	
05 53 13 00-0080	SF	3/4" x 3/16", 2.9 LB/SF, Aluminum, Riveted Grating	.....	50.91	1.16
		For 5/8" Clear Opening, Add	.....	16.77	
		For Powder Coating, Add	.....	7.29	
		For Set In Place Without Bolting, Deduct	.....	-2.76	
05 53 13 00-0081	SF	1" x 1/8", 2.7 LB/SF, Aluminum, Riveted Grating	.....	47.17	1.16
		For 5/8" Clear Opening, Add	.....	15.48	
		For Serrated Wear Surface, Add	.....	0.16	
		For Powder Coating, Add	.....	6.73	
		For Set In Place Without Bolting, Deduct	.....	-2.67	
05 53 13 00-0082	SF	1" x 3/16", 3.2 LB/SF, Aluminum, Riveted Grating	.....	55.01	1.16
		For 5/8" Clear Opening, Add	.....	18.18	
		For Serrated Wear Surface, Add	.....	0.16	
		For Powder Coating, Add	.....	7.91	
		For Set In Place Without Bolting, Deduct	.....	-2.87	
05 53 13 00-0083	SF	1-1/4" x 1/8", 3.1 LB/SF, Aluminum, Riveted Grating	.....	52.91	1.16
		For 5/8" Clear Opening, Add	.....	17.46	
		For Serrated Wear Surface, Add	.....	0.16	
		For Powder Coating, Add	.....	7.59	
		For Set In Place Without Bolting, Deduct	.....	-2.81	
05 53 13 00-0084	SF	1-1/4" x 3/16", 3.8 LB/SF, Aluminum, Riveted Grating	.....	63.79	1.16
		For 5/8" Clear Opening, Add	.....	21.21	
		For Serrated Wear Surface, Add	.....	0.16	
		For Powder Coating, Add	.....	9.22	
		For Set In Place Without Bolting, Deduct	.....	-3.08	
05 53 13 00-0085	SF	1-1/2" x 1/8", 3.4 LB/SF, Aluminum, Riveted Grating	.....	56.83	1.16
		For 5/8" Clear Opening, Add	.....	18.81	
		For Serrated Wear Surface, Add	.....	0.16	
		For Powder Coating, Add	.....	8.18	
		For Set In Place Without Bolting, Deduct	.....	-2.91	

05 Metals**05 50 Metal Fabrications****05 53 Metal Gratings**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0086	SF	1-1/2" x 3/16", 4.3 LB/SF, Aluminum, Riveted Grating.....	70.65	1.16
		For 5/8" Clear Opening, Add	23.58	
		For Serrated Wear Surface, Add	0.16	
		For Powder Coating, Add	10.25	
		For Set In Place Without Bolting, Deduct	-3.26	
05 53 13 00-0087	SF	1-3/4" x 3/16", 4.8 LB/SF, Aluminum, Riveted Grating.....	77.90	1.16
		For 5/8" Clear Opening, Add	26.08	
		For Serrated Wear Surface, Add	0.16	
		For Powder Coating, Add	11.34	
		For Set In Place Without Bolting, Deduct	-3.44	
05 53 13 00-0088	SF	2" x 3/16", 5.8 LB/SF, Aluminum, Riveted Grating.....	92.78	1.16
		For 5/8" Clear Opening, Add	31.21	
		For Serrated Wear Surface, Add	0.16	
		For Powder Coating, Add	13.57	
		For Set In Place Without Bolting, Deduct	-3.81	
05 53 13 00-0089	SF	2-1/4" x 3/16", 6.4 LB/SF, Aluminum, Riveted Grating.....	101.23	1.16
		For 5/8" Clear Opening, Add	34.13	
		For Serrated Wear Surface, Add	0.16	
		For Powder Coating, Add	14.84	
		For Set In Place Without Bolting, Deduct	-4.02	
05 53 13 00-0090	SF	2-1/2" x 3/16", 7.2 LB/SF, Aluminum, Riveted Grating.....	112.55	1.16
		For 5/8" Clear Opening, Add	38.03	
		For Serrated Wear Surface, Add	0.16	
		For Powder Coating, Add	16.54	
		For Set In Place Without Bolting, Deduct	-4.30	

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.....	17.67	0.89
		For Stair Tread Application, Add	2.04	
05 53 16 00-0003	SF	2-1/2" Height, 18 Gauge Steel Grate-Lock Plank Grating.....	18.85	1.10
		For Stair Tread Application, Add	2.22	
05 53 16 00-0004	SF	3" Height, 18 Gauge Steel Grate-Lock Plank Grating.....	19.87	1.21
		For Stair Tread Application, Add	2.35	
05 53 16 00-0005	SF	4" Height, 18 Gauge Steel Grate-Lock Plank Grating.....	21.70	1.32
		For Stair Tread Application, Add	2.56	
05 53 16 00-0006	SF	1-1/2" Height, 16 Gauge Steel Grate-Lock Plank Grating.....	21.52	1.00
		For Stair Tread Application, Add	2.45	
05 53 16 00-0007	SF	2-1/2" Height, 16 Gauge Steel Grate-Lock Plank Grating.....	22.89	1.21
		For Stair Tread Application, Add	2.65	
05 53 16 00-0008	SF	1-1/2" Height, 14 Gauge Steel Grate-Lock Plank Grating.....	26.42	1.16
		For Stair Tread Application, Add	2.99	
05 53 16 00-0009	SF	2-1/2" Height, 14 Gauge Steel Grate-Lock Plank Grating.....	28.12	1.42
		For Stair Tread Application, Add	3.24	
05 53 16 00-0010	SF	3" Height, 14 Gauge Steel Grate-Lock Plank Grating.....	30.08	1.79
		For Stair Tread Application, Add	3.55	
05 53 16 00-0011	SF	4" Height, 14 Gauge Steel Grate-Lock Plank Grating.....	33.20	2.00
		For Stair Tread Application, Add	3.92	

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.....	22.44	1.37
05 54 00 00-0003	SF	14 Gauge Steel Raised Or Diamond Pattern Floor Plates.....	25.78	1.37
05 54 00 00-0004	SF	12 Gauge Steel Raised Or Diamond Pattern Floor Plates.....	32.51	1.37
05 54 00 00-0005	SF	1/8" Steel Raised Or Diamond Pattern Floor Plates.....	43.62	1.47
05 54 00 00-0006	SF	1/4" Steel Raised Or Diamond Pattern Floor Plates.....	55.68	1.57

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.....	30.08	1.16
		For Powder Coating, Add	4.17	
05 54 00 00-0009	SF	0.188" Aluminum Alloy Raised Or Diamond Pattern Floor Plate.....	34.52	1.37
		For Powder Coating, Add	4.78	
05 54 00 00-0010	SF	0.25" Aluminum Alloy Raised Or Diamond Pattern Floor Plate.....	38.97	1.47
		For Powder Coating, Add	5.40	

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.....	39.10	1.57
05 54 00 00-0013	SF	3/16" Type 304 Stainless Steel Raised Or Diamond Pattern Floor Plate.....	46.76	1.79
05 54 00 00-0014	SF	1/4" Type 304 Stainless Raised Or Diamond Pattern Steel Floor Plate.....	60.61	2.11

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.



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 00-0002	LF		8" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread <i>For 3/8" Thick, Add</i>	70.89 15.34	5.97
05 55 13 00-0003	LF		9" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread <i>For 3/8" Thick, Add</i>	78.27 17.18	5.97
05 55 13 00-0004	LF		10" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread <i>For 3/8" Thick, Add</i>	85.63 19.02	5.97
05 55 13 00-0005	LF		11" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread <i>For 3/8" Thick, Add</i>	93.04 20.87	5.97
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>	100.38 22.71	5.97
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	99.52	5.97
05 55 13 00-0009	LF		9" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	110.46	5.97
05 55 13 00-0010	LF		10" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	121.42	5.97
05 55 13 00-0011	LF		11" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	132.35	5.97
05 55 13 00-0012	LF		12" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	143.31	5.97
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.....	36.36	5.97
05 55 13 00-0015	LF		9" Depth, 5/32" Thick, 1-1/16" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Tread.....	43.05	5.97
05 55 13 00-0016	LF		11" Depth, 5/32" Thick, 1-1/16" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Tread.....	46.00	5.97
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..... <i>For Epoxy Sealed For Corrosive Environment, Add</i> <i>For Two Color Tread, Add</i>	54.82 4.64 3.48	5.97
05 55 13 00-0019	LF		9" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread..... <i>For Epoxy Sealed For Corrosive Environment, Add</i> <i>For Two Color Tread, Add</i>	55.38 4.64 3.48	5.97
05 55 13 00-0020	LF		11" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread..... <i>For Epoxy Sealed For Corrosive Environment, Add</i> <i>For Two Color Tread, Add</i>	67.41 4.64 3.48	5.97
05 55 13 00-0021	LF		12" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread..... <i>For Epoxy Sealed For Corrosive Environment, Add</i> <i>For Two Color Tread, Add</i>	77.95 4.64 3.48	5.97
05 55 13 00-0022	LF		15" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread..... <i>For Epoxy Sealed For Corrosive Environment, Add</i> <i>For Two Color Tread, Add</i>	91.69 4.64 3.48	5.97
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..... <i>For 3/8" Thick, Add</i>	100.38 22.71	5.97
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.....	143.31	5.97
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 <i>For Epoxy Sealed For Corrosive Environment, Add</i>	92.90 4.64	5.97
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 <i>For Closed Riser, Add</i>	789.01 67.75	42.08
05 55 13 00-0032	RSR		4'-0" Wide, Open Cast Iron Stair Tread <i>For Closed Riser, Add</i>	882.39 75.61	48.39
05 55 13 00-0033	RSR		5'-0" Wide, Open Cast Iron Stair Tread <i>For Closed Riser, Add</i>	970.65 83.08	56.81
05 55 16			Metal Stair Nosings (05 55)		

05 Metals**05 50 Metal Fabrications****05 55 Metal Stair Treads and Nosings**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST	
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.....	29.35		4.07	
	For 3/8" Thick, Add	5.71			
05 55 16 00-0003	LF 4" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Nosing.....	36.48		4.07	
	For 3/8" Thick, Add	7.49			
05 55 16 00-0004	LF 6" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Nosing.....	52.37		4.07	
	For 3/8" Thick, Add	11.47			
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.....	34.56		4.07	
	For 3/8" Thick, Add	7.01			
05 55 16 00-0007	LF 4" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Iron Nosing.....	43.33		4.07	
	For 3/8" Thick, Add	9.21			
05 55 16 00-0008	LF 6" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Iron Nosing.....	60.68		4.07	
	For 3/8" Thick, Add	13.54			
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.....	24.52		4.07	
05 55 16 00-0011	LF 3" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing.....	27.96		4.07	
05 55 16 00-0012	LF 4" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing.....	30.58		4.07	
05 55 16 00-0013	LF 6" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing.....	38.74		4.07	
05 55 16 00-0014	LF 1-7/8" Depth, 1/4" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing.....	25.45		4.07	
05 55 16 00-0015	LF 3" Depth, 1/4" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing.....	28.38		4.07	
05 55 16 00-0016	LF 4" Depth, 1/4" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing.....	31.28		4.07	
05 55 16 00-0017	LF 3" Depth, 1/4" Thick, 1-3/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing.....	29.52		4.07	
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.....	6.12		0.52	
05 56 00 00-0003	LB >150 LB, Miscellaneous Castings, Heavy Section.....	10.69		0.42	
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.....	112.23		5.93	
05 58 16 00-0003	SF Galvanized Steel Drip Pan.....	110.84		5.93	
05 58 16 00-0004	SF Aluminum Drip Pan.....	77.62		4.74	
05 58 16 00-0005	SF Plastic Drip Pan.....	19.20		4.15	
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.....	204.67		19.53	
05 58 23 00-0005	EA 2' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail.....	241.59		19.53	
05 58 23 00-0006	EA 3' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail.....	276.42		19.53	
05 58 23 00-0007	EA 4' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail.....	313.34		19.53	
05 58 23 00-0008	EA 5' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail.....	348.36		19.53	
05 58 23 00-0009	EA 6' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail.....	393.76		19.53	
05 58 23 00-0010	EA 7' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail.....	424.69		19.53	
05 58 23 00-0011	EA 8' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail.....	472.59		19.53	
05 58 23 00-0012	EA 9' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail.....	504.02		19.53	
05 58 23 00-0013	EA 10' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail.....	526.47		19.53	
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.....	408.66		40.69	
05 58 23 00-0016	EA 42" Height, Triple Rail Post For 2-Rib Guard Rails.....	536.88		40.69	
05 58 23 00-0017	3-Rib, 11 Gauge Steel, Protective Guard Rails (05 58 23 00-0001) Note: Steel King Steel Guard.				



Metals		05
Metal Fabrications		05 50
Formed Metal Fabrications		05 58

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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	226.92	19.53
05 58 23 00-0020 EA 2' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	251.47	19.53
05 58 23 00-0021 EA 3' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	282.10	19.53
05 58 23 00-0022 EA 4' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	310.74	19.53
05 58 23 00-0023 EA 5' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	343.87	19.53
05 58 23 00-0024 EA 6' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	359.83	19.53
05 58 23 00-0025 EA 7' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	398.25	19.53
05 58 23 00-0026 EA 8' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	430.68	19.53
05 58 23 00-0027 EA 9' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	465.10	19.53
05 58 23 00-0028 EA 10' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	500.03	19.53
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	337.38	19.53
05 58 23 00-0031 EA 2' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	364.32	19.53
05 58 23 00-0032 EA 3' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	392.26	19.53
05 58 23 00-0033 EA 4' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	424.69	19.53
05 58 23 00-0034 EA 5' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	457.12	19.53
05 58 23 00-0035 EA 6' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	483.56	19.53
05 58 23 00-0036 EA 7' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	514.00	19.53
05 58 23 00-0037 EA 8' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	548.42	19.53
05 58 23 00-0038 EA 9' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	585.34	19.53
05 58 23 00-0039 EA 10' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	617.77	19.53
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	357.58	40.69
05 58 23 00-0042 EA 42" Height, Double Rail Post For 3-Rib Guard Rails	461.55	40.69
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	466.22	54.25
05 58 23 00-0046 EA 48" Length, 9" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	491.16	54.25
05 58 23 00-0047 EA 36" Length, 16" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	505.63	54.25
05 58 23 00-0048 EA 48" Length, 16" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	527.08	54.25
05 58 23 00-0049 EA 36" Length, 24" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	522.09	54.25
05 58 23 00-0050 EA 48" Length, 24" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	548.54	54.25
05 58 23 00-0051 EA 36" Length, 36" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	556.02	54.25
05 58 23 00-0052 EA 48" Length, 36" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	564.50	54.25
05 58 23 00-0053 EA 48" Length, 42" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard	604.91	54.25
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	620.88	54.25
05 58 23 00-0056 EA 30" Length, 24" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard	650.81	54.25
05 58 23 00-0057 EA 24" Length, 36" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard	663.29	54.25
05 58 23 00-0058 EA 30" Length, 36" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard	724.65	54.25
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	301.57	40.69
05 58 23 00-0061 EA 36" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	350.86	40.69
05 58 23 00-0062 EA 42" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	403.05	40.69
05 58 23 00-0063 EA 36" Height, 5-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	417.32	40.69
05 58 23 00-0064 EA 42" Height, 5-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard	450.25	40.69
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	7.00	1.02
For Plastic Dipped, Add	0.74	
05 59 65 00-0003 LF 1/4" Diameter Alloy Steel Chain, Cut Length, Self Colored	8.01	1.35
For Plastic Dipped, Add	0.80	
05 59 65 00-0004 LF 3/8" Diameter Alloy Steel Chain, Cut Length, Self Colored	12.55	2.71
For Plastic Dipped, Add	1.07	
05 59 65 00-0005 LF 1/2" Diameter Alloy Steel Chain, Cut Length, Self Colored	20.11	4.57
For Plastic Dipped, Add	1.64	
05 59 65 00-0006 LF 5/8" Diameter Alloy Steel Chain, Cut Length, Self Colored	33.94	7.72
For Plastic Dipped, Add	2.78	

05	05	Metals
	05 50	Metal Fabrications
	05 59	Metal Specialties



MINOR				TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION				UNIT COST	UNIT COST
05 59 65 00-0007	LF	3/4" Diameter Alloy Steel Chain, Cut Length, Self Colored.....	47.64	10.83	
		For Plastic Dipped, Add	3.90		
05 59 65 00-0008	LF	7/8" Diameter Alloy Steel Chain, Cut Length, Self Colored.....	65.16	13.54	
		For Plastic Dipped, Add	5.71		
05 59 65 00-0009	LF	1" Diameter Alloy Steel Chain, Cut Length, Self Colored.....	94.49	18.05	
		For Plastic Dipped, Add	8.76		
05 59 65 00-0010	LF	1-1/4" Diameter Alloy Steel Chain, Cut Length, Self Colored.....	154.06	27.09	
		For Plastic Dipped, Add	14.98		
05 59 65 00-0011 316L Stainless Steel Chain, Cut Length (05 59 65)					
05 59 65 00-0012	CLF	1/8" Diameter 316L Stainless Steel Chain, Cut Length.....	2,679.80	90.25	
05 59 65 00-0013	CLF	3/16" Diameter 316L Stainless Steel Chain, Cut Length.....	3,298.00	108.34	
05 59 65 00-0014	CLF	9/32" Diameter 316L Stainless Steel Chain, Cut Length.....	4,134.18	135.43	
05 59 65 00-0015	CLF	5/16" Diameter 316L Stainless Steel Chain, Cut Length.....	5,585.34	180.62	
05 59 65 00-0016	CLF	3/8" Diameter 316L Stainless Steel Chain, Cut Length.....	6,346.38	270.87	
05 59 65 00-0017	CLF	1/2" Diameter 316L Stainless Steel Chain, Cut Length.....	9,572.78	451.49	
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	9.78	2.89	
		For Up To 2, Add	2.73		
		For >2 To 6, Add	1.56		
		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	14.21		
		For 316 Stainless Steel, Add	16.28		
05 59 69 00-0005	SF	0.135" Thick Wire, 2" Spacing, 0.55 LB/SF Woven And Welded Wire Cloth Panels	10.52	3.01	
		For Up To 2, Add	2.91		
		For >2 To 6, Add	1.66		
		For >15 To 40, Deduct	-0.33		
		For >40, Deduct	-0.98		
		For Galvanized, Add	2.86		
		For Aluminum, Add	3.90		
		For 304 Stainless Steel, Add	15.60		
		For 316 Stainless Steel, Add	17.88		
05 59 69 00-0006	SF	0.148" Thick Wire, 2" Spacing, 0.65 LB/SF Woven And Welded Wire Cloth Panels	11.18	3.34	
		For Up To 2, Add	3.13		
		For >2 To 6, Add	1.79		
		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 00-0007	SF	0.162" Thick Wire, 2" Spacing, 0.78 LB/SF Woven And Welded Wire Cloth Panels	11.78	3.48	
		For Up To 2, Add	3.28		
		For >2 To 6, Add	1.87		
		For >15 To 40, Deduct	-0.36		
		For >40, Deduct	-1.07		
		For Galvanized, Add	3.15		
		For Aluminum, Add	4.29		
		For 304 Stainless Steel, Add	17.16		
		For 316 Stainless Steel, Add	19.66		
05 59 69 00-0008	SF	0.177" Thick Wire, 2" Spacing, 0.92 LB/SF Woven And Welded Wire Cloth Panels	12.88	3.90	
		For Up To 2, Add	3.62		
		For >2 To 6, Add	2.07		
		For >15 To 40, Deduct	-0.38		
		For >40, Deduct	-1.15		
		For Galvanized, Add	3.38		
		For Aluminum, Add	4.61		
		For 304 Stainless Steel, Add	18.43		
		For 316 Stainless Steel, Add	21.12		
05 59 69 00-0009	SF	0.192" Thick Wire, 2" Spacing, 1.08 LB/SF Woven And Welded Wire Cloth Panels	14.81	4.34	
		For Up To 2, Add	4.12		
		For >2 To 6, Add	2.35		
		For >15 To 40, Deduct	-0.45		
		For >40, Deduct	-1.35		
		For Galvanized, Add	3.97		
		For Aluminum, Add	5.41		
		For 304 Stainless Steel, Add	21.65		
		For 316 Stainless Steel, Add	24.81		



		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 00-0010	SF		0.207" Thick Wire, 2" Spacing, 1.25 LB/SF Woven And Welded Wire Cloth Panels	16.81	4.78
			For Up To 2, Add	4.64	
			For >2 To 6, Add	2.64	
			For >15 To 40, Deduct	-0.52	
			For >40, Deduct	-1.57	
			For Galvanized, Add	4.59	
			For Aluminum, Add	6.26	
			For 304 Stainless Steel, Add	25.06	
			For 316 Stainless Steel, Add	28.71	
05 59 69 00-0011	SF		0.225" Thick Wire, 2" Spacing, 1.46 LB/SF Woven And Welded Wire Cloth Panels	19.26	5.31
			For Up To 2, Add	5.27	
			For >2 To 6, Add	2.99	
			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 00-0012			1-3/4" Square Wire Spacing (05 59 69 00-0002)		
05 59 69 00-0013	SF		0.12" Thick Wire, 1-3/4" Spacing, 0.49 LB/SF Woven And Welded Wire Cloth Panels	10.25	3.06
			For Up To 2, Add	2.87	
			For >2 To 6, Add	1.64	
			For >15 To 40, Deduct	-0.31	
			For >40, Deduct	-0.93	
			For Galvanized, Add	2.71	
			For Aluminum, Add	3.70	
			For 304 Stainless Steel, Add	14.81	
			For 316 Stainless Steel, Add	16.97	
05 59 69 00-0014	SF		0.135" Thick Wire, 1-3/4" Spacing, 0.62 LB/SF Woven And Welded Wire Cloth Panels	11.29	3.22
			For Up To 2, Add	3.12	
			For >2 To 6, Add	1.78	
			For >15 To 40, Deduct	-0.35	
			For >40, Deduct	-1.05	
			For Galvanized, Add	3.07	
			For Aluminum, Add	4.19	
			For 304 Stainless Steel, Add	16.75	
			For 316 Stainless Steel, Add	19.20	
05 59 69 00-0015	SF		0.148" Thick Wire, 1-3/4" Spacing, 0.74 LB/SF Woven And Welded Wire Cloth Panels	12.13	3.62
			For Up To 2, Add	3.39	
			For >2 To 6, Add	1.94	
			For >15 To 40, Deduct	-0.36	
			For >40, Deduct	-1.09	
			For Galvanized, Add	3.21	
			For Aluminum, Add	4.37	
			For 304 Stainless Steel, Add	17.50	
			For 316 Stainless Steel, Add	20.05	
05 59 69 00-0016	SF		0.162" Thick Wire, 1-3/4" Spacing, 0.88 LB/SF Woven And Welded Wire Cloth Panels	12.68	3.74
			For Up To 2, Add	3.53	
			For >2 To 6, Add	2.02	
			For >15 To 40, Deduct	-0.38	
			For >40, Deduct	-1.15	
			For Galvanized, Add	3.38	
			For Aluminum, Add	4.61	
			For 304 Stainless Steel, Add	18.46	
			For 316 Stainless Steel, Add	21.15	
05 59 69 00-0017	SF		0.177" Thick Wire, 1-3/4" Spacing, 1.04 LB/SF Woven And Welded Wire Cloth Panels	13.86	4.19
			For Up To 2, Add	3.89	
			For >2 To 6, Add	2.22	
			For >15 To 40, Deduct	-0.41	
			For >40, Deduct	-1.24	
			For Galvanized, Add	3.64	
			For Aluminum, Add	4.96	
			For 304 Stainless Steel, Add	19.85	
			For 316 Stainless Steel, Add	22.74	
05 59 69 00-0018	SF		0.192" Thick Wire, 1-3/4" Spacing, 1.22 LB/SF Woven And Welded Wire Cloth Panels	15.94	4.69
			For Up To 2, Add	4.44	
			For >2 To 6, Add	2.53	
			For >15 To 40, Deduct	-0.49	
			For >40, Deduct	-1.46	
			For Galvanized, Add	4.27	
			For Aluminum, Add	5.82	
			For 304 Stainless Steel, Add	23.28	
			For 316 Stainless Steel, Add	26.68	
05 59 69 00-0019	SF		0.207" Thick Wire, 1-3/4" Spacing, 1.41 LB/SF Woven And Welded Wire Cloth Panels	18.07	5.14
			For Up To 2, Add	4.98	
			For >2 To 6, Add	2.83	
			For >15 To 40, Deduct	-0.56	
			For >40, Deduct	-1.68	
			For Galvanized, Add	4.94	
			For Aluminum, Add	6.73	
			For 304 Stainless Steel, Add	26.93	
			For 316 Stainless Steel, Add	30.86	

05 Metals**05 50 Metal Fabrications****05 59 Metal Specialties**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0020	SF		0.225" Thick Wire, 1-3/4" Spacing, 1.65 LB/SF Woven And Welded Wire Cloth Panels	20.74	5.71
			For Up To 2, Add	5.67	
			For >2 To 6, Add	3.22	
			For >15 To 40, Deduct	-0.66	
			For >40, Deduct	-1.97	
			For Galvanized, Add	5.77	
			For Aluminum, Add	7.87	
			For 304 Stainless Steel, Add	31.49	
			For 316 Stainless Steel, Add	36.08	
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	11.36	3.41
			For Up To 2, Add	3.18	
			For >2 To 6, Add	1.82	
			For >15 To 40, Deduct	-0.34	
			For >40, Deduct	-1.02	
			For Galvanized, Add	3.01	
			For Aluminum, Add	4.10	
			For 304 Stainless Steel, Add	16.39	
			For 316 Stainless Steel, Add	18.78	
05 59 69 00-0023	SF		0.135" Thick Wire, 1-1/2" Spacing, 0.72 LB/SF Woven And Welded Wire Cloth Panels	12.49	3.58
			For Up To 2, Add	3.45	
			For >2 To 6, Add	1.96	
			For >15 To 40, Deduct	-0.39	
			For >40, Deduct	-1.16	
			For Galvanized, Add	3.40	
			For Aluminum, Add	4.63	
			For 304 Stainless Steel, Add	18.53	
			For 316 Stainless Steel, Add	21.23	
05 59 69 00-0024	SF		0.148" Thick Wire, 1-1/2" Spacing, 0.85 LB/SF Woven And Welded Wire Cloth Panels	13.27	3.97
			For Up To 2, Add	3.71	
			For >2 To 6, Add	2.12	
			For >15 To 40, Deduct	-0.40	
			For >40, Deduct	-1.20	
			For Galvanized, Add	3.51	
			For Aluminum, Add	4.79	
			For 304 Stainless Steel, Add	19.15	
			For 316 Stainless Steel, Add	21.95	
05 59 69 00-0025	SF		0.162" Thick Wire, 1-1/2" Spacing, 1.02 LB/SF Woven And Welded Wire Cloth Panels	13.99	4.13
			For Up To 2, Add	3.90	
			For >2 To 6, Add	2.22	
			For >15 To 40, Deduct	-0.42	
			For >40, Deduct	-1.27	
			For Galvanized, Add	3.74	
			For Aluminum, Add	5.09	
			For 304 Stainless Steel, Add	20.38	
			For 316 Stainless Steel, Add	23.35	
05 59 69 00-0026	SF		0.177" Thick Wire, 1-1/2" Spacing, 1.2 LB/SF Woven And Welded Wire Cloth Panels	15.25	4.61
			For Up To 2, Add	4.28	
			For >2 To 6, Add	2.45	
			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 00-0027	SF		0.192" Thick Wire, 1-1/2" Spacing, 1.4 LB/SF Woven And Welded Wire Cloth Panels	17.42	5.12
			For Up To 2, Add	4.85	
			For >2 To 6, Add	2.76	
			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 00-0028	SF		0.207" Thick Wire, 1-1/2" Spacing, 1.62 LB/SF Woven And Welded Wire Cloth Panels	19.76	5.62
			For Up To 2, Add	5.45	
			For >2 To 6, Add	3.10	
			For >15 To 40, Deduct	-0.61	
			For >40, Deduct	-1.84	
			For Galvanized, Add	5.40	
			For Aluminum, Add	7.36	
			For 304 Stainless Steel, Add	29.45	
			For 316 Stainless Steel, Add	33.74	
05 59 69 00-0029	SF		0.225" Thick Wire, 1-1/2" Spacing, 1.89 LB/SF Woven And Welded Wire Cloth Panels	22.62	6.23
			For Up To 2, Add	6.18	
			For >2 To 6, Add	3.51	
			For >15 To 40, Deduct	-0.72	
			For >40, Deduct	-2.15	
			For Galvanized, Add	6.30	
			For Aluminum, Add	8.59	
			For 304 Stainless Steel, Add	34.37	
			For 316 Stainless Steel, Add	39.38	



		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 00-0030			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	11.60	3.68
			For Up To 2, Add	3.30	
			For >2 To 6, Add	1.90	
			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	16.06	
			For 316 Stainless Steel, Add	18.40	
05 59 69 00-0032	SF		0.12" Thick Wire, 1-1/4" Spacing, 0.68 LB/SF Woven And Welded Wire Cloth Panels	12.56	3.86
			For Up To 2, Add	3.54	
			For >2 To 6, Add	2.03	
			For >15 To 40, Deduct	-0.37	
			For >40, Deduct	-1.11	
			For Galvanized, Add	3.26	
			For Aluminum, Add	4.45	
			For 304 Stainless Steel, Add	17.78	
			For 316 Stainless Steel, Add	20.38	
05 59 69 00-0033	SF		0.135" Thick Wire, 1-1/4" Spacing, 0.85 LB/SF Woven And Welded Wire Cloth Panels	13.65	4.02
			For Up To 2, Add	3.80	
			For >2 To 6, Add	2.17	
			For >15 To 40, Deduct	-0.41	
			For >40, Deduct	-1.24	
			For Galvanized, Add	3.65	
			For Aluminum, Add	4.97	
			For 304 Stainless Steel, Add	19.90	
			For 316 Stainless Steel, Add	22.80	
05 59 69 00-0034	SF		0.148" Thick Wire, 1-1/4" Spacing, 1.01 LB/SF Woven And Welded Wire Cloth Panels	14.08	4.10
			For Up To 2, Add	3.91	
			For >2 To 6, Add	2.23	
			For >15 To 40, Deduct	-0.43	
			For >40, Deduct	-1.29	
			For Galvanized, Add	3.79	
			For Aluminum, Add	5.17	
			For 304 Stainless Steel, Add	20.69	
			For 316 Stainless Steel, Add	23.71	
05 59 69 00-0035	SF		0.162" Thick Wire, 1-1/4" Spacing, 1.2 LB/SF Woven And Welded Wire Cloth Panels	15.25	4.62
			For Up To 2, Add	4.28	
			For >2 To 6, Add	2.45	
			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	21.79	
			For 316 Stainless Steel, Add	24.97	
05 59 69 00-0036	SF		0.177" Thick Wire, 1-1/4" Spacing, 1.42 LB/SF Woven And Welded Wire Cloth Panels	17.17	5.20
			For Up To 2, Add	4.82	
			For >2 To 6, Add	2.76	
			For >15 To 40, Deduct	-0.51	
			For >40, Deduct	-1.54	
			For Galvanized, Add	4.51	
			For Aluminum, Add	6.14	
			For 304 Stainless Steel, Add	24.58	
			For 316 Stainless Steel, Add	28.16	
05 59 69 00-0037	SF		0.192" Thick Wire, 1-1/4" Spacing, 1.65 LB/SF Woven And Welded Wire Cloth Panels	19.55	5.74
			For Up To 2, Add	5.44	
			For >2 To 6, Add	3.10	
			For >15 To 40, Deduct	-0.60	
			For >40, Deduct	-1.79	
			For Galvanized, Add	5.24	
			For Aluminum, Add	7.14	
			For 304 Stainless Steel, Add	28.56	
			For 316 Stainless Steel, Add	32.73	
05 59 69 00-0038	SF		0.207" Thick Wire, 1-1/4" Spacing, 1.9 LB/SF Woven And Welded Wire Cloth Panels	22.07	6.28
			For Up To 2, Add	6.09	
			For >2 To 6, Add	3.46	
			For >15 To 40, Deduct	-0.69	
			For >40, Deduct	-2.06	
			For Galvanized, Add	6.03	
			For Aluminum, Add	8.23	
			For 304 Stainless Steel, Add	32.90	
			For 316 Stainless Steel, Add	37.70	
05 59 69 00-0039	SF		0.225" Thick Wire, 1-1/4" Spacing, 2.22 LB/SF Woven And Welded Wire Cloth Panels	25.31	6.97
			For Up To 2, Add	6.92	
			For >2 To 6, Add	3.92	
			For >15 To 40, Deduct	-0.80	
			For >40, Deduct	-2.40	
			For Galvanized, Add	7.05	
			For Aluminum, Add	9.61	
			For 304 Stainless Steel, Add	38.45	
			For 316 Stainless Steel, Add	44.06	

05 59 69 00-0040 1" Square Wire Spacing (05 59 69 00-0002)

05 Metals**05 50 Metal Fabrications****05 59 Metal Specialties**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0041	SF		0.105" Thick Wire, 1" Spacing, 0.64 LB/SF Woven And Welded Wire Cloth Panels	13.23	4.31
			For Up To 2, Add	3.79	
			For >2 To 6, Add	2.18	
			For >15 To 40, Deduct	-0.37	
			For >40, Deduct	-1.12	
			For Galvanized, Add	3.30	
			For Aluminum, Add	4.49	
			For 304 Stainless Steel, Add	17.98	
			For 316 Stainless Steel, Add	20.60	
05 59 69 00-0042	SF		0.12" Thick Wire, 1" Spacing, 0.83 LB/SF Woven And Welded Wire Cloth Panels	14.20	4.48
			For Up To 2, Add	4.04	
			For >2 To 6, Add	2.32	
			For >15 To 40, Deduct	-0.41	
			For >40, Deduct	-1.23	
			For Galvanized, Add	3.62	
			For Aluminum, Add	4.93	
			For 304 Stainless Steel, Add	19.73	
			For 316 Stainless Steel, Add	22.61	
05 59 69 00-0043	SF		0.135" Thick Wire, 1" Spacing, 1.04 LB/SF Woven And Welded Wire Cloth Panels	14.80	4.69
			For Up To 2, Add	4.21	
			For >2 To 6, Add	2.42	
			For >15 To 40, Deduct	-0.43	
			For >40, Deduct	-1.28	
			For Galvanized, Add	3.76	
			For Aluminum, Add	5.12	
			For 304 Stainless Steel, Add	20.50	
			For 316 Stainless Steel, Add	23.49	
05 59 69 00-0044	SF		0.148" Thick Wire, 1" Spacing, 1.23 LB/SF Woven And Welded Wire Cloth Panels	15.88	4.75
			For Up To 2, Add	4.44	
			For >2 To 6, Add	2.54	
			For >15 To 40, Deduct	-0.48	
			For >40, Deduct	-1.43	
			For Galvanized, Add	4.20	
			For Aluminum, Add	5.72	
			For 304 Stainless Steel, Add	22.90	
			For 316 Stainless Steel, Add	26.24	
05 59 69 00-0045	SF		0.162" Thick Wire, 1" Spacing, 1.46 LB/SF Woven And Welded Wire Cloth Panels	17.66	5.35
			For Up To 2, Add	4.96	
			For >2 To 6, Add	2.84	
			For >15 To 40, Deduct	-0.53	
			For >40, Deduct	-1.58	
			For Galvanized, Add	4.63	
			For Aluminum, Add	6.31	
			For 304 Stainless Steel, Add	25.25	
			For 316 Stainless Steel, Add	28.93	
05 59 69 00-0046	SF		0.177" Thick Wire, 1" Spacing, 1.72 LB/SF Woven And Welded Wire Cloth Panels	19.82	6.00
			For Up To 2, Add	5.56	
			For >2 To 6, Add	3.18	
			For >15 To 40, Deduct	-0.59	
			For >40, Deduct	-1.77	
			For Galvanized, Add	5.20	
			For Aluminum, Add	7.09	
			For 304 Stainless Steel, Add	28.37	
			For 316 Stainless Steel, Add	32.51	
05 59 69 00-0047	SF		0.192" Thick Wire, 1" Spacing, 2.01 LB/SF Woven And Welded Wire Cloth Panels	22.69	6.65
			For Up To 2, Add	6.31	
			For >2 To 6, Add	3.60	
			For >15 To 40, Deduct	-0.69	
			For >40, Deduct	-2.07	
			For Galvanized, Add	6.08	
			For Aluminum, Add	8.29	
			For 304 Stainless Steel, Add	33.14	
			For 316 Stainless Steel, Add	37.98	
05 59 69 00-0048	SF		0.207" Thick Wire, 1" Spacing, 2.31 LB/SF Woven And Welded Wire Cloth Panels	25.55	7.27
			For Up To 2, Add	7.05	
			For >2 To 6, Add	4.01	
			For >15 To 40, Deduct	-0.79	
			For >40, Deduct	-2.38	
			For Galvanized, Add	6.98	
			For Aluminum, Add	9.52	
			For 304 Stainless Steel, Add	38.09	
			For 316 Stainless Steel, Add	43.64	
05 59 69 00-0049	SF		0.225" Thick Wire, 1" Spacing, 2.69 LB/SF Woven And Welded Wire Cloth Panels	29.20	8.04
			For Up To 2, Add	7.98	
			For >2 To 6, Add	4.53	
			For >15 To 40, Deduct	-0.92	
			For >40, Deduct	-2.77	
			For Galvanized, Add	8.13	
			For Aluminum, Add	11.09	
			For 304 Stainless Steel, Add	44.35	
			For 316 Stainless Steel, Add	50.82	

05 59 69 00-0050 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 00-0051	SF		0.105" Thick Wire, 3/4" Spacing, 0.83 LB/SF Woven And Welded Wire Cloth Panels	13.40	4.30
			For Up To 2, Add	3.83	
			For >2 To 6, Add	2.20	
			For >15 To 40, Deduct	-0.38	
			For >40, Deduct	-1.15	
			For Galvanized, Add	3.37	
			For Aluminum, Add	4.60	
			For 304 Stainless Steel, Add	18.41	
			For 316 Stainless Steel, Add	21.09	
05 59 69 00-0052	SF		0.12" Thick Wire, 3/4" Spacing, 1.07 LB/SF Woven And Welded Wire Cloth Panels	14.97	4.83
			For Up To 2, Add	4.28	
			For >2 To 6, Add	2.46	
			For >15 To 40, Deduct	-0.43	
			For >40, Deduct	-1.28	
			For Galvanized, Add	3.76	
			For Aluminum, Add	5.12	
			For 304 Stainless Steel, Add	20.50	
			For 316 Stainless Steel, Add	23.49	
05 59 69 00-0053	SF		0.135" Thick Wire, 3/4" Spacing, 1.33 LB/SF Woven And Welded Wire Cloth Panels	16.55	5.45
			For Up To 2, Add	4.76	
			For >2 To 6, Add	2.74	
			For >15 To 40, Deduct	-0.46	
			For >40, Deduct	-1.39	
			For Galvanized, Add	4.09	
			For Aluminum, Add	5.57	
			For 304 Stainless Steel, Add	22.30	
			For 316 Stainless Steel, Add	25.55	
05 59 69 00-0054	SF		0.148" Thick Wire, 3/4" Spacing, 1.58 LB/SF Woven And Welded Wire Cloth Panels	17.91	5.80
			For Up To 2, Add	5.13	
			For >2 To 6, Add	2.95	
			For >15 To 40, Deduct	-0.51	
			For >40, Deduct	-1.52	
			For Galvanized, Add	4.47	
			For Aluminum, Add	6.10	
			For 304 Stainless Steel, Add	24.38	
			For 316 Stainless Steel, Add	27.94	
05 59 69 00-0055	SF		0.162" Thick Wire, 3/4" Spacing, 1.87 LB/SF Woven And Welded Wire Cloth Panels	20.74	6.53
			For Up To 2, Add	5.89	
			For >2 To 6, Add	3.38	
			For >15 To 40, Deduct	-0.60	
			For >40, Deduct	-1.80	
			For Galvanized, Add	5.29	
			For Aluminum, Add	7.21	
			For 304 Stainless Steel, Add	28.85	
			For 316 Stainless Steel, Add	33.06	
05 59 69 00-0056	SF		0.177" Thick Wire, 3/4" Spacing, 2.2 LB/SF Woven And Welded Wire Cloth Panels	23.88	7.31
			For Up To 2, Add	6.72	
			For >2 To 6, Add	3.85	
			For >15 To 40, Deduct	-0.71	
			For >40, Deduct	-2.12	
			For Galvanized, Add	6.22	
			For Aluminum, Add	8.48	
			For 304 Stainless Steel, Add	33.94	
			For 316 Stainless Steel, Add	38.89	
05 59 69 00-0057	SF		0.192" Thick Wire, 3/4" Spacing, 2.56 LB/SF Woven And Welded Wire Cloth Panels	27.22	8.07
			For Up To 2, Add	7.60	
			For >2 To 6, Add	4.34	
			For >15 To 40, Deduct	-0.82	
			For >40, Deduct	-2.47	
			For Galvanized, Add	7.24	
			For Aluminum, Add	9.87	
			For 304 Stainless Steel, Add	39.48	
			For 316 Stainless Steel, Add	45.24	
05 59 69 00-0058	SF		0.207" Thick Wire, 3/4" Spacing, 2.93 LB/SF Woven And Welded Wire Cloth Panels	30.53	8.78
			For Up To 2, Add	8.45	
			For >2 To 6, Add	4.81	
			For >15 To 40, Deduct	-0.94	
			For >40, Deduct	-2.82	
			For Galvanized, Add	8.29	
			For Aluminum, Add	11.30	
			For 304 Stainless Steel, Add	45.19	
			For 316 Stainless Steel, Add	51.78	
05 59 69 00-0059	SF		0.225" Thick Wire, 3/4" Spacing, 3.41 LB/SF Woven And Welded Wire Cloth Panels	34.86	9.71
			For Up To 2, Add	9.56	
			For >2 To 6, Add	5.43	
			For >15 To 40, Deduct	-1.10	
			For >40, Deduct	-3.29	
			For Galvanized, Add	9.64	
			For Aluminum, Add	13.15	
			For 304 Stainless Steel, Add	52.61	
			For 316 Stainless Steel, Add	60.28	
05 59 69 00-0060			1/2" Square Wire Spacing (05 59 69 00-0002)		

05 Metals**05 50 Metal Fabrications****05 59 Metal Specialties**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0061	SF		0.105" Thick Wire, 1/2" Spacing, 1.18 LB/SF Woven And Welded Wire Cloth Panels	13.99	4.60
			For Up To 2, Add	4.03	
			For >2 To 6, Add	2.32	
			For >15 To 40, Deduct	-0.39	
			For >40, Deduct	-1.18	
			For Galvanized, Add	3.45	
			For Aluminum, Add	4.71	
			For 304 Stainless Steel, Add	18.84	
			For 316 Stainless Steel, Add	21.59	
05 59 69 00-0062	SF		0.12" Thick Wire, 1/2" Spacing, 1.51 LB/SF Woven And Welded Wire Cloth Panels	16.34	5.59
			For Up To 2, Add	4.76	
			For >2 To 6, Add	2.75	
			For >15 To 40, Deduct	-0.44	
			For >40, Deduct	-1.33	
			For Galvanized, Add	3.90	
			For Aluminum, Add	5.32	
			For 304 Stainless Steel, Add	21.29	
			For 316 Stainless Steel, Add	24.39	
05 59 69 00-0063	SF		0.135" Thick Wire, 1/2" Spacing, 1.88 LB/SF Woven And Welded Wire Cloth Panels	19.76	6.62
			For Up To 2, Add	5.72	
			For >2 To 6, Add	3.30	
			For >15 To 40, Deduct	-0.55	
			For >40, Deduct	-1.64	
			For Galvanized, Add	4.81	
			For Aluminum, Add	6.56	
			For 304 Stainless Steel, Add	26.26	
			For 316 Stainless Steel, Add	30.09	
05 59 69 00-0064	SF		0.148" Thick Wire, 1/2" Spacing, 2.22 LB/SF Woven And Welded Wire Cloth Panels	22.82	7.43
			For Up To 2, Add	6.54	
			For >2 To 6, Add	3.77	
			For >15 To 40, Deduct	-0.65	
			For >40, Deduct	-1.94	
			For Galvanized, Add	5.68	
			For Aluminum, Add	7.75	
			For 304 Stainless Steel, Add	31.01	
			For 316 Stainless Steel, Add	35.53	
05 59 69 00-0065	SF		0.162" Thick Wire, 1/2" Spacing, 2.61 LB/SF Woven And Welded Wire Cloth Panels	26.24	8.29
			For Up To 2, Add	7.46	
			For >2 To 6, Add	4.28	
			For >15 To 40, Deduct	-0.76	
			For >40, Deduct	-2.28	
			For Galvanized, Add	6.68	
			For Aluminum, Add	9.11	
			For 304 Stainless Steel, Add	36.46	
			For 316 Stainless Steel, Add	41.77	
05 59 69 00-0066	SF		0.177" Thick Wire, 1/2" Spacing, 3.06 LB/SF Woven And Welded Wire Cloth Panels	30.12	9.23
			For Up To 2, Add	8.49	
			For >2 To 6, Add	4.86	
			For >15 To 40, Deduct	-0.89	
			For >40, Deduct	-2.67	
			For Galvanized, Add	7.83	
			For Aluminum, Add	10.68	
			For 304 Stainless Steel, Add	42.72	
			For 316 Stainless Steel, Add	48.95	
05 59 69 00-0067	SF		0.192" Thick Wire, 1/2" Spacing, 3.54 LB/SF Woven And Welded Wire Cloth Panels	34.13	10.16
			For Up To 2, Add	9.53	
			For >2 To 6, Add	5.44	
			For >15 To 40, Deduct	-1.03	
			For >40, Deduct	-3.09	
			For Galvanized, Add	9.06	
			For Aluminum, Add	12.36	
			For 304 Stainless Steel, Add	49.44	
			For 316 Stainless Steel, Add	56.65	
05 59 69 00-0068	SF		0.207" Thick Wire, 1/2" Spacing, 4.04 LB/SF Woven And Welded Wire Cloth Panels	38.17	11.01
			For Up To 2, Add	10.57	
			For >2 To 6, Add	6.02	
			For >15 To 40, Deduct	-1.18	
			For >40, Deduct	-3.53	
			For Galvanized, Add	10.34	
			For Aluminum, Add	14.10	
			For 304 Stainless Steel, Add	56.40	
			For 316 Stainless Steel, Add	64.63	
05 59 69 00-0069	SF		0.225" Thick Wire, 1/2" Spacing, 4.68 LB/SF Woven And Welded Wire Cloth Panels	39.64	12.11
			For Up To 2, Add	11.16	
			For >2 To 6, Add	6.39	
			For >15 To 40, Deduct	-1.18	
			For >40, Deduct	-3.53	
			For Galvanized, Add	10.34	
			For Aluminum, Add	14.10	
			For 304 Stainless Steel, Add	56.40	
			For 316 Stainless Steel, Add	64.63	

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.



		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 00-0071			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	11.02	3.97
			For Galvanized, Add	2.52	
			For Aluminum, Add	3.44	
			For 304 Stainless Steel, Add	13.75	
			For 316 Stainless Steel, Add	15.76	
05 59 69 00-0073	SF		1/4" #18-F Plain Expanded Metal Panel, 1.08 LB/SF	13.89	4.34
			For Galvanized, Add	3.66	
			For Aluminum, Add	4.66	
			For 304 Stainless Steel, Add	19.44	
			For 316 Stainless Steel, Add	22.28	
05 59 69 00-0074	SF		1/2" #20-F Plain Expanded Metal Panel, 0.40 LB/SF	7.93	3.06
			For Galvanized, Add	1.69	
			For Aluminum, Add	2.31	
			For 304 Stainless Steel, Add	9.24	
			For 316 Stainless Steel, Add	10.59	
05 59 69 00-0075	SF		1/2" #18-F Plain Expanded Metal Panel, 0.66 LB/SF	8.66	3.34
			For Galvanized, Add	1.85	
			For Aluminum, Add	2.53	
			For 304 Stainless Steel, Add	10.10	
			For 316 Stainless Steel, Add	11.58	
05 59 69 00-0076	SF		1/2" #16-F Plain Expanded Metal Panel, 0.82 LB/SF	9.79	3.97
			For Galvanized, Add	1.98	
			For Aluminum, Add	2.70	
			For 304 Stainless Steel, Add	10.80	
			For 316 Stainless Steel, Add	12.38	
05 59 69 00-0077	SF		1/2" #13-F Plain Expanded Metal Panel, 1.4 LB/SF	12.52	5.12
			For Galvanized, Add	2.51	
			For Aluminum, Add	3.43	
			For 304 Stainless Steel, Add	13.70	
			For 316 Stainless Steel, Add	15.70	
05 59 69 00-0078	SF		3/4" #16-F Plain Expanded Metal Panel, 0.51 LB/SF	6.89	3.01
			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 00-0079	SF		3/4" #14-F Plain Expanded Metal Panel, 0.63 LB/SF	7.73	3.22
			For Galvanized, Add	1.50	
			For Aluminum, Add	2.05	
			For 304 Stainless Steel, Add	8.21	
			For 316 Stainless Steel, Add	9.41	
05 59 69 00-0080	SF		3/4" #13-F Plain Expanded Metal Panel, 0.75 LB/SF	8.84	3.62
			For Galvanized, Add	1.76	
			For Aluminum, Add	2.40	
			For 304 Stainless Steel, Add	9.60	
			For 316 Stainless Steel, Add	11.00	
05 59 69 00-0081	SF		3/4" #9-F Plain Expanded Metal Panel, 1.50 LB/SF	13.91	6.00
			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 00-0082	SF		1" #16-F Plain Expanded Metal Panel, 0.41 LB/SF	7.69	3.68
			For Galvanized, Add	1.22	
			For Aluminum, Add	1.67	
			For 304 Stainless Steel, Add	6.67	
			For 316 Stainless Steel, Add	7.65	
05 59 69 00-0083	SF		1-1/2" #16-F Plain Expanded Metal Panel, 0.38 LB/SF	6.66	2.89
			For Galvanized, Add	1.23	
			For Aluminum, Add	1.68	
			For 304 Stainless Steel, Add	6.72	
			For 316 Stainless Steel, Add	7.70	
05 59 69 00-0084	SF		1-1/2" #13-F Plain Expanded Metal Panel, 0.57 LB/SF	7.68	3.41
			For Galvanized, Add	1.39	
			For Aluminum, Add	1.89	
			For 304 Stainless Steel, Add	7.56	
			For 316 Stainless Steel, Add	8.66	
05 59 69 00-0085	SF		1-1/2" #9-F Plain Expanded Metal Panel, 1.14 LB/SF	11.95	4.60
			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 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	Metals
05 70	Decorative Metal
05 71	Decorative Metal Stairs



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 71 13 00-0003	VLF	3'-6" Diameter, Spiral Steel Stair With Rails	504.22	52.59
		<i>For Galvanized, Add</i>	279.31	
05 71 13 00-0004	VLF	4' Diameter, Spiral Steel Stair With Rails	575.06	57.86
		<i>For Galvanized, Add</i>	321.54	
05 71 13 00-0005	VLF	4'-6" Diameter, Spiral Steel Stair With Rails	636.61	63.11
		<i>For Galvanized, Add</i>	357.27	
05 71 13 00-0006	VLF	5' Diameter, Spiral Steel Stair With Rails	681.93	68.38
		<i>For Galvanized, Add</i>	381.63	

05 73 Decorative Metal Railings (05 73)

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 73 23 00-0002	LF	Steel Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	67.58	11.57
		<i>For Rake Or Angle Railings, Add</i>	9.78	
		<i>For Curved Railings, Add</i>	16.84	
		<i>For 4" On Center Standards, Add</i>	1.57	
		<i>For 4-1/2" On Center Standards, Add</i>	1.26	
		<i>For 5" On Center Standards, Add</i>	0.84	
		<i>For 5-1/2" On Center Standards, Add</i>	0.42	
		<i>For Each Field Bending Of Rails, Add</i>	14.16	
		<i>For Galvanized, Add</i>	2.93	
05 73 23 00-0003	LF	Aluminum Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	174.67	15.78
		<i>For Rake Or Angle Railings, Add</i>	18.84	
		<i>For Curved Railings, Add</i>	61.58	
		<i>For 4" On Center Standards, Add</i>	8.29	
		<i>For 4-1/2" On Center Standards, Add</i>	6.63	
		<i>For 5" On Center Standards, Add</i>	4.42	
		<i>For 5-1/2" On Center Standards, Add</i>	2.21	
		<i>For Each Field Bending Of Rails, Add</i>	18.53	
05 73 23 00-0004	LF	Bronze Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	252.76	26.30
		<i>For Rake Or Angle Railings, Add</i>	27.24	
		<i>For Curved Railings, Add</i>	89.17	
		<i>For 4" On Center Standards, Add</i>	12.01	
		<i>For 4-1/2" On Center Standards, Add</i>	9.61	
		<i>For 5" On Center Standards, Add</i>	6.41	
		<i>For 5-1/2" On Center Standards, Add</i>	3.20	
		<i>For Each Field Bending Of Rails, Add</i>	25.64	
05 73 23 00-0005	LF	Stainless Steel Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	291.51	21.04
		<i>For Rake Or Angle Railings, Add</i>	28.98	
		<i>For Curved Railings, Add</i>	109.67	
		<i>For 4" On Center Standards, Add</i>	15.46	
		<i>For 4-1/2" On Center Standards, Add</i>	12.36	
		<i>For 5" On Center Standards, Add</i>	8.24	
		<i>For 5-1/2" On Center Standards, Add</i>	4.12	
		<i>For Each Field Bending Of Rails, Add</i>	23.86	
05 73 23 00-0006	LF	Black Wrought Iron Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	326.38	32.09
		<i>For Rake Or Angle Railings, Add</i>	28.86	
		<i>For Curved Railings, Add</i>	132.86	
		<i>For 4" On Center Standards, Add</i>	19.67	
		<i>For 4-1/2" On Center Standards, Add</i>	15.73	
		<i>For 5" On Center Standards, Add</i>	10.49	
		<i>For 5-1/2" On Center Standards, Add</i>	5.24	
		<i>For Each Field Bending Of Rails, Add</i>	18.54	

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	172.33	5.26
		<i>For Rake Or Angle Railings, Add</i>	13.51	
		<i>For Curved Railings, Add</i>	75.01	
		<i>For 4" On Center Standards, Add</i>	11.52	
		<i>For 4-1/2" On Center Standards, Add</i>	9.22	
		<i>For 5" On Center Standards, Add</i>	6.15	
		<i>For 5-1/2" On Center Standards, Add</i>	3.07	
		<i>For Each Field Bending Of Rails, Add</i>	7.18	

05 73 23 00-0009 Plain Handrails (05 73 23)

05 73 23 00-0010	LF	2" Brass Handrail	58.47	11.62
05 73 23 00-0011	EA	90 Degree Angle For 2" Brass Handrail	117.82	41.64
05 73 23 00-0012	EA	End Cap For 2" Brass Handrail	52.88	20.87
05 73 23 00-0013	EA	Brass Bracket And Joint For 2" Brass Handrail	88.73	41.64
05 73 23 00-0014	LF	2" Stainless Steel Handrail	71.28	14.53

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 00-0382 for painting.

05 73 23 00-0016	LF	Refinish Metal Handrail	10.62	
05 73 23 00-0017	LF	Refinish Wrought Iron Balustrade	10.58	



		Metals	05	05
		Decorative Metal	05 70	
		Decorative Metal Railings	05 73	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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	96.77	
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	27.67	2.12
			For >16 To 200, Deduct	-1.54	
			For >200 To 500, Deduct	-3.09	
			For >500, Deduct	-4.47	
05 75 00 00-0004	SF		0.0215" (16 Ounce) Thick Copper Sheet, Installed On Walls	34.69	2.37
			For >16 To 200, Deduct	-1.91	
			For >200 To 500, Deduct	-3.82	
			For >500, Deduct	-5.56	
05 75 00 00-0005	SF		0.0242" (18 Ounce) Thick Copper Sheet, Installed On Walls	37.99	2.55
			For >16 To 200, Deduct	-2.09	
			For >200 To 500, Deduct	-4.18	
			For >500, Deduct	-6.08	
05 75 00 00-0006	SF		0.027" (20 Ounce) Thick Copper Sheet, Installed On Walls	41.07	2.68
			For >16 To 200, Deduct	-2.25	
			For >200 To 500, Deduct	-4.51	
			For >500, Deduct	-6.56	
05 75 00 00-0007	SF		0.0323" (24 Ounce) Thick Copper Sheet, Installed On Walls	46.96	2.80
			For >16 To 200, Deduct	-2.56	
			For >200 To 500, Deduct	-5.12	
			For >500, Deduct	-7.47	
05 75 00 00-0008	SF		0.0431" (32 Ounce) Thick Copper Sheet, Installed On Walls	59.79	2.94
			For >16 To 200, Deduct	-3.21	
			For >200 To 500, Deduct	-6.42	
			For >500, Deduct	-9.41	
05 75 00 00-0009	SF		0.052" (40 Ounce) Thick Copper Sheet, Installed On Walls	70.24	3.07
			For >16 To 200, Deduct	-3.74	
			For >200 To 500, Deduct	-7.48	
			For >500, Deduct	-11.00	
05 75 00 00-0010	SF		0.0646" (48 Ounce) Thick Copper Sheet, Installed On Walls	85.24	3.31
			For >16 To 200, Deduct	-4.51	
			For >200 To 500, Deduct	-9.02	
			For >500, Deduct	-13.28	
05 75 00 00-0011	SF		0.08" Thick Copper Sheet, Installed On Walls	104.96	3.57
			For >16 To 200, Deduct	-5.52	
			For >200 To 500, Deduct	-11.03	
			For >500, Deduct	-16.28	
05 75 00 00-0012	SF		0.125" Thick Copper Sheet, Installed On Walls	154.82	3.83
			For >16 To 200, Deduct	-8.03	
			For >200 To 500, Deduct	-16.06	
			For >500, Deduct	-23.80	
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	14.00	2.34
			For >16 To 200, Deduct	-0.88	
			For >200 To 500, Deduct	-1.75	
			For >500, Deduct	-2.45	
05 75 00 00-0015	SF		0.0312" Thick (22 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	15.82	2.53
			For >16 To 200, Deduct	-0.98	
			For >200 To 500, Deduct	-1.96	
			For >500, Deduct	-2.75	
05 75 00 00-0016	SF		0.0375" Thick (20 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	17.19	2.65
			For >16 To 200, Deduct	-1.06	
			For >200 To 500, Deduct	-2.12	
			For >500, Deduct	-2.98	
05 75 00 00-0017	SF		0.050" Thick (18 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	20.06	2.77
			For >16 To 200, Deduct	-1.21	
			For >200 To 500, Deduct	-2.42	
			For >500, Deduct	-3.43	
05 75 00 00-0018	SF		0.0625" Thick (16 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	22.85	2.90
			For >16 To 200, Deduct	-1.36	
			For >200 To 500, Deduct	-2.72	
			For >500, Deduct	-3.86	
05 75 00 00-0019	SF		0.078" Thick (14 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	26.35	3.03
			For >16 To 200, Deduct	-1.55	
			For >200 To 500, Deduct	-3.09	
			For >500, Deduct	-4.41	
05 75 00 00-0020	SF		0.125" Thick (11 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	37.72	3.54
			For >16 To 200, Deduct	-2.15	
			For >200 To 500, Deduct	-4.30	
			For >500, Deduct	-6.19	

05 Metals**05 70 Decorative Metal****05 75 Decorative Formed Metal**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 75 00 00-0021	SF		3/16" Thick (7 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	50.76	3.75
			For >16 To 200, Deduct	-2.82	
			For >200 To 500, Deduct	-5.64	
			For >500, Deduct	-8.18	
05 75 00 00-0022	SF		1/4" Thick (3 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	69.36	4.55
			For >16 To 200, Deduct	-3.81	
			For >200 To 500, Deduct	-7.62	
			For >500, Deduct	-11.09	
05 75 00 00-0023	SF		3/8" Thick 304 Brushed Stainless Steel Sheet, Installed On Walls	115.30	4.88
			For >16 To 200, Deduct	-6.13	
			For >200 To 500, Deduct	-12.26	
			For >500, Deduct	-18.03	
05 75 00 00-0024	SF		1/2" Thick 304 Brushed Stainless Steel Sheet, Installed On Walls	147.40	5.68
			For >16 To 200, Deduct	-7.80	
			For >200 To 500, Deduct	-15.59	
			For >500, Deduct	-22.96	
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	9.69	2.12
			For >16 To 200, Deduct	-0.64	
			For >200 To 500, Deduct	-1.29	
			For >500, Deduct	-1.77	
05 75 00 00-0027	SF		0.020" Thick (24 Gauge) Aluminum Sheet, Installed On Walls	10.98	2.37
			For >16 To 200, Deduct	-0.73	
			For >200 To 500, Deduct	-1.45	
			For >500, Deduct	-2.00	
05 75 00 00-0028	SF		0.025" Thick (22 Gauge) Aluminum Sheet, Installed On Walls	12.23	2.55
			For >16 To 200, Deduct	-0.80	
			For >200 To 500, Deduct	-1.61	
			For >500, Deduct	-2.22	
05 75 00 00-0029	SF		0.032" Thick (20 Gauge) Aluminum Sheet, Installed On Walls	13.52	2.68
			For >16 To 200, Deduct	-0.88	
			For >200 To 500, Deduct	-1.75	
			For >500, Deduct	-2.43	
05 75 00 00-0030	SF		0.040" Thick (18 Gauge) Aluminum Sheet, Installed On Walls	14.79	2.80
			For >16 To 200, Deduct	-0.95	
			For >200 To 500, Deduct	-1.90	
			For >500, Deduct	-2.64	
05 75 00 00-0031	SF		0.050" Thick (16 Gauge) Aluminum Sheet, Installed On Walls	16.19	2.94
			For >16 To 200, Deduct	-1.03	
			For >200 To 500, Deduct	-2.06	
			For >500, Deduct	-2.87	
05 75 00 00-0032	SF		0.064" Thick (14 Gauge) Aluminum Sheet, Installed On Walls	17.89	3.07
			For >16 To 200, Deduct	-1.12	
			For >200 To 500, Deduct	-2.25	
			For >500, Deduct	-3.14	
05 75 00 00-0033	SF		0.090" Thick (11 Gauge) Aluminum Sheet, Installed On Walls	21.27	3.57
			For >16 To 200, Deduct	-1.33	
			For >200 To 500, Deduct	-2.66	
			For >500, Deduct	-3.73	
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	9.06	2.12
			For >16 To 200, Deduct	-0.61	
			For >200 To 500, Deduct	-1.23	
			For >500, Deduct	-1.68	
05 75 00 00-0036	SF		0.0276" (24 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	10.05	2.37
			For >16 To 200, Deduct	-0.68	
			For >200 To 500, Deduct	-1.36	
			For >500, Deduct	-1.86	
05 75 00 00-0037	SF		0.0336" (22 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	10.69	2.55
			For >16 To 200, Deduct	-0.73	
			For >200 To 500, Deduct	-1.45	
			For >500, Deduct	-1.99	
05 75 00 00-0038	SF		0.0396" (20 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	11.35	2.68
			For >16 To 200, Deduct	-0.77	
			For >200 To 500, Deduct	-1.54	
			For >500, Deduct	-2.11	
05 75 00 00-0039	SF		0.0516" (18 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	12.21	2.80
			For >16 To 200, Deduct	-0.82	
			For >200 To 500, Deduct	-1.64	
			For >500, Deduct	-2.25	
05 75 00 00-0040	SF		0.0635" (16 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	13.15	2.94
			For >16 To 200, Deduct	-0.88	
			For >200 To 500, Deduct	-1.76	
			For >500, Deduct	-2.41	
05 75 00 00-0041	SF		0.0785" (14 Gauge) Thick Galvanized Steel Sheet, Installed On Walls	14.64	3.07
			For >16 To 200, Deduct	-0.96	
			For >200 To 500, Deduct	-1.92	
			For >500, Deduct	-2.66	



		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 00-0042 SF 0.1084" (12 Gauge) Thick Galvanized Steel Sheet, Installed On Walls..... For >16 To 200, Deduct For >200 To 500, Deduct For >500, Deduct	16.79 -1.09 -2.18 -3.02	3.31
05 75 00 00-0043 SF 0.1382" (10 Gauge) Thick Galvanized Steel Sheet, Installed On Walls..... For >16 To 200, Deduct For >200 To 500, Deduct For >500, Deduct	19.35 -1.25 -2.51 -3.48	3.83
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..... For >16 To 200, Deduct For >200 To 500, Deduct For >500, Deduct	12.41 -0.82 -1.64 -2.26	2.01
05 75 00 00-0046 SF 0.016" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls..... For >16 To 200, Deduct For >200 To 500, Deduct For >500, Deduct	14.36 -0.95 -1.89 -2.61	2.28
05 75 00 00-0047 SF 0.019" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls..... For >16 To 200, Deduct For >200 To 500, Deduct For >500, Deduct	16.31 -1.07 -2.14 -2.95	2.53
05 75 00 00-0048 SF 0.024" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls..... For >16 To 200, Deduct For >200 To 500, Deduct For >500, Deduct	18.04 -1.18 -2.35 -3.25	2.73

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

THIS PAGE INTENTIONALLY LEFT BLANK

NOT FOR BID



Wood, Plastics, and Composites	06	06
Maintenance of Wood, Plastics, and Composites	06 01	
Maintenance of Rough Carpentry	06 01 10	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

06 Wood, Plastics, and Composites

06 01 Maintenance of Wood, Plastics, and Composites (06)

06 01 10 Maintenance of Rough Carpentry (06 01)

06 01 10 91 Rough Carpentry Restoration (06 01 10)

06 01 10 91-0001 Roof Beam Restoration (06 01 10 91)

06 01 10 91-0002	EA	Up To 5, Roof Beam Restoration And Fill.....	68.70
Note: Includes cutting out damaged/rotten wood, filling with wood fiber restore material, and then with two-part epoxy, or polyester bondo, and sanding.			
06 01 10 91-0003	EA	>5 To 25, Roof Beam Restoration And Fill.....	59.14
Note: Includes cutting out damaged/rotten wood, filling with wood fiber restore material, and then with two-part epoxy, or polyester bondo, and sanding.			
06 01 10 91-0004	EA	>25, Roof Beam Restoration And Fill.....	49.59
Note: Includes cutting out damaged/rotten wood, filling with wood fiber restore material, and then with two-part epoxy, or polyester bondo, and sanding.			

06 01 10 91-0005 Roof Beam Replacement (06 01 10 91)

Note: Includes cutting back the rafter beam back 18" and in a zig-zag Z splice cut for purpose of splicing on new end piece. Attached with glue and screwed on with lag screws counter sunk.			
06 01 10 91-0006	EA	Up To 5, Roof Beam Replacement, 6" x 12" Beams.....	159.34
Note: Includes cutting off damaged/rotten wood, new beams with screws.			
06 01 10 91-0007	EA	>5 To 25, Roof Beam Replacement, 6" x 12" Beams.....	149.79
Note: Includes cutting off damaged/rotten wood, new beams with screws.			
06 01 10 91-0008	EA	>25, Roof Beam Replacement, 6" x 12" Beams.....	140.23
Note: Includes cutting off damaged/rotten wood, new beams with screws.			
06 01 10 91-0009	EA	Up To 5, Roof Beam Replacement, 4" x 8" Beams.....	140.37
Note: Includes cutting off damaged/rotten wood, new beams with screws.			
06 01 10 91-0010	EA	>5 To 25, Roof Beam Replacement, 4" x 8" Beams.....	130.83
Note: Includes cutting off damaged/rotten wood, new beams with screws.			
06 01 10 91-0011	EA	>25, Roof Beam Replacement, 4" x 8" Beams.....	121.26
Note: Includes cutting off damaged/rotten wood, new beams with screws.			

06 01 10 91-0012 Roof Beam Caps (06 01 10 91)

06 01 10 91-0013	EA	4" x 4" Stainless Steel Beam End Cap.....	31.66
For Galvanized Steel, Deduct			
06 01 10 91-0014	EA	4" x 6" Stainless Steel Beam End Cap.....	47.33
For Galvanized Steel, Deduct			
06 01 10 91-0015	EA	4" x 8" Stainless Steel Beam End Cap.....	61.00
For Galvanized Steel, Deduct			
06 01 10 91-0016	EA	6" x 6" Stainless Steel Beam End Cap.....	55.30
For Galvanized Steel, Deduct			
06 01 10 91-0017	EA	6" x 12" Stainless Steel Beam End Cap.....	69.44
For Galvanized Steel, Deduct			

06 01 10 91-0018 Field Formed Beam Top/End Caps (06 01 10 91)

06 01 10 91-0019	SF	24 Gauge, Stainless Steel Field Formed Beam Top/End Cap.....	15.11
Note: Includes forming and bending at edges and around end of exposed beam			
06 01 10 91-0020	SF	24 Gauge, Galvanized Steel Field Formed Beam Top/End Cap.....	11.17
Note: Includes forming and bending at edges and around end of exposed beam			

06 01 10 91-0021 Historic Restoration For Retexturing Wood Beams (06 01 10 91)

06 01 10 91-0022	SF	Retexture Wood Beams To Match Original Historic Appearance.....	37.21
Note: Includes: Retexturing wood surface of beams on (3) sides			
06 01 10 91-0023	LF	Retexture 3" X 6" Wood Beams On (3) Sides To Match Original Historic Appearance.....	46.52

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.....	8.34
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.....	43.67
06 01 40 91-0003	EA	Removal And Replacement Of Semi Concealed, Brass Cabinet Hinges.....	40.63

06 Wood, Plastics, and Composites**06 01 Maintenance of Wood, Plastics, and Composites****06 01 40 Maintenance of Architectural Woodwork**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

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	16.99	
	For >10 To 50, Deduct	-0.39	
	For >50 To 100, Deduct	-1.01	
	For >100 To 250, Deduct	-2.01	
	For >250 To 500, Deduct	-3.41	
	For >500, Deduct	-4.80	
06 05 23 00-0003	EA 1/2" Diameter x 7-1/2" Long, Threaded Anchor Bolt	24.68	
	For >10 To 50, Deduct	-0.42	
	For >50 To 100, Deduct	-1.24	
	For >100 To 250, Deduct	-2.49	
	For >250 To 500, Deduct	-4.15	
	For >500, Deduct	-5.81	
06 05 23 00-0004	EA 3/4" Diameter x 7-1/2" Long, Threaded Anchor Bolt	27.71	
	For >10 To 50, Deduct	-0.42	
	For >50 To 100, Deduct	-1.32	
	For >100 To 250, Deduct	-2.64	
	For >250 To 500, Deduct	-4.37	
	For >500, Deduct	-6.11	
06 05 23 00-0005	EA 3/4" Diameter x 12" Long, Threaded Anchor Bolt	60.50	
	For >10 To 50, Deduct	-0.57	
	For >50 To 100, Deduct	-2.37	
	For >100 To 250, Deduct	-4.74	
	For >250 To 500, Deduct	-7.68	
	For >500, Deduct	-10.62	

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", 18 Gauge, Galvanized Framing Angle Anchor (Simpson Strong Tie® A34)	6.90	3.25
	For >10 To 50, Deduct	-0.31	
	For >50 To 100, Deduct	-0.64	
	For >100 To 250, Deduct	-1.28	
	For >250 To 500, Deduct	-2.22	
	For >500, Deduct	-3.17	
06 05 23 00-0008	EA 1-7/16" x 4-1/2", 18 Gauge, Galvanized Framing Angle Anchor (Simpson Strong Tie® A35)	7.70	3.58
	For >10 To 50, Deduct	-0.35	
	For >50 To 100, Deduct	-0.72	
	For >100 To 250, Deduct	-1.43	
	For >250 To 500, Deduct	-2.49	
	For >500, Deduct	-3.56	

06 05 23 00-0009 Angle Anchors ^(06 05 23)

Note: Including nails.

06 05 23 00-0010	EA 2" x 1-1/2" x 2-1/2" Wide, 18 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A21)	6.99	3.25
	For >10 To 50, Deduct	-0.31	
	For >50 To 100, Deduct	-0.64	
	For >100 To 250, Deduct	-1.28	
	For >250 To 500, Deduct	-2.23	
	For >500, Deduct	-3.18	
06 05 23 00-0011	EA 2" x 1-1/2" x 2-3/4" Wide, 18 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A23)	7.67	3.47
	For >10 To 50, Deduct	-0.33	
	For >50 To 100, Deduct	-0.69	
	For >100 To 250, Deduct	-1.38	
	For >250 To 500, Deduct	-2.39	
	For >500, Deduct	-3.41	
06 05 23 00-0012	EA 3-7/8" x 2" x 2-1/2" Wide, 12 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A24)	13.39	3.58
	For >10 To 50, Deduct	-0.35	
	For >50 To 100, Deduct	-0.86	
	For >100 To 250, Deduct	-1.72	
	For >250 To 500, Deduct	-2.92	
	For >500, Deduct	-4.13	
06 05 23 00-0013	EA 3" x 3" x 1-1/2" Wide, 18 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A33)	12.04	3.58
	For >10 To 50, Deduct	-0.35	
	For >50 To 100, Deduct	-0.82	
	For >100 To 250, Deduct	-1.65	
	For >250 To 500, Deduct	-2.82	
	For >500, Deduct	-3.99	
06 05 23 00-0014	EA 4-9/16" x 4-9/16" x 1-1/2" Wide, 18 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A44)	13.16	4.02
	For >10 To 50, Deduct	-0.38	
	For >50 To 100, Deduct	-0.91	
	For >100 To 250, Deduct	-1.81	
	For >250 To 500, Deduct	-3.10	
	For >500, Deduct	-4.39	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0015	EA		5-7/8" x 5-7/8" x 1-1/2" Wide, 18 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A66).....	14.93	4.23
			For >10 To 50, Deduct	-0.41	
			For >50 To 100, Deduct	-0.99	
			For >100 To 250, Deduct	-1.99	
			For >250 To 500, Deduct	-3.39	
			For >500, Deduct	-4.80	
06 05 23 00-0016			Reinforcing Angle Wood Construction Connectors (06 05 23)		
			Note: Including nails.		
06 05 23 00-0017	EA		3" x 3-3/4", 16 Gauge, Galvanized Reinforcing Angle Wood Construction Connectors (Simpson Strong Tie® L30)	7.71	3.04
			For >10 To 50, Deduct	-0.31	
			For >50 To 100, Deduct	-0.66	
			For >100 To 250, Deduct	-1.32	
			For >250 To 500, Deduct	-2.28	
			For >500, Deduct	-3.25	
06 05 23 00-0018	EA		5" x 3-3/4", 16 Gauge, Galvanized Reinforcing Angle Wood Construction Connectors (Simpson Strong Tie® L50)	9.56	3.25
			For >10 To 50, Deduct	-0.33	
			For >50 To 100, Deduct	-0.73	
			For >100 To 250, Deduct	-1.46	
			For >250 To 500, Deduct	-2.52	
			For >500, Deduct	-3.58	
06 05 23 00-0019	EA		7" x 3-3/4", 16 Gauge, Galvanized Reinforcing Angle Wood Construction Connectors (Simpson Strong Tie® L70)	10.90	3.36
			For >10 To 50, Deduct	-0.34	
			For >50 To 100, Deduct	-0.78	
			For >100 To 250, Deduct	-1.56	
			For >250 To 500, Deduct	-2.68	
			For >500, Deduct	-3.80	
06 05 23 00-0020	EA		9" x 3-3/4", 16 Gauge, Galvanized Reinforcing Angle Wood Construction Connectors (Simpson Strong Tie® L90)	12.13	3.47
			For >10 To 50, Deduct	-0.36	
			For >50 To 100, Deduct	-0.84	
			For >100 To 250, Deduct	-1.67	
			For >250 To 500, Deduct	-2.87	
			For >500, Deduct	-4.06	
06 05 23 00-0021	EA		3-3/8" x 3-3/4", 18 Gauge, Galvanized Reinforcing Skewable Angle Wood Construction Connectors (Simpson Strong Tie® LS30).....	8.44	3.04
			For >10 To 50, Deduct	-0.31	
			For >50 To 100, Deduct	-0.68	
			For >100 To 250, Deduct	-1.35	
			For >250 To 500, Deduct	-2.34	
			For >500, Deduct	-3.32	
06 05 23 00-0022	EA		4-7/8" x 3-3/4", 18 Gauge, Galvanized Reinforcing Skewable Angle Wood Construction Connectors (Simpson Strong Tie® LS50).....	9.31	3.25
			For >10 To 50, Deduct	-0.33	
			For >50 To 100, Deduct	-0.73	
			For >100 To 250, Deduct	-1.45	
			For >250 To 500, Deduct	-2.51	
			For >500, Deduct	-3.56	
06 05 23 00-0023	EA		6-3/8" x 3-3/4", 18 Gauge, Galvanized Reinforcing Skewable Angle Wood Construction Connectors (Simpson Strong Tie® LS70).....	10.84	3.36
			For >10 To 50, Deduct	-0.34	
			For >50 To 100, Deduct	-0.78	
			For >100 To 250, Deduct	-1.56	
			For >250 To 500, Deduct	-2.68	
			For >500, Deduct	-3.80	
06 05 23 00-0024	EA		7-7/8" x 3-3/4", 18 Gauge, Galvanized Reinforcing Skewable Angle Wood Construction Connectors (Simpson Strong Tie® LS90).....	12.90	3.47
			For >10 To 50, Deduct	-0.36	
			For >50 To 100, Deduct	-0.86	
			For >100 To 250, Deduct	-1.71	
			For >250 To 500, Deduct	-2.93	
			For >500, Deduct	-4.14	
06 05 23 00-0025			Hold Down Anchors (06 05 23)		
			Note: Including nails.		
06 05 23 00-0026	EA		8-5/8" High x 2-1/2" Wide x 2-1/4" Deep, 12 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD3B)	56.12	
			For >10 To 50, Deduct	-1.68	
			For >50 To 100, Deduct	-3.92	
			For >100 To 250, Deduct	-7.85	
			For >250 To 500, Deduct	-13.45	
			For >500, Deduct	-19.06	
06 05 23 00-0027	EA		9-3/8" High x 2-1/2" Wide x 2-1/2" Deep, 10 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD5B)	78.93	
			For >10 To 50, Deduct	-1.74	
			For >50 To 100, Deduct	-4.58	
			For >100 To 250, Deduct	-9.15	
			For >250 To 500, Deduct	-15.46	
			For >500, Deduct	-21.77	
06 05 23 00-0028	EA		12-3/8" High x 2-1/2" Wide x 2-1/2" Deep, 10 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD7B)	97.52	
			For >10 To 50, Deduct	-1.84	
			For >50 To 100, Deduct	-5.20	
			For >100 To 250, Deduct	-10.41	
			For >250 To 500, Deduct	-17.46	
			For >500, Deduct	-24.50	

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 00-0029	EA	14" High x 2-1/2" Wide x 2-1/2" Deep, 7 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD9B)	115.16	
		For >10 To 50, Deduct	-2.06	
		For >50 To 100, Deduct	-5.97	
		For >100 To 250, Deduct	-11.94	
		For >250 To 500, Deduct	-19.97	
		For >500, Deduct	-28.00	
06 05 23 00-0030	EA	20-5/16" High x 3-1/2" Wide x 4-1/2" Deep, 3 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD12).....	186.95	
		For >10 To 50, Deduct	-2.60	
		For >50 To 100, Deduct	-8.58	
		For >100 To 250, Deduct	-17.16	
		For >250 To 500, Deduct	-28.34	
		For >500, Deduct	-39.52	
06 05 23 00-0031	EA	24-1/2" High x 3-1/2" Wide x 4-1/2" Deep, 3 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD19).....	252.22	
		For >10 To 50, Deduct	-2.71	
		For >50 To 100, Deduct	-10.37	
		For >100 To 250, Deduct	-20.75	
		For >250 To 500, Deduct	-33.83	
		For >500, Deduct	-46.91	
06 05 23 00-0032	EA	8-11/16" Height x 3" Wide x 3-1/4" Deep, 14 Gauge, Galvanized Predeflected Holdown With Screws (Simpson Strong Tie® HDU2-SDS2.5).....	66.23	
		For >10 To 50, Deduct	-1.68	
		For >50 To 100, Deduct	-4.18	
		For >100 To 250, Deduct	-8.35	
		For >250 To 500, Deduct	-14.21	
		For >500, Deduct	-20.07	
06 05 23 00-0033	EA	10-15/16" Height x 3" Wide x 3-1/4" Deep, 14 Gauge, Galvanized Predeflected Holdown With Screws (Simpson Strong Tie® HDU4-SDS2.5).....	73.35	
		For >10 To 50, Deduct	-1.74	
		For >50 To 100, Deduct	-4.44	
		For >100 To 250, Deduct	-8.87	
		For >250 To 500, Deduct	-15.04	
		For >500, Deduct	-21.22	
06 05 23 00-0034	EA	13-3/16" Height x 3" Wide x 3-1/4" Deep, 14 Gauge, Galvanized Predeflected Holdown With Screws (Simpson Strong Tie® HDU5-SDS2.5).....	82.22	
		For >10 To 50, Deduct	-1.84	
		For >50 To 100, Deduct	-4.82	
		For >100 To 250, Deduct	-9.64	
		For >250 To 500, Deduct	-16.31	
		For >500, Deduct	-22.97	
06 05 23 00-0035	EA	16-5/8" Height x 3" Wide x 3-1/2" Deep, 10 Gauge, Galvanized Predeflected Holdown With Screws (Simpson Strong Tie® HDU8-SDS2.5).....	101.62	
		For >10 To 50, Deduct	-2.06	
		For >50 To 100, Deduct	-5.63	
		For >100 To 250, Deduct	-11.26	
		For >250 To 500, Deduct	-18.95	
		For >500, Deduct	-26.65	
06 05 23 00-0036	EA	22-1/4" Height x 3" Wide x 3-1/2" Deep, 10 Gauge, Galvanized Predeflected Holdown With Screws (Simpson Strong Tie® HDU11-SDS2.5).....	130.90	
		For >10 To 50, Deduct	-2.60	
		For >50 To 100, Deduct	-7.18	
		For >100 To 250, Deduct	-14.35	
		For >250 To 500, Deduct	-24.13	
		For >500, Deduct	-33.91	
06 05 23 00-0037	EA	25-11/16" Height x 3" Wide x 3-1/2" Deep, 7 Gauge, Galvanized Predeflected Holdown With Screws (Simpson Strong Tie® HDU14-SDS2.5).....	146.34	
		For >10 To 50, Deduct	-2.71	
		For >50 To 100, Deduct	-7.73	
		For >100 To 250, Deduct	-15.45	
		For >250 To 500, Deduct	-25.89	
		For >500, Deduct	-36.33	
06 05 23 00-0038		Joist And Beam Hangers (06 05 23) Note: Including nails.		
06 05 23 00-0039	EA	18 Gauge, Galvanized Joist Hanger, For 2" x 4" Joist Also Acceptable For Beam Hangers (Simpson Strong Tie® LU24).....	7.36	3.04
		For >10 To 50, Deduct	-0.31	
		For >50 To 100, Deduct	-0.65	
		For >100 To 250, Deduct	-1.30	
		For >250 To 500, Deduct	-2.26	
		For >500, Deduct	-3.22	
06 05 23 00-0040	EA	18 Gauge, Galvanized Joist Hanger, For 2" x 6" To 2" x 10" Joist, Also Acceptable For Beam Hangers (Simpson Strong Tie® LU28).....	8.20	3.25
		For >10 To 50, Deduct	-0.33	
		For >50 To 100, Deduct	-0.70	
		For >100 To 250, Deduct	-1.40	
		For >250 To 500, Deduct	-2.42	
		For >500, Deduct	-3.45	
06 05 23 00-0041	EA	16 Gauge, Galvanized Joist Hanger, For 3" x 6" To 3" x 9" Joist, Also Acceptable For Beam Hangers (Simpson Strong Tie® LUS36).....	11.57	3.36
		For >10 To 50, Deduct	-0.34	
		For >50 To 100, Deduct	-0.80	
		For >100 To 250, Deduct	-1.60	
		For >250 To 500, Deduct	-2.73	
		For >500, Deduct	-3.87	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0042	EA		16 Gauge, Galvanized Joist Hanger, For 3" x 10" To 3" x 14" Joist, Also Acceptable For Beam Hangers (Simpson Strong Tie® LUS310).....	12.60	3.47
			For >10 To 50, Deduct	-0.36	
			For >50 To 100, Deduct	-0.85	
			For >100 To 250, Deduct	-1.70	
			For >250 To 500, Deduct	-2.90	
			For >500, Deduct	-4.11	
06 05 23 00-0043	EA		14 Gauge, Galvanized Joist Hanger, For 4" x 6" To 4" x 8" Joist, Also Acceptable For Beam Hangers (Simpson Strong Tie® HUS46).....	19.37	3.68
			For >10 To 50, Deduct	-0.37	
			For >50 To 100, Deduct	-1.03	
			For >100 To 250, Deduct	-2.07	
			For >250 To 500, Deduct	-3.47	
			For >500, Deduct	-4.87	
06 05 23 00-0044	EA		14 Gauge, Galvanized Joist Hanger, For 4" x 10" To 4" x 14" Joist, Also Acceptable For Beam Hangers (Simpson Strong Tie® HUS412).....	23.12	3.80
			For >10 To 50, Deduct	-0.38	
			For >50 To 100, Deduct	-1.14	
			For >100 To 250, Deduct	-2.28	
			For >250 To 500, Deduct	-3.80	
			For >500, Deduct	-5.32	
06 05 23 00-0045			Anchor And Ties (06 05 23)		
			Note: Including nails.		
06 05 23 00-0046	EA		12-3/8" Long, 11 Gauge, Galvanized Heavy Tension Tie (Simpson Strong Tie® HTT4).....	35.44	
			Note: Includes nails. Excludes anchor bolt.		
06 05 23 00-0047	EA		16" Long, 11 Gauge, Galvanized Heavy Tension Tie (Simpson Strong Tie® HTT5).....	43.90	
			Note: Includes nails. Excludes anchor bolt.		
06 05 23 00-0048	EA		16 Gauge, Zinc Galvanized Finish Mudsill Anchor (Simpson Strong Tie® MASAZ).....	4.65	
06 05 23 00-0049	EA		16 Gauge, Zinc Galvanized Finish Mudsill Anchor (Simpson Strong Tie® MASBZ).....	5.24	
06 05 23 00-0050			Hurricane Ties (06 05 23)		
06 05 23 00-0051	EA		6" x 1-3/8" Wide, 18 Gauge, Galvanized Finish Hurricane Ties (Simpson Strong Tie® H2.5A).....	8.03	3.36
			For >10 To 50, Deduct	-0.37	
			For >50 To 100, Deduct	-0.76	
			For >100 To 250, Deduct	-1.52	
			For >250 To 500, Deduct	-2.66	
			For >500, Deduct	-3.80	
06 05 23 00-0052	EA		6" x 1-3/8" Wide, 18 Gauge, Zinc Galvanized Finish Hurricane Ties (Simpson Strong Tie® H2.5AZ).....	2.93	
06 05 23 00-0053	EA		6" x 1-3/8" Wide, 18 Gauge, Stainless Steel Hurricane Ties (Simpson Strong Tie® H2.5ASS).....	8.05	
06 05 23 00-0054	EA		10-7/16" x 1-1/2" Wide, 18 Gauge, Galvanized Finish Hurricane Ties (Simpson Strong Tie® H2A).....	9.93	3.36
			For >10 To 50, Deduct	-0.37	
			For >50 To 100, Deduct	-0.81	
			For >100 To 250, Deduct	-1.62	
			For >250 To 500, Deduct	-2.80	
			For >500, Deduct	-3.99	
06 05 23 00-0055	EA		19-3/16" x 2-1/4" Wide, 18 Gauge, Galvanized Finish Hurricane Ties (Simpson Strong Tie® H6).....	16.82	
06 05 23 00-0056			Post Column Bases (06 05 23)		
			Note: Including nails.		
06 05 23 00-0057	EA		Adjustable And Standoff 4" x 4" Post Base, With Bolts (Simpson Strong Tie® ABA44).....	33.05	
06 05 23 00-0058	EA		Adjustable And Standoff 4" x 6" Post Base, With Bolts (Simpson Strong Tie® ABA46).....	50.30	
06 05 23 00-0059	EA		Adjustable And Standoff 6" x 6" Post Base, With Bolts (Simpson Strong Tie® ABA66).....	51.78	
06 05 23 00-0060			Post Column Caps (06 05 23)		
			Note: Including nails.		
06 05 23 00-0061	EA		4" Beam, 4" Post Flange, 18 Gauge, Galvanized Post Cap (Simpson Strong Tie® BC4).....	17.17	3.80
			For >10 To 50, Deduct	-0.42	
			For >50 To 100, Deduct	-1.06	
			For >100 To 250, Deduct	-2.11	
			For >250 To 500, Deduct	-3.58	
			For >500, Deduct	-5.06	
06 05 23 00-0062	EA		6" Beam, 6" Post Flange, 18 Gauge, Galvanized Post Cap (Simpson Strong Tie® BC6).....	38.01	3.80
			For >10 To 50, Deduct	-0.44	
			For >50 To 100, Deduct	-1.61	
			For >100 To 250, Deduct	-3.22	
			For >250 To 500, Deduct	-5.27	
			For >500, Deduct	-7.33	
06 05 23 00-0063	EA		3-1/8" Beam, 4" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC3 1/4-4).....	189.97	
			Note: Excludes field welding		
			For >10 To 50, Deduct	-1.08	
			For >50 To 100, Deduct	-6.38	
			For >100 To 250, Deduct	-12.75	
			For >250 To 500, Deduct	-20.21	
			For >500, Deduct	-27.67	
			For Hot Dipped Galvanized, Add	75.73	

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 00-0064	EA		3-1/8" Beam, 6" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC3 1/4-6)	198.63	
			For >10 To 50, Deduct	-1.22	
			For >50 To 100, Deduct	-6.80	
			For >100 To 250, Deduct	-13.59	
			For >250 To 500, Deduct	-21.61	
			For >500, Deduct	-29.62	
			For Hot Dipped Galvanized, Add	78.40	
06 05 23 00-0065	EA		4" Beam, 4" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC44).....	122.55	
			Note: Excludes field welding		
			For >10 To 50, Deduct	-1.08	
			For >50 To 100, Deduct	-4.69	
			For >100 To 250, Deduct	-9.38	
			For >250 To 500, Deduct	-15.16	
			For >500, Deduct	-20.93	
			For Hot Dipped Galvanized, Add	45.39	
06 05 23 00-0066	EA		4" Beam, 6" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC46).....	194.53	
			For >10 To 50, Deduct	-1.22	
			For >50 To 100, Deduct	-6.69	
			For >100 To 250, Deduct	-13.39	
			For >250 To 500, Deduct	-21.30	
			For >500, Deduct	-29.21	
			For Hot Dipped Galvanized, Add	76.56	
06 05 23 00-0067	EA		4" Beam, 8" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC48).....	203.38	
			Note: Excludes field welding		
			For >10 To 50, Deduct	-1.22	
			For >50 To 100, Deduct	-6.91	
			For >100 To 250, Deduct	-13.83	
			For >250 To 500, Deduct	-21.96	
			For >500, Deduct	-30.10	
			For Hot Dipped Galvanized, Add	80.54	
06 05 23 00-0068	EA		6" Beam, 4" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC64).....	207.84	
			For >10 To 50, Deduct	-1.17	
			For >50 To 100, Deduct	-6.95	
			For >100 To 250, Deduct	-13.89	
			For >250 To 500, Deduct	-22.00	
			For >500, Deduct	-30.11	
			For Hot Dipped Galvanized, Add	83.03	
06 05 23 00-0069	EA		6" Beam, 6" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC66).....	210.01	
			For >10 To 50, Deduct	-1.27	
			For >50 To 100, Deduct	-7.16	
			For >100 To 250, Deduct	-14.32	
			For >250 To 500, Deduct	-22.76	
			For >500, Deduct	-31.20	
			For Hot Dipped Galvanized, Add	83.03	
06 05 23 00-0070	EA		6" Beam, 8" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC68).....	210.01	
			For >10 To 50, Deduct	-1.27	
			For >50 To 100, Deduct	-7.16	
			For >100 To 250, Deduct	-14.32	
			For >250 To 500, Deduct	-22.76	
			For >500, Deduct	-31.20	
			For Hot Dipped Galvanized, Add	83.03	
06 05 23 00-0071	EA		5-1/8" Beam, 4" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC5 1/4-4)	242.57	
			For >10 To 50, Deduct	-1.17	
			For >50 To 100, Deduct	-7.81	
			For >100 To 250, Deduct	-15.63	
			For >250 To 500, Deduct	-24.61	
			For >500, Deduct	-33.59	
			For Hot Dipped Galvanized, Add	98.66	
06 05 23 00-0072	EA		5-1/8" Beam, 6" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC5 1/4-6)	244.74	
			For >10 To 50, Deduct	-1.27	
			For >50 To 100, Deduct	-8.03	
			For >100 To 250, Deduct	-16.06	
			For >250 To 500, Deduct	-25.37	
			For >500, Deduct	-34.67	
			For Hot Dipped Galvanized, Add	98.66	
06 05 23 00-0073	EA		5-1/8" Beam, 8" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC5 1/4-8)	244.74	
			For >10 To 50, Deduct	-1.27	
			For >50 To 100, Deduct	-8.03	
			For >100 To 250, Deduct	-16.06	
			For >250 To 500, Deduct	-25.37	
			For >500, Deduct	-34.67	
			For Hot Dipped Galvanized, Add	98.66	
06 05 23 00-0074	EA		8" Beam, 4" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC84).....	296.36	
			For >10 To 50, Deduct	-1.17	
			For >50 To 100, Deduct	-9.16	
			For >100 To 250, Deduct	-18.32	
			For >250 To 500, Deduct	-28.64	
			For >500, Deduct	-38.96	
			For Hot Dipped Galvanized, Add	122.87	
06 05 23 00-0075	EA		8" Beam, 6" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC86).....	298.53	
			For >10 To 50, Deduct	-1.27	
			For >50 To 100, Deduct	-9.38	
			For >100 To 250, Deduct	-18.75	
			For >250 To 500, Deduct	-29.40	
			For >500, Deduct	-40.05	
			For Hot Dipped Galvanized, Add	122.87	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0076	EA		8" Beam, 8" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC88).....	298.53	
			For >10 To 50, Deduct	-1.27	
			For >50 To 100, Deduct	-9.38	
			For >100 To 250, Deduct	-18.75	
			For >250 To 500, Deduct	-29.40	
			For >500, Deduct	-40.05	
			For Hot Dipped Galvanized, Add	122.87	
06 05 23 00-0077	EA		3-1/8" Beam, 4" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC3 1/4-4).....	189.97	
			Note: Excludes field welding		
			For >10 To 50, Deduct	-1.08	
			For >50 To 100, Deduct	-6.38	
			For >100 To 250, Deduct	-12.75	
			For >250 To 500, Deduct	-20.21	
			For >500, Deduct	-27.67	
			For Hot Dipped Galvanized, Add	75.73	
06 05 23 00-0078	EA		3-1/8" Beam, 6" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC3 1/4-6).....	198.63	
			For >10 To 50, Deduct	-1.22	
			For >50 To 100, Deduct	-6.80	
			For >100 To 250, Deduct	-13.59	
			For >250 To 500, Deduct	-21.61	
			For >500, Deduct	-29.62	
			For Hot Dipped Galvanized, Add	78.40	
06 05 23 00-0079	EA		4" Beam, 4" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC44).....	122.55	
			Note: Excludes field welding		
			For >10 To 50, Deduct	-1.08	
			For >50 To 100, Deduct	-4.69	
			For >100 To 250, Deduct	-9.38	
			For >250 To 500, Deduct	-15.16	
			For >500, Deduct	-20.93	
			For Hot Dipped Galvanized, Add	45.39	
06 05 23 00-0080	EA		4" Beam, 6" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC46).....	194.53	
			For >10 To 50, Deduct	-1.22	
			For >50 To 100, Deduct	-6.69	
			For >100 To 250, Deduct	-13.39	
			For >250 To 500, Deduct	-21.30	
			For >500, Deduct	-29.21	
			For Hot Dipped Galvanized, Add	76.56	
06 05 23 00-0081	EA		4" Beam, 8" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC48).....	203.38	
			Note: Excludes field welding		
			For >10 To 50, Deduct	-1.22	
			For >50 To 100, Deduct	-6.91	
			For >100 To 250, Deduct	-13.83	
			For >250 To 500, Deduct	-21.96	
			For >500, Deduct	-30.10	
			For Hot Dipped Galvanized, Add	80.54	
06 05 23 00-0082	EA		6" Beam, 4" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC64).....	207.84	
			For >10 To 50, Deduct	-1.17	
			For >50 To 100, Deduct	-6.95	
			For >100 To 250, Deduct	-13.89	
			For >250 To 500, Deduct	-22.00	
			For >500, Deduct	-30.11	
			For Hot Dipped Galvanized, Add	83.03	
06 05 23 00-0083	EA		6" Beam, 6" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC66).....	210.01	
			For >10 To 50, Deduct	-1.27	
			For >50 To 100, Deduct	-7.16	
			For >100 To 250, Deduct	-14.32	
			For >250 To 500, Deduct	-22.76	
			For >500, Deduct	-31.20	
			For Hot Dipped Galvanized, Add	83.03	
06 05 23 00-0084	EA		6" Beam, 8" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC68).....	210.01	
			For >10 To 50, Deduct	-1.27	
			For >50 To 100, Deduct	-7.16	
			For >100 To 250, Deduct	-14.32	
			For >250 To 500, Deduct	-22.76	
			For >500, Deduct	-31.20	
			For Hot Dipped Galvanized, Add	83.03	
06 05 23 00-0085	EA		5-1/8" Beam, 4" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC5 1/4-4).....	242.57	
			For >10 To 50, Deduct	-1.17	
			For >50 To 100, Deduct	-7.81	
			For >100 To 250, Deduct	-15.63	
			For >250 To 500, Deduct	-24.61	
			For >500, Deduct	-33.59	
			For Hot Dipped Galvanized, Add	98.66	
06 05 23 00-0086	EA		5-1/8" Beam, 6" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC5 1/4-6).....	244.74	
			For >10 To 50, Deduct	-1.27	
			For >50 To 100, Deduct	-8.03	
			For >100 To 250, Deduct	-16.06	
			For >250 To 500, Deduct	-25.37	
			For >500, Deduct	-34.67	
			For Hot Dipped Galvanized, Add	98.66	
06 05 23 00-0087	EA		5-1/8" Beam, 8" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC5 1/4-8).....	244.74	
			For >10 To 50, Deduct	-1.27	
			For >50 To 100, Deduct	-8.03	
			For >100 To 250, Deduct	-16.06	
			For >250 To 500, Deduct	-25.37	
			For >500, Deduct	-34.67	
			For Hot Dipped Galvanized, Add	98.66	

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 00-0088	EA		8" Beam, 4" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC84)	296.36	
			For >10 To 50, Deduct	-1.17	
			For >50 To 100, Deduct	-9.16	
			For >100 To 250, Deduct	-18.32	
			For >250 To 500, Deduct	-28.64	
			For >500, Deduct	-38.96	
			For Hot Dipped Galvanized, Add	122.87	
06 05 23 00-0089	EA		8" Beam, 6" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC86)	298.53	
			For >10 To 50, Deduct	-1.27	
			For >50 To 100, Deduct	-9.38	
			For >100 To 250, Deduct	-18.75	
			For >250 To 500, Deduct	-29.40	
			For >500, Deduct	-40.05	
			For Hot Dipped Galvanized, Add	122.87	
06 05 23 00-0090	EA		8" Beam, 8" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC88)	298.53	
			For >10 To 50, Deduct	-1.27	
			For >50 To 100, Deduct	-9.38	
			For >100 To 250, Deduct	-18.75	
			For >250 To 500, Deduct	-29.40	
			For >500, Deduct	-40.05	
			For Hot Dipped Galvanized, Add	122.87	
06 05 23 00-0091			Rafter Connectors (06 05 23)		
06 05 23 00-0092	EA		Galvanized Rigid Rafter Connector, For 2" x 6" (Simpson Strong Tie® RR)	9.64	3.36
			For >10 To 50, Deduct	-0.37	
			For >50 To 100, Deduct	-0.80	
			For >100 To 250, Deduct	-1.60	
			For >250 To 500, Deduct	-2.78	
			For >500, Deduct	-3.96	
06 05 23 00-0093			Bolts And Fasteners (06 05 23)		
06 05 23 00-0094			Carriage Bolts (06 05 23 00-0093)		
			Note: Includes drilling of holes in any material. Includes nut and washer.		
06 05 23 00-0095			Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolts (06 05 23 00-0094)		
06 05 23 00-0096	EA		1/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	14.54	
			For >10 To 50, Deduct	-0.71	
			For >50 To 100, Deduct	-1.42	
			For >100 To 250, Deduct	-2.84	
			For >250 To 500, Deduct	-4.97	
			For >500, Deduct	-7.09	
06 05 23 00-0097	EA		1/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	14.74	
			For >10 To 50, Deduct	-0.71	
			For >50 To 100, Deduct	-1.43	
			For >100 To 250, Deduct	-2.85	
			For >250 To 500, Deduct	-4.98	
			For >500, Deduct	-7.11	
06 05 23 00-0098	EA		1/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	14.86	
			For >10 To 50, Deduct	-0.71	
			For >50 To 100, Deduct	-1.43	
			For >100 To 250, Deduct	-2.86	
			For >250 To 500, Deduct	-4.99	
			For >500, Deduct	-7.13	
06 05 23 00-0099	EA		1/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	17.38	
			For >10 To 50, Deduct	-0.81	
			For >50 To 100, Deduct	-1.65	
			For >100 To 250, Deduct	-3.31	
			For >250 To 500, Deduct	-5.78	
			For >500, Deduct	-8.25	
06 05 23 00-0100	EA		3/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	16.14	
			For >10 To 50, Deduct	-0.76	
			For >50 To 100, Deduct	-1.54	
			For >100 To 250, Deduct	-3.08	
			For >250 To 500, Deduct	-5.39	
			For >500, Deduct	-7.69	
06 05 23 00-0101	EA		3/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	17.55	
			For >10 To 50, Deduct	-0.81	
			For >50 To 100, Deduct	-1.66	
			For >100 To 250, Deduct	-3.32	
			For >250 To 500, Deduct	-5.79	
			For >500, Deduct	-8.26	
06 05 23 00-0102	EA		3/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	17.86	
			For >10 To 50, Deduct	-0.81	
			For >50 To 100, Deduct	-1.67	
			For >100 To 250, Deduct	-3.33	
			For >250 To 500, Deduct	-5.81	
			For >500, Deduct	-8.29	
06 05 23 00-0103	EA		3/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	21.34	
			For >10 To 50, Deduct	-0.98	
			For >50 To 100, Deduct	-2.00	
			For >100 To 250, Deduct	-4.00	
			For >250 To 500, Deduct	-6.97	
			For >500, Deduct	-9.94	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0104	EA	3/8" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	23.36		
		For >10 To 50, Deduct	-1.03		
		For >50 To 100, Deduct	-2.13		
		For >100 To 250, Deduct	-4.26		
		For >250 To 500, Deduct	-7.42		
		For >500, Deduct	-10.58		
06 05 23 00-0105	EA	3/8" Diameter x 12" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	26.46		
		For >10 To 50, Deduct	-1.14		
		For >50 To 100, Deduct	-2.37		
		For >100 To 250, Deduct	-4.74		
		For >250 To 500, Deduct	-8.25		
		For >500, Deduct	-11.75		
06 05 23 00-0106	EA	1/2" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	18.21		
		For >10 To 50, Deduct	-0.81		
		For >50 To 100, Deduct	-1.68		
		For >100 To 250, Deduct	-3.35		
		For >250 To 500, Deduct	-5.84		
		For >500, Deduct	-8.33		
06 05 23 00-0107	EA	1/2" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	20.11		
		For >10 To 50, Deduct	-0.87		
		For >50 To 100, Deduct	-1.80		
		For >100 To 250, Deduct	-3.61		
		For >250 To 500, Deduct	-6.28		
		For >500, Deduct	-8.96		
06 05 23 00-0108	EA	1/2" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	21.44		
		For >10 To 50, Deduct	-0.92		
		For >50 To 100, Deduct	-1.92		
		For >100 To 250, Deduct	-3.84		
		For >250 To 500, Deduct	-6.68		
		For >500, Deduct	-9.52		
06 05 23 00-0109	EA	1/2" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	24.06		
		For >10 To 50, Deduct	-1.03		
		For >50 To 100, Deduct	-2.15		
		For >100 To 250, Deduct	-4.29		
		For >250 To 500, Deduct	-7.47		
		For >500, Deduct	-10.65		
06 05 23 00-0110	EA	1/2" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	28.40		
		For >10 To 50, Deduct	-1.19		
		For >50 To 100, Deduct	-2.50		
		For >100 To 250, Deduct	-5.00		
		For >250 To 500, Deduct	-8.69		
		For >500, Deduct	-12.38		
06 05 23 00-0111	EA	1/2" Diameter x 12" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	32.03		
		For >10 To 50, Deduct	-1.30		
		For >50 To 100, Deduct	-2.75		
		For >100 To 250, Deduct	-5.51		
		For >250 To 500, Deduct	-9.56		
		For >500, Deduct	-13.62		
06 05 23 00-0112	EA	3/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	25.71		
		For >10 To 50, Deduct	-0.98		
		For >50 To 100, Deduct	-2.11		
		For >100 To 250, Deduct	-4.21		
		For >250 To 500, Deduct	-7.30		
		For >500, Deduct	-10.38		
06 05 23 00-0113	EA	3/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	28.05		
		For >10 To 50, Deduct	-1.03		
		For >50 To 100, Deduct	-2.25		
		For >100 To 250, Deduct	-4.49		
		For >250 To 500, Deduct	-7.77		
		For >500, Deduct	-11.05		
06 05 23 00-0114	EA	3/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	33.87		
		For >10 To 50, Deduct	-1.19		
		For >50 To 100, Deduct	-2.64		
		For >100 To 250, Deduct	-5.27		
		For >250 To 500, Deduct	-9.10		
		For >500, Deduct	-12.93		
06 05 23 00-0115	EA	3/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	38.65		
		For >10 To 50, Deduct	-1.25		
		For >50 To 100, Deduct	-2.84		
		For >100 To 250, Deduct	-5.68		
		For >250 To 500, Deduct	-9.76		
		For >500, Deduct	-13.85		
06 05 23 00-0116	EA	3/4" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	41.95		
		For >10 To 50, Deduct	-1.36		
		For >50 To 100, Deduct	-3.08		
		For >100 To 250, Deduct	-6.16		
		For >250 To 500, Deduct	-10.60		
		For >500, Deduct	-15.04		
06 05 23 00-0117	EA	3/4" Diameter x 12" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	42.62		
		For >10 To 50, Deduct	-1.41		
		For >50 To 100, Deduct	-3.18		
		For >100 To 250, Deduct	-6.36		
		For >250 To 500, Deduct	-10.95		
		For >500, Deduct	-15.54		

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 00-0118			Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolts (06 05 23 00-0094)		
06 05 23 00-0119	EA		1/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	14.89	
			For >10 To 50, Deduct	-0.71	
			For >50 To 100, Deduct	-1.43	
			For >100 To 250, Deduct	-2.86	
			For >250 To 500, Deduct	-4.99	
			For >500, Deduct	-7.13	
06 05 23 00-0120	EA		1/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	15.25	
			For >10 To 50, Deduct	-0.71	
			For >50 To 100, Deduct	-1.44	
			For >100 To 250, Deduct	-2.88	
			For >250 To 500, Deduct	-5.02	
			For >500, Deduct	-7.17	
06 05 23 00-0121	EA		1/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	15.66	
			For >10 To 50, Deduct	-0.71	
			For >50 To 100, Deduct	-1.45	
			For >100 To 250, Deduct	-2.90	
			For >250 To 500, Deduct	-5.05	
			For >500, Deduct	-7.21	
06 05 23 00-0122	EA		1/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	18.73	
			For >10 To 50, Deduct	-0.81	
			For >50 To 100, Deduct	-1.69	
			For >100 To 250, Deduct	-3.38	
			For >250 To 500, Deduct	-5.88	
			For >500, Deduct	-8.38	
06 05 23 00-0123	EA		3/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	16.63	
			For >10 To 50, Deduct	-0.76	
			For >50 To 100, Deduct	-1.55	
			For >100 To 250, Deduct	-3.11	
			For >250 To 500, Deduct	-5.42	
			For >500, Deduct	-7.74	
06 05 23 00-0124	EA		3/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	18.31	
			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	-5.85	
			For >500, Deduct	-8.34	
06 05 23 00-0125	EA		3/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	18.76	
			For >10 To 50, Deduct	-0.81	
			For >50 To 100, Deduct	-1.69	
			For >100 To 250, Deduct	-3.38	
			For >250 To 500, Deduct	-5.88	
			For >500, Deduct	-8.38	
06 05 23 00-0126	EA		3/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	22.70	
			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	-10.08	
06 05 23 00-0127	EA		3/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	24.89	
			For >10 To 50, Deduct	-1.03	
			For >50 To 100, Deduct	-2.17	
			For >100 To 250, Deduct	-4.34	
			For >250 To 500, Deduct	-7.53	
			For >500, Deduct	-10.73	
06 05 23 00-0128	EA		3/8" Diameter x 12" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	27.87	
			For >10 To 50, Deduct	-1.14	
			For >50 To 100, Deduct	-2.40	
			For >100 To 250, Deduct	-4.81	
			For >250 To 500, Deduct	-8.35	
			For >500, Deduct	-11.90	
06 05 23 00-0129	EA		1/2" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	19.35	
			For >10 To 50, Deduct	-0.81	
			For >50 To 100, Deduct	-1.70	
			For >100 To 250, Deduct	-3.41	
			For >250 To 500, Deduct	-5.93	
			For >500, Deduct	-8.44	
06 05 23 00-0130	EA		1/2" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	21.01	
			For >10 To 50, Deduct	-0.87	
			For >50 To 100, Deduct	-1.83	
			For >100 To 250, Deduct	-3.65	
			For >250 To 500, Deduct	-6.35	
			For >500, Deduct	-9.05	
06 05 23 00-0131	EA		1/2" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	22.51	
			For >10 To 50, Deduct	-0.92	
			For >50 To 100, Deduct	-1.95	
			For >100 To 250, Deduct	-3.89	
			For >250 To 500, Deduct	-6.76	
			For >500, Deduct	-9.62	
06 05 23 00-0132	EA		1/2" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	25.60	
			For >10 To 50, Deduct	-1.03	
			For >50 To 100, Deduct	-2.19	
			For >100 To 250, Deduct	-4.37	
			For >250 To 500, Deduct	-7.59	
			For >500, Deduct	-10.80	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0133	EA	1/2" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	.....	29.90	
		For >10 To 50, Deduct	.....	-1.19	
		For >50 To 100, Deduct	.....	-2.54	
		For >100 To 250, Deduct	.....	-5.07	
		For >250 To 500, Deduct	.....	-8.80	
		For >500, Deduct	.....	-12.53	
06 05 23 00-0134	EA	1/2" Diameter x 12" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	.....	33.19	
		For >10 To 50, Deduct	.....	-1.30	
		For >50 To 100, Deduct	.....	-2.78	
		For >100 To 250, Deduct	.....	-5.56	
		For >250 To 500, Deduct	.....	-9.65	
		For >500, Deduct	.....	-13.73	
06 05 23 00-0135	EA	3/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	.....	29.13	
		For >10 To 50, Deduct	.....	-0.98	
		For >50 To 100, Deduct	.....	-2.19	
		For >100 To 250, Deduct	.....	-4.38	
		For >250 To 500, Deduct	.....	-7.55	
		For >500, Deduct	.....	-10.72	
06 05 23 00-0136	EA	3/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	.....	30.44	
		For >10 To 50, Deduct	.....	-1.03	
		For >50 To 100, Deduct	.....	-2.31	
		For >100 To 250, Deduct	.....	-4.61	
		For >250 To 500, Deduct	.....	-7.95	
		For >500, Deduct	.....	-11.29	
06 05 23 00-0137	EA	3/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	.....	35.56	
		For >10 To 50, Deduct	.....	-1.19	
		For >50 To 100, Deduct	.....	-2.68	
		For >100 To 250, Deduct	.....	-5.36	
		For >250 To 500, Deduct	.....	-9.23	
		For >500, Deduct	.....	-13.10	
06 05 23 00-0138	EA	3/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	.....	38.52	
		For >10 To 50, Deduct	.....	-1.25	
		For >50 To 100, Deduct	.....	-2.83	
		For >100 To 250, Deduct	.....	-5.67	
		For >250 To 500, Deduct	.....	-9.75	
		For >500, Deduct	.....	-13.83	
06 05 23 00-0139	EA	3/4" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	.....	44.16	
		For >10 To 50, Deduct	.....	-1.36	
		For >50 To 100, Deduct	.....	-3.14	
		For >100 To 250, Deduct	.....	-6.27	
		For >250 To 500, Deduct	.....	-10.77	
		For >500, Deduct	.....	-15.26	
06 05 23 00-0140	EA	3/4" Diameter x 12" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	.....	47.22	
		For >10 To 50, Deduct	.....	-1.41	
		For >50 To 100, Deduct	.....	-3.30	
		For >100 To 250, Deduct	.....	-6.59	
		For >250 To 500, Deduct	.....	-11.30	
		For >500, Deduct	.....	-16.00	
06 05 23 00-0141		304/18-8 Stainless Steel, Carriage Bolts (06 05 23 00-0094)			
06 05 23 00-0142	EA	1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Carriage Bolt	.....	16.03	
		For >10 To 50, Deduct	.....	-0.71	
		For >50 To 100, Deduct	.....	-1.46	
		For >100 To 250, Deduct	.....	-2.92	
		For >250 To 500, Deduct	.....	-5.08	
		For >500, Deduct	.....	-7.24	
06 05 23 00-0143	EA	1/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt	.....	18.15	
		For >10 To 50, Deduct	.....	-0.71	
		For >50 To 100, Deduct	.....	-1.51	
		For >100 To 250, Deduct	.....	-3.02	
		For >250 To 500, Deduct	.....	-5.24	
		For >500, Deduct	.....	-7.46	
06 05 23 00-0144	EA	1/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt	.....	19.53	
		For >10 To 50, Deduct	.....	-0.71	
		For >50 To 100, Deduct	.....	-1.55	
		For >100 To 250, Deduct	.....	-3.09	
		For >250 To 500, Deduct	.....	-5.34	
		For >500, Deduct	.....	-7.59	
06 05 23 00-0145	EA	1/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt	.....	36.61	
		For >10 To 50, Deduct	.....	-0.81	
		For >50 To 100, Deduct	.....	-2.14	
		For >100 To 250, Deduct	.....	-4.27	
		For >250 To 500, Deduct	.....	-7.22	
		For >500, Deduct	.....	-10.17	
06 05 23 00-0146	EA	3/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Carriage Bolt	.....	19.07	
		For >10 To 50, Deduct	.....	-0.76	
		For >50 To 100, Deduct	.....	-1.62	
		For >100 To 250, Deduct	.....	-3.23	
		For >250 To 500, Deduct	.....	-5.60	
		For >500, Deduct	.....	-7.98	

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 00-0147	EA	3/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt	23.23	
		For >10 To 50, Deduct	-0.81	
		For >50 To 100, Deduct	-1.80	
		For >100 To 250, Deduct	-3.60	
		For >250 To 500, Deduct	-6.22	
		For >500, Deduct	-8.83	
06 05 23 00-0148	EA	3/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt	23.89	
		For >10 To 50, Deduct	-0.81	
		For >50 To 100, Deduct	-1.82	
		For >100 To 250, Deduct	-3.64	
		For >250 To 500, Deduct	-6.27	
		For >500, Deduct	-8.90	
06 05 23 00-0149	EA	3/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt	49.22	
		For >10 To 50, Deduct	-0.98	
		For >50 To 100, Deduct	-2.69	
		For >100 To 250, Deduct	-5.39	
		For >250 To 500, Deduct	-9.06	
		For >500, Deduct	-12.73	
06 05 23 00-0150	EA	3/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Carriage Bolt	61.32	
		For >10 To 50, Deduct	-1.03	
		For >50 To 100, Deduct	-3.08	
		For >100 To 250, Deduct	-6.16	
		For >250 To 500, Deduct	-10.27	
		For >500, Deduct	-14.38	
06 05 23 00-0151	EA	3/8" Diameter x 12" Length, 304/18-8 Stainless Steel, Carriage Bolt	68.84	
		For >10 To 50, Deduct	-1.14	
		For >50 To 100, Deduct	-3.43	
		For >100 To 250, Deduct	-6.86	
		For >250 To 500, Deduct	-11.42	
		For >500, Deduct	-15.99	
06 05 23 00-0152	EA	1/2" Diameter x 2" Length, 304/18-8 Stainless Steel, Carriage Bolt	25.70	
		For >10 To 50, Deduct	-0.81	
		For >50 To 100, Deduct	-1.86	
		For >100 To 250, Deduct	-3.73	
		For >250 To 500, Deduct	-6.40	
		For >500, Deduct	-9.08	
06 05 23 00-0153	EA	1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt	29.74	
		For >10 To 50, Deduct	-0.87	
		For >50 To 100, Deduct	-2.05	
		For >100 To 250, Deduct	-4.09	
		For >250 To 500, Deduct	-7.00	
		For >500, Deduct	-9.92	
06 05 23 00-0154	EA	1/2" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt	37.24	
		For >10 To 50, Deduct	-0.92	
		For >50 To 100, Deduct	-2.31	
		For >100 To 250, Deduct	-4.63	
		For >250 To 500, Deduct	-7.86	
		For >500, Deduct	-11.10	
06 05 23 00-0155	EA	1/2" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt	63.27	
		For >10 To 50, Deduct	-1.03	
		For >50 To 100, Deduct	-3.13	
		For >100 To 250, Deduct	-6.26	
		For >250 To 500, Deduct	-10.41	
		For >500, Deduct	-14.57	
06 05 23 00-0156	EA	1/2" Diameter x 10" Length, 304/18-8 Stainless Steel, Carriage Bolt	71.19	
		For >10 To 50, Deduct	-1.19	
		For >50 To 100, Deduct	-3.57	
		For >100 To 250, Deduct	-7.14	
		For >250 To 500, Deduct	-11.90	
		For >500, Deduct	-16.66	
06 05 23 00-0157	EA	1/2" Diameter x 12" Length, 304/18-8 Stainless Steel, Carriage Bolt	117.09	
		For >10 To 50, Deduct	-1.30	
		For >50 To 100, Deduct	-4.88	
		For >100 To 250, Deduct	-9.76	
		For >250 To 500, Deduct	-15.94	
		For >500, Deduct	-22.12	
06 05 23 00-0158	EA	3/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt	90.75	
		For >10 To 50, Deduct	-1.03	
		For >50 To 100, Deduct	-3.81	
		For >100 To 250, Deduct	-7.63	
		For >250 To 500, Deduct	-12.47	
		For >500, Deduct	-17.32	
06 05 23 00-0159	EA	3/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt	130.98	
		For >10 To 50, Deduct	-1.19	
		For >50 To 100, Deduct	-5.06	
		For >100 To 250, Deduct	-10.13	
		For >250 To 500, Deduct	-16.39	
		For >500, Deduct	-22.64	
06 05 23 00-0160	EA	3/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt	145.84	
		For >10 To 50, Deduct	-1.25	
		For >50 To 100, Deduct	-5.52	
		For >100 To 250, Deduct	-11.03	
		For >250 To 500, Deduct	-17.80	
		For >500, Deduct	-24.56	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0161	EA	3/4"	Diameter x 10" Length, 304/18-8 Stainless Steel, Carriage Bolt For >10 To 50, Deduct For >50 To 100, Deduct For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	219.78 -1.36 -7.53 -15.06 -23.94 -32.82	
06 05 23 00-0162	EA	3/4"	Diameter x 12" Length, 304/18-8 Stainless Steel, Carriage Bolt For >10 To 50, Deduct For >50 To 100, Deduct For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	231.34 -1.41 -7.90 -15.80 -25.11 -34.41	
06 05 23 00-0163			316 Stainless Steel, Carriage Bolts (06 05 23 00-0094)		
06 05 23 00-0164	EA	1/4"	Diameter x 2" Length, 316 Stainless Steel, Carriage Bolt..... For >10 To 50, Deduct For >50 To 100, Deduct For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	25.81 -0.71 -1.70 -3.41 -5.81 -8.22	
06 05 23 00-0165	EA	1/4"	Diameter x 4" Length, 316 Stainless Steel, Carriage Bolt..... For >10 To 50, Deduct For >50 To 100, Deduct For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	29.52 -0.71 -1.80 -3.59 -6.09 -8.59	
06 05 23 00-0166	EA	3/8"	Diameter x 2" Length, 316 Stainless Steel, Carriage Bolt..... For >10 To 50, Deduct For >50 To 100, Deduct For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	31.86 -0.76 -1.94 -3.87 -6.56 -9.26	
06 05 23 00-0167	EA	3/8"	Diameter x 4" Length, 316 Stainless Steel, Carriage Bolt..... For >10 To 50, Deduct For >50 To 100, Deduct For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	38.11 -0.81 -2.17 -4.35 -7.33 -10.32	
06 05 23 00-0168	EA	1/2"	Diameter x 2" Length, 316 Stainless Steel, Carriage Bolt..... For >10 To 50, Deduct For >50 To 100, Deduct For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	54.63 -0.81 -2.59 -5.17 -8.57 -11.97	
06 05 23 00-0169	EA	1/2"	Diameter x 4" Length, 316 Stainless Steel, Carriage Bolt..... For >10 To 50, Deduct For >50 To 100, Deduct For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	59.73 -0.87 -2.80 -5.59 -9.25 -12.92	
06 05 23 00-0170	EA	1/2"	Diameter x 6" Length, 316 Stainless Steel, Carriage Bolt..... For >10 To 50, Deduct For >50 To 100, Deduct For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	64.49 -0.92 -2.99 -5.99 -9.91 -13.82	
06 05 23 00-0171			Hex Lag Bolts (06 05 23 00-0093) Note: Includes drilling of holes in any material.		
06 05 23 00-0172			Zinc Plated Steel, Hex Lag Bolts (06 05 23 00-0171)		
06 05 23 00-0173	EA	1/4"	Diameter x 2" Length, Zinc Plated Steel, Hex Lag Bolt For >10 To 50, Deduct For >50 To 100, Deduct For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	13.83 -0.68 -1.36 -2.73 -4.77 -6.81	
06 05 23 00-0174	EA	1/4"	Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt For >10 To 50, Deduct For >50 To 100, Deduct For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	14.00 -0.68 -1.37 -2.73 -4.78 -6.82	
06 05 23 00-0175	EA	1/4"	Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt For >10 To 50, Deduct For >50 To 100, Deduct For >100 To 250, Deduct For >250 To 500, Deduct For >500, Deduct	14.34 -0.68 -1.38 -2.75 -4.80 -6.86	

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 00-0176 EA 3/8" Diameter x 2" Length, Zinc Plated Steel, Hex Lag Bolt.....	15.29	
For>10 To 50, Deduct	-0.74	
For>50 To 100, Deduct	-1.49	
For>100 To 250, Deduct	-2.98	
For>250 To 500, Deduct	-5.21	
For>500, Deduct	-7.44	
06 05 23 00-0177 EA 3/8" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt.....	16.67	
For>10 To 50, Deduct	-0.79	
For>50 To 100, Deduct	-1.60	
For>100 To 250, Deduct	-3.21	
For>250 To 500, Deduct	-5.60	
For>500, Deduct	-8.00	
06 05 23 00-0178 EA 3/8" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt.....	17.05	
For>10 To 50, Deduct	-0.79	
For>50 To 100, Deduct	-1.61	
For>100 To 250, Deduct	-3.23	
For>250 To 500, Deduct	-5.63	
For>500, Deduct	-8.04	
06 05 23 00-0179 EA 3/8" Diameter x 8" Length, Zinc Plated Steel, Hex Lag Bolt.....	20.99	
For>10 To 50, Deduct	-0.95	
For>50 To 100, Deduct	-1.95	
For>100 To 250, Deduct	-3.90	
For>250 To 500, Deduct	-6.80	
For>500, Deduct	-9.70	
06 05 23 00-0180 EA 3/8" Diameter x 10" Length, Zinc Plated Steel, Hex Lag Bolt.....	22.26	
For>10 To 50, Deduct	-1.00	
For>50 To 100, Deduct	-2.06	
For>100 To 250, Deduct	-4.12	
For>250 To 500, Deduct	-7.18	
For>500, Deduct	-10.25	
06 05 23 00-0181 EA 1/2" Diameter x 2" Length, Zinc Plated Steel, Hex Lag Bolt.....	17.04	
For>10 To 50, Deduct	-0.80	
For>50 To 100, Deduct	-1.62	
For>100 To 250, Deduct	-3.24	
For>250 To 500, Deduct	-5.66	
For>500, Deduct	-8.08	
06 05 23 00-0182 EA 1/2" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt.....	18.64	
For>10 To 50, Deduct	-0.85	
For>50 To 100, Deduct	-1.74	
For>100 To 250, Deduct	-3.48	
For>250 To 500, Deduct	-6.08	
For>500, Deduct	-8.67	
06 05 23 00-0183 EA 1/2" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt.....	20.41	
For>10 To 50, Deduct	-0.90	
For>50 To 100, Deduct	-1.87	
For>100 To 250, Deduct	-3.73	
For>250 To 500, Deduct	-6.50	
For>500, Deduct	-9.27	
06 05 23 00-0184 EA 1/2" Diameter x 8" Length, Zinc Plated Steel, Hex Lag Bolt.....	23.34	
For>10 To 50, Deduct	-1.01	
For>50 To 100, Deduct	-2.10	
For>100 To 250, Deduct	-4.20	
For>250 To 500, Deduct	-7.31	
For>500, Deduct	-10.41	
06 05 23 00-0185 EA 1/2" Diameter x 10" Length, Zinc Plated Steel, Hex Lag Bolt.....	27.63	
For>10 To 50, Deduct	-1.17	
For>50 To 100, Deduct	-2.45	
For>100 To 250, Deduct	-4.89	
For>250 To 500, Deduct	-8.51	
For>500, Deduct	-12.12	
06 05 23 00-0186 EA 1/2" Diameter x 12" Length, Zinc Plated Steel, Hex Lag Bolt.....	30.15	
For>10 To 50, Deduct	-1.28	
For>50 To 100, Deduct	-2.67	
For>100 To 250, Deduct	-5.34	
For>250 To 500, Deduct	-9.28	
For>500, Deduct	-13.22	
06 05 23 00-0187 EA 3/4" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt.....	25.63	
For>10 To 50, Deduct	-1.01	
For>50 To 100, Deduct	-2.16	
For>100 To 250, Deduct	-4.31	
For>250 To 500, Deduct	-7.48	
For>500, Deduct	-10.64	
06 05 23 00-0188 EA 3/4" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt.....	30.80	
For>10 To 50, Deduct	-1.17	
For>50 To 100, Deduct	-2.53	
For>100 To 250, Deduct	-5.05	
For>250 To 500, Deduct	-8.75	
For>500, Deduct	-12.44	
06 05 23 00-0189 EA 3/4" Diameter x 8" Length, Zinc Plated Steel, Hex Lag Bolt.....	34.46	
For>10 To 50, Deduct	-1.22	
For>50 To 100, Deduct	-2.70	
For>100 To 250, Deduct	-5.39	
For>250 To 500, Deduct	-9.31	
For>500, Deduct	-13.23	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0190	EA	3/4"	Diameter x 10" Length, Zinc Plated Steel, Hex Lag Bolt.....	38.98	
			For >10 To 50, Deduct	-1.33	
			For >50 To 100, Deduct	-2.97	
			For >100 To 250, Deduct	-5.94	
			For >250 To 500, Deduct	-10.23	
			For >500, Deduct	-14.53	
06 05 23 00-0191	EA	3/4"	Diameter x 12" Length, Zinc Plated Steel, Hex Lag Bolt.....	44.23	
			For >10 To 50, Deduct	-1.38	
			For >50 To 100, Deduct	-3.18	
			For >100 To 250, Deduct	-6.36	
			For >250 To 500, Deduct	-10.92	
			For >500, Deduct	-15.48	
06 05 23 00-0192 Hot Dipped Galvanized Steel, Hex Lag Bolts (06 05 23 00-0171)					
06 05 23 00-0193	EA	1/4"	Diameter x 2" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	13.91	
			For >10 To 50, Deduct	-0.68	
			For >50 To 100, Deduct	-1.36	
			For >100 To 250, Deduct	-2.73	
			For >250 To 500, Deduct	-4.77	
			For >500, Deduct	-6.82	
06 05 23 00-0194	EA	1/4"	Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	14.17	
			For >10 To 50, Deduct	-0.68	
			For >50 To 100, Deduct	-1.37	
			For >100 To 250, Deduct	-2.74	
			For >250 To 500, Deduct	-4.79	
			For >500, Deduct	-6.84	
06 05 23 00-0195	EA	1/4"	Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	14.44	
			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	-4.81	
			For >500, Deduct	-6.87	
06 05 23 00-0196	EA	3/8"	Diameter x 2" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	15.44	
			For >10 To 50, Deduct	-0.74	
			For >50 To 100, Deduct	-1.49	
			For >100 To 250, Deduct	-2.99	
			For >250 To 500, Deduct	-5.22	
			For >500, Deduct	-7.46	
06 05 23 00-0197	EA	3/8"	Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	16.90	
			For >10 To 50, Deduct	-0.79	
			For >50 To 100, Deduct	-1.61	
			For >100 To 250, Deduct	-3.22	
			For >250 To 500, Deduct	-5.62	
			For >500, Deduct	-8.02	
06 05 23 00-0198	EA	3/8"	Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	17.32	
			For >10 To 50, Deduct	-0.79	
			For >50 To 100, Deduct	-1.62	
			For >100 To 250, Deduct	-3.24	
			For >250 To 500, Deduct	-5.65	
			For >500, Deduct	-8.06	
06 05 23 00-0199	EA	3/8"	Diameter x 8" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	21.50	
			For >10 To 50, Deduct	-0.95	
			For >50 To 100, Deduct	-1.96	
			For >100 To 250, Deduct	-3.93	
			For >250 To 500, Deduct	-6.84	
			For >500, Deduct	-9.75	
06 05 23 00-0200	EA	3/8"	Diameter x 10" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	23.12	
			For >10 To 50, Deduct	-1.00	
			For >50 To 100, Deduct	-2.08	
			For >100 To 250, Deduct	-4.16	
			For >250 To 500, Deduct	-7.25	
			For >500, Deduct	-10.33	
06 05 23 00-0201	EA	1/2"	Diameter x 2" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	17.42	
			For >10 To 50, Deduct	-0.80	
			For >50 To 100, Deduct	-1.63	
			For >100 To 250, Deduct	-3.26	
			For >250 To 500, Deduct	-5.69	
			For >500, Deduct	-8.12	
06 05 23 00-0202	EA	1/2"	Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	18.86	
			For >10 To 50, Deduct	-0.85	
			For >50 To 100, Deduct	-1.75	
			For >100 To 250, Deduct	-3.49	
			For >250 To 500, Deduct	-6.09	
			For >500, Deduct	-8.69	
06 05 23 00-0203	EA	1/2"	Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	20.79	
			For >10 To 50, Deduct	-0.90	
			For >50 To 100, Deduct	-1.88	
			For >100 To 250, Deduct	-3.75	
			For >250 To 500, Deduct	-6.53	
			For >500, Deduct	-9.31	

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 00-0204	EA	1/2" Diameter x 8" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	24.50	
		For >10 To 50, Deduct	-1.01	
		For >50 To 100, Deduct	-2.13	
		For >100 To 250, Deduct	-4.26	
		For >250 To 500, Deduct	-7.39	
		For >500, Deduct	-10.53	
06 05 23 00-0205	EA	1/2" Diameter x 10" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	28.19	
		For >10 To 50, Deduct	-1.17	
		For >50 To 100, Deduct	-2.46	
		For >100 To 250, Deduct	-4.92	
		For >250 To 500, Deduct	-8.55	
		For >500, Deduct	-12.18	
06 05 23 00-0206	EA	1/2" Diameter x 12" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	31.53	
		For >10 To 50, Deduct	-1.28	
		For >50 To 100, Deduct	-2.70	
		For >100 To 250, Deduct	-5.40	
		For >250 To 500, Deduct	-9.38	
		For >500, Deduct	-13.36	
06 05 23 00-0207	EA	3/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	26.49	
		For >10 To 50, Deduct	-1.01	
		For >50 To 100, Deduct	-2.18	
		For >100 To 250, Deduct	-4.35	
		For >250 To 500, Deduct	-7.54	
		For >500, Deduct	-10.73	
06 05 23 00-0208	EA	3/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	31.58	
		For >10 To 50, Deduct	-1.17	
		For >50 To 100, Deduct	-2.54	
		For >100 To 250, Deduct	-5.09	
		For >250 To 500, Deduct	-8.80	
		For >500, Deduct	-12.52	
06 05 23 00-0209	EA	3/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	35.76	
		For >10 To 50, Deduct	-1.22	
		For >50 To 100, Deduct	-2.73	
		For >100 To 250, Deduct	-5.46	
		For >250 To 500, Deduct	-9.41	
		For >500, Deduct	-13.36	
06 05 23 00-0210	EA	3/4" Diameter x 10" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	42.04	
		For >10 To 50, Deduct	-1.33	
		For >50 To 100, Deduct	-3.04	
		For >100 To 250, Deduct	-6.09	
		For >250 To 500, Deduct	-10.46	
		For >500, Deduct	-14.84	
06 05 23 00-0211	EA	3/4" Diameter x 12" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	47.52	
		For >10 To 50, Deduct	-1.38	
		For >50 To 100, Deduct	-3.26	
		For >100 To 250, Deduct	-6.52	
		For >250 To 500, Deduct	-11.17	
		For >500, Deduct	-15.81	
06 05 23 00-0212		304/18-8 Stainless Steel, Hex Lag Bolts (06 05 23 00-0171)		
06 05 23 00-0213	EA	1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	14.89	
		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	-6.91	
06 05 23 00-0214	EA	1/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	15.88	
		For >10 To 50, Deduct	-0.68	
		For >50 To 100, Deduct	-1.41	
		For >100 To 250, Deduct	-2.83	
		For >250 To 500, Deduct	-4.92	
		For >500, Deduct	-7.01	
06 05 23 00-0215	EA	1/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	18.58	
		For >10 To 50, Deduct	-0.68	
		For >50 To 100, Deduct	-1.48	
		For >100 To 250, Deduct	-2.96	
		For >250 To 500, Deduct	-5.12	
		For >500, Deduct	-7.28	
06 05 23 00-0216	EA	3/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	18.18	
		For >10 To 50, Deduct	-0.74	
		For >50 To 100, Deduct	-1.56	
		For >100 To 250, Deduct	-3.13	
		For >250 To 500, Deduct	-5.43	
		For >500, Deduct	-7.73	
06 05 23 00-0217	EA	3/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	20.73	
		For >10 To 50, Deduct	-0.79	
		For >50 To 100, Deduct	-1.71	
		For >100 To 250, Deduct	-3.41	
		For >250 To 500, Deduct	-5.91	
		For >500, Deduct	-8.41	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0218	EA	3/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	22.45	
		For >10 To 50, Deduct	-0.79	
		For >50 To 100, Deduct	-1.75	
		For >100 To 250, Deduct	-3.50	
		For >250 To 500, Deduct	-6.04	
		For >500, Deduct	-8.58	
06 05 23 00-0219	EA	3/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	49.61	
		For >10 To 50, Deduct	-0.95	
		For >50 To 100, Deduct	-2.67	
		For >100 To 250, Deduct	-5.33	
		For >250 To 500, Deduct	-8.95	
		For >500, Deduct	-12.56	
06 05 23 00-0220	EA	3/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	71.66	
		For >10 To 50, Deduct	-1.00	
		For >50 To 100, Deduct	-3.30	
		For >100 To 250, Deduct	-6.59	
		For >250 To 500, Deduct	-10.89	
		For >500, Deduct	-15.19	
06 05 23 00-0221	EA	1/2" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	22.63	
		For >10 To 50, Deduct	-0.80	
		For >50 To 100, Deduct	-1.76	
		For >100 To 250, Deduct	-3.52	
		For >250 To 500, Deduct	-6.08	
		For >500, Deduct	-8.64	
06 05 23 00-0222	EA	1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	27.28	
		For >10 To 50, Deduct	-0.85	
		For >50 To 100, Deduct	-1.96	
		For >100 To 250, Deduct	-3.92	
		For >250 To 500, Deduct	-6.72	
		For >500, Deduct	-9.53	
06 05 23 00-0223	EA	1/2" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	34.56	
		For >10 To 50, Deduct	-0.90	
		For >50 To 100, Deduct	-2.22	
		For >100 To 250, Deduct	-4.44	
		For >250 To 500, Deduct	-7.56	
		For >500, Deduct	-10.68	
06 05 23 00-0224	EA	1/2" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	76.67	
		For >10 To 50, Deduct	-1.01	
		For >50 To 100, Deduct	-3.43	
		For >100 To 250, Deduct	-6.86	
		For >250 To 500, Deduct	-11.31	
		For >500, Deduct	-15.75	
06 05 23 00-0225	EA	1/2" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	105.58	
		For >10 To 50, Deduct	-1.17	
		For >50 To 100, Deduct	-4.39	
		For >100 To 250, Deduct	-8.79	
		For >250 To 500, Deduct	-14.35	
		For >500, Deduct	-19.92	
06 05 23 00-0226	EA	1/2" Diameter x 12" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	123.85	
		For >10 To 50, Deduct	-1.28	
		For >50 To 100, Deduct	-5.01	
		For >100 To 250, Deduct	-10.02	
		For >250 To 500, Deduct	-16.31	
		For >500, Deduct	-22.59	
06 05 23 00-0227	EA	3/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	115.91	
		For >10 To 50, Deduct	-1.01	
		For >50 To 100, Deduct	-4.41	
		For >100 To 250, Deduct	-8.83	
		For >250 To 500, Deduct	-14.25	
		For >500, Deduct	-19.67	
06 05 23 00-0228	EA	3/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	132.41	
		For >10 To 50, Deduct	-1.17	
		For >50 To 100, Deduct	-5.07	
		For >100 To 250, Deduct	-10.13	
		For >250 To 500, Deduct	-16.37	
		For >500, Deduct	-22.60	
06 05 23 00-0229	EA	3/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	137.74	
		For >10 To 50, Deduct	-1.22	
		For >50 To 100, Deduct	-5.28	
		For >100 To 250, Deduct	-10.55	
		For >250 To 500, Deduct	-17.05	
		For >500, Deduct	-23.55	
06 05 23 00-0230	EA	3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	193.00	
		For >10 To 50, Deduct	-1.33	
		For >50 To 100, Deduct	-6.82	
		For >100 To 250, Deduct	-13.64	
		For >250 To 500, Deduct	-21.78	
		For >500, Deduct	-29.93	
06 05 23 00-0231	EA	3/4" Diameter x 12" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	211.00	
		For >10 To 50, Deduct	-1.38	
		For >50 To 100, Deduct	-7.35	
		For >100 To 250, Deduct	-14.70	
		For >250 To 500, Deduct	-23.43	
		For >500, Deduct	-32.16	

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 DEMOLITION
UNIT COST UNIT COST

06 05 23 00-0232		Stainless Steel Screws (06 05 23 00-0093)	
06 05 23 00-0233	EA	#8 x 1-1/2" Stainless Steel Screw	2.15
06 05 23 00-0234	EA	#9 x 1-1/2" Stainless Steel Screw	2.19
06 05 23 00-0235	EA	#10 x 1-1/2" Stainless Steel Screw	2.25
06 05 23 00-0236	EA	#12 x 1-1/2" Stainless Steel Screw	2.43
06 05 23 00-0237		Galvanized Steel Screws (06 05 23 00-0093)	
06 05 23 00-0238	EA	#8 x 1-1/2" Galvanized Steel Screw	1.98
06 05 23 00-0239	EA	#9 x 1-1/2" Galvanized Steel Screw	2.03
06 05 23 00-0240	EA	#10 x 1-1/2" Galvanized Steel Screw	2.07
06 05 23 00-0241	EA	#12 x 1-1/2" Galvanized Steel Screw	2.22
06 05 23 00-0242	EA	#8 x 2-1/2" Galvanized Steel Screw	2.02
06 05 23 00-0243	EA	#9 x 2-1/2" Galvanized Steel Screw	2.06
06 05 23 00-0244	EA	#10 x 2-1/2" Galvanized Steel Screw	2.11
06 05 23 00-0245	EA	#12 x 2-1/2" Galvanized Steel Screw	2.30
06 05 23 00-0246		Timber Bolts (06 05 23 00-0093)	
Note: Includes drilling of holes in any material.			
06 05 23 00-0247	EA	5/8" - 11 x 4" Threaded x 8" OAL A153 Galvanized Timber Bolt (Fastenal #11103914)	37.84
		For>10 To 50, Deduct	-1.12
		For>50 To 100, Deduct	-2.63
		For>100 To 250, Deduct	-5.27
		For>250 To 500, Deduct	-9.02
		For>500, Deduct	-12.78
06 05 23 00-0248	EA	5/8" - 11 x 4" Threaded x 10" OAL A153 Galvanized Timber Bolt (Fastenal #11103915)	42.84
		For>10 To 50, Deduct	-1.26
		For>50 To 100, Deduct	-2.96
		For>100 To 250, Deduct	-5.92
		For>250 To 500, Deduct	-10.14
		For>500, Deduct	-14.36
06 05 23 00-0249	EA	5/8" - 11 x 6" Threaded x 12" OAL A153 Galvanized Timber Bolt (Fastenal #11103916)	46.38
		For>10 To 50, Deduct	-1.34
		For>50 To 100, Deduct	-3.17
		For>100 To 250, Deduct	-6.34
		For>250 To 500, Deduct	-10.85
		For>500, Deduct	-15.36
06 05 23 00-0250	EA	5/8" - 11 x 6" Threaded x 14" OAL A153 Galvanized Timber Bolt (Fastenal #11103917)	52.16
		For>10 To 50, Deduct	-1.42
		For>50 To 100, Deduct	-3.43
		For>100 To 250, Deduct	-6.86
		For>250 To 500, Deduct	-11.71
		For>500, Deduct	-16.56
06 05 23 00-0251	EA	5/8" - 11 x 6" Threaded x 16" OAL A153 Galvanized Timber Bolt (Fastenal #11103918)	55.60
		For>10 To 50, Deduct	-1.49
		For>50 To 100, Deduct	-3.63
		For>100 To 250, Deduct	-7.26
		For>250 To 500, Deduct	-12.39
		For>500, Deduct	-17.51
06 05 23 00-0252	EA	5/8" - 11 x 6" Threaded x 18" OAL A153 Galvanized Timber Bolt (Fastenal #11103919)	57.68
		For>10 To 50, Deduct	-1.56
		For>50 To 100, Deduct	-3.78
		For>100 To 250, Deduct	-7.56
		For>250 To 500, Deduct	-12.90
		For>500, Deduct	-18.24
06 05 23 00-0253	EA	3/4" - 11 x 4" Threaded x 10" OAL A153 Galvanized Timber Bolt (Fastenal #11103920)	52.09
		For>10 To 50, Deduct	-1.34
		For>50 To 100, Deduct	-3.31
		For>100 To 250, Deduct	-6.63
		For>250 To 500, Deduct	-11.28
		For>500, Deduct	-15.93
06 05 23 00-0254	EA	3/4" - 11 x 6" Threaded x 12" OAL A153 Galvanized Timber Bolt (Fastenal #11103921)	54.54
		For>10 To 50, Deduct	-1.40
		For>50 To 100, Deduct	-3.46
		For>100 To 250, Deduct	-6.91
		For>250 To 500, Deduct	-11.77
		For>500, Deduct	-16.62
06 05 23 00-0255	EA	3/4" - 11 x 6" Threaded x 14" OAL A153 Galvanized Timber Bolt (Fastenal #11103922)	60.83
		For>10 To 50, Deduct	-1.48
		For>50 To 100, Deduct	-3.74
		For>100 To 250, Deduct	-7.48
		For>250 To 500, Deduct	-12.69
		For>500, Deduct	-17.91
06 05 23 00-0256	EA	3/4" - 11 x 6" Threaded x 16" OAL A153 Galvanized Timber Bolt (Fastenal #11103923)	65.50
		For>10 To 50, Deduct	-1.55
		For>50 To 100, Deduct	-3.97
		For>100 To 250, Deduct	-7.94
		For>250 To 500, Deduct	-13.46
		For>500, Deduct	-18.99



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0257	EA		3/4" - 11 x 6" Threaded x 18" OAL A153 Galvanized Timber Bolt (Fastenal #11103924)	70.61	
			For >10 To 50, Deduct	-1.63	
			For >50 To 100, Deduct	-4.21	
			For >100 To 250, Deduct	-8.42	
			For >250 To 500, Deduct	-14.26	
			For >500, Deduct	-20.11	
06 05 23 00-0258			Supports (06 05 23)		
06 05 23 00-0259			Shear Plates (06 05 23 00-0258)		
06 05 23 00-0260	EA		2-5/8" Diameter, Shear Plate	16.15	4.02
			For >10 To 50, Deduct	-0.45	
			For >50 To 100, Deduct	-1.08	
			For >100 To 250, Deduct	-2.16	
			For >250 To 500, Deduct	-3.70	
			For >500, Deduct	-5.23	
06 05 23 00-0261	EA		4" Diameter, Shear Plate	15.39	4.23
			For >10 To 50, Deduct	-0.47	
			For >50 To 100, Deduct	-1.09	
			For >100 To 250, Deduct	-2.18	
			For >250 To 500, Deduct	-3.75	
			For >500, Deduct	-5.31	
06 05 23 00-0262			Sill Anchors (06 05 23 00-0258)		
06 05 23 00-0263	EA		Sill Anchor Embedded In Concrete	13.46	4.23
			For >10 To 50, Deduct	-0.47	
			For >50 To 100, Deduct	-1.04	
			For >100 To 250, Deduct	-2.09	
			For >250 To 500, Deduct	-3.60	
			For >500, Deduct	-5.12	
06 05 23 00-0264			Spike Grids (06 05 23 00-0258)		
06 05 23 00-0265	EA		3" x 6" Flat Or Curved Spike Grid	11.87	4.02
			For >10 To 50, Deduct	-0.45	
			For >50 To 100, Deduct	-0.97	
			For >100 To 250, Deduct	-1.95	
			For >250 To 500, Deduct	-3.38	
			For >500, Deduct	-4.80	
06 05 23 00-0266			Split Rings (06 05 23 00-0258)		
06 05 23 00-0267	EA		2-1/2" Diameter Split Ring	16.39	4.02
			For >10 To 50, Deduct	-0.45	
			For >50 To 100, Deduct	-1.09	
			For >100 To 250, Deduct	-2.18	
			For >250 To 500, Deduct	-3.72	
			For >500, Deduct	-5.26	
06 05 23 00-0268	EA		4" Diameter Split Ring	17.60	4.45
			For >10 To 50, Deduct	-0.49	
			For >50 To 100, Deduct	-1.18	
			For >100 To 250, Deduct	-2.36	
			For >250 To 500, Deduct	-4.03	
			For >500, Deduct	-5.70	
06 05 23 00-0269			Toothed Rings (06 05 23 00-0258)		
06 05 23 00-0270	EA		2-5/8" Or 4" Toothed Ring	12.72	4.02
			For >10 To 50, Deduct	-0.45	
			For >50 To 100, Deduct	-1.00	
			For >100 To 250, Deduct	-1.99	
			For >250 To 500, Deduct	-3.44	
			For >500, Deduct	-4.89	
06 05 23 00-0271			Straps And Shields (06 05 23)		
06 05 23 00-0272			Shield Plate (06 05 23 00-0271)		
06 05 23 00-0273	EA		5" Wide x 8" Long, 16 Gauge, Galvanized Shield Plate (Simpson Strong Tie® PSPN58Z)	8.60	
			For >10 To 50, Deduct	-0.07	
			For >50 To 100, Deduct	-0.28	
			For >100 To 250, Deduct	-0.57	
			For >250 To 500, Deduct	-0.98	
			For >500, Deduct	-1.48	
06 05 23 00-0274	EA		5" Wide x 16" Long, 16 Gauge, Galvanized Shield Plate (Simpson Strong Tie® PSPN516Z)	13.75	
			For >10 To 50, Deduct	-0.08	
			For >50 To 100, Deduct	-0.43	
			For >100 To 250, Deduct	-0.85	
			For >250 To 500, Deduct	-1.44	
			For >500, Deduct	-2.12	

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 00-0275			Strap Ties (06 05 23 00-0271)		
06 05 23 00-0276	EA	1-1/4" Wide x 9" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA9)	3.24		
		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	-0.51		
		For >500, Deduct	-0.82		
06 05 23 00-0277	EA	1-1/4" Wide x 12" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA12)	3.33		
		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	-0.52		
		For >500, Deduct	-0.83		
06 05 23 00-0278	EA	1-1/4" Wide x 15" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA15)	4.26		
		For >10 To 50, Deduct	-0.07		
		For >50 To 100, Deduct	-0.17		
		For >100 To 250, Deduct	-0.35		
		For >250 To 500, Deduct	-0.66		
		For >500, Deduct	-1.05		
06 05 23 00-0279	EA	1-1/4" Wide x 18" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA18)	4.43		
		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	-0.67		
		For >500, Deduct	-1.07		
06 05 23 00-0280	EA	1-1/4" Wide x 21" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA21)	4.61		
		For >10 To 50, Deduct	-0.07		
		For >50 To 100, Deduct	-0.18		
		For >100 To 250, Deduct	-0.37		
		For >250 To 500, Deduct	-0.68		
		For >500, Deduct	-1.08		
06 05 23 00-0281	EA	1-1/4" Wide x 24" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA24)	5.29		
		For >10 To 50, Deduct	-0.08		
		For >50 To 100, Deduct	-0.21		
		For >100 To 250, Deduct	-0.43		
		For >250 To 500, Deduct	-0.80		
		For >500, Deduct	-1.28		
06 05 23 00-0282	EA	1-1/4" Wide x 30" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA30)	6.92		
		For >10 To 50, Deduct	-0.08		
		For >50 To 100, Deduct	-0.25		
		For >100 To 250, Deduct	-0.51		
		For >250 To 500, Deduct	-0.93		
		For >500, Deduct	-1.44		
06 05 23 00-0283	EA	1-1/4" Wide x 36" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA36)	8.03		
		For >10 To 50, Deduct	-0.10		
		For >50 To 100, Deduct	-0.30		
		For >100 To 250, Deduct	-0.59		
		For >250 To 500, Deduct	-1.08		
		For >500, Deduct	-1.68		
06 05 23 00-0284	EA	1-1/4" Wide x 9" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MST A9)	3.61		
		For >10 To 50, Deduct	-0.05		
		For >50 To 100, Deduct	-0.14		
		For >100 To 250, Deduct	-0.29		
		For >250 To 500, Deduct	-0.54		
		For >500, Deduct	-0.86		
06 05 23 00-0285	EA	1-1/4" Wide x 12" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MST A12)	3.74		
		For >10 To 50, Deduct	-0.05		
		For >50 To 100, Deduct	-0.15		
		For >100 To 250, Deduct	-0.30		
		For >250 To 500, Deduct	-0.55		
		For >500, Deduct	-0.87		
06 05 23 00-0286	EA	1-1/4" Wide x 15" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MST A15)	4.77		
		For >10 To 50, Deduct	-0.07		
		For >50 To 100, Deduct	-0.19		
		For >100 To 250, Deduct	-0.37		
		For >250 To 500, Deduct	-0.70		
		For >500, Deduct	-1.10		
06 05 23 00-0287	EA	1-1/4" Wide x 18" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MST A18)	4.99		
		For >10 To 50, Deduct	-0.07		
		For >50 To 100, Deduct	-0.19		
		For >100 To 250, Deduct	-0.39		
		For >250 To 500, Deduct	-0.71		
		For >500, Deduct	-1.12		
06 05 23 00-0288	EA	1-1/4" Wide x 21" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MST A21)	5.09		
		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	-0.72		
		For >500, Deduct	-1.13		
06 05 23 00-0289	EA	1-1/4" Wide x 24" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MST A24)	5.80		
		For >10 To 50, Deduct	-0.08		
		For >50 To 100, Deduct	-0.23		
		For >100 To 250, Deduct	-0.45		
		For >250 To 500, Deduct	-0.84		
		For >500, Deduct	-1.33		



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0290	EA	1-1/4" Wide x 30" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA30)	7.26		
		For >10 To 50, Deduct	-0.08		
		For >50 To 100, Deduct	-0.26		
		For >100 To 250, Deduct	-0.53		
		For >250 To 500, Deduct	-0.95		
		For >500, Deduct	-1.47		
06 05 23 00-0291	EA	1-1/4" Wide x 36" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA36)	8.04		
		For >10 To 50, Deduct	-0.10		
		For >50 To 100, Deduct	-0.30		
		For >100 To 250, Deduct	-0.59		
		For >250 To 500, Deduct	-1.08		
		For >500, Deduct	-1.68		
06 05 23 00-0292	EA	1-1/4" Wide x 36" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MSTA49)	12.79		
		For >10 To 50, Deduct	-0.11		
		For >50 To 100, Deduct	-0.43		
		For >100 To 250, Deduct	-0.86		
		For >250 To 500, Deduct	-1.50		
		For >500, Deduct	-2.28		
06 05 23 00-0293	EA	1-1/4" Wide x 9" Long, 16 Gauge, Galvanized Strap Tie (Simpson Strong Tie® ST9)	4.29		
		For >10 To 50, Deduct	-0.05		
		For >50 To 100, Deduct	-0.16		
		For >100 To 250, Deduct	-0.32		
		For >250 To 500, Deduct	-0.59		
		For >500, Deduct	-0.93		
06 05 23 00-0294	EA	1-1/4" Wide x 12" Long, 16 Gauge, Galvanized Strap Tie (Simpson Strong Tie® ST12)	4.30		
		For >10 To 50, Deduct	-0.05		
		For >50 To 100, Deduct	-0.16		
		For >100 To 250, Deduct	-0.32		
		For >250 To 500, Deduct	-0.59		
		For >500, Deduct	-0.93		
06 05 23 00-0295	EA	1-1/4" Wide x 18" Long, 16 Gauge, Galvanized Strap Tie (Simpson Strong Tie® ST18)	5.23		
		For >10 To 50, Deduct	-0.07		
		For >50 To 100, Deduct	-0.20		
		For >100 To 250, Deduct	-0.40		
		For >250 To 500, Deduct	-0.73		
		For >500, Deduct	-1.15		
06 05 23 00-0296	EA	1-1/4" Wide x 22" Long, 16 Gauge, Galvanized Strap Tie (Simpson Strong Tie® ST22)	7.26		
		For >10 To 50, Deduct	-0.08		
		For >50 To 100, Deduct	-0.26		
		For >100 To 250, Deduct	-0.53		
		For >250 To 500, Deduct	-0.95		
		For >500, Deduct	-1.47		
06 05 23 00-0297	EA	1-3/8" Wide x 6" Long, 12 Gauge, Galvanized Strap Tie (Simpson Strong Tie® HRS6)	6.23		
		For >10 To 50, Deduct	-0.05		
		For >50 To 100, Deduct	-0.21		
		For >100 To 250, Deduct	-0.42		
		For >250 To 500, Deduct	-0.74		
		For >500, Deduct	-1.12		
06 05 23 00-0298	EA	1-3/8" Wide x 8" Long, 12 Gauge, Galvanized Strap Tie (Simpson Strong Tie® HRS8)	6.89		
		For >10 To 50, Deduct	-0.05		
		For >50 To 100, Deduct	-0.23		
		For >100 To 250, Deduct	-0.45		
		For >250 To 500, Deduct	-0.79		
		For >500, Deduct	-1.19		
06 05 23 00-0299	EA	1-3/8" Wide x 12" Long, 12 Gauge, Galvanized Strap Tie (Simpson Strong Tie® HRS12)	9.05		
		For >10 To 50, Deduct	-0.07		
		For >50 To 100, Deduct	-0.29		
		For >100 To 250, Deduct	-0.59		
		For >250 To 500, Deduct	-1.02		
		For >500, Deduct	-1.53		
06 05 23 00-0300	EA	2-1/16" Wide x 27" Long, 12 Gauge, Galvanized Medium Strap Tie (Simpson Strong Tie® MST27)	13.51		
		For >10 To 50, Deduct	-0.08		
		For >50 To 100, Deduct	-0.42		
		For >100 To 250, Deduct	-0.84		
		For >250 To 500, Deduct	-1.42		
		For >500, Deduct	-2.10		
06 05 23 00-0301	EA	2-1/16" Wide x 37" Long, 12 Gauge, Galvanized Medium Strap Tie (Simpson Strong Tie® MST37)	16.85		
		For >10 To 50, Deduct	-0.10		
		For >50 To 100, Deduct	-0.52		
		For >100 To 250, Deduct	-1.03		
		For >250 To 500, Deduct	-1.74		
		For >500, Deduct	-2.56		
06 05 23 00-0302	EA	2-1/16" Wide x 48" Long, 12 Gauge, Galvanized Medium Strap Tie (Simpson Strong Tie® MST48)	25.01		
		For >10 To 50, Deduct	-0.11		
		For >50 To 100, Deduct	-0.73		
		For >100 To 250, Deduct	-1.47		
		For >250 To 500, Deduct	-2.42		
		For >500, Deduct	-3.50		
06 05 23 00-0303	EA	2-1/16" Wide x 60" Long, 12 Gauge, Galvanized Medium Strap Tie (Simpson Strong Tie® MST60)	43.71		
		For >10 To 50, Deduct	-0.12		
		For >50 To 100, Deduct	-1.21		
		For >100 To 250, Deduct	-2.43		
		For >250 To 500, Deduct	-3.89		
		For >500, Deduct	-5.49		

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 00-0304	EA	2-1/16" Wide x 72" Long, 12 Gauge, Galvanized Medium Strap Tie (Simpson Strong Tie® MST72).....	56.40	
		For >10 To 50, Deduct	-0.14	
		For >50 To 100, Deduct	-1.55	
		For >100 To 250, Deduct	-3.09	
		For >250 To 500, Deduct	-4.91	
		For >500, Deduct	-6.89	
06 05 23 00-0305	EA	3" Wide x 28-1/4" Long, 16 Gauge, Galvanized Strap Ties (Simpson Strong Tie® MSTC28).....	16.15	
		For >10 To 50, Deduct	-0.08	
		For >50 To 100, Deduct	-0.49	
		For >100 To 250, Deduct	-0.97	
		For >250 To 500, Deduct	-1.62	
		For >500, Deduct	-2.36	
06 05 23 00-0306	EA	3" Wide x 40-1/4" Long, 16 Gauge, Galvanized Strap Ties (Simpson Strong Tie® MSTC40).....	20.88	
		For >10 To 50, Deduct	-0.10	
		For >50 To 100, Deduct	-0.62	
		For >100 To 250, Deduct	-1.23	
		For >250 To 500, Deduct	-2.04	
		For >500, Deduct	-2.96	
06 05 23 00-0307	EA	3" Wide x 52-1/4" Long, 16 Gauge, Galvanized Strap Ties (Simpson Strong Tie® MSTC52).....	24.39	
		For >10 To 50, Deduct	-0.11	
		For >50 To 100, Deduct	-0.72	
		For >100 To 250, Deduct	-1.44	
		For >250 To 500, Deduct	-2.37	
		For >500, Deduct	-3.44	
06 05 23 00-0308	EA	3" Wide x 66-1/4" Long, 16 Gauge, Galvanized Strap Ties (Simpson Strong Tie® MSTC66).....	37.23	
		For >10 To 50, Deduct	-0.12	
		For >50 To 100, Deduct	-1.05	
		For >100 To 250, Deduct	-2.11	
		For >250 To 500, Deduct	-3.40	
		For >500, Deduct	-4.85	
06 05 23 00-0309		Twist Strap Ties (06 05 23 00-0271)		
06 05 23 00-0310	EA	1-1/4" Wide x 12" Long, 18 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® LTS12).....	3.82	
		For >10 To 50, Deduct	-0.05	
		For >50 To 100, Deduct	-0.15	
		For >100 To 250, Deduct	-0.30	
		For >250 To 500, Deduct	-0.56	
		For >500, Deduct	-0.88	
06 05 23 00-0311	EA	1-1/4" Wide x 16" Long, 18 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® LTS16).....	4.82	
		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	-0.67	
		For >500, Deduct	-1.04	
06 05 23 00-0312	EA	1-1/4" Wide x 18" Long, 18 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® LTS18).....	5.56	
		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 00-0313	EA	1-1/4" Wide x 20" Long, 18 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® LTS20).....	6.02	
		For >10 To 50, Deduct	-0.07	
		For >50 To 100, Deduct	-0.23	
		For >100 To 250, Deduct	-0.45	
		For >250 To 500, Deduct	-0.82	
		For >500, Deduct	-1.29	
06 05 23 00-0314	EA	1-1/4" Wide x 12" Long, 16 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® MTS12).....	3.77	
		For >10 To 50, Deduct	-0.05	
		For >50 To 100, Deduct	-0.15	
		For >100 To 250, Deduct	-0.30	
		For >250 To 500, Deduct	-0.55	
		For >500, Deduct	-0.87	
06 05 23 00-0315	EA	1-1/4" Wide x 16" Long, 16 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® MTS16).....	4.90	
		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	-0.67	
		For >500, Deduct	-1.05	
06 05 23 00-0316	EA	1-1/4" Wide x 18" Long, 16 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® MTS18).....	5.70	
		For >10 To 50, Deduct	-0.07	
		For >50 To 100, Deduct	-0.21	
		For >100 To 250, Deduct	-0.42	
		For >250 To 500, Deduct	-0.77	
		For >500, Deduct	-1.19	
06 05 23 00-0317	EA	1-1/4" Wide x 20" Long, 16 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® MTS20).....	6.07	
		For >10 To 50, Deduct	-0.07	
		For >50 To 100, Deduct	-0.23	
		For >100 To 250, Deduct	-0.45	
		For >250 To 500, Deduct	-0.83	
		For >500, Deduct	-1.29	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0318	EA	1-1/4" Wide x 24" Long, 16 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® MTS24).....	8.36		
		For >10 To 50, Deduct	-0.08		
		For >50 To 100, Deduct	-0.29		
		For >100 To 250, Deduct	-0.58		
		For >250 To 500, Deduct	-1.03		
		For >500, Deduct	-1.58		
06 05 23 00-0319	EA	1-1/4" Wide x 16" Long, 14 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® HTS16)	6.39		
		For >10 To 50, Deduct	-0.06		
		For >50 To 100, Deduct	-0.22		
		For >100 To 250, Deduct	-0.44		
		For >250 To 500, Deduct	-0.78		
		For >500, Deduct	-1.20		
06 05 23 00-0320	EA	1-1/4" Wide x 20" Long, 14 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® HTS20)	7.65		
		For >10 To 50, Deduct	-0.07		
		For >50 To 100, Deduct	-0.27		
		For >100 To 250, Deduct	-0.53		
		For >250 To 500, Deduct	-0.95		
		For >500, Deduct	-1.45		
06 05 23 00-0321	EA	1-1/4" Wide x 24" Long, 14 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® HTS24)	8.90		
		For >10 To 50, Deduct	-0.08		
		For >50 To 100, Deduct	-0.30		
		For >100 To 250, Deduct	-0.61		
		For >250 To 500, Deduct	-1.07		
		For >500, Deduct	-1.64		
06 05 23 00-0322		Retrofit Plate Strap (06 05 23 00-0271)			
06 05 23 00-0323	EA	1-3/8" Wide x 18-5/16" Long, 16 Gauge, Galvanized Retrofit Plate Strap (Simpson Strong Tie® RPS18)	6.38		
		For >10 To 50, Deduct	-0.07		
		For >50 To 100, Deduct	-0.23		
		For >100 To 250, Deduct	-0.45		
		For >250 To 500, Deduct	-0.82		
		For >500, Deduct	-1.26		
06 05 23 00-0324	EA	1-3/8" Wide x 22-5/16" Long, 16 Gauge, Galvanized Retrofit Plate Strap (Simpson Strong Tie® RPS22)	7.33		
		For >10 To 50, Deduct	-0.07		
		For >50 To 100, Deduct	-0.25		
		For >100 To 250, Deduct	-0.50		
		For >250 To 500, Deduct	-0.89		
		For >500, Deduct	-1.36		
06 05 23 00-0325	EA	1-3/8" Wide x 28-5/16" Long, 16 Gauge, Galvanized Retrofit Plate Strap (Simpson Strong Tie® RPS28)	8.82		
		For >10 To 50, Deduct	-0.07		
		For >50 To 100, Deduct	-0.29		
		For >100 To 250, Deduct	-0.58		
		For >250 To 500, Deduct	-1.00		
		For >500, Deduct	-1.51		
06 05 23 00-0326		Stud Shoe (06 05 23 00-0271)			
06 05 23 00-0327	EA	6" High With 3-1/4" Wide Tabs For 2X Stud, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® SS1.5).....	11.00		
		For >10 To 50, Deduct	-0.08		
		For >50 To 100, Deduct	-0.36		
		For >100 To 250, Deduct	-0.71		
		For >250 To 500, Deduct	-1.23		
		For >500, Deduct	-1.85		
06 05 23 00-0328	EA	6" High With 3-1/4" Wide Tabs For 3X Stud, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® SS2.5).....	22.01		
		For >10 To 50, Deduct	-0.08		
		For >50 To 100, Deduct	-0.63		
		For >100 To 250, Deduct	-1.26		
		For >250 To 500, Deduct	-2.06		
		For >500, Deduct	-2.95		
06 05 23 00-0329	EA	6" High With 3-1/4" Wide Tabs For 2-2X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® SS3)	22.11		
		For >10 To 50, Deduct	-0.08		
		For >50 To 100, Deduct	-0.63		
		For >100 To 250, Deduct	-1.27		
		For >250 To 500, Deduct	-2.06		
		For >500, Deduct	-2.96		
06 05 23 00-0330	EA	6" High With 3-1/4" Wide Tabs For 3-2X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® SS4.5).....	29.77		
		For >10 To 50, Deduct	-0.08		
		For >50 To 100, Deduct	-0.83		
		For >100 To 250, Deduct	-1.65		
		For >250 To 500, Deduct	-2.64		
		For >500, Deduct	-3.72		
06 05 23 00-0331	EA	7-1/8" High With 3-1/4" Wide Tabs For 2X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® HSS2-SDS1.5).....	27.95		
		For >10 To 50, Deduct	-0.08		
		For >50 To 100, Deduct	-0.78		
		For >100 To 250, Deduct	-1.56		
		For >250 To 500, Deduct	-2.50		
		For >500, Deduct	-3.54		
06 05 23 00-0332	EA	7-1/8" High With 3-1/4" Wide Tabs For 2-2X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie HSS2-2-SDS3).....	30.31		
		For >10 To 50, Deduct	-0.08		
		For >50 To 100, Deduct	-0.84		
		For >100 To 250, Deduct	-1.68		
		For >250 To 500, Deduct	-2.68		
		For >500, Deduct	-3.78		

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 00-0333 EA 7-1/8" High With 3-1/4" Wide Tabs For 3-2X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® HSS2-3-SDS3).....	32.11	
For >10 To 50, Deduct	-0.08	
For >50 To 100, Deduct	-0.88	
For >100 To 250, Deduct	-1.77	
For >250 To 500, Deduct	-2.81	
For >500, Deduct	-3.96	
06 05 23 00-0334 EA 7-1/8" High With 3-1/4" Wide Tabs For 4X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® HSS4-SDS3).....	48.72	
For >10 To 50, Deduct	-0.08	
For >50 To 100, Deduct	-1.30	
For >100 To 250, Deduct	-2.60	
For >250 To 500, Deduct	-4.06	
For >500, Deduct	-5.62	
06 05 23 00-0335 Nail Stops (06 05 23 00-0271)		
06 05 23 00-0336 EA 1-1/2" Wide x 3" Long, 16 Gauge, Galvanized Nail Stops (Simpson Strong Tie® NS1).....	2.96	
For >10 To 50, Deduct	-0.05	
For >50 To 100, Deduct	-0.13	
For >100 To 250, Deduct	-0.26	
For >250 To 500, Deduct	-0.49	
For >500, Deduct	-0.79	
06 05 23 00-0337 EA 1-1/2" Wide x 6" Long, 16 Gauge, Galvanized Nail Stops (Simpson Strong Tie® NS2).....	3.12	
For >10 To 50, Deduct	-0.05	
For >50 To 100, Deduct	-0.13	
For >100 To 250, Deduct	-0.26	
For >250 To 500, Deduct	-0.50	
For >500, Deduct	-0.81	

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.....771.52

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 122.88

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.

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.....4.36 1.86

For Each Additional 2" x_ " In The Built Up Member, Add 0.76

06 11 13 00-0004 LF Two 2" x 8" Built-up Wood Beam Or Joist.....5.42 2.19

For Each Additional 2" x_ " In The Built Up Member, Add 1.07

06 11 13 00-0005 LF Two 2" x 10" Built-up Wood Beam Or Joist.....6.91 2.62

For Each Additional 2" x_ " In The Built Up Member, Add 1.49

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.....4.36 1.86

For Each Additional 2" x_ " In The Built Up Member, Add 0.76

06 11 13 00-0008 LF Two 2" x 8" Built-up Wood Post.....5.42 2.19

For Each Additional 2" x_ " In The Built Up Member, Add 1.07

06 11 13 00-0009 LF Two 2" x 10" Built-up Wood Post.....6.91 2.62

For Each Additional 2" x_ " In The Built Up Member, Add 1.49

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 2.51 1.31

06 11 16 00-0004 LF 2" x 8" Wood Rafter 2.93 1.42



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 16 00-0005	LF	2" x 10" Wood Rafter	4.22	2.07
06 11 16 00-0006	LF	2" x 12" Wood Rafter	4.86	2.30
06 11 16 00-0007	LF	2" x 14" Wood Rafter	5.28	2.51
06 11 16 00-0008	LF	2" x 6" Pressure Treated Wood Rafter.....	2.82	1.31
06 11 16 00-0009	LF	2" x 8" Pressure Treated Wood Rafter.....	3.36	1.42
06 11 16 00-0010	LF	2" x 10" Pressure Treated Wood Rafter.....	4.59	2.07
06 11 16 00-0011	LF	2" x 12" Pressure Treated Wood Rafter.....	5.48	2.30
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	2.18	1.10
06 11 16 00-0014	LF	2" x 8" Wood Floor Joist	2.71	1.20
06 11 16 00-0015	LF	2" x 10" Wood Floor Joist.....	3.46	1.54
06 11 16 00-0016	LF	2" x 12" Wood Floor Joist.....	4.10	1.75
06 11 16 00-0017	LF	2" x 14" Wood Floor Joist.....	4.51	1.86
06 11 16 00-0018	LF	2" x 6" Pressure Treated Wood Floor Joist.....	2.49	1.10
06 11 16 00-0019	LF	2" x 8" Pressure Treated Wood Floor Joist.....	3.14	1.20
06 11 16 00-0020	LF	2" x 10" Pressure Treated Wood Floor Joist.....	3.83	1.54
06 11 16 00-0021	LF	2" x 12" Pressure Treated Wood Floor Joist.....	4.72	1.75
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.....	1.76	0.66
06 11 16 00-0024	LF	2" x 6" Wood Purlin	2.20	0.72
06 11 16 00-0025	LF	2" x 8" Wood Purlin.....	2.66	0.79
06 11 16 00-0026	LF	2" x 10" Wood Purlin.....	3.24	0.87
06 11 16 00-0027	LF	2" x 4" Pressure Treated Wood Purlin	1.95	0.66
06 11 16 00-0028	LF	2" x 6" Pressure Treated Wood Purlin	2.51	0.72
06 11 16 00-0029	LF	2" x 8" Pressure Treated Wood Purlin	3.09	0.79
06 11 16 00-0030	LF	2" x 10" Pressure Treated Wood Purlin	3.61	0.87
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	3.28	1.10
06 11 16 00-0034	LF	2" x 8" Redwood Rafter Or Joist	4.00	1.20
06 11 16 00-0035	LF	2" x 10" Redwood Rafter Or Joist.....	4.99	1.54
06 11 16 00-0036	LF	2" x 12" Redwood Rafter Or Joist.....	6.04	1.75
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.....	2.18	1.10
06 11 16 00-0039	LF	2" x 8" Cedar Rafter Or Joist.....	2.45	1.20
06 11 16 00-0040	LF	2" x 10" Cedar Rafter Or Joist.....	2.83	1.54
06 11 16 00-0041	LF	2" x 12" Cedar Rafter Or Joist.....	3.21	1.75
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.....	2.64	1.10
06 11 16 00-0044	LF	2" x 8" Oak Rafter Or Joist.....	3.60	1.20
06 11 16 00-0045	LF	2" x 10" Oak Rafter Or Joist.....	4.67	1.54
06 11 16 00-0046	LF	2" x 12" Oak Rafter Or Joist.....	5.74	1.75
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	1.71	0.87
06 11 16 00-0050	LF	2" x 6" Wood Stud Framing, For Partition Walls	2.07	0.93
06 11 16 00-0051	LF	2" x 8" Wood Stud Framing, For Partition Walls	2.43	0.99
06 11 16 00-0052	LF	2" x 4" Pressure Treated Wood Stud Framing, For Partition Walls.....	1.90	0.87
06 11 16 00-0053	LF	2" x 6" Pressure Treated Wood Stud Framing, For Partition Walls.....	2.38	0.93
06 11 16 00-0054	LF	2" x 8" Pressure Treated Wood Stud Framing, For Partition Walls.....	2.86	0.99
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" At 12" On Center, Wood Wall Framing Assembly	2.21	1.06
		For Up To 200, Add	0.75	
		For >200 To 500, Add	0.38	
06 11 16 00-0058	SF	2" x 6" At 12" On Center, Wood Wall Framing Assembly	2.97	1.35
		For Up To 200, Add	0.99	
		For >200 To 500, Add	0.50	

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 00-0059 SF 2" x 8" At 12" On Center, Wood Wall Framing Assembly..... For Up To 200, Add 1.32 For >200 To 500, Add 0.66	3.96	1.81
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" At 16" On Center, Wood Wall Framing Assembly..... For Up To 200, Add 0.61 For >200 To 500, Add 0.31	1.80	0.85
06 11 16 00-0062 SF 2" x 6" At 16" On Center, Wood Wall Framing Assembly..... For Up To 200, Add 0.83 For >200 To 500, Add 0.41	2.47	1.13
06 11 16 00-0063 SF 2" x 8" At 16" On Center, Wood Wall Framing Assembly..... For Up To 200, Add 1.11 For >200 To 500, Add 0.55	3.30	1.50
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" At 24" On Center, Wood Wall Framing Assembly..... For Up To 200, Add 0.48 For >200 To 500, Add 0.24	1.42	0.67
06 11 16 00-0066 SF 2" x 6" At 24" On Center, Wood Wall Framing Assembly..... For Up To 200, Add 0.65 For >200 To 500, Add 0.32	1.94	0.87
06 11 16 00-0067 SF 2" x 8" At 24" On Center, Wood Wall Framing Assembly..... For Up To 200, Add 0.87 For >200 To 500, Add 0.43	2.59	1.17
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	2.91	1.64
06 11 16 00-0071 LF 2" x 6" Wood Sill	3.49	1.86
06 11 16 00-0072 LF 2" x 8" Wood Sill	4.15	2.07
06 11 16 00-0073 LF 2" x 4" Pressure Treated Wood Sill.....	3.10	1.64
06 11 16 00-0074 LF 2" x 6" Pressure Treated Wood Sill.....	3.80	1.86
06 11 16 00-0075 LF 2" x 8" Pressure Treated Wood Sill.....	4.58	2.07
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.....	2.91	1.64
06 11 16 00-0078 LF 2" x 6" Wood Plate.....	3.49	1.86
06 11 16 00-0079 LF 2" x 8" Wood Plate.....	4.13	2.07
06 11 16 00-0080 LF 2" x 4" Pressure Treated Wood Plate	3.10	1.64
06 11 16 00-0081 LF 2" x 6" Pressure Treated Wood Plate	3.80	1.86
06 11 16 00-0082 LF 2" x 8" Pressure Treated Wood Plate	4.56	2.07
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.....	5.98	1.86
06 11 16 00-0086 LF 2" x 8" Redwood, Construction Grade/Rough.....	8.05	2.07
06 11 16 00-0087 LF 2" x 10" Redwood, Construction Grade/Rough.....	9.79	2.30
06 11 16 00-0088 LF 2" x 12" Redwood, Construction Grade/Rough.....	11.82	2.51
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.....	7.36	1.86
06 11 16 00-0091 LF 2" x 8" Redwood, Con Heart/Smooth.....	10.12	2.07
06 11 16 00-0092 LF 2" x 10" Redwood, Con Heart/Smooth.....	13.31	2.30
06 11 16 00-0093 LF 2" x 12" Redwood, Con Heart/Smooth.....	16.01	2.51
06 11 16 00-0094 Suspended Ceiling Framing (06 11 16)		
06 11 16 00-0095 LF 1" x 2" Wood Suspended Ceiling Framing.....	2.39	1.42
06 11 16 00-0096 LF 1" x 3" Wood Suspended Ceiling Framing.....	2.61	1.54
06 11 16 00-0097 LF 1" x 4" Wood Suspended Ceiling Framing.....	2.74	1.64
06 11 16 00-0098 LF 2" x 2" Wood Suspended Ceiling Framing.....	2.82	1.64
06 11 16 00-0099 LF 2" x 4" Wood Suspended Ceiling Framing.....	3.35	1.86
06 11 16 00-0100 LF 1" x 2" Pressure Treated Wood Suspended Ceiling Framing	2.57	1.42
06 11 16 00-0101 LF 1" x 3" Pressure Treated Wood Suspended Ceiling Framing	2.62	1.54
06 11 16 00-0102 LF 1" x 4" Pressure Treated Wood Suspended Ceiling Framing	2.86	1.64
06 11 16 00-0103 LF 2" x 2" Pressure Treated Wood Suspended Ceiling Framing	2.99	1.64
06 11 16 00-0104 LF 2" x 4" Pressure Treated Wood Suspended Ceiling Framing	3.49	1.86
06 11 16 00-0105 Posts And Girts (06 11 16)		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 16 00-0106 Posts (06 11 16 00-0105) Note: A vertical, upright framing member.		
06 11 16 00-0107 LF 4" x 4" Wood Post.....	4.23	2.07
06 11 16 00-0108 LF 4" x 5" Wood Post.....	4.83	2.41
06 11 16 00-0109 LF 4" x 6" Wood Post.....	5.32	2.62
06 11 16 00-0110 LF 6" x 6" Wood Post.....	5.92	2.85
06 11 16 00-0111 LF 8" x 8" Wood Post.....	6.51	2.95
06 11 16 00-0112 LF 10" x 10" Wood Post.....	7.11	3.39
06 11 16 00-0113 LF 4" x 4" Pressure Treated Wood Post.....	5.52	2.07
06 11 16 00-0114 LF 3" x 6" Pressure Treated Wood Post.....	6.34	2.62
06 11 16 00-0115 LF 4" x 6" Pressure Treated Wood Post.....	7.72	2.62
06 11 16 00-0116 LF 6" x 6" Pressure Treated Wood Post.....	10.71	2.85
06 11 16 00-0117 Girts (06 11 16 00-0105) Note: A horizontal member at intermediate level between columns, studs, or posts.		
06 11 16 00-0118 LF 2" x 4" Wood Girt.....	2.03	0.78
06 11 16 00-0119 LF 2" x 6" Wood Girt.....	2.49	0.86
06 11 16 00-0120 LF 2" x 8" Wood Girt.....	2.97	0.96
06 11 16 00-0121 LF 2" x 10" Wood Girt.....	3.58	1.05
06 11 16 00-0122 LF 4" x 4" Wood Girt.....	4.10	1.58
06 11 16 00-0123 LF 4" x 5" Wood Girt.....	4.70	1.77
06 11 16 00-0124 LF 4" x 6" Wood Girt.....	5.29	1.97
06 11 16 00-0125 LF 6" x 6" Wood Girt.....	5.89	2.17
06 11 16 00-0126 LF 8" x 8" Wood Girt.....	6.49	2.36
06 11 16 00-0127 LF 10" x 10" Wood Girt.....	7.09	2.57
06 11 16 00-0128 LF 2" x 4" Pressure Treated Wood Girt.....	2.22	0.78
06 11 16 00-0129 LF 2" x 6" Pressure Treated Wood Girt.....	2.80	0.86
06 11 16 00-0130 LF 2" x 8" Pressure Treated Wood Girt.....	3.40	0.96
06 11 16 00-0131 LF 2" x 10" Pressure Treated Wood Girt.....	3.95	1.05
06 11 16 00-0132 LF 4" x 4" Pressure Treated Wood Girt.....	5.52	1.58
06 11 16 00-0133 LF 3" x 6" Pressure Treated Wood Girt.....	6.34	1.97
06 11 16 00-0134 LF 4" x 6" Pressure Treated Wood Girt.....	7.72	1.97
06 11 16 00-0135 LF 6" x 6" Pressure Treated Wood Girt.....	10.71	2.17
06 11 16 00-0136 Construction Grade/Rough Redwood Posts (06 11 16 00-0105)		
06 11 16 00-0137 LF 4" x 4" Redwood, Construction Grade/Rough Post.....	9.42	2.07
For Smooth "Clear", Add	1.26	
06 11 16 00-0138 LF 4" x 5" Redwood, Construction Grade/Rough Post.....	11.38	2.41
For Smooth "Clear", Add	1.57	
06 11 16 00-0139 LF 4" x 6" Redwood, Construction Grade/Rough Post.....	13.36	2.62
For Smooth "Clear", Add	1.89	
06 11 16 00-0140 LF 4" x 8" Redwood, Construction Grade/Rough Post.....	16.68	2.70
For Smooth "Clear", Add	2.52	
06 11 16 00-0141 LF 4" x 10" Redwood, Construction Grade/Rough Post.....	20.07	2.88
For Smooth "Clear", Add	3.14	
06 11 16 00-0142 LF 6" x 6" Redwood, Construction Grade/Rough Post.....	18.48	2.85
For Smooth "Clear", Add	2.83	
06 11 16 00-0143 LF 6" x 8" Redwood, Construction Grade/Rough Post.....	23.35	2.95
For Smooth "Clear", Add	3.77	
06 11 16 00-0144 LF 6" x 10" Redwood, Construction Grade/Rough Post.....	28.20	2.77
For Smooth "Clear", Add	4.72	
06 11 16 00-0145 LF 8" x 8" Redwood, Construction Grade/Rough Post.....	29.88	2.95
For Smooth "Clear", Add	5.03	
06 11 16 00-0146 Stair Stringers (06 11 16)		
06 11 16 00-0147 LF 2" x 10" Wood Stair Stringer.....	8.02	4.37
06 11 16 00-0148 LF 2" x 12" Wood Stair Stringer.....	9.48	5.13
06 11 16 00-0149 LF 2" x 10" Pressure Treated Wood Stair Stringer.....	8.42	4.37
06 11 16 00-0150 LF 2" x 12" Pressure Treated Wood Stair Stringer.....	10.08	5.13
06 11 16 00-0151 Blocking And Sleepers (06 11 16)		
06 11 16 00-0152 Blocking (06 11 16 00-0151)		
06 11 16 00-0153 Blocking To Wood (06 11 16 00-0152)		
06 11 16 00-0154 LF 2" x 4" Pressure Treated Wood Blocking To Wood.....	6.17	2.63
06 11 16 00-0155 LF 2" x 6" Pressure Treated Wood Blocking To Wood.....	7.32	2.89
06 11 16 00-0156 LF 2" x 8" Pressure Treated Wood Blocking To Wood.....	8.35	3.17
06 11 16 00-0157 LF 4" x 4" Pressure Treated Wood Blocking To Wood.....	9.66	3.50
06 11 16 00-0158 LF 4" x 6" Pressure Treated Wood Blocking To Wood.....	11.66	3.84
06 11 16 00-0159 LF 2" x 4" Wood Blocking To Wood.....	5.70	2.63
06 11 16 00-0160 LF 2" x 6" Wood Blocking To Wood.....	6.54	2.89
06 11 16 00-0161 LF 2" x 8" Wood Blocking To Wood.....	7.43	3.17
06 11 16 00-0162 LF 4" x 4" Wood Blocking To Wood.....	8.08	3.50
06 11 16 00-0163 LF 4" x 6" Wood Blocking To Wood.....	9.08	3.84

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 11 Wood Framing**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

06 11 16 00-0164	Blocking To Steel (06 11 16 00-0152)		
06 11 16 00-0165	LF 2" x 4" Pressure Treated Wood Blocking To Steel.....	7.07	3.02
06 11 16 00-0166	LF 2" x 6" Pressure Treated Wood Blocking To Steel.....	8.34	3.33
06 11 16 00-0167	LF 2" x 8" Pressure Treated Wood Blocking To Steel.....	9.51	3.66
06 11 16 00-0168	LF 2" x 4" Wood Blocking To Steel.....	6.55	3.02
06 11 16 00-0169	LF 2" x 6" Wood Blocking To Steel.....	7.47	3.33
06 11 16 00-0170	LF 2" x 8" Wood Blocking To Steel.....	8.50	3.66
06 11 16 00-0171	Blocking To Concrete (06 11 16 00-0152)		
06 11 16 00-0172	LF 2" x 4" Pressure Treated Wood Blocking To Concrete.....	7.07	3.02
06 11 16 00-0173	LF 2" x 6" Pressure Treated Wood Blocking To Concrete.....	8.34	3.33
06 11 16 00-0174	LF 2" x 8" Pressure Treated Wood Blocking To Concrete.....	9.51	3.66
06 11 16 00-0175	LF 2" x 4" Wood Blocking To Concrete.....	6.55	3.02
06 11 16 00-0176	LF 2" x 6" Wood Blocking To Concrete.....	7.47	3.33
06 11 16 00-0177	LF 2" x 8" Wood Blocking To Concrete.....	8.50	3.66
06 11 16 00-0178	Pressure Treated Lattice (06 11 16 00-0151)		
06 11 16 00-0179	SF 3/4" Thick Pressure Treated Wood Lattice.....	6.42	2.30
06 11 16 00-0180	Sleepers (06 11 16 00-0151)		
06 11 16 00-0181	Sleepers To Wood (06 11 16 00-0180)		
06 11 16 00-0182	LF 1" x 2" Pressure Treated Wood Sleeper On Wood.....	1.14	0.39
06 11 16 00-0183	LF 1" x 3" Pressure Treated Wood Sleeper On Wood.....	1.19	0.44
06 11 16 00-0184	LF 1" x 4" Pressure Treated Wood Sleeper On Wood.....	1.42	0.49
06 11 16 00-0185	LF 2" x 4" Pressure Treated Wood Sleeper On Wood.....	2.13	0.60
06 11 16 00-0186	LF 2" x 6" Pressure Treated Wood Sleeper On Wood.....	2.85	0.66
06 11 16 00-0187	Sleepers To Concrete (06 11 16 00-0180)		
06 11 16 00-0188	LF 1" x 2" Pressure Treated Wood Sleeper On Concrete.....	1.18	0.39
06 11 16 00-0189	LF 1" x 3" Pressure Treated Wood Sleeper On Concrete.....	1.23	0.44
06 11 16 00-0190	LF 1" x 4" Pressure Treated Wood Sleeper On Concrete.....	1.47	0.49
06 11 16 00-0191	LF 2" x 4" Pressure Treated Wood Sleeper On Concrete.....	2.23	0.60
06 11 16 00-0192	LF 2" x 6" Pressure Treated Wood Sleeper On Concrete.....	3.01	0.66
06 11 16 00-0193	Roofing Nailers (06 11 16)		
06 11 16 00-0194	LF 2" x 4" Pressure Treated Lumber, For Roofing Nailers.....	3.15	0.87
06 11 16 00-0195	LF 2" x 6" Pressure Treated Lumber, For Roofing Nailers.....	3.69	0.93
06 11 16 00-0196	LF 2" x 8" Pressure Treated Lumber, For Roofing Nailers.....	4.23	0.99
06 11 16 00-0197	Roofing Sleepers (06 11 16)		
06 11 16 00-0198	LF 2" x 4" Pressure Treated Lumber, For Roofing Sleepers.....	1.46	
06 11 16 00-0199	LF 4" x 4" Pressure Treated Lumber, For Roofing Sleepers.....	3.97	
06 11 16 00-0200	LF 4" x 6" Pressure Treated Lumber, For Roofing Sleepers.....	5.76	
06 11 16 00-0201	LF 6" x 6" Pressure Treated Lumber, For Roofing Sleepers.....	8.57	
06 11 16 00-0202	Canopy Framing, Bridging, And Furring (06 11 16)		
06 11 16 00-0203	Wood And Steel Bridging (06 11 16 00-0202)		
06 11 16 00-0204	Wood Bridging (06 11 16 00-0203)		
06 11 16 00-0205	EA 1 Pair Wood Bridging, 1" x 3" Cross Type..... Note: For joists spaced at 16" on center.	8.81	3.83
06 11 16 00-0206	EA 1 Pair Wood Bridging, 2" x 3" Cross Type..... Note: For joists spaced at 16" on center.	9.06	3.83
06 11 16 00-0207	Steel Bridging (06 11 16 00-0203)		
06 11 16 00-0208	EA 1 Pair Steel Bridging, Wood Joists At 16" On Center.....	11.38	3.83
06 11 16 00-0209	EA 1 Pair Steel Bridging, Wood Joists At 24" On Center.....	11.34	3.83
06 11 16 00-0210	Light Framing, Trim And Furring (06 11 16 00-0202)		
06 11 16 00-0211	Pine/Spruce/Fir Light Framing, Trim And Furring (06 11 16 00-0210) Note: S4S board, select grade 1		
06 11 16 00-0212	LF 1" x 1" Pine/Spruce/Fir Light Framing, Trim And Furring.....	1.93	0.89
06 11 16 00-0213	LF 1" x 2" Pine/Spruce/Fir Light Framing, Trim And Furring.....	2.17	0.99
06 11 16 00-0214	LF 1" x 4" Pine/Spruce/Fir Light Framing, Trim And Furring.....	2.50	1.08
06 11 16 00-0215	LF 1" x 6" Pine/Spruce/Fir Light Framing, Trim And Furring.....	2.78	1.19
06 11 16 00-0216	LF 1" x 8" Pine/Spruce/Fir Light Framing, Trim And Furring.....	3.08	1.31
06 11 16 00-0217	LF 1" x 10" Pine/Spruce/Fir Light Framing, Trim And Furring.....	3.41	1.44
06 11 16 00-0218	LF 2" x 2" Pine/Spruce/Fir Light Framing, Trim And Furring.....	2.79	1.19



MINOR				TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION				UNIT COST	UNIT COST
06 11 16 00-0219	LF	2" x 4" Pine/Spruce/Fir Light Framing, Trim And Furring.....	3.12	1.31	
06 11 16 00-0220	LF	2" x 6" Pine/Spruce/Fir Light Framing, Trim And Furring.....	3.65	1.44	
06 11 16 00-0221	LF	2" x 8" Pine/Spruce/Fir Light Framing, Trim And Furring.....	4.24	1.59	
06 11 16 00-0222	LF	2" x 10" Pine/Spruce/Fir Light Framing, Trim And Furring.....	4.98	1.75	
06 11 16 00-0223 Cedar Light Framing, Trim And Furring (06 11 16 00-0210)					
Note: S4S board, select grade 1					
06 11 16 00-0224	LF	1" x 1" Cedar Light Framing, Trim And Furring.....	1.96	0.89	
06 11 16 00-0225	LF	1" x 2" Cedar Light Framing, Trim And Furring.....	2.30	0.99	
06 11 16 00-0226	LF	1" x 4" Cedar Light Framing, Trim And Furring.....	2.98	1.08	
06 11 16 00-0227	LF	1" x 6" Cedar Light Framing, Trim And Furring.....	3.60	1.19	
06 11 16 00-0228	LF	1" x 8" Cedar Light Framing, Trim And Furring.....	5.25	1.31	
06 11 16 00-0229	LF	1" x 10" Cedar Light Framing, Trim And Furring.....	6.18	1.44	
06 11 16 00-0230	LF	2" x 2" Cedar Light Framing, Trim And Furring.....	3.10	1.19	
06 11 16 00-0231	LF	2" x 4" Cedar Light Framing, Trim And Furring.....	3.58	1.31	
06 11 16 00-0232 Oak Light Framing, Trim And Furring (06 11 16 00-0210)					
Note: S4S board, select grade 1					
06 11 16 00-0233	LF	1" x 1" Oak Light Framing, Trim And Furring.....	1.96	0.89	
06 11 16 00-0234	LF	1" x 2" Oak Light Framing, Trim And Furring.....	2.32	0.99	
06 11 16 00-0235	LF	1" x 4" Oak Light Framing, Trim And Furring.....	2.86	1.08	
06 11 16 00-0236	LF	1" x 6" Oak Light Framing, Trim And Furring.....	3.42	1.19	
06 11 16 00-0237	LF	1" x 8" Oak Light Framing, Trim And Furring.....	4.01	1.31	
06 11 16 00-0238	LF	1" x 10" Oak Light Framing, Trim And Furring.....	4.62	1.44	
06 11 16 00-0239	LF	2" x 2" Oak Light Framing, Trim And Furring.....	3.07	1.19	
06 11 16 00-0240	LF	2" x 4" Oak Light Framing, Trim And Furring.....	4.01	1.31	
06 11 16 00-0241 Redwood Light Framing, Trim And Furring (06 11 16 00-0210)					
Note: S4S board, select grade 1					
06 11 16 00-0242	LF	1" x 1" Redwood Light Framing, Trim And Furring.....	1.91	0.89	
06 11 16 00-0243	LF	1" x 2" Redwood Light Framing, Trim And Furring.....	2.22	0.99	
06 11 16 00-0244	LF	1" x 4" Redwood Light Framing, Trim And Furring.....	2.70	1.08	
06 11 16 00-0245	LF	1" x 6" Redwood Light Framing, Trim And Furring.....	3.21	1.19	
06 11 16 00-0246	LF	1" x 8" Redwood Light Framing, Trim And Furring.....	3.79	1.31	
06 11 16 00-0247	LF	1" x 10" Redwood Light Framing, Trim And Furring.....	4.43	1.44	
06 11 16 00-0248	LF	2" x 2" Redwood Light Framing, Trim And Furring.....	3.23	1.19	
06 11 16 00-0249	LF	2" x 4" Redwood Light Framing, Trim And Furring.....	3.81	1.31	
06 11 16 00-0250 Poplar Light Framing, Trim And Furring (06 11 16 00-0210)					
Note: S4S board, select grade 1					
06 11 16 00-0251	LF	1" x 1" Poplar Light Framing, Trim And Furring.....	2.20	0.89	
06 11 16 00-0252	LF	1" x 2" Poplar Light Framing, Trim And Furring.....	2.68	0.99	
06 11 16 00-0253	LF	1" x 4" Poplar Light Framing, Trim And Furring.....	3.34	1.08	
06 11 16 00-0254	LF	1" x 6" Poplar Light Framing, Trim And Furring.....	4.21	1.19	
06 11 16 00-0255	LF	1" x 8" Poplar Light Framing, Trim And Furring.....	4.88	1.31	
06 11 16 00-0256	LF	1" x 10" Poplar Light Framing, Trim And Furring.....	6.39	1.44	
06 11 16 00-0257	LF	1" x 12" Poplar Light Framing, Trim And Furring.....	6.89	1.44	
06 11 16 00-0258	LF	2" x 2" Poplar Light Framing, Trim And Furring.....	5.46	1.19	
06 11 16 00-0259	LF	2" x 4" Poplar Light Framing, Trim And Furring.....	6.12	1.31	
06 11 16 00-0260	LF	2" x 6" Poplar Light Framing, Trim And Furring.....	8.13	1.44	
06 11 16 00-0261 Maple Light Framing, Trim And Furring (06 11 16 00-0210)					
Note: S4S board, select grade 1					
06 11 16 00-0262	LF	1" x 4" Maple Light Framing, Trim And Furring.....	4.12	1.08	
06 11 16 00-0263	LF	1" x 6" Maple Light Framing, Trim And Furring.....	5.42	1.19	
06 11 16 00-0264	LF	1" x 8" Maple Light Framing, Trim And Furring.....	6.76	1.31	
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. See CSI section 06 05 23 00-0093 for bolts and 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.....	5.95	1.94	
06 13 23 00-0005	LF	4" x 6", Pine, Heavy Timber Beam.....	7.16	2.02	
06 13 23 00-0006	LF	4" x 8", Pine, Heavy Timber Beam.....	8.35	2.10	
06 13 23 00-0007	LF	4" x 10", Pine, Heavy Timber Beam.....	10.77	2.24	
06 13 23 00-0008	LF	4" x 12", Pine, Heavy Timber Beam.....	12.76	2.38	
06 13 23 00-0009	LF	6" x 6", Pine, Heavy Timber Beam.....	8.99	2.19	
06 13 23 00-0010	LF	6" x 8", Pine, Heavy Timber Beam.....	10.74	2.30	
06 13 23 00-0011	LF	6" x 10", Pine, Heavy Timber Beam.....	14.36	2.46	
06 13 23 00-0012	LF	6" x 12", Pine, Heavy Timber Beam.....	17.02	2.51	

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 00-0013 LF 8" x 8", Pine, Heavy Timber Beam.....	13.04	2.38
06 13 23 00-0014 LF 8" x 10", Pine, Heavy Timber Beam.....	17.50	2.46
06 13 23 00-0015 LF 8" x 12", Pine, Heavy Timber Beam.....	21.10	2.51
06 13 23 00-0016 LF 10" x 10", Pine, Heavy Timber Beam.....	20.85	2.51
06 13 23 00-0017 LF 10" x 12", Pine, Heavy Timber Beam.....	25.45	2.73
06 13 23 00-0018 LF 12" x 12", Pine, Heavy Timber Beam.....	29.98	3.01
06 13 23 00-0019 BF >12" To 16" Pine, Heavy Timber Beam.....	2.50	0.25
Note: 1 Board Foot = 12" x 12" x 1" = 144 Cubic Inches.		
06 13 23 00-0020 Douglas Fir, Heavy Timber Beams (06 13 23 00-0002)		
06 13 23 00-0021 LF 4" x 4", Douglas Fir, Heavy Timber Beam.....	6.16	1.94
06 13 23 00-0022 LF 4" x 6", Douglas Fir, Heavy Timber Beam.....	7.47	2.02
06 13 23 00-0023 LF 4" x 8", Douglas Fir, Heavy Timber Beam.....	8.77	2.10
06 13 23 00-0024 LF 4" x 10", Douglas Fir, Heavy Timber Beam.....	11.40	2.24
06 13 23 00-0025 LF 4" x 12", Douglas Fir, Heavy Timber Beam.....	13.55	2.38
06 13 23 00-0026 LF 6" x 6", Douglas Fir, Heavy Timber Beam.....	9.45	2.19
06 13 23 00-0027 LF 6" x 8", Douglas Fir, Heavy Timber Beam.....	11.35	2.30
06 13 23 00-0028 LF 6" x 10", Douglas Fir, Heavy Timber Beam.....	15.29	2.46
06 13 23 00-0029 LF 6" x 12", Douglas Fir, Heavy Timber Beam.....	18.22	2.51
06 13 23 00-0030 LF 8" x 8", Douglas Fir, Heavy Timber Beam.....	13.87	2.38
06 13 23 00-0031 LF 8" x 10", Douglas Fir, Heavy Timber Beam.....	18.76	2.46
06 13 23 00-0032 LF 8" x 12", Douglas Fir, Heavy Timber Beam.....	22.70	2.51
06 13 23 00-0033 LF 10" x 10", Douglas Fir, Heavy Timber Beam.....	22.41	2.51
06 13 23 00-0034 LF 10" x 12", Douglas Fir, Heavy Timber Beam.....	27.43	2.73
06 13 23 00-0035 LF 12" x 12", Douglas Fir, Heavy Timber Beam.....	32.37	3.01
06 13 23 00-0036 BF >12" To 16" Douglas Fir, Heavy Timber Beam.....	2.70	0.25
Note: 1 Board Foot = 12" x 12" x 1" = 144 Cubic Inches.		
06 13 23 00-0037 Pressure Treated, Heavy Timber Beams (06 13 23 00-0002)		
06 13 23 00-0038 LF 4" x 4", Pressure Treated, Heavy Timber Beam.....	6.26	1.94
06 13 23 00-0039 LF 4" x 6", Pressure Treated, Heavy Timber Beam.....	7.84	2.02
06 13 23 00-0040 LF 4" x 8", Pressure Treated, Heavy Timber Beam.....	9.21	2.10
06 13 23 00-0041 LF 4" x 10", Pressure Treated, Heavy Timber Beam.....	12.05	2.24
06 13 23 00-0042 LF 4" x 12", Pressure Treated, Heavy Timber Beam.....	14.38	2.38
06 13 23 00-0043 LF 6" x 6", Pressure Treated, Heavy Timber Beam.....	10.71	2.19
06 13 23 00-0044 LF 6" x 8", Pressure Treated, Heavy Timber Beam.....	13.07	2.30
06 13 23 00-0045 LF 6" x 10", Pressure Treated, Heavy Timber Beam.....	15.63	2.46
06 13 23 00-0046 LF 6" x 12", Pressure Treated, Heavy Timber Beam.....	19.09	2.51
06 13 23 00-0047 LF 8" x 8", Pressure Treated, Heavy Timber Beam.....	19.25	2.38
06 13 23 00-0048 LF 8" x 10", Pressure Treated, Heavy Timber Beam.....	22.31	2.46
06 13 23 00-0049 LF 8" x 12", Pressure Treated, Heavy Timber Beam.....	26.21	2.51
06 13 23 00-0050 LF 10" x 10", Pressure Treated, Heavy Timber Beam.....	26.32	2.51
06 13 23 00-0051 LF 10" x 12", Pressure Treated, Heavy Timber Beam.....	34.74	2.73
06 13 23 00-0052 LF 12" x 12", Pressure Treated, Heavy Timber Beam.....	41.14	3.01
06 13 23 00-0053 BF >12" To 16" Pressure Treated, Heavy Timber Beam.....	3.43	0.25
Note: 1 Board Foot = 12" x 12" x 1" = 144 Cubic Inches.		
06 13 23 00-0054 Heavy Timber Columns (06 13 23 00-0001)		
06 13 23 00-0055 Pine, Heavy Timber Columns (06 13 23 00-0054)		
06 13 23 00-0056 LF 4" x 4", Pine, Heavy Timber Column.....	4.11	1.02
06 13 23 00-0057 LF 4" x 6", Pine, Heavy Timber Column.....	5.27	1.08
06 13 23 00-0058 LF 4" x 8", Pine, Heavy Timber Column.....	6.36	1.11
06 13 23 00-0059 LF 4" x 10", Pine, Heavy Timber Column.....	8.65	1.18
06 13 23 00-0060 LF 4" x 12", Pine, Heavy Timber Column.....	10.50	1.25
06 13 23 00-0061 LF 6" x 6", Pine, Heavy Timber Column.....	6.94	1.14
06 13 23 00-0062 LF 6" x 8", Pine, Heavy Timber Column.....	8.60	1.19
06 13 23 00-0063 LF 6" x 10", Pine, Heavy Timber Column.....	12.03	1.29
06 13 23 00-0064 LF 6" x 12", Pine, Heavy Timber Column.....	14.63	1.32
06 13 23 00-0065 LF 8" x 8", Pine, Heavy Timber Column.....	10.78	1.25
06 13 23 00-0066 LF 8" x 10", Pine, Heavy Timber Column.....	15.17	1.29
06 13 23 00-0067 LF 8" x 12", Pine, Heavy Timber Column.....	18.67	1.35
06 13 23 00-0068 LF 10" x 10", Pine, Heavy Timber Column.....	18.43	1.35
06 13 23 00-0069 LF 10" x 12", Pine, Heavy Timber Column.....	22.86	1.43
06 13 23 00-0070 LF 12" x 12", Pine, Heavy Timber Column.....	27.13	1.59
06 13 23 00-0071 BF >12" To 16" Pine, Heavy Timber Column.....	2.26	0.13
Note: 1 Board Foot = 12" x 12" x 1" = 144 Cubic Inches.		
06 13 23 00-0072 Douglas Fir, Heavy Timber Columns (06 13 23 00-0054)		
06 13 23 00-0073 LF 4" x 4", Douglas Fir, Heavy Timber Column.....	4.32	1.02
06 13 23 00-0074 LF 4" x 6", Douglas Fir, Heavy Timber Column.....	5.58	1.08
06 13 23 00-0075 LF 4" x 8", Douglas Fir, Heavy Timber Column.....	6.78	1.11
06 13 23 00-0076 LF 4" x 10", Douglas Fir, Heavy Timber Column.....	9.28	1.18
06 13 23 00-0077 LF 4" x 12", Douglas Fir, Heavy Timber Column.....	11.29	1.25
06 13 23 00-0078 LF 6" x 6", Douglas Fir, Heavy Timber Column.....	7.40	1.14
06 13 23 00-0079 LF 6" x 8", Douglas Fir, Heavy Timber Column.....	9.21	1.19
06 13 23 00-0080 LF 6" x 10", Douglas Fir, Heavy Timber Column.....	12.96	1.29



MINOR CSI UOM DESCRIPTION				TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 13 23 00-0081	LF	6" x 12", Douglas Fir, Heavy Timber Column.....	15.83	1.32	
06 13 23 00-0082	LF	8" x 8", Douglas Fir, Heavy Timber Column.....	11.61	1.25	
06 13 23 00-0083	LF	8" x 10", Douglas Fir, Heavy Timber Column.....	16.43	1.29	
06 13 23 00-0084	LF	8" x 12", Douglas Fir, Heavy Timber Column.....	20.27	1.35	
06 13 23 00-0085	LF	10" x 10", Douglas Fir, Heavy Timber Column.....	19.99	1.35	
06 13 23 00-0086	LF	10" x 12", Douglas Fir, Heavy Timber Column.....	24.84	1.43	
06 13 23 00-0087	LF	12" x 12", Douglas Fir, Heavy Timber Column.....	29.52	1.59	
06 13 23 00-0088	BF	>12" To 16" Douglas Fir, Heavy Timber Column	2.46	0.13	
Note: 1 Board Foot = 12" x 12" x 1" = 144 Cubic Inches.					
06 13 23 00-0089 Pressure Treated, Heavy Timber Columns (06 13 23 00-0054)					
06 13 23 00-0090	LF	4" x 4", Pressure Treated, Heavy Timber Column	4.42	1.02	
06 13 23 00-0091	LF	4" x 6", Pressure Treated, Heavy Timber Column	5.95	1.08	
06 13 23 00-0092	LF	4" x 8", Pressure Treated, Heavy Timber Column	7.22	1.11	
06 13 23 00-0093	LF	4" x 10", Pressure Treated, Heavy Timber Column	9.93	1.18	
06 13 23 00-0094	LF	4" x 12", Pressure Treated, Heavy Timber Column	12.12	1.25	
06 13 23 00-0095	LF	6" x 6", Pressure Treated, Heavy Timber Column	8.66	1.14	
06 13 23 00-0096	LF	6" x 8", Pressure Treated, Heavy Timber Column	10.93	1.19	
06 13 23 00-0097	LF	6" x 10", Pressure Treated, Heavy Timber Column	13.30	1.29	
06 13 23 00-0098	LF	6" x 12", Pressure Treated, Heavy Timber Column	16.70	1.32	
06 13 23 00-0099	LF	8" x 8", Pressure Treated, Heavy Timber Column	16.99	1.25	
06 13 23 00-0100	LF	8" x 10", Pressure Treated, Heavy Timber Column	19.98	1.29	
06 13 23 00-0101	LF	8" x 12", Pressure Treated, Heavy Timber Column	23.78	1.35	
06 13 23 00-0102	LF	10" x 10", Pressure Treated, Heavy Timber Column	23.90	1.35	
06 13 23 00-0103	LF	10" x 12", Pressure Treated, Heavy Timber Column	32.15	1.43	
06 13 23 00-0104	LF	12" x 12", Pressure Treated, Heavy Timber Column	38.29	1.59	
06 13 23 00-0105	BF	>12" To 16" Pressure Treated, Heavy Timber Column	3.19	0.13	
Note: 1 Board Foot = 12" x 12" x 1" = 144 Cubic Inches.					
06 15 Wood Decking (06 10)					
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, railing posts 8' on-center, pickets and railing. Excludes ground posts.					
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	36.98	7.70	
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	35.80	7.33	
06 15 13 00-0006	SF	2" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	38.37	7.90	
06 15 13 00-0007	SF	2" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	37.20	7.51	
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	38.23	7.90	
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	37.00	7.50	
06 15 13 00-0011	SF	2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	39.63	8.10	
06 15 13 00-0012	SF	2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center	38.44	7.69	
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	36.98	7.70	
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	35.80	7.33	
06 15 13 00-0016	SF	2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	38.37	7.90	
06 15 13 00-0017	SF	2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	37.20	7.51	
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	39.47	7.70	
06 15 13 00-0021	SF	5/4" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	38.40	7.09	
06 15 13 00-0022	SF	2" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	41.48	7.90	
06 15 13 00-0023	SF	2" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System	40.13	7.51	
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	42.13	7.90	
06 15 13 00-0026	SF	5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	41.01	7.50	
06 15 13 00-0027	SF	2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	44.29	8.10	
06 15 13 00-0028	SF	2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System	42.94	7.69	

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 15 Wood Decking**

MINOR CSI UOM DESCRIPTION			TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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	40.46	7.70
06 15 13 00-0031	SF	5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	39.40	7.33
06 15 13 00-0032	SF	2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	42.53	7.90
06 15 13 00-0033	SF	2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System	41.98	7.51
06 15 13 00-0034		Wood Ramp Systems (06 15 13)		
		Note: Includes the decking, joists, girders, railing posts at corners and along ramp, pickets and railing. Excludes ground posts.		
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	43.08	7.51
06 15 13 00-0038	SF	5/4" x 6" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	41.56	7.13
06 15 13 00-0039	SF	2" x 4" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	44.58	7.70
06 15 13 00-0040	SF	2" x 6" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	43.06	7.33
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	44.43	7.70
06 15 13 00-0043	SF	5/4" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	42.88	7.33
06 15 13 00-0044	SF	2" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	46.02	7.90
06 15 13 00-0045	SF	2" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	44.46	7.51
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	45.86	7.89
06 15 13 00-0048	SF	5/4" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	44.27	7.50
06 15 13 00-0049	SF	2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	47.47	8.10
06 15 13 00-0050	SF	2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	45.89	7.69
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	45.42	7.51
06 15 13 00-0054	SF	5/4" x 6" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	44.00	7.13
06 15 13 00-0055	SF	2" x 4" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	47.51	7.70
06 15 13 00-0056	SF	2" x 6" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	45.81	7.33
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	46.92	7.70
06 15 13 00-0059	SF	5/4" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	45.48	7.33
06 15 13 00-0060	SF	2" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	49.13	7.90
06 15 13 00-0061	SF	2" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	47.39	7.51
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	49.77	7.89
06 15 13 00-0064	SF	5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	48.28	7.50
06 15 13 00-0065	SF	2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	52.13	8.10
06 15 13 00-0066	SF	2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	50.90	7.69
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	43.91	7.51
06 15 13 00-0070	SF	5/4" x 6" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	42.42	7.13
06 15 13 00-0071	SF	2" x 4" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	45.48	7.70
06 15 13 00-0072	SF	2" x 6" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	44.00	7.33
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	45.31	7.70
06 15 13 00-0075	SF	5/4" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	43.80	7.33
06 15 13 00-0076	SF	2" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	46.97	7.90
06 15 13 00-0077	SF	2" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	45.46	7.51
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	46.81	7.89



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 15 13 00-0080	SF	5/4" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	45.25	7.50
06 15 13 00-0081	SF	2" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	48.49	8.10
06 15 13 00-0082	SF	2" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	46.95	7.69
06 15 13 00-0083		Wood Stair Systems (06 15 13) Note: Includes the decking, joists, girders, railing posts at corners and along stairs, pickets and railing. Excludes ground posts.		
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.....	117.00	18.49
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.....	114.14	17.56
06 15 13 00-0088	RSR	3' Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	120.61	18.96
06 15 13 00-0089	RSR	3' Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	117.16	18.01
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.....	122.85	19.41
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.....	119.83	18.45
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.....	126.65	19.91
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.....	123.02	18.92
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.....	128.85	20.39
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.....	125.68	19.36
06 15 13 00-0096	RSR	4' Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	132.83	20.91
06 15 13 00-0097	RSR	4' Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	129.02	19.85
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.....	136.80	21.40
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.....	133.56	20.33
06 15 13 00-0100	RSR	5' Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	141.05	21.96
06 15 13 00-0101	RSR	5' Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	137.11	20.86
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.....	119.49	18.95
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.....	116.08	18.00
06 15 13 00-0105	RSR	3' Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	123.32	19.43
06 15 13 00-0106	RSR	3' Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	119.85	18.47
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.....	125.47	19.90
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.....	121.89	18.91
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.....	129.49	20.41
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.....	125.84	19.38
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.....	131.62	20.89
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.....	127.84	19.84
06 15 13 00-0113	RSR	4' Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	135.82	21.42
06 15 13 00-0114	RSR	4' Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	131.98	20.37
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.....	139.72	21.95
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.....	135.83	20.85
06 15 13 00-0117	RSR	5' Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	144.20	22.50
06 15 13 00-0118	RSR	5' Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	140.24	21.37
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.....	130.79	18.49
06 15 13 00-0122	RSR	3' Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	127.80	17.56
06 15 13 00-0123	RSR	3' Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	135.26	18.96
06 15 13 00-0124	RSR	3' Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	132.25	18.01
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.....	137.33	19.41
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.....	134.18	18.45
06 15 13 00-0127	RSR	3'-6" Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	142.03	19.91
06 15 13 00-0128	RSR	3'-6" Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	138.86	18.92
06 15 13 00-0129	RSR	4' Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	143.98	20.39
06 15 13 00-0130	RSR	4' Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	140.68	19.36
06 15 13 00-0131	RSR	4' Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	148.91	20.91
06 15 13 00-0132	RSR	4' Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	145.57	19.85
06 15 13 00-0133	RSR	5' Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	153.45	21.40
06 15 13 00-0134	RSR	5' Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	150.06	20.33
06 15 13 00-0135	RSR	5' Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	158.73	21.96
06 15 13 00-0136	RSR	5' Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	155.32	20.86
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.....	129.22	18.95
06 15 13 00-0139	RSR	3' Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	126.16	18.00
06 15 13 00-0140	RSR	3' Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	133.45	19.43
06 15 13 00-0141	RSR	3' Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	130.45	18.47
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.....	135.69	19.90
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.....	132.47	18.91
06 15 13 00-0144	RSR	3'-6" Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	140.12	20.41
06 15 13 00-0145	RSR	3'-6" Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	136.97	19.38
06 15 13 00-0146	RSR	4' Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	142.29	20.89
06 15 13 00-0147	RSR	4' Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	138.89	19.84

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 15 Wood Decking**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 15 13 00-0148	RSR	4' Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	146.93	21.42
06 15 13 00-0149	RSR	4' Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	143.61	20.37
06 15 13 00-0150	RSR	5' Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	151.46	21.95
06 15 13 00-0151	RSR	5' Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	147.99	20.85
06 15 13 00-0152	RSR	5' Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	156.42	22.50
06 15 13 00-0153	RSR	5' Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	153.03	21.37
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 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.....	2.01	0.84
06 15 13 00-0158	LF	5/4" x 6" Round Edge Pressure Treated Deck Boards.....	2.23	1.00
06 15 13 00-0159	LF	2" x 4" Round Edge Pressure Treated Deck Boards.....	2.14	1.00
06 15 13 00-0160	LF	2" x 6" Round Edge Pressure Treated Deck Boards.....	2.79	1.15
06 15 13 00-0161	LF	2" x 8" Round Edge Pressure Treated Deck Boards.....	3.55	1.37
06 15 13 00-0162	LF	2" x 10" Round Edge Pressure Treated Deck Boards.....	4.35	1.69
06 15 13 00-0163	LF	2" x 12" Round Edge Pressure Treated Deck Boards.....	5.35	1.99
06 15 13 00-0164	LF	2" x 4" Round Edge Cedar Deck Boards	2.46	1.00
06 15 13 00-0165	LF	2" x 6" Round Edge Cedar Deck Boards	3.16	1.15
06 15 13 00-0166	LF	2" x 4" Round Edge Redwood Deck Boards	2.68	1.00
06 15 13 00-0167	LF	2" x 6" Round Edge Redwood Deck Boards	3.50	1.15
06 15 13 00-0168		Deck Posts (06 15 13 00-0154) See CSI section 06 11 16 00-0105 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.....	2.14	1.00
06 15 13 00-0171	LF	2" x 2" Pressure Treated Deck Railing Picket.....	1.55	0.76
06 15 13 00-0172	LF	2" x 4" Cedar Deck Railing.....	2.46	1.00
06 15 13 00-0173	LF	2" x 2" Cedar Deck Railing Picket.....	1.86	0.76
06 15 13 00-0174	LF	2" x 4" Redwood Deck Railing	2.68	1.00
06 15 13 00-0175	LF	2" x 2" Redwood Deck Railing Picket.....	2.03	0.76
06 16 Sheathing (06 16)				
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..... Note: 4 Sides Laid In A Regular Pattern.	3.29	0.87
		For Water Resistant Coating Or Treatment, Add	0.08	
		For Foil Backing, Add	0.13	
		For Tongue And Groove, Add	0.09	
06 16 23 00-0003	SF	1" x 8" Diagonal Surface Board Type Subfloor	3.65	1.10
		Note: 4 Sides Laid In A Diagonal Pattern.		
		For Water Resistant Coating Or Treatment, Add	0.08	
		For Foil Backing, Add	0.13	
		For Tongue And Groove, Add	0.09	
06 16 23 00-0004	SF	1" x 10" Regular Surface Board Type Subfloor..... Note: 4 sides laid in a regular pattern.	3.16	0.76
		For Water Resistant Coating Or Treatment, Add	0.08	
		For Foil Backing, Add	0.14	
		For Tongue And Groove, Add	0.10	
06 16 23 00-0005	SF	1" x 10" Diagonal Surface Board Type Subfloor	3.42	0.87
		Note: 4 sides laid in a diagonal pattern.		
		For Water Resistant Coating Or Treatment, Add	0.08	
		For Foil Backing, Add	0.14	
		For Tongue And Groove, Add	0.10	
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)		



Wood, Plastics, and Composites			06	06
Rough Carpentry			06 10	
Sheathing			06 16	

MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
06 16 33 00-0003	SF	3/8" Thick CDX Plywood Roof Decking	1.99	0.55
		Note: Applied to wood rafters.		
		For Shear Wall Construction, Add	0.26	
		For Exterior CC Grade Plywood, Add	0.11	
		For Application To Metal Studs, Joists, Or Rafters, Add	0.26	
		For ACQ Preservative Treatment, Add	0.34	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	1.94	
		For Fire Retardant Treatment, Add	0.55	
		For >1,696 To 3,200, Deduct	-0.04	
		For >3,200 To 6,400, Deduct	-0.06	
		For >6,400 To 12,800, Deduct	-0.11	
		For >12,800, Deduct	-0.15	
06 16 33 00-0004	SF	1/2" Thick CDX Plywood Roof Decking	2.25	0.66
		Note: Applied to wood rafters.		
		For Shear Wall Construction, Add	0.28	
		For Exterior CC Grade Plywood, Add	0.13	
		For Application To Metal Studs, Joists, Or Rafters, Add	0.28	
		For ACQ Preservative Treatment, Add	0.41	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.10	
		For Fire Retardant Treatment, Add	0.67	
		For >1,696 To 3,200, Deduct	-0.05	
		For >3,200 To 6,400, Deduct	-0.08	
		For >6,400 To 12,800, Deduct	-0.13	
		For >12,800, Deduct	-0.17	
06 16 33 00-0005	SF	5/8" Thick CDX Plywood Roof Decking	2.60	0.66
		Note: Applied to wood rafters.		
		For Shear Wall Construction, Add	0.30	
		For Exterior CC Grade Plywood, Add	0.16	
		For Application To Metal Studs, Joists, Or Rafters, Add	0.30	
		For ACQ Preservative Treatment, Add	0.52	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.27	
		For Fire Retardant Treatment, Add	0.86	
		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	-0.16	
		For >12,800, Deduct	-0.21	
		For Tongue And Groove, Add	0.08	
06 16 33 00-0006	SF	3/4" Thick CDX Plywood Roof Decking	2.89	0.76
		Note: Applied to wood rafters.		
		For Shear Wall Construction, Add	0.33	
		For Exterior CC Grade Plywood, Add	0.19	
		For Application To Metal Studs, Joists, Or Rafters, Add	0.33	
		For ACQ Preservative Treatment, Add	0.60	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.45	
		For Fire Retardant Treatment, Add	1.00	
		For >1,696 To 3,200, Deduct	-0.08	
		For >3,200 To 6,400, Deduct	-0.11	
		For >6,400 To 12,800, Deduct	-0.18	
		For >12,800, Deduct	-0.23	
		For Tongue And Groove, Add	0.09	
06 16 33 00-0007	SF	1" Thick CDX Plywood Roof Decking	3.49	0.87
		Note: Applied to wood rafters.		
		For Shear Wall Construction, Add	0.36	
		For Exterior CC Grade Plywood, Add	0.26	
		For Application To Metal Studs, Joists, Or Rafters, Add	0.36	
		For ACQ Preservative Treatment, Add	0.82	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.67	
		For Fire Retardant Treatment, Add	1.35	
		For >1,696 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 Tongue And Groove, Add	0.12	
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	2.32	0.76
		Note: Applied to wall studs.		
		For Shear Wall Construction, Add	0.33	
		For Exterior CC Grade Plywood, Add	0.10	
		For Application To Metal Studs, Joists, Or Rafters, Add	0.33	
		For Ceiling Installation, Add	0.16	
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.45	
		For Fire Retardant Treatment, Add	0.55	
		For >1,696 To 3,200, Deduct	-0.04	
		For >3,200 To 6,400, Deduct	-0.06	
		For >6,400 To 12,800, Deduct	-0.12	
		For >12,800, Deduct	-0.16	

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 00-0010	SF	5/16" Interior BC Plywood Wall Sheathing.....	2.36	0.76	
		Note: Applied to wall studs.			
		For Shear Wall Construction, Add	0.33		
		For Exterior CC Grade Plywood, Add	0.11		
		For Application To Metal Studs, Joists, Or Rafters, Add	0.33		
		For Ceiling Installation, Add	0.16		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.45		
		For Fire Retardant Treatment, Add	0.58		
		For >1,696 To 3,200, Deduct	-0.04		
		For >3,200 To 6,400, Deduct	-0.07		
		For >6,400 To 12,800, Deduct	-0.12		
		For >12,800, Deduct	-0.17		
06 16 33 00-0011	SF	3/8" Interior BC Plywood Wall Sheathing.....	2.42	0.87	
		Note: Applied to wall studs.			
		For Shear Wall Construction, Add	0.33		
		For Exterior CC Grade Plywood, Add	0.12		
		For Application To Metal Studs, Joists, Or Rafters, Add	0.33		
		For Ceiling Installation, Add	0.16		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.45		
		For Fire Retardant Treatment, Add	0.62		
		For >1,696 To 3,200, Deduct	-0.05		
		For >3,200 To 6,400, Deduct	-0.07		
		For >6,400 To 12,800, Deduct	-0.13		
		For >12,800, Deduct	-0.18		
06 16 33 00-0012	SF	1/2" Interior BC Plywood Wall Sheathing.....	2.74	0.87	
		Note: Applied to wall studs.			
		For Shear Wall Construction, Add	0.35		
		For Exterior CC Grade Plywood, Add	0.15		
		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	2.61		
		For Fire Retardant Treatment, Add	0.79		
		For >1,696 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	-0.21		
06 16 33 00-0013	SF	5/8" Interior BC Plywood Wall Sheathing.....	3.11	0.99	
		Note: Applied to wall studs.			
		For Shear Wall Construction, Add	0.37		
		For Exterior CC Grade Plywood, Add	0.19		
		For Application To Metal Studs, Joists, Or Rafters, Add	0.37		
		For Ceiling Installation, Add	0.19		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.81		
		For Fire Retardant Treatment, Add	0.98		
		For >1,696 To 3,200, Deduct	-0.07		
		For >3,200 To 6,400, Deduct	-0.11		
		For >6,400 To 12,800, Deduct	-0.18		
		For >12,800, Deduct	-0.24		
06 16 33 00-0014	SF	3/4" Interior BC Plywood Wall Sheathing.....	3.43	1.10	
		Note: Applied to wall studs.			
		For Shear Wall Construction, Add	0.40		
		For Exterior CC Grade Plywood, Add	0.21		
		For Application To Metal Studs, Joists, Or Rafters, Add	0.40		
		For Ceiling Installation, Add	0.20		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	3.02		
		For Fire Retardant Treatment, Add	1.12		
		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	-0.21		
		For >12,800, Deduct	-0.27		
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.....	1.77	0.66	
		Note: Applied to floor or joists.			
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	1.85		
		For Fire Retardant Treatment, Add	0.43		
		For >1,696 To 3,200, Deduct	-0.03		
		For >3,200 To 6,400, Deduct	-0.05		
		For >6,400 To 12,800, Deduct	-0.09		
		For >12,800, Deduct	-0.13		
		For ACQ Preservative Treatment, Add	0.26		
		For Fir Plywood, Add	0.10		
		For BC Grade Plywood, Add	0.08		
		For Exterior Glue, Add	0.05		
		For Marine Grade, Add	0.42		



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0017	SF		3/8" CD Grade Plywood Floor Decking.....	1.86	0.66
			Note: Applied to floor or joists.		
			For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	1.94	
			For Fire Retardant Treatment, Add	0.45	
			For >1,696 To 3,200, Deduct	-0.03	
			For >3,200 To 6,400, Deduct	-0.05	
			For >6,400 To 12,800, Deduct	-0.09	
			For >12,800, Deduct	-0.13	
			For ACQ Preservative Treatment, Add	0.27	
			For Fir Plywood, Add	0.11	
			For BC Grade Plywood, Add	0.08	
			For Exterior Glue, Add	0.05	
			For Marine Grade, Add	0.45	
06 16 33 00-0018	SF		1/2" CD Grade Plywood Floor Decking.....	2.12	0.66
			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	0.60	
			For >1,696 To 3,200, Deduct	-0.05	
			For >3,200 To 6,400, Deduct	-0.07	
			For >6,400 To 12,800, Deduct	-0.12	
			For >12,800, Deduct	-0.16	
			For ACQ Preservative Treatment, Add	0.36	
			For Fir Plywood, Add	0.14	
			For BC Grade Plywood, Add	0.11	
			For Exterior Glue, Add	0.07	
			For Marine Grade, Add	0.60	
06 16 33 00-0019	SF		5/8" CD Grade Plywood Floor Decking.....	2.44	0.66
			Note: Applied to floor or joists.		
			For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.24	
			For Fire Retardant Treatment, Add	0.75	
			For >1,696 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	-0.19	
			For ACQ Preservative Treatment, Add	0.46	
			For Fir Plywood, Add	0.18	
			For BC Grade Plywood, Add	0.14	
			For Exterior Glue, Add	0.09	
			For Marine Grade, Add	0.74	
06 16 33 00-0020	SF		3/4" CD Grade Plywood Floor Decking.....	2.79	0.66
			Note: Applied to floor or joists.		
			For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.37	
			For Fire Retardant Treatment, Add	0.96	
			For >1,696 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 ACQ Preservative Treatment, Add	0.58	
			For Fir Plywood, Add	0.22	
			For BC Grade Plywood, Add	0.18	
			For Exterior Glue, Add	0.11	
			For Marine Grade, Add	0.95	
06 16 33 00-0021	SF		1-1/8" CD Grade Plywood Floor Decking.....	4.17	0.99
			Note: Applied to floor or joists.		
			For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.82	
			For Fire Retardant Treatment, Add	1.81	
			For >1,696 To 3,200, Deduct	-0.14	
			For >3,200 To 6,400, Deduct	-0.21	
			For >6,400 To 12,800, Deduct	-0.30	
			For >12,800, Deduct	-0.37	
			For ACQ Preservative Treatment, Add	1.10	
			For Fir Plywood, Add	0.42	
			For BC Grade Plywood, Add	0.34	
			For Exterior Glue, Add	0.21	
			For Marine Grade, Add	1.79	
06 16 33 00-0022	SF		1/2" AC Fir Plywood Floor Decking.....	2.57	0.66
			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	0.96	
			For >1,696 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	-0.21	
			For ACQ Preservative Treatment, Add	0.58	
			For Exterior Glue, Add	0.11	
			For Marine Grade, Add	0.95	
			For Tongue And Groove, Add	0.08	

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 00-0023	SF		5/8" AC Fir Plywood Floor Decking.....	2.96	0.66
			Note: Applied to floor or joists.		
			For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.24	
			For Fire Retardant Treatment, Add	1.16	
			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	-0.20	
			For >12,800, Deduct	-0.25	
			For ACQ Preservative Treatment, Add	0.71	
			For Exterior Glue, Add	0.14	
			For Marine Grade, Add	1.15	
			For Tongue And Groove, Add	0.10	
06 16 33 00-0024	SF		3/4" AC Fir Plywood Floor Decking.....	3.18	0.66
			Note: Applied to floor or joists.		
			For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.37	
			For Fire Retardant Treatment, Add	1.26	
			For >1,696 To 3,200, Deduct	-0.10	
			For >3,200 To 6,400, Deduct	-0.14	
			For >6,400 To 12,800, Deduct	-0.22	
			For >12,800, Deduct	-0.27	
			For ACQ Preservative Treatment, Add	0.77	
			For Exterior Glue, Add	0.15	
			For Marine Grade, Add	1.25	
			For Tongue And Groove, Add	0.11	
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.....	1.90	0.66
			For Fire Retardant Treatment, Add	0.51	
			For >1,696 To 3,200, Deduct	-0.04	
			For >3,200 To 6,400, Deduct	-0.06	
			For >6,400 To 12,800, Deduct	-0.09	
			For >12,800, Deduct	-0.14	
06 16 33 00-0027	SF		3/8" Thick Plywood Underlayment BC Grade.....	2.03	0.66
			For Fire Retardant Treatment, Add	0.55	
			For >1,696 To 3,200, Deduct	-0.04	
			For >3,200 To 6,400, Deduct	-0.06	
			For >6,400 To 12,800, Deduct	-0.10	
			For >12,800, Deduct	-0.15	
06 16 33 00-0028	SF		1/2" Thick Plywood Underlayment BC Grade.....	2.11	0.76
			For Fire Retardant Treatment, Add	0.60	
			For >1,696 To 3,200, Deduct	-0.05	
			For >3,200 To 6,400, Deduct	-0.07	
			For >6,400 To 12,800, Deduct	-0.10	
			For >12,800, Deduct	-0.16	
06 16 33 00-0029	SF		5/8" Thick Plywood Underlayment BC Grade.....	2.41	0.76
			For Fire Retardant Treatment, Add	0.71	
			For >1,696 To 3,200, Deduct	-0.05	
			For >3,200 To 6,400, Deduct	-0.08	
			For >6,400 To 12,800, Deduct	-0.12	
			For >12,800, Deduct	-0.18	
			For Tongue And Groove, Add	0.06	
06 16 33 00-0030	SF		3/4" Thick Plywood Underlayment BC Grade.....	2.60	0.76
			For Fire Retardant Treatment, Add	0.86	
			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	-0.14	
			For >12,800, Deduct	-0.21	
			For Tongue And Groove, Add	0.08	
06 16 33 00-0031	SF		1-1/8" Thick Plywood Underlayment BC Grade.....	3.35	0.87
			For Fire Retardant Treatment, Add	1.31	
			For >1,696 To 3,200, Deduct	-0.10	
			For >3,200 To 6,400, Deduct	-0.15	
			For >6,400 To 12,800, Deduct	-0.19	
			For >12,800, Deduct	-0.28	
			For Tongue And Groove, Add	0.12	
06 16 33 00-0032	SF		3/8" Thick CDX Plywood Underlayment Grade.....	2.19	0.66
			For Fire Retardant Treatment, Add	0.68	
			For >1,696 To 3,200, Deduct	-0.05	
			For >3,200 To 6,400, Deduct	-0.08	
			For >6,400 To 12,800, Deduct	-0.11	
			For >12,800, Deduct	-0.17	
06 16 33 00-0033	SF		5/8" Thick CDX Plywood Underlayment Grade.....	2.79	0.76
			For Fire Retardant Treatment, Add	1.03	
			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	-0.23	
06 16 33 00-0034			Oriented Strand Board (06 16 33)		
06 16 33 00-0035			On Roof (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 00-0036	SF		3/8" Thick Structural Oriented Strand Board (OSB) On Roof.....	1.71	0.66
			For >1,408 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 Fire Retardant Treatment, Add	0.33	
			For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	1.94	
06 16 33 00-0037	SF		1/2" Thick Structural Oriented Strand Board (OSB) On Roof.....	1.89	0.66
			For >1,408 To 3,200, Deduct	-0.03	
			For >3,200 To 6,400, Deduct	-0.04	
			For >6,400 To 12,800, Deduct	-0.09	
			For >12,800, Deduct	-0.13	
			For Fire Retardant Treatment, Add	0.39	
			For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	2.10	
06 16 33 00-0038	SF		5/8" Thick Structural Oriented Strand Board (OSB) On Roof.....	2.22	0.76
			For >1,408 To 3,200, Deduct	-0.04	
			For >3,200 To 6,400, Deduct	-0.06	
			For >6,400 To 12,800, Deduct	-0.12	
			For >12,800, Deduct	-0.16	
			For Fire Retardant Treatment, Add	0.56	
			For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	2.27	
06 16 33 00-0039	SF		3/4" Thick Structural Oriented Strand Board (OSB) On Roof.....	2.57	0.76
			For >1,408 To 3,200, Deduct	-0.06	
			For >3,200 To 6,400, Deduct	-0.08	
			For >6,400 To 12,800, Deduct	-0.14	
			For >12,800, Deduct	-0.19	
			For Fire Retardant Treatment, Add	0.74	
			For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	2.45	
06 16 33 00-0040			On Walls (06 16 33 00-0034)		
06 16 33 00-0041	SF		3/8" Thick Structural Oriented Strand Board (OSB) On Walls.....	2.05	0.76
			For >1,408 To 3,200, Deduct	-0.03	
			For >3,200 To 6,400, Deduct	-0.04	
			For >6,400 To 12,800, Deduct	-0.09	
			For >12,800, Deduct	-0.13	
			For Fire Retardant Treatment, Add	0.33	
			For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	2.45	
06 16 33 00-0042	SF		1/2" Thick Structural Oriented Strand Board (OSB) On Walls.....	2.23	0.87
			For >1,408 To 3,200, Deduct	-0.03	
			For >3,200 To 6,400, Deduct	-0.04	
			For >6,400 To 12,800, Deduct	-0.10	
			For >12,800, Deduct	-0.15	
			For Fire Retardant Treatment, Add	0.39	
			For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	2.61	
06 16 33 00-0043	SF		5/8" Thick Structural Oriented Strand Board (OSB) On Walls.....	2.58	0.99
			For >1,408 To 3,200, Deduct	-0.04	
			For >3,200 To 6,400, Deduct	-0.06	
			For >6,400 To 12,800, Deduct	-0.12	
			For >12,800, Deduct	-0.18	
			For Fire Retardant Treatment, Add	0.56	
			For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	2.81	
06 16 33 00-0044	SF		3/4" Thick Structural Oriented Strand Board (OSB) On Walls.....	2.95	0.99
			For >1,408 To 3,200, Deduct	-0.06	
			For >3,200 To 6,400, Deduct	-0.08	
			For >6,400 To 12,800, Deduct	-0.15	
			For >12,800, Deduct	-0.21	
			For Fire Retardant Treatment, Add	0.74	
			For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	3.02	
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 (OSB) On Floors.....	1.73	0.66
			For >1,408 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	-0.12	
			For Fire Retardant Treatment, Add	0.33	
			For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	1.97	
06 16 33 00-0047	SF		1/2" Thick Structural Oriented Strand Board (OSB) On Floors.....	2.07	0.76
			For >1,408 To 3,200, Deduct	-0.03	
			For >3,200 To 6,400, Deduct	-0.04	
			For >6,400 To 12,800, Deduct	-0.09	
			For >12,800, Deduct	-0.14	
			For Fire Retardant Treatment, Add	0.39	
			For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	2.37	
06 16 33 00-0048	SF		5/8" Thick Structural Oriented Strand Board (OSB) On Floors.....	2.43	0.87
			For >1,408 To 3,200, Deduct	-0.04	
			For >3,200 To 6,400, Deduct	-0.06	
			For >6,400 To 12,800, Deduct	-0.12	
			For >12,800, Deduct	-0.17	
			For Fire Retardant Treatment, Add	0.56	
			For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	2.58	

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 00-0049 SF 3/4" Thick Structural Oriented Strand Board (OSB) On Floors For >1,408 To 3,200, Deduct For >3,200 To 6,400, Deduct For >6,400 To 12,800, Deduct For >12,800, Deduct For Fire Retardant Treatment, Add For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	2.81 -0.06 -0.08 -0.15 -0.21 0.74 2.81	0.99
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 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	1.93 0.51 -0.04 -0.06 -0.10 -0.14 0.04	0.55
06 16 33 00-0053 SF 1/2" 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	2.23 0.69 -0.05 -0.08 -0.13 -0.17 0.06	0.55
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	2.52 0.86 -0.07 -0.10 -0.16 -0.20 0.08	0.66
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	2.81 1.01 -0.08 -0.12 -0.18 -0.23 0.09	0.66
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	3.23 2.61 0.35 0.17 -0.09 -0.13 -0.21 -0.27	0.87
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	3.50 2.81 0.37 0.19 -0.10 -0.15 -0.23 -0.29	1.10
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)	7.07 7.71 8.46 9.41 10.12 11.11 12.53 17.03	1.89 1.92 1.95 1.98 2.01 2.08 2.12 2.41

06 17 23 Parallel Strand Lumber (06 17)



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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)	2.44	0.87
06 17 23 00-0003	LF		2" x 6" Laminated Strand Lumber (LSL)	3.24	0.93
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	4.50	1.29
			For I-Joists 30' To 40' In Length, Add	0.56	
			For I-Joists >40' In Length, Add	1.38	
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	4.87	1.43
			For I-Joists 30' To 40' In Length, Add	0.63	
			For I-Joists >40' In Length, Add	1.54	
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	5.68	1.60
			For I-Joists 30' To 40' In Length, Add	0.71	
			For I-Joists >40' In Length, Add	1.74	
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	6.38	1.79
			For I-Joists 30' To 40' In Length, Add	0.79	
			For I-Joists >40' In Length, Add	1.93	
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	5.85	1.95
06 17 43 00-0003	LF		1-1/8" Wide x 11-7/8" Deep, Oriented Strand Board (OSB) Rim Board	6.36	1.98
06 17 43 00-0004	LF		1-1/8" Wide x 14" Deep, Oriented Strand Board (OSB) Rim Board	6.96	2.01
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	185.83	75.07
			For Up To 15, Add	2.68	
			For >35, Deduct	-1.78	
			For 3 In 12 Slope, Add	1.07	
			For 5 In 12 Slope, Add	2.86	
			For 6 In 12 Slope, Add	5.35	
			For 7 In 12 Slope, Add	7.14	
			For 8 In 12 Slope, Add	8.57	
06 17 53 00-0003	EA		12' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	206.12	82.23
			For Up To 15, Add	3.13	
			For >35, Deduct	-2.08	
			For 3 In 12 Slope, Add	1.25	
			For 5 In 12 Slope, Add	3.33	
			For 6 In 12 Slope, Add	6.25	
			For 7 In 12 Slope, Add	8.34	
			For 8 In 12 Slope, Add	10.00	
06 17 53 00-0004	EA		14' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	228.90	89.37
			For Up To 15, Add	3.76	
			For >35, Deduct	-2.51	
			For 3 In 12 Slope, Add	1.50	
			For 5 In 12 Slope, Add	4.01	
			For 6 In 12 Slope, Add	7.52	
			For 7 In 12 Slope, Add	10.03	
			For 8 In 12 Slope, Add	12.04	
06 17 53 00-0005	EA		16' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	258.22	96.52
			For Up To 15, Add	4.89	
			For >35, Deduct	-3.26	
			For 3 In 12 Slope, Add	1.96	
			For 5 In 12 Slope, Add	5.21	
			For 6 In 12 Slope, Add	9.78	
			For 7 In 12 Slope, Add	13.04	
			For 8 In 12 Slope, Add	15.64	
06 17 53 00-0006	EA		18' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	283.78	103.67
			For Up To 15, Add	5.73	
			For >35, Deduct	-3.82	
			For 3 In 12 Slope, Add	2.29	
			For 5 In 12 Slope, Add	6.12	
			For 6 In 12 Slope, Add	11.47	
			For 7 In 12 Slope, Add	15.29	
			For 8 In 12 Slope, Add	18.35	
06 17 53 00-0007	EA		20' Pre-Assembled Wood Roof Truss, 4 In 12 Slope	300.16	114.39
			For Up To 15, Add	5.35	
			For >35, Deduct	-3.57	
			For 3 In 12 Slope, Add	2.14	
			For 5 In 12 Slope, Add	5.71	
			For 6 In 12 Slope, Add	10.71	
			For 7 In 12 Slope, Add	14.27	
			For 8 In 12 Slope, Add	17.13	

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 00-0008	EA		22' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	316.54	182.32
			For Up To 15, Add	5.51	
			For >35, Deduct	-3.67	
			For 3 In 12 Slope, Add	2.20	
			For 5 In 12 Slope, Add	5.88	
			For 6 In 12 Slope, Add	11.02	
			For 7 In 12 Slope, Add	14.69	
			For 8 In 12 Slope, Add	17.63	
06 17 53 00-0009	EA		24' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	337.07	128.69
			For Up To 15, Add	5.98	
			For >35, Deduct	-3.98	
			For 3 In 12 Slope, Add	2.39	
			For 5 In 12 Slope, Add	6.37	
			For 6 In 12 Slope, Add	11.95	
			For 7 In 12 Slope, Add	15.94	
			For 8 In 12 Slope, Add	19.12	
06 17 53 00-0010	EA		26' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	358.27	203.76
			For Up To 15, Add	6.49	
			For >35, Deduct	-4.33	
			For 3 In 12 Slope, Add	2.60	
			For 5 In 12 Slope, Add	6.93	
			For 6 In 12 Slope, Add	12.99	
			For 7 In 12 Slope, Add	17.32	
			For 8 In 12 Slope, Add	20.78	
06 17 53 00-0011	EA		28' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	380.37	142.99
			For Up To 15, Add	7.08	
			For >35, Deduct	-4.72	
			For 3 In 12 Slope, Add	2.83	
			For 5 In 12 Slope, Add	7.55	
			For 6 In 12 Slope, Add	14.16	
			For 7 In 12 Slope, Add	18.88	
			For 8 In 12 Slope, Add	22.65	
06 17 53 00-0012	EA		30' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	397.66	225.21
			For Up To 15, Add	7.30	
			For >35, Deduct	-4.87	
			For 3 In 12 Slope, Add	2.92	
			For 5 In 12 Slope, Add	7.79	
			For 6 In 12 Slope, Add	14.61	
			For 7 In 12 Slope, Add	19.48	
			For 8 In 12 Slope, Add	23.37	
06 17 53 00-0013	EA		32' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	414.55	153.71
			For Up To 15, Add	8.03	
			For >35, Deduct	-5.36	
			For 3 In 12 Slope, Add	3.21	
			For 5 In 12 Slope, Add	8.57	
			For 6 In 12 Slope, Add	16.07	
			For 7 In 12 Slope, Add	21.42	
			For 8 In 12 Slope, Add	25.71	
06 17 53 00-0014	EA		34' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	450.17	241.37
			For Up To 15, Add	9.63	
			For >35, Deduct	-6.42	
			For 3 In 12 Slope, Add	3.85	
			For 5 In 12 Slope, Add	10.27	
			For 6 In 12 Slope, Add	19.26	
			For 7 In 12 Slope, Add	25.69	
			For 8 In 12 Slope, Add	30.82	
06 17 53 00-0015	EA		36' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	467.42	164.44
			For Up To 15, Add	10.39	
			For >35, Deduct	-6.93	
			For 3 In 12 Slope, Add	4.16	
			For 5 In 12 Slope, Add	11.08	
			For 6 In 12 Slope, Add	20.78	
			For 7 In 12 Slope, Add	27.71	
			For 8 In 12 Slope, Add	33.25	
06 17 53 00-0016	EA		38' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	491.19	257.39
			For Up To 15, Add	11.10	
			For >35, Deduct	-7.40	
			For 3 In 12 Slope, Add	4.44	
			For 5 In 12 Slope, Add	11.84	
			For 6 In 12 Slope, Add	22.20	
			For 7 In 12 Slope, Add	29.60	
			For 8 In 12 Slope, Add	35.52	
06 17 53 00-0017	EA		40' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	508.66	178.74
			For Up To 15, Add	11.34	
			For >35, Deduct	-7.56	
			For 3 In 12 Slope, Add	4.54	
			For 5 In 12 Slope, Add	12.09	
			For 6 In 12 Slope, Add	22.68	
			For 7 In 12 Slope, Add	30.23	
			For 8 In 12 Slope, Add	36.28	



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 00-0018	EA		42' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	554.91	278.83
			For Up To 15, Add	13.73	
			For >35, Deduct	-9.16	
			For 3 In 12 Slope, Add	5.49	
			For 5 In 12 Slope, Add	14.65	
			For 6 In 12 Slope, Add	27.47	
			For 7 In 12 Slope, Add	36.63	
			For 8 In 12 Slope, Add	43.95	
06 17 53 00-0019	EA		44' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	600.31	193.04
			For Up To 15, Add	16.07	
			For >35, Deduct	-10.71	
			For 3 In 12 Slope, Add	6.43	
			For 5 In 12 Slope, Add	17.14	
			For 6 In 12 Slope, Add	32.13	
			For 7 In 12 Slope, Add	42.85	
			For 8 In 12 Slope, Add	51.42	
06 17 53 00-0020	EA		46' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	621.51	200.19
			For Up To 15, Add	16.58	
			For >35, Deduct	-11.06	
			For 3 In 12 Slope, Add	6.63	
			For 5 In 12 Slope, Add	17.69	
			For 6 In 12 Slope, Add	33.17	
			For 7 In 12 Slope, Add	44.23	
			For 8 In 12 Slope, Add	53.07	
06 17 53 00-0021	EA		48' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	651.06	207.34
			For Up To 15, Add	17.73	
			For >35, Deduct	-11.82	
			For 3 In 12 Slope, Add	7.09	
			For 5 In 12 Slope, Add	18.91	
			For 6 In 12 Slope, Add	35.46	
			For 7 In 12 Slope, Add	47.28	
			For 8 In 12 Slope, Add	56.73	
06 17 53 00-0022	EA		50' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	731.55	214.49
			For Up To 15, Add	22.69	
			For >35, Deduct	-15.13	
			For 3 In 12 Slope, Add	9.08	
			For 5 In 12 Slope, Add	24.21	
			For 6 In 12 Slope, Add	45.39	
			For 7 In 12 Slope, Add	60.52	
			For 8 In 12 Slope, Add	72.62	
06 17 53 00-0023	EA		52' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	699.60	192.89
			For Up To 15, Add	20.30	
			For >35, Deduct	-13.53	
			For 3 In 12 Slope, Add	8.12	
			For 5 In 12 Slope, Add	21.65	
			For 6 In 12 Slope, Add	40.59	
			For 7 In 12 Slope, Add	54.13	
			For 8 In 12 Slope, Add	64.95	
06 17 53 00-0024	EA		54' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	734.13	225.21
			For Up To 15, Add	21.28	
			For >35, Deduct	-14.19	
			For 3 In 12 Slope, Add	8.51	
			For 5 In 12 Slope, Add	22.70	
			For 6 In 12 Slope, Add	42.56	
			For 7 In 12 Slope, Add	56.74	
			For 8 In 12 Slope, Add	68.09	
06 17 53 00-0025	EA		56' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	762.36	208.77
			For Up To 15, Add	22.32	
			For >35, Deduct	-14.88	
			For 3 In 12 Slope, Add	8.93	
			For 5 In 12 Slope, Add	23.81	
			For 6 In 12 Slope, Add	44.65	
			For 7 In 12 Slope, Add	59.53	
			For 8 In 12 Slope, Add	71.43	
06 17 53 00-0026	EA		58' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	786.05	235.94
			For Up To 15, Add	23.56	
			For >35, Deduct	-15.71	
			For 3 In 12 Slope, Add	9.43	
			For 5 In 12 Slope, Add	25.13	
			For 6 In 12 Slope, Add	47.13	
			For 7 In 12 Slope, Add	62.83	
			For 8 In 12 Slope, Add	75.40	
06 17 53 00-0027	EA		60' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	801.70	239.51
			For Up To 15, Add	24.20	
			For >35, Deduct	-16.13	
			For 3 In 12 Slope, Add	9.68	
			For 5 In 12 Slope, Add	25.81	
			For 6 In 12 Slope, Add	48.40	
			For 7 In 12 Slope, Add	64.54	
			For 8 In 12 Slope, Add	77.44	

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 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 00-0029	EA		10' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	190.37	75.07
			For 3 In 12 Slope, Add	1.21	
			For 5 In 12 Slope, Add	3.22	
			For 6 In 12 Slope, Add	6.03	
			For 7 In 12 Slope, Add	8.05	
			For 8 In 12 Slope, Add	9.66	
			For 16" On Center Gable Studs, Add	8.05	
06 17 53 00-0030	EA		12' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	211.42	82.23
			For 3 In 12 Slope, Add	1.41	
			For 5 In 12 Slope, Add	3.76	
			For 6 In 12 Slope, Add	7.05	
			For 7 In 12 Slope, Add	9.40	
			For 8 In 12 Slope, Add	11.28	
			For 16" On Center Gable Studs, Add	9.40	
06 17 53 00-0031	EA		14' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	235.28	89.37
			For 3 In 12 Slope, Add	1.70	
			For 5 In 12 Slope, Add	4.52	
			For 6 In 12 Slope, Add	8.48	
			For 7 In 12 Slope, Add	11.31	
			For 8 In 12 Slope, Add	13.57	
			For 16" On Center Gable Studs, Add	11.31	
06 17 53 00-0032	EA		16' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	266.51	96.52
			For 3 In 12 Slope, Add	2.20	
			For 5 In 12 Slope, Add	5.88	
			For 6 In 12 Slope, Add	11.02	
			For 7 In 12 Slope, Add	14.69	
			For 8 In 12 Slope, Add	17.63	
			For 16" On Center Gable Studs, Add	14.69	
06 17 53 00-0033	EA		18' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	293.50	103.67
			For 3 In 12 Slope, Add	2.58	
			For 5 In 12 Slope, Add	6.89	
			For 6 In 12 Slope, Add	12.92	
			For 7 In 12 Slope, Add	17.23	
			For 8 In 12 Slope, Add	20.68	
			For 16" On Center Gable Studs, Add	17.23	
06 17 53 00-0034	EA		20' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	319.45	114.39
			For 3 In 12 Slope, Add	2.72	
			For 5 In 12 Slope, Add	7.25	
			For 6 In 12 Slope, Add	13.60	
			For 7 In 12 Slope, Add	18.13	
			For 8 In 12 Slope, Add	21.76	
			For 16" On Center Gable Studs, Add	18.13	
06 17 53 00-0035	EA		22' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	336.39	121.55
			For 3 In 12 Slope, Add	2.80	
			For 5 In 12 Slope, Add	7.46	
			For 6 In 12 Slope, Add	14.00	
			For 7 In 12 Slope, Add	18.66	
			For 8 In 12 Slope, Add	22.39	
			For 16" On Center Gable Studs, Add	18.66	
06 17 53 00-0036	EA		24' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	358.59	128.69
			For 3 In 12 Slope, Add	3.04	
			For 5 In 12 Slope, Add	8.10	
			For 6 In 12 Slope, Add	15.18	
			For 7 In 12 Slope, Add	20.24	
			For 8 In 12 Slope, Add	24.29	
			For 16" On Center Gable Studs, Add	20.24	
06 17 53 00-0037	EA		26' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	381.65	135.84
			For 3 In 12 Slope, Add	3.30	
			For 5 In 12 Slope, Add	8.80	
			For 6 In 12 Slope, Add	16.49	
			For 7 In 12 Slope, Add	21.99	
			For 8 In 12 Slope, Add	26.39	
			For 16" On Center Gable Studs, Add	21.99	
06 17 53 00-0038	EA		28' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	405.87	142.99
			For 3 In 12 Slope, Add	3.60	
			For 5 In 12 Slope, Add	9.59	
			For 6 In 12 Slope, Add	17.98	
			For 7 In 12 Slope, Add	23.98	
			For 8 In 12 Slope, Add	28.77	
			For 16" On Center Gable Studs, Add	23.98	
06 17 53 00-0039	EA		30' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	425.02	150.14
			For 3 In 12 Slope, Add	3.74	
			For 5 In 12 Slope, Add	9.98	
			For 6 In 12 Slope, Add	18.71	
			For 7 In 12 Slope, Add	24.95	
			For 8 In 12 Slope, Add	29.94	
			For 16" On Center Gable Studs, Add	24.95	
06 17 53 00-0040	EA		32' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	444.65	153.71
			For 3 In 12 Slope, Add	4.12	
			For 5 In 12 Slope, Add	10.98	
			For 6 In 12 Slope, Add	20.58	
			For 7 In 12 Slope, Add	27.44	
			For 8 In 12 Slope, Add	32.93	
			For 16" On Center Gable Studs, Add	27.44	



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 00-0041	EA	34'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	486.25	160.87
			For 3 In 12 Slope, Add	4.94	
			For 5 In 12 Slope, Add	13.16	
			For 6 In 12 Slope, Add	24.68	
			For 7 In 12 Slope, Add	32.90	
			For 8 In 12 Slope, Add	39.48	
			For 16" On Center Gable Studs, Add	32.90	
06 17 53 00-0042	EA	36'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	506.36	164.44
			For 3 In 12 Slope, Add	5.32	
			For 5 In 12 Slope, Add	14.20	
			For 6 In 12 Slope, Add	26.62	
			For 7 In 12 Slope, Add	35.50	
			For 8 In 12 Slope, Add	42.60	
			For 16" On Center Gable Studs, Add	35.50	
06 17 53 00-0043	EA	38'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	532.78	171.59
			For 3 In 12 Slope, Add	5.69	
			For 5 In 12 Slope, Add	15.17	
			For 6 In 12 Slope, Add	28.44	
			For 7 In 12 Slope, Add	37.92	
			For 8 In 12 Slope, Add	45.50	
			For 16" On Center Gable Studs, Add	37.92	
06 17 53 00-0044	EA	40'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	563.34	178.74
			For 3 In 12 Slope, Add	6.18	
			For 5 In 12 Slope, Add	16.47	
			For 6 In 12 Slope, Add	30.88	
			For 7 In 12 Slope, Add	41.17	
			For 8 In 12 Slope, Add	49.40	
			For 16" On Center Gable Studs, Add	41.17	
06 17 53 00-0045	EA	42'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	621.16	185.89
			For 3 In 12 Slope, Add	7.48	
			For 5 In 12 Slope, Add	19.95	
			For 6 In 12 Slope, Add	37.41	
			For 7 In 12 Slope, Add	49.88	
			For 8 In 12 Slope, Add	59.85	
			For 16" On Center Gable Studs, Add	49.88	
06 17 53 00-0046	EA	44'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	677.80	193.04
			For 3 In 12 Slope, Add	8.75	
			For 5 In 12 Slope, Add	23.34	
			For 6 In 12 Slope, Add	43.76	
			For 7 In 12 Slope, Add	58.34	
			For 8 In 12 Slope, Add	70.01	
			For 16" On Center Gable Studs, Add	58.34	
06 17 53 00-0047	EA	46'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	701.50	200.19
			For 3 In 12 Slope, Add	9.03	
			For 5 In 12 Slope, Add	24.09	
			For 6 In 12 Slope, Add	45.17	
			For 7 In 12 Slope, Add	60.22	
			For 8 In 12 Slope, Add	72.27	
			For 16" On Center Gable Studs, Add	60.22	
06 17 53 00-0048	EA	48'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	736.56	207.34
			For 3 In 12 Slope, Add	9.66	
			For 5 In 12 Slope, Add	25.75	
			For 6 In 12 Slope, Add	48.28	
			For 7 In 12 Slope, Add	64.38	
			For 8 In 12 Slope, Add	77.25	
			For 16" On Center Gable Studs, Add	64.38	
06 17 53 00-0049	EA	50'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	798.32	214.49
			For 3 In 12 Slope, Add	11.08	
			For 5 In 12 Slope, Add	29.55	
			For 6 In 12 Slope, Add	55.40	
			For 7 In 12 Slope, Add	73.87	
			For 8 In 12 Slope, Add	88.64	
			For 16" On Center Gable Studs, Add	73.87	
06 17 53 00-0050	EA	52'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	817.55	221.64
			For 3 In 12 Slope, Add	11.23	
			For 5 In 12 Slope, Add	29.94	
			For 6 In 12 Slope, Add	56.14	
			For 7 In 12 Slope, Add	74.85	
			For 8 In 12 Slope, Add	89.82	
			For 16" On Center Gable Studs, Add	74.85	
06 17 53 00-0051	EA	54'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	842.79	225.21
			For 3 In 12 Slope, Add	11.77	
			For 5 In 12 Slope, Add	31.39	
			For 6 In 12 Slope, Add	58.85	
			For 7 In 12 Slope, Add	78.47	
			For 8 In 12 Slope, Add	94.17	
			For 16" On Center Gable Studs, Add	78.47	
06 17 53 00-0052	EA	56'	Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	876.35	232.37
			For 3 In 12 Slope, Add	12.35	
			For 5 In 12 Slope, Add	32.93	
			For 6 In 12 Slope, Add	61.74	
			For 7 In 12 Slope, Add	82.33	
			For 8 In 12 Slope, Add	98.79	
			For 16" On Center Gable Studs, Add	82.33	

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 17 Shop-Fabricated Structural Wood**MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

06 17 53 00-0053	EA	58' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	906.36	235.94
		For 3 In 12 Slope, Add	13.03	
		For 5 In 12 Slope, Add	34.76	
		For 6 In 12 Slope, Add	65.17	
		For 7 In 12 Slope, Add	86.90	
		For 8 In 12 Slope, Add	104.28	
		For 16" On Center Gable Studs, Add	86.90	
06 17 53 00-0054	EA	60' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope	925.28	239.51
		For 3 In 12 Slope, Add	13.39	
		For 5 In 12 Slope, Add	35.70	
		For 6 In 12 Slope, Add	66.94	
		For 7 In 12 Slope, Add	89.25	
		For 8 In 12 Slope, Add	107.10	
		For 16" On Center Gable Studs, Add	89.25	

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	9.13	3.04
06 18 13 00-0003	LF	3-1/2" x 7-1/2" Glue Laminated Straight Beam	11.41	3.78
06 18 13 00-0004	LF	3-1/2" x 9" Glue Laminated Straight Beam	13.69	4.54
06 18 13 00-0005	LF	3-1/2" x 9-1/2" Glue Laminated Straight Beam	14.45	4.81
06 18 13 00-0006	LF	3-1/2" x 10-1/2" Glue Laminated Straight Beam	15.96	5.30
06 18 13 00-0007	LF	3-1/2" x 12" Glue Laminated Straight Beam	18.25	6.06
06 18 13 00-0008	LF	3-1/2" x 13-1/2" Glue Laminated Straight Beam	20.54	6.82
06 18 13 00-0009	LF	3-1/2" x 14" Glue Laminated Straight Beam	21.30	7.07
06 18 13 00-0010	LF	3-1/2" x 15" Glue Laminated Straight Beam	22.82	7.58
06 18 13 00-0011	LF	3-1/2" x 16" Glue Laminated Straight Beam	24.33	8.09
06 18 13 00-0012	LF	3-1/2" x 16-1/2" Glue Laminated Straight Beam	25.09	8.35
06 18 13 00-0013	LF	3-1/2" x 18" Glue Laminated Straight Beam	27.37	9.11
06 18 13 00-0014	LF	3-1/2" x 19-1/2" Glue Laminated Straight Beam	29.66	9.87
06 18 13 00-0015	LF	3-1/2" x 21" Glue Laminated Straight Beam	31.93	10.62
06 18 13 00-0016	LF	3-1/2" x 22.5" Glue Laminated Straight Beam	34.23	11.37
06 18 13 00-0017	LF	5-1/2" x 6" Glue Laminated Straight Beam	14.35	4.76
06 18 13 00-0018	LF	5-1/2" x 7-1/2" Glue Laminated Straight Beam	17.92	5.97
06 18 13 00-0019	LF	5-1/2" x 9" Glue Laminated Straight Beam	21.50	7.15
06 18 13 00-0020	LF	5-1/2" x 9-1/2" Glue Laminated Straight Beam	22.70	7.55
06 18 13 00-0021	LF	5-1/2" x 10-1/2" Glue Laminated Straight Beam	25.09	8.35
06 18 13 00-0022	LF	5-1/2" x 12" Glue Laminated Straight Beam	28.68	9.53
06 18 13 00-0023	LF	5-1/2" x 13-1/2" Glue Laminated Straight Beam	32.27	10.73
06 18 13 00-0024	LF	5-1/2" x 14" Glue Laminated Straight Beam	33.46	11.12
06 18 13 00-0025	LF	5-1/2" x 15" Glue Laminated Straight Beam	35.85	11.91
06 18 13 00-0026	LF	5-1/2" x 16" Glue Laminated Straight Beam	38.23	12.71
06 18 13 00-0027	LF	5-1/2" x 16-1/2" Glue Laminated Straight Beam	39.44	13.11
06 18 13 00-0028	LF	5-1/2" x 18" Glue Laminated Straight Beam	43.02	14.29
06 18 13 00-0029	LF	5-1/2" x 19-1/2" Glue Laminated Straight Beam	46.61	15.50
06 18 13 00-0030	LF	5-1/2" x 21" Glue Laminated Straight Beam	50.20	16.68
06 18 13 00-0031	LF	5-1/2" x 22.5" Glue Laminated Straight Beam	53.77	17.88
06 18 13 00-0032	LF	5-1/2" x 24" Glue Laminated Straight Beam	57.36	19.07
06 18 13 00-0033	LF	6-3/4" x 9" Glue Laminated Straight Beam	26.40	8.77
06 18 13 00-0034	LF	6-3/4" x 9-1/2" Glue Laminated Straight Beam	27.86	9.27
06 18 13 00-0035	LF	6-3/4" x 10-1/2" Glue Laminated Straight Beam	30.80	10.25
06 18 13 00-0036	LF	6-3/4" x 12" Glue Laminated Straight Beam	35.20	11.69
06 18 13 00-0037	LF	6-3/4" x 13-1/2" Glue Laminated Straight Beam	39.61	13.17
06 18 13 00-0038	LF	6-3/4" x 14" Glue Laminated Straight Beam	41.07	13.65
06 18 13 00-0039	LF	6-3/4" x 15" Glue Laminated Straight Beam	43.99	14.63
06 18 13 00-0040	LF	6-3/4" x 16" Glue Laminated Straight Beam	46.93	15.59
06 18 13 00-0041	LF	6-3/4" x 16-1/2" Glue Laminated Straight Beam	48.40	16.09
06 18 13 00-0042	LF	6-3/4" x 18" Glue Laminated Straight Beam	52.80	17.55
06 18 13 00-0043	LF	6-3/4" x 19-1/2" Glue Laminated Straight Beam	57.19	19.02
06 18 13 00-0044	LF	6-3/4" x 21" Glue Laminated Straight Beam	61.60	20.47
06 18 13 00-0045	LF	6-3/4" x 22.5" Glue Laminated Straight Beam	65.99	21.94
06 18 13 00-0046	LF	6-3/4" x 24" Glue Laminated Straight Beam	70.39	23.40
06 18 13 00-0047	LF	8-3/4" x 9" Glue Laminated Straight Beam	34.23	11.37
06 18 13 00-0048	LF	8-3/4" x 9-1/2" Glue Laminated Straight Beam	36.12	12.00
06 18 13 00-0049	LF	8-3/4" x 10-1/2" Glue Laminated Straight Beam	39.92	13.27
06 18 13 00-0050	LF	8-3/4" x 12" Glue Laminated Straight Beam	45.62	15.17
06 18 13 00-0051	LF	8-3/4" x 13-1/2" Glue Laminated Straight Beam	51.33	17.06
06 18 13 00-0052	LF	8-3/4" x 14" Glue Laminated Straight Beam	53.23	17.70
06 18 13 00-0053	LF	8-3/4" x 15" Glue Laminated Straight Beam	57.03	18.95
06 18 13 00-0054	LF	8-3/4" x 16" Glue Laminated Straight Beam	60.83	20.23
06 18 13 00-0055	LF	8-3/4" x 16-1/2" Glue Laminated Straight Beam	62.74	20.85
06 18 13 00-0056	LF	8-3/4" x 18" Glue Laminated Straight Beam	68.44	22.74
06 18 13 00-0057	LF	8-3/4" x 19-1/2" Glue Laminated Straight Beam	74.15	24.63
06 18 13 00-0058	LF	8-3/4" x 21" Glue Laminated Straight Beam	79.85	26.54
06 18 13 00-0059	LF	8-3/4" x 22.5" Glue Laminated Straight Beam	85.55	28.44
06 18 13 00-0060	LF	8-3/4" x 24" Glue Laminated Straight Beam	91.25	30.33



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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	4.62	1.87
06 18 13 00-0063	LF		2" - 4" Thick x 6" Wide Glue Laminated Decking	4.77	1.87
06 18 13 00-0064	LF		2" - 4" Thick x 8" Wide Glue Laminated Decking	4.90	1.76
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	13.41	3.82
06 18 16 00-0003	LF		3-1/4" x 9-1/4" Glue Laminated Purlin Or Column	15.11	4.25
06 18 16 00-0004	LF		5-1/4" x 9-1/4" Glue Laminated Purlin Or Column	28.54	9.07
06 18 16 00-0005	LF		5-1/4" x 13" Glue Laminated Purlin Or Column.....	31.30	9.51
06 20			Finish Carpentry (06)		
06 22			Millwork (06 20)		
06 22 13			Standard Pattern Wood Trim (06 22)		
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	3.25	1.09
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.40	
06 22 13 00-0003	LF		1/4" x 1-5/8" Wood Lattice Strip	3.42	0.87
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.40	
06 22 13 00-0004	LF		1/4" x 2-1/2" Wood Lattice Strip	4.40	0.87
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.40	
06 22 13 00-0005	LF		1/4" x 3-1/2" Wood Lattice Strip	4.97	0.87
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.40	
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	15.64	3.80
			For Birch, Add	3.68	
			For Mahogany, Oak, Maple Or Walnut, Add	5.14	
			For Poplar, Add	2.04	
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.25	
			For Stain Grade Material (No Finger Joints), Add	1.33	
06 22 13 00-0009	LF		1 1/16" x 4-5/8" White Pine Crown Or Bed Molding	21.07	4.55
			For Birch, Add	5.25	
			For Mahogany, Oak, Maple Or Walnut, Add	7.21	
			For Poplar, Add	2.91	
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.50	
			For Stain Grade Material (No Finger Joints), Add	1.89	
06 22 13 00-0010	LF		3/4" x 3/4" White Pine Crown Or Bed Molding	7.38	2.61
			For Birch, Add	1.09	
			For Mahogany, Oak, Maple Or Walnut, Add	1.80	
			For Poplar, Add	0.61	
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.00	
			For Stain Grade Material (No Finger Joints), Add	0.40	
06 22 13 00-0011	LF		9/16" x 1-5/8" White Pine Crown Or Bed Molding	8.48	2.61
			For Birch, Add	1.49	
			For Mahogany, Oak, Maple Or Walnut, Add	2.30	
			For Poplar, Add	0.83	
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.00	
			For Stain Grade Material (No Finger Joints), Add	0.54	
06 22 13 00-0012	LF		9/16" x 2-1/4" White Pine Crown Or Bed Molding	11.17	3.25
			For Birch, Add	2.07	
			For Mahogany, Oak, Maple Or Walnut, Add	3.13	
			For Poplar, Add	1.15	
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.25	
			For Stain Grade Material (No Finger Joints), Add	0.75	
06 22 13 00-0013	LF		3/4" x 3-1/2" White Pine Crown Or Bed Molding	13.00	3.25
			For Birch, Add	2.73	
			For Mahogany, Oak, Maple Or Walnut, Add	3.95	
			For Poplar, Add	1.51	
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.25	
			For Stain Grade Material (No Finger Joints), Add	0.98	
06 22 13 00-0014	LF		5/8" x 4-1/4" White Pine Crown Or Bed Molding	16.17	3.91
			For Birch, Add	3.48	
			For Mahogany, Oak, Maple Or Walnut, Add	5.00	
			For Poplar, Add	1.93	
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.50	
			For Stain Grade Material (No Finger Joints), Add	1.26	

06 Wood, Plastics, and Composites**06 20 Finish Carpentry****06 22 Millwork**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
06 22 13 00-0015	LF	1" x 2" White Pine Dentil Molding.....	7.67		3.04
		For Birch, Add	1.20		
		For Mahogany, Oak, Maple Or Walnut, Add	1.93		
		For Poplar, Add	0.67		
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.00		
		For Stain Grade Material (No Finger Joints), Add	0.43		
06 22 13 00-0016	LF	9/16" x 1-3/4" White Pine Cove Molding	6.52		2.28
		For Birch, Add	1.18		
		For Mahogany, Oak, Maple Or Walnut, Add	1.80		
		For Poplar, Add	0.65		
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.75		
		For Stain Grade Material (No Finger Joints), Add	0.43		
06 22 13 00-0017	LF	11/16" x 2-3/4" White Pine Cove Molding	10.02		2.28
		For Birch, Add	2.44		
		For Mahogany, Oak, Maple Or Walnut, Add	3.37		
		For Poplar, Add	1.35		
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.75		
		For Stain Grade Material (No Finger Joints), Add	0.88		
06 22 13 00-0018	LF	3/8" x 3/8" White Pine Cove Molding	3.81		1.30
		For Birch, Add	0.56		
		For Mahogany, Oak, Maple Or Walnut, Add	0.92		
		For Poplar, Add	0.31		
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.52		
		For Stain Grade Material (No Finger Joints), Add	0.20		
06 22 13 00-0019	LF	1/2" x 1/2" White Pine Cove Molding	4.19		1.30
		For Birch, Add	0.69		
		For Mahogany, Oak, Maple Or Walnut, Add	1.09		
		For Poplar, Add	0.39		
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.52		
		For Stain Grade Material (No Finger Joints), Add	0.25		
06 22 13 00-0020	LF	5/8" x 5/8" White Pine Cove Molding	5.64		1.63
		For Birch, Add	1.05		
		For Mahogany, Oak, Maple Or Walnut, Add	1.59		
		For Poplar, Add	0.59		
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.62		
		For Stain Grade Material (No Finger Joints), Add	0.38		
06 22 13 00-0021	LF	3/4" x 3/4" White Pine Cove Molding	5.64		1.63
		For Birch, Add	1.05		
		For Mahogany, Oak, Maple Or Walnut, Add	1.59		
		For Poplar, Add	0.59		
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.62		
		For Stain Grade Material (No Finger Joints), Add	0.38		
06 22 13 00-0022	LF	15/16" x 15/16" White Pine Cove Molding	7.40		1.63
		For Birch, Add	1.69		
		For Mahogany, Oak, Maple Or Walnut, Add	2.38		
		For Poplar, Add	0.94		
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.62		
		For Stain Grade Material (No Finger Joints), Add	0.61		
06 22 13 00-0023	LF	7-1/2" Wide White Pine Mullion Covers	49.97		1.95
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.89		
06 22 13 00-0024	LF	Three Piece White Pine Mullion Trim, 2 Cove Moldings	63.39		1.95
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.89		
06 22 13 00-0025		Cedar Trim (06 22 13 00-0006)			
06 22 13 00-0026	LF	2" x 4" Cedar Ceiling Trim.....	12.86		5.47
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.81		
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	13.48		5.04
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.68		
06 22 13 00-0029		Closet Poles (06 22 13)			
06 22 13 00-0030	LF	1-1/8" Diameter Pine Closet Poles.....	11.32		2.82
06 22 13 00-0031	LF	1-5/8" Diameter Pine Closet Poles.....	13.94		2.82
06 22 13 00-0032	LF	2" Diameter Pine Closet Poles.....	19.33		3.14
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)			



Wood, Plastics, and Composites			06	06
Finish Carpentry			06 20	
Prefinished Paneling			06 25	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 25 16 00-0003	SF	1/4"	Tempered Hardboard Panels For Waterproof Glue, Add For Ceiling Installation, Add For Glue Laminated Installation, 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	5.58 0.08 1.34 0.28 -0.50 1.14 1.37 1.67 0.88	1.97
06 25 16 00-0004	SF	1/4"	Plastic Faced Tempered Hardboard Panels For Waterproof Glue, Add For Ceiling Installation, Add For Glue Laminated Installation, 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	6.26 0.07 1.58 0.31 -0.54 1.18 1.39 1.66 0.80	2.41
06 25 16 00-0005	SF	1/4"	Pegboard Tempered Hardboard Panels For Waterproof Glue, Add For Ceiling Installation, Add For Glue Laminated Installation, 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	6.33 0.13 1.34 0.32 -0.62 1.54 1.93 2.43 1.47	1.97
06 25 16 00-0006	SF	1/4"	Plastic Faced Pegboard Tempered Hardboard For Waterproof Glue, Add For Ceiling Installation, Add For Glue Laminated Installation, 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	6.49 0.09 1.58 0.32 -0.57 1.30 1.56 1.89 0.98	2.41
06 25 16 00-0007			Untempered Hardboard Panels (06 25 16 00-0001)		
06 25 16 00-0008	SF	1/4"	Untempered Hardboard Panels For Waterproof Glue, Add For Glue Laminated Installation, Add For Lumber Core, Add For Fire Retardant Treatment (Class I), Add	5.34 0.06 0.27 0.10 0.69	1.97

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 Removal And Reinstallation Of Cabinet Or Counters (06 41 13)

Note: Includes storage, cleaning and supply materials. Any height or width.

06 41 13 00-0002	LF	Removal And Reinstallation Of Wood Base Cabinets	83.01	
06 41 13 00-0003	LF	Removal And Reinstallation Of Wall Cabinets	72.18	
06 41 13 00-0004	LF	Removal And Reinstallation Of Plastic Laminated Countertops	17.21	

06 41 13 00-0005 Wood-Veneer Faced 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 00-0006 Solid Maple Face Frame And Door, Wall And Base Cabinets (06 41 13 00-0005)

06 41 13 00-0007 Base Cabinets, 35" High, 23-3/4" Deep (06 41 13 00-0006)

06 41 13 00-0008	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..... For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add For All Plywood Box Construction, Add	389.64 116.77 121.72	21.70
06 41 13 00-0009	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..... For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add For All Plywood Box Construction, Add	414.73 116.77 121.72	27.12
06 41 13 00-0010	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..... For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add For All Plywood Box Construction, Add	433.73 116.77 121.72	32.55
06 41 13 00-0011	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..... For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add For All Plywood Box Construction, Add	456.48 116.77 121.72	37.98

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 00-0012	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.....	520.19	43.40
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add.....	116.77	
		For All Plywood Box Construction, Add.....	121.72	
06 41 13 00-0013	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.....	544.01	48.83
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add.....	116.77	
		For All Plywood Box Construction, Add.....	121.72	
06 41 13 00-0014	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.....	588.77	54.25
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add.....	116.77	
		For All Plywood Box Construction, Add.....	121.72	
06 41 13 00-0015	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.....	620.41	59.67
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add.....	116.77	
		For All Plywood Box Construction, Add.....	121.72	
06 41 13 00-0016	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.....	639.69	65.10
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add.....	116.77	
		For All Plywood Box Construction, Add.....	121.72	
06 41 13 00-0017	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.....	730.14	86.81
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add.....	233.54	
		For All Plywood Box Construction, Add.....	121.72	
06 41 13 00-0018	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.....	810.44	54.25
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add.....	233.54	
		For All Plywood Box Construction, Add.....	121.72	
06 41 13 00-0019	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.....	899.95	65.10
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add.....	233.54	
		For All Plywood Box Construction, Add.....	121.72	
06 41 13 00-0020	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.....	851.01	54.25
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add.....	350.31	
		For All Plywood Box Construction, Add.....	121.72	
06 41 13 00-0021	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.....	950.42	65.10
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add.....	350.31	
		For All Plywood Box Construction, Add.....	121.72	
06 41 13 00-0022	EA	12" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	395.58	21.70
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add.....	350.31	
		For All Plywood Box Construction, Add.....	121.72	
06 41 13 00-0023	EA	15" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	404.84	27.12
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add.....	350.31	
		For All Plywood Box Construction, Add.....	121.72	
06 41 13 00-0024	EA	18" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	442.63	32.55
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add.....	350.31	
		For All Plywood Box Construction, Add.....	121.72	
06 41 13 00-0025	EA	21" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	471.32	37.98
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add.....	350.31	
		For All Plywood Box Construction, Add.....	121.72	
06 41 13 00-0026	EA	24" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	491.49	43.40
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add.....	350.31	
		For All Plywood Box Construction, Add.....	121.72	
06 41 13 00-0027	EA	27" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	516.30	48.83
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add.....	350.31	
		For All Plywood Box Construction, Add.....	121.72	
06 41 13 00-0028	EA	30" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	849.03	54.25
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add.....	350.31	
		For All Plywood Box Construction, Add.....	121.72	
06 41 13 00-0029	EA	33" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	895.52	59.67
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add.....	350.31	
		For All Plywood Box Construction, Add.....	121.72	
06 41 13 00-0030	EA	36" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	941.52	65.10
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add.....	350.31	
		For All Plywood Box Construction, Add.....	121.72	
06 41 13 00-0031	EA	12" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	486.62	21.70
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add.....	467.08	
		For All Plywood Box Construction, Add.....	121.72	
06 41 13 00-0032	EA	15" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	496.87	27.12
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add.....	467.08	
		For All Plywood Box Construction, Add.....	121.72	



Wood, Plastics, and Composites			06	06
Architectural Woodwork			06 40	
Architectural Wood Casework			06 41	

MINOR			TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST	UNIT COST
06 41 13 00-0033	EA	18" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	539.61		32.55	
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	467.08			
		For All Plywood Box Construction, Add	121.72			
06 41 13 00-0034	EA	21" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	574.24		37.98	
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	467.08			
		For All Plywood Box Construction, Add	121.72			
06 41 13 00-0035	EA	24" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	604.31		43.40	
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	467.08			
		For All Plywood Box Construction, Add	121.72			
06 41 13 00-0036	EA	27" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	635.05		48.83	
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	467.08			
		For All Plywood Box Construction, Add	121.72			
06 41 13 00-0037	EA	30" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	690.60		54.25	
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	467.08			
		For All Plywood Box Construction, Add	121.72			
06 41 13 00-0038	EA	33" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	942.03		59.67	
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	467.08			
		For All Plywood Box Construction, Add	121.72			
06 41 13 00-0039	EA	36" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	994.95		65.10	
		For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	467.08			
		For All Plywood Box Construction, Add	121.72			
06 41 13 00-0040		Wall Cabinet, 12" High, 12" Deep (06 41 13 00-0006)				
06 41 13 00-0041	EA	30" Wide, 12" High x 12" Deep, Double Door, Solid Maple Face Frame and Doors, Wall Cabinet	349.07		54.25	
		For All Plywood Box Construction, Add	65.31			
06 41 13 00-0042	EA	33" Wide, 12" High x 12" Deep, Double Door, Solid Maple Face Frame and Doors, Wall Cabinet	372.68		59.67	
		For All Plywood Box Construction, Add	65.31			
06 41 13 00-0043	EA	36" Wide, 12" High x 12" Deep, Double Door, Solid Maple Face Frame and Doors, Wall Cabinet	410.96		65.10	
		For All Plywood Box Construction, Add	65.31			
06 41 13 00-0044	EA	39" Wide, 12" High x 12" Deep, Double Door, Solid Maple Face Frame and Doors, Wall Cabinet	438.67		70.53	
		For All Plywood Box Construction, Add	65.31			
06 41 13 00-0045		Wall Cabinets, 14" High, 12" Deep (06 41 13 00-0006)				
06 41 13 00-0046	EA	12" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	296.02		21.70	
		For All Plywood Box Construction, Add	65.31			
06 41 13 00-0047	EA	15" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	303.14		27.12	
		For All Plywood Box Construction, Add	65.31			
06 41 13 00-0048	EA	18" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	318.17		32.55	
		For All Plywood Box Construction, Add	65.31			
06 41 13 00-0049	EA	21" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	326.28		37.98	
		For All Plywood Box Construction, Add	65.31			
06 41 13 00-0050	EA	24" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	335.38		43.40	
		For All Plywood Box Construction, Add	65.31			
06 41 13 00-0051	EA	30" Wide, 14" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	351.40		54.25	
		For All Plywood Box Construction, Add	65.31			
06 41 13 00-0052	EA	33" Wide, 14" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	376.33		59.67	
		For All Plywood Box Construction, Add	65.31			
06 41 13 00-0053	EA	36" Wide, 14" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	410.96		65.10	
		For All Plywood Box Construction, Add	65.31			
06 41 13 00-0054	EA	39" Wide, 14" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	438.67		70.53	
		For All Plywood Box Construction, Add	65.31			
06 41 13 00-0055		Wall Cabinets, 18" High, 12" Deep (06 41 13 00-0006)				
06 41 13 00-0056	EA	12" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	307.90		21.70	
		For All Plywood Box Construction, Add	65.31			
06 41 13 00-0057	EA	15" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	323.92		27.12	
		For All Plywood Box Construction, Add	65.31			
06 41 13 00-0058	EA	18" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	335.99		32.55	
		For All Plywood Box Construction, Add	65.31			
06 41 13 00-0059	EA	21" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	349.04		37.98	
		For All Plywood Box Construction, Add	65.31			
06 41 13 00-0060	EA	24" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet	367.04		43.40	
		For All Plywood Box Construction, Add	65.31			
06 41 13 00-0061	EA	27" Wide, 18" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	387.92		48.85	
		For All Plywood Box Construction, Add	65.31			
06 41 13 00-0062	EA	30" Wide, 18" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	406.82		54.25	
		For All Plywood Box Construction, Add	65.31			
06 41 13 00-0063	EA	33" Wide, 18" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	421.85		59.67	
		For All Plywood Box Construction, Add	65.31			
06 41 13 00-0064	EA	36" Wide, 18" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet	430.75		65.10	
		For All Plywood Box Construction, Add	65.31			
06 41 13 00-0065		Wall Cabinets, 30" High, 12" Deep (06 41 13 00-0006)				

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 00-0066	EA	12" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	334.22 65.31	21.70
06 41 13 00-0067	EA	15" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	364.14 65.31	27.12
06 41 13 00-0068	EA	18" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	388.85 65.31	32.55
06 41 13 00-0069	EA	21" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	418.76 65.31	37.98
06 41 13 00-0070	EA	24" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	447.72 65.31	43.40
06 41 13 00-0071	EA	27" Wide, 30" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	491.33 65.31	48.85
06 41 13 00-0072	EA	30" Wide, 30" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	503.30 65.31	54.25
06 41 13 00-0073	EA	33" Wide, 30" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	549.19 65.31	59.67
06 41 13 00-0074	EA	36" Wide, 30" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	565.36 65.31	65.10
06 41 13 00-0075 Wall Cabinets, 36" High, 12" Deep (06 41 13 00-0006)				
06 41 13 00-0076	EA	12" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	376.77 65.31	21.70
06 41 13 00-0077	EA	15" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	408.67 65.31	27.12
06 41 13 00-0078	EA	18" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	436.35 65.31	32.55
06 41 13 00-0079	EA	21" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	468.24 65.31	37.98
06 41 13 00-0080	EA	24" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	549.64 65.31	43.40
06 41 13 00-0081	EA	27" Wide, 36" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	552.68 65.31	48.85
06 41 13 00-0082	EA	30" Wide, 36" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	572.57 65.31	54.25
06 41 13 00-0083	EA	33" Wide, 36" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	626.37 65.31	59.67
06 41 13 00-0084	EA	36" Wide, 36" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	642.55 65.31	65.10
06 41 13 00-0085 Wall Cabinets, 42" High, 12" Deep (06 41 13 00-0006)				
06 41 13 00-0086	EA	12" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	421.30 65.31	21.70
06 41 13 00-0087	EA	15" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	460.13 65.31	27.12
06 41 13 00-0088	EA	18" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	489.79 65.31	32.55
06 41 13 00-0089	EA	21" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	520.68 65.31	37.98
06 41 13 00-0090	EA	24" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	567.46 65.31	43.40
06 41 13 00-0091	EA	27" Wide, 42" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	606.12 65.31	48.85
06 41 13 00-0092	EA	30" Wide, 42" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	637.89 65.31	54.25
06 41 13 00-0093	EA	33" Wide, 42" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	698.61 65.31	59.67
06 41 13 00-0094	EA	36" Wide, 42" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	719.73 65.31	65.10
06 41 13 00-0095 Wall Cabinets, 12" High, 23-3/4" Deep (06 41 13 00-0006)				
06 41 13 00-0096	EA	30" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	399.76 65.31	54.25
06 41 13 00-0097	EA	33" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	429.42 65.31	59.67
06 41 13 00-0098	EA	36" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	461.57 65.31	65.10
06 41 13 00-0099	EA	39" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	499.31 65.31	70.53
06 41 13 00-0100	EA	48" Wide, 12" High x 23-3/4" Deep, Triple Door, Solid Maple Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	590.56 65.31	86.81
06 41 13 00-0101 Utility Cabinets, 84" High (06 41 13 00-0006)				
06 41 13 00-0102	EA	15" Wide, 84" High x 12" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	763.39 241.46	48.22
06 41 13 00-0103	EA	18" Wide, 84" High x 12" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	863.94 241.46	57.87
06 41 13 00-0104	EA	21" Wide, 84" High x 12" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	971.44 241.46	453.30



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 00-0105	EA		24" Wide, 84" High x 12" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet	1,020.55	77.16
			For All Plywood Box Construction, Add	241.46	
06 41 13 00-0106	EA		30" Wide, 84" High x 12" Deep, Four Door, Solid Maple Face Frame and Door, Pantry Cabinet	1,236.88	96.44
			For All Plywood Box Construction, Add	241.46	
06 41 13 00-0107	EA		36" Wide, 84" High x 12" Deep, Four Door, Solid Maple Face Frame and Door, Pantry Cabinet	1,427.49	115.74
			For All Plywood Box Construction, Add	241.46	
06 41 13 00-0108	EA		15" Wide, 84" High x 24" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet	864.33	48.22
			For All Plywood Box Construction, Add	241.46	
06 41 13 00-0109	EA		18" Wide, 84" High x 24" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet	955.97	57.87
			For All Plywood Box Construction, Add	241.46	
06 41 13 00-0110	EA		21" Wide, 84" High x 24" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet	1,092.17	67.52
			For All Plywood Box Construction, Add	241.46	
06 41 13 00-0111	EA		24" Wide, 84" High x 24" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet	1,160.08	77.16
			For All Plywood Box Construction, Add	241.46	
06 41 13 00-0112	EA		30" Wide, 84" High x 24" Deep, Four Door, Solid Maple Face Frame and Door, Pantry Cabinet	1,441.73	96.44
			For All Plywood Box Construction, Add	241.46	
06 41 13 00-0113	EA		36" Wide, 84" High x 24" Deep, Four Door, Solid Maple Face Frame and Door, Pantry Cabinet	1,649.15	115.74
			For All Plywood Box Construction, Add	241.46	
06 41 13 00-0114 Solid Oak Face Frame And Door, Wall And Base Cabinets (06 41 13 00-0005)					
06 41 13 00-0115 Base Cabinets, 35" High, 23-3/4" Deep (06 41 13 00-0114)					
06 41 13 00-0116	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	351.05	21.70
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	116.77	
			For All Plywood Box Construction, Add	121.72	
06 41 13 00-0117	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	373.17	27.12
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	116.77	
			For All Plywood Box Construction, Add	121.72	
06 41 13 00-0118	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	390.19	32.55
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	116.77	
			For All Plywood Box Construction, Add	121.72	
06 41 13 00-0119	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	410.96	37.98
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	116.77	
			For All Plywood Box Construction, Add	121.72	
06 41 13 00-0120	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	466.75	43.40
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	116.77	
			For All Plywood Box Construction, Add	121.72	
06 41 13 00-0121	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	488.60	48.83
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	116.77	
			For All Plywood Box Construction, Add	121.72	
06 41 13 00-0122	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	527.42	54.25
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	116.77	
			For All Plywood Box Construction, Add	121.72	
06 41 13 00-0123	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	556.09	59.67
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	116.77	
			For All Plywood Box Construction, Add	121.72	
06 41 13 00-0124	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	573.39	65.10
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	116.77	
			For All Plywood Box Construction, Add	121.72	
06 41 13 00-0125	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	653.94	86.81
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	233.54	
			For All Plywood Box Construction, Add	121.72	
06 41 13 00-0126	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	723.36	54.25
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	233.54	
			For All Plywood Box Construction, Add	121.72	
06 41 13 00-0127	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	801.99	65.10
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	233.54	
			For All Plywood Box Construction, Add	121.72	
06 41 13 00-0128	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	758.98	54.25
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	350.31	
			For All Plywood Box Construction, Add	121.72	
06 41 13 00-0129	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	846.52	65.10
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	350.31	
			For All Plywood Box Construction, Add	121.72	
06 41 13 00-0130	EA		12" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	356.99	21.70
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	350.31	
			For All Plywood Box Construction, Add	121.72	
06 41 13 00-0131	EA		15" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet	365.26	27.12
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	350.31	
			For All Plywood Box Construction, Add	121.72	

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 00-0132	EA	18" Wide, 35" High x 23-3/4" Deep, Three 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>	398.10 350.31 121.72	32.55
06 41 13 00-0133	EA	21" Wide, 35" High x 23-3/4" Deep, Three 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>	423.82 350.31 121.72	37.98
06 41 13 00-0134	EA	24" Wide, 35" High x 23-3/4" Deep, Three 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>	442.02 350.31 121.72	43.40
06 41 13 00-0135	EA	27" Wide, 35" High x 23-3/4" Deep, Three 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>	463.86 350.31 121.72	48.83
06 41 13 00-0136	EA	30" Wide, 35" High x 23-3/4" Deep, Three 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>	757.00 350.31 121.72	54.25
06 41 13 00-0137	EA	33" Wide, 35" High x 23-3/4" Deep, Three 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>	797.55 350.31 121.72	59.67
06 41 13 00-0138	EA	36" Wide, 35" High x 23-3/4" Deep, Three 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>	838.60 350.31 121.72	65.10
06 41 13 00-0139	EA	12" 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>	436.15 467.08 121.72	21.70
06 41 13 00-0140	EA	15" 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>	446.40 467.08 121.72	27.12
06 41 13 00-0141	EA	18" 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>	484.20 467.08 121.72	32.55
06 41 13 00-0142	EA	21" 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>	514.86 467.08 121.72	37.98
06 41 13 00-0143	EA	24" 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>	540.97 467.08 121.72	43.40
06 41 13 00-0144	EA	27" 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>	568.75 467.08 121.72	48.83
06 41 13 00-0145	EA	30" 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>	793.62 467.08 121.72	54.25
06 41 13 00-0146	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>	839.11 467.08 121.72	59.67
06 41 13 00-0147	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>	886.10 467.08 121.72	65.10
06 41 13 00-0148		Wall Cabinets, 12" High, 12" Deep (06 41 13 00-0114)		
06 41 13 00-0149	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>	315.43 65.31	54.25
06 41 13 00-0150	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>	336.07 65.31	59.67
06 41 13 00-0151	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>	370.39 65.31	65.10
06 41 13 00-0152	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>	395.12 65.31	70.53
06 41 13 00-0153		Wall Cabinets, 14" High, 12" Deep (06 41 13 00-0114)		
06 41 13 00-0154	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>	268.31 65.31	21.70
06 41 13 00-0155	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>	274.44 65.31	27.12
06 41 13 00-0156	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>	287.50 65.31	32.55
06 41 13 00-0157	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>	295.60 65.31	37.98
06 41 13 00-0158	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>	303.71 65.31	43.40
06 41 13 00-0159	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>	317.76 65.31	54.25
06 41 13 00-0160	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>	339.72 65.31	59.67
06 41 13 00-0161	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>	370.39 65.31	65.10
06 41 13 00-0162	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>	395.12 65.31	70.53
06 41 13 00-0163		Wall Cabinets, 18" High, 12" Deep (06 41 13 00-0114)		



Wood, Plastics, and Composites			06	06
Architectural Woodwork			06 40	
Architectural Wood Casework			06 41	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0164	EA	12" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	278.21	21.70	
		For All Plywood Box Construction, Add	65.31		
06 41 13 00-0165	EA	15" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	292.25	27.12	
		For All Plywood Box Construction, Add	65.31		
06 41 13 00-0166	EA	18" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	303.33	32.55	
		For All Plywood Box Construction, Add	65.31		
06 41 13 00-0167	EA	21" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	315.40	37.98	
		For All Plywood Box Construction, Add	65.31		
06 41 13 00-0168	EA	24" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	331.42	43.40	
		For All Plywood Box Construction, Add	65.31		
06 41 13 00-0169	EA	27" Wide, 18" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	350.31	48.85	
		For All Plywood Box Construction, Add	65.31		
06 41 13 00-0170	EA	30" Wide, 18" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	366.25	54.25	
		For All Plywood Box Construction, Add	65.31		
06 41 13 00-0171	EA	33" Wide, 18" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	380.29	59.67	
		For All Plywood Box Construction, Add	65.31		
06 41 13 00-0172	EA	36" Wide, 18" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	388.20	65.10	
		For All Plywood Box Construction, Add	65.31		
06 41 13 00-0173 Wall Cabinets, 30" High, 12" Deep (06 41 13 00-0114)					
06 41 13 00-0174	EA	12" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	303.54	21.70	
		For All Plywood Box Construction, Add	65.31		
06 41 13 00-0175	EA	15" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	330.49	27.12	
		For All Plywood Box Construction, Add	65.31		
06 41 13 00-0176	EA	18" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	352.24	32.55	
		For All Plywood Box Construction, Add	65.31		
06 41 13 00-0177	EA	21" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	378.19	37.98	
		For All Plywood Box Construction, Add	65.31		
06 41 13 00-0178	EA	24" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	404.17	43.40	
		For All Plywood Box Construction, Add	65.31		
06 41 13 00-0179	EA	27" Wide, 30" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	442.84	48.85	
		For All Plywood Box Construction, Add	65.31		
06 41 13 00-0180	EA	30" Wide, 30" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	453.82	54.25	
		For All Plywood Box Construction, Add	65.31		
06 41 13 00-0181	EA	33" Wide, 30" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	493.77	59.67	
		For All Plywood Box Construction, Add	65.31		
06 41 13 00-0182	EA	36" Wide, 30" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	508.95	65.10	
		For All Plywood Box Construction, Add	65.31		
06 41 13 00-0183 Wall Cabinets, 36" High, 12" Deep (06 41 13 00-0114)					
06 41 13 00-0184	EA	12" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	341.15	21.70	
		For All Plywood Box Construction, Add	65.31		
06 41 13 00-0185	EA	15" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	369.09	27.12	
		For All Plywood Box Construction, Add	65.31		
06 41 13 00-0186	EA	18" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	393.80	32.55	
		For All Plywood Box Construction, Add	65.31		
06 41 13 00-0187	EA	21" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	421.73	37.98	
		For All Plywood Box Construction, Add	65.31		
06 41 13 00-0188	EA	24" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	494.23	43.40	
		For All Plywood Box Construction, Add	65.31		
06 41 13 00-0189	EA	27" Wide, 36" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	496.28	48.85	
		For All Plywood Box Construction, Add	65.31		
06 41 13 00-0190	EA	30" Wide, 36" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	514.19	54.25	
		For All Plywood Box Construction, Add	65.31		
06 41 13 00-0191	EA	33" Wide, 36" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	562.05	59.67	
		For All Plywood Box Construction, Add	65.31		
06 41 13 00-0192	EA	36" Wide, 36" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	576.24	65.10	
		For All Plywood Box Construction, Add	65.31		
06 41 13 00-0193 Wall Cabinets, 42" High, 12" Deep (06 41 13 00-0114)					
06 41 13 00-0194	EA	12" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	379.74	21.70	
		For All Plywood Box Construction, Add	65.31		
06 41 13 00-0195	EA	15" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	414.61	27.12	
		For All Plywood Box Construction, Add	65.31		
06 41 13 00-0196	EA	18" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	441.30	32.55	
		For All Plywood Box Construction, Add	65.31		
06 41 13 00-0197	EA	21" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	468.24	37.98	
		For All Plywood Box Construction, Add	65.31		
06 41 13 00-0198	EA	24" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet	510.06	43.40	
		For All Plywood Box Construction, Add	65.31		
06 41 13 00-0199	EA	27" Wide, 42" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	543.78	48.85	
		For All Plywood Box Construction, Add	65.31		
06 41 13 00-0200	EA	30" Wide, 42" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	571.58	54.25	
		For All Plywood Box Construction, Add	65.31		
06 41 13 00-0201	EA	33" Wide, 42" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	625.38	59.67	
		For All Plywood Box Construction, Add	65.31		
06 41 13 00-0202	EA	36" Wide, 42" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	644.53	65.10	
		For All Plywood Box Construction, Add	65.31		

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 00-0203		Wall Cabinets, 12" High, 23-3/4" Deep (06 41 13 00-0114)		
06 41 13 00-0204	EA	30" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	361.17	54.25
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0205	EA	33" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	387.86	59.67
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0206	EA	36" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	416.05	65.10
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0207	EA	39" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	449.83	70.53
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0208	EA	48" Wide, 12" High x 23-3/4" Deep, Triple Door, Solid Oak Face Frame and Door, Wall Cabinet	530.19	86.81
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0209		Utility Cabinets, 84" High (06 41 13 00-0114)		
06 41 13 00-0210	EA	15" Wide, 84" High x 12" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet	692.14	48.22
		<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0211	EA	18" Wide, 84" High x 12" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet	782.80	57.87
		<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0212	EA	21" Wide, 84" High x 12" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet	879.41	453.30
		<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0213	EA	24" Wide, 84" High x 12" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet	924.56	77.16
		<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0214	EA	30" Wide, 84" High x 12" Deep, Four Door, Solid Oak Face Frame and Door, Pantry Cabinet	1,116.15	96.44
		<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0215	EA	36" Wide, 84" High x 12" Deep, Four Door, Solid Oak Face Frame and Door, Pantry Cabinet	1,285.98	115.74
		<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0216	EA	15" Wide, 84" High x 24" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet	781.20	48.22
		<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0217	EA	18" Wide, 84" High x 24" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet	863.94	57.87
		<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0218	EA	21" Wide, 84" High x 24" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet	985.30	67.52
		<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0219	EA	24" Wide, 84" High x 24" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet	1,047.27	77.16
		<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0220	EA	30" Wide, 84" High x 24" Deep, Four Door, Solid Oak Face Frame and Door, Pantry Cabinet	1,296.26	96.44
		<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0221	EA	36" Wide, 84" High x 24" Deep, Four Door, Solid Oak Face Frame and Door, Pantry Cabinet	1,480.93	115.74
		<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0222		Solid Wood Face Frame And Thermofoil Door, Wall And Base Cabinets (06 41 13 00-0005)		
06 41 13 00-0223		Base Cabinets, 35" High, 23-3/4" Deep (06 41 13 00-0222)		
06 41 13 00-0224	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	351.05	21.70
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
		<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0225	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	373.17	27.12
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
		<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0226	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	390.19	32.55
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
		<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0227	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	410.96	37.98
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
		<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0228	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	466.75	43.40
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
		<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0229	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	488.60	48.83
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
		<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0230	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	527.42	54.25
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
		<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0231	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	556.09	59.67
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
		<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0232	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	573.39	65.10
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
		<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0233	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	653.94	86.81
		<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	233.54	
		<i>For All Plywood Box Construction, Add</i>	121.72	



Wood, Plastics, and Composites			06	06
Architectural Woodwork			06 40	
Architectural Wood Casework			06 41	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0234	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 <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	723.36 233.54 121.72	54.25
06 41 13 00-0235	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 <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	801.99 233.54 121.72	65.10
06 41 13 00-0236	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 <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	758.98 350.31 121.72	54.25
06 41 13 00-0237	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 <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	846.52 350.31 121.72	65.10
06 41 13 00-0238	EA		12" 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>	356.99 350.31 121.72	21.70
06 41 13 00-0239	EA		15" 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>	365.26 350.31 121.72	27.12
06 41 13 00-0240	EA		18" 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>	398.10 350.31 121.72	32.55
06 41 13 00-0241	EA		21" 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>	423.82 350.31 121.72	37.98
06 41 13 00-0242	EA		24" 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>	442.02 350.31 121.72	43.40
06 41 13 00-0243	EA		27" 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>	463.86 350.31 121.72	48.83
06 41 13 00-0244	EA		30" 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>	757.00 350.31 121.72	54.25
06 41 13 00-0245	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>	797.55 350.31 121.72	59.67
06 41 13 00-0246	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>	838.60 350.31 121.72	65.10
06 41 13 00-0247	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>	436.15 467.08 121.72	21.70
06 41 13 00-0248	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>	446.40 467.08 121.72	27.12
06 41 13 00-0249	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>	484.20 467.08 121.72	32.55
06 41 13 00-0250	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>	514.86 467.08 121.72	37.98
06 41 13 00-0251	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>	540.97 467.08 121.72	43.40
06 41 13 00-0252	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>	568.75 467.08 121.72	48.83
06 41 13 00-0253	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>	793.62 467.08 121.72	54.25
06 41 13 00-0254	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>	839.11 467.08 121.72	59.67

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 00-0255	EA		36" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet.....	886.10	65.10
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	467.08	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0256			Wall Cabinets, 12" High, 12" Deep (06 41 13 00-0222)		
06 41 13 00-0257	EA		30" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	315.43	54.25
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0258	EA		33" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	336.07	59.67
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0259	EA		36" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	370.39	65.10
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0260	EA		39" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	395.12	70.53
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0261			Wall Cabinets, 14" High, 12" Deep (06 41 13 00-0222)		
06 41 13 00-0262	EA		12" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	268.31	21.70
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0263	EA		15" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	274.44	27.12
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0264	EA		18" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	287.50	32.55
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0265	EA		21" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	295.60	37.98
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0266	EA		24" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	303.71	43.40
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0267	EA		30" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	317.76	54.25
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0268	EA		33" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	339.72	59.67
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0269	EA		36" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	370.39	65.10
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0270	EA		39" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	395.12	70.53
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0271			Wall Cabinets, 18" High, 12" Deep (06 41 13 00-0222)		
06 41 13 00-0272	EA		12" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	278.21	21.70
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0273	EA		15" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	292.25	27.12
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0274	EA		18" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	303.33	32.55
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0275	EA		21" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	315.40	37.98
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0276	EA		24" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	331.42	43.40
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0277	EA		27" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	350.31	48.85
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0278	EA		30" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	366.25	54.25
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0279	EA		33" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	380.29	59.67
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0280	EA		36" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	388.20	65.10
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0281			Wall Cabinets, 30" High, 12" Deep (06 41 13 00-0222)		
06 41 13 00-0282	EA		12" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	303.54	21.70
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0283	EA		15" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	330.49	27.12
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0284	EA		18" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	352.24	32.55
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0285	EA		21" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	378.19	37.98
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0286	EA		24" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	404.17	43.40
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0287	EA		27" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	442.84	48.85
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0288	EA		30" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	453.82	54.25
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0289	EA		33" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	493.77	59.67
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0290	EA		36" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	508.95	65.10
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0291			Wall Cabinets, 36" High, 12" Deep (06 41 13 00-0222)		
06 41 13 00-0292	EA		12" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	341.15	21.70
			<i>For All Plywood Box Construction, Add</i>	65.31	



Wood, Plastics, and Composites			06	06
Architectural Woodwork			06 40	
Architectural Wood Casework			06 41	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0293	EA	15" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	.....	369.09	27.12
		For All Plywood Box Construction, Add	.....	65.31	
06 41 13 00-0294	EA	18" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	.....	393.80	32.55
		For All Plywood Box Construction, Add	.....	65.31	
06 41 13 00-0295	EA	21" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	.....	421.73	37.98
		For All Plywood Box Construction, Add	.....	65.31	
06 41 13 00-0296	EA	24" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	.....	494.23	43.40
		For All Plywood Box Construction, Add	.....	65.31	
06 41 13 00-0297	EA	27" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	.....	496.28	48.85
		For All Plywood Box Construction, Add	.....	65.31	
06 41 13 00-0298	EA	30" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	.....	514.19	54.25
		For All Plywood Box Construction, Add	.....	65.31	
06 41 13 00-0299	EA	33" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	.....	562.05	59.67
		For All Plywood Box Construction, Add	.....	65.31	
06 41 13 00-0300	EA	36" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	.....	576.24	65.10
		For All Plywood Box Construction, Add	.....	65.31	
06 41 13 00-0301 Wall Cabinets, 42" High, 12" Deep (06 41 13 00-0222)					
06 41 13 00-0302	EA	12" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	.....	379.74	21.70
		For All Plywood Box Construction, Add	.....	65.31	
06 41 13 00-0303	EA	15" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	.....	414.61	27.12
		For All Plywood Box Construction, Add	.....	65.31	
06 41 13 00-0304	EA	18" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	.....	441.30	32.55
		For All Plywood Box Construction, Add	.....	65.31	
06 41 13 00-0305	EA	21" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	.....	468.24	37.98
		For All Plywood Box Construction, Add	.....	65.31	
06 41 13 00-0306	EA	24" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet	.....	510.06	43.40
		For All Plywood Box Construction, Add	.....	65.31	
06 41 13 00-0307	EA	27" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	.....	543.78	48.85
		For All Plywood Box Construction, Add	.....	65.31	
06 41 13 00-0308	EA	30" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	.....	571.58	54.25
		For All Plywood Box Construction, Add	.....	65.31	
06 41 13 00-0309	EA	33" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	.....	625.38	59.67
		For All Plywood Box Construction, Add	.....	65.31	
06 41 13 00-0310	EA	36" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	.....	644.53	65.10
		For All Plywood Box Construction, Add	.....	65.31	
06 41 13 00-0311 Wall Cabinets, 12" High, 23-3/4" Deep (06 41 13 00-0222)					
06 41 13 00-0312	EA	30" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	.....	361.17	54.25
		For All Plywood Box Construction, Add	.....	65.31	
06 41 13 00-0313	EA	33" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	.....	387.86	59.67
		For All Plywood Box Construction, Add	.....	65.31	
06 41 13 00-0314	EA	36" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	.....	416.05	65.10
		For All Plywood Box Construction, Add	.....	65.31	
06 41 13 00-0315	EA	39" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	.....	449.83	70.53
		For All Plywood Box Construction, Add	.....	65.31	
06 41 13 00-0316	EA	48" Wide, 12" High x 23-3/4" Deep, Triple Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet	.....	530.19	86.81
		For All Plywood Box Construction, Add	.....	65.31	
06 41 13 00-0317 Utility Cabinets, 84" High (06 41 13 00-0222)					
06 41 13 00-0318	EA	15" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	.....	692.14	48.22
		For All Plywood Box Construction, Add	.....	241.46	
06 41 13 00-0319	EA	18" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	.....	782.80	57.87
		For All Plywood Box Construction, Add	.....	241.46	
06 41 13 00-0320	EA	21" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	.....	879.41	453.30
		For All Plywood Box Construction, Add	.....	241.46	
06 41 13 00-0321	EA	24" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	.....	924.56	77.16
		For All Plywood Box Construction, Add	.....	241.46	
06 41 13 00-0322	EA	30" Wide, 84" High x 12" Deep, Four Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	.....	1,116.15	96.44
		For All Plywood Box Construction, Add	.....	241.46	
06 41 13 00-0323	EA	36" Wide, 84" High x 12" Deep, Four Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	.....	1,285.98	115.74
		For All Plywood Box Construction, Add	.....	241.46	
06 41 13 00-0324	EA	15" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	.....	781.20	48.22
		For All Plywood Box Construction, Add	.....	241.46	
06 41 13 00-0325	EA	18" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	.....	863.94	57.87
		For All Plywood Box Construction, Add	.....	241.46	
06 41 13 00-0326	EA	21" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	.....	985.30	67.52
		For All Plywood Box Construction, Add	.....	241.46	
06 41 13 00-0327	EA	24" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	.....	1,047.27	77.16
		For All Plywood Box Construction, Add	.....	241.46	
06 41 13 00-0328	EA	30" Wide, 84" High x 24" Deep, Four Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	.....	1,296.26	96.44
		For All Plywood Box Construction, Add	.....	241.46	
06 41 13 00-0329	EA	36" Wide, 84" High x 24" Deep, Four Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet	.....	1,480.93	115.74
		For All Plywood Box Construction, Add	.....	241.46	
06 41 13 00-0330		Solid Wood Face Frame And Decorative Laminate Veneer Door, Wall And Base Cabinets (06 41 13 00-0005)			
06 41 13 00-0331		Base Cabinets, 35" High, 23-3/4" Deep (06 41 13 00-0330)			

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 00-0332	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 <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	351.05 116.77 121.72	21.70
06 41 13 00-0333	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 <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	373.17 116.77 121.72	27.12
06 41 13 00-0334	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 <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	390.19 116.77 121.72	32.55
06 41 13 00-0335	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 <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	410.96 116.77 121.72	37.98
06 41 13 00-0336	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 <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	466.75 116.77 121.72	43.40
06 41 13 00-0337	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 <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	488.60 116.77 121.72	48.83
06 41 13 00-0338	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 <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	527.42 116.77 121.72	54.25
06 41 13 00-0339	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 <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	556.09 116.77 121.72	59.67
06 41 13 00-0340	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 <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	573.39 116.77 121.72	65.10
06 41 13 00-0341	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 <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	653.94 233.54 121.72	86.81
06 41 13 00-0342	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 <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	723.36 233.54 121.72	54.25
06 41 13 00-0343	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 <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	801.99 233.54 121.72	65.10
06 41 13 00-0344	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 <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	758.98 350.31 121.72	54.25
06 41 13 00-0345	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 <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	846.52 350.31 121.72	65.10
06 41 13 00-0346	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 <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	356.99 350.31 121.72	21.70
06 41 13 00-0347	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 <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	365.26 350.31 121.72	27.12
06 41 13 00-0348	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 <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	398.10 350.31 121.72	32.55
06 41 13 00-0349	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 <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	423.82 350.31 121.72	37.98
06 41 13 00-0350	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 <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	442.02 350.31 121.72	43.40
06 41 13 00-0351	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 <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	463.86 350.31 121.72	48.83
06 41 13 00-0352	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 <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	757.00 350.31 121.72	54.25



Wood, Plastics, and Composites			06	06
Architectural Woodwork			06 40	
Architectural Wood Casework			06 41	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0353	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.....	797.55	59.67
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	350.31	
			For All Plywood Box Construction, Add	121.72	
06 41 13 00-0354	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.....	838.60	65.10
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	350.31	
			For All Plywood Box Construction, Add	121.72	
06 41 13 00-0355	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.....	436.15	21.70
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	467.08	
			For All Plywood Box Construction, Add	121.72	
06 41 13 00-0356	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.....	446.40	27.12
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	467.08	
			For All Plywood Box Construction, Add	121.72	
06 41 13 00-0357	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.....	484.20	32.55
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	467.08	
			For All Plywood Box Construction, Add	121.72	
06 41 13 00-0358	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.....	514.86	37.98
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	467.08	
			For All Plywood Box Construction, Add	121.72	
06 41 13 00-0359	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.....	540.97	43.40
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	467.08	
			For All Plywood Box Construction, Add	121.72	
06 41 13 00-0360	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.....	568.75	48.83
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	467.08	
			For All Plywood Box Construction, Add	121.72	
06 41 13 00-0361	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.....	793.62	54.25
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	467.08	
			For All Plywood Box Construction, Add	121.72	
06 41 13 00-0362	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.....	839.11	59.67
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	467.08	
			For All Plywood Box Construction, Add	121.72	
06 41 13 00-0363	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.....	886.10	65.10
			For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	467.08	
			For All Plywood Box Construction, Add	121.72	
06 41 13 00-0364			Wall Cabinets, 12" High, 12" Deep (06 41 13 00-0330)		
06 41 13 00-0365	EA		30" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	315.43	54.25
			For All Plywood Box Construction, Add	65.31	
06 41 13 00-0366	EA		33" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	336.07	59.67
			For All Plywood Box Construction, Add	65.31	
06 41 13 00-0367	EA		36" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	370.39	65.10
			For All Plywood Box Construction, Add	65.31	
06 41 13 00-0368	EA		39" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	395.12	70.53
			For All Plywood Box Construction, Add	65.31	
06 41 13 00-0369			Wall Cabinets, 14" High, 12" Deep (06 41 13 00-0330)		
06 41 13 00-0370	EA		12" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	268.31	21.70
			For All Plywood Box Construction, Add	65.31	
06 41 13 00-0371	EA		15" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	274.44	27.12
			For All Plywood Box Construction, Add	65.31	
06 41 13 00-0372	EA		18" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	287.50	32.55
			For All Plywood Box Construction, Add	65.31	
06 41 13 00-0373	EA		21" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	295.60	37.98
			For All Plywood Box Construction, Add	65.31	
06 41 13 00-0374	EA		24" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	303.71	43.40
			For All Plywood Box Construction, Add	65.31	
06 41 13 00-0375	EA		30" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	317.76	54.25
			For All Plywood Box Construction, Add	65.31	
06 41 13 00-0376	EA		33" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	339.72	59.67
			For All Plywood Box Construction, Add	65.31	

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 00-0377	EA	36" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	370.39	65.10
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0378	EA	39" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	395.12	70.53
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0379		Wall Cabinets, 18" High, 12" Deep (06 41 13 00-0330)		
06 41 13 00-0380	EA	12" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	278.21	21.70
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0381	EA	15" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	292.25	27.12
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0382	EA	18" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	303.33	32.55
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0383	EA	21" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	315.40	37.98
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0384	EA	24" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	331.42	43.40
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0385	EA	27" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	350.31	48.85
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0386	EA	30" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	366.25	54.25
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0387	EA	33" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	380.29	59.67
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0388	EA	36" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	388.20	65.10
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0389		Wall Cabinets, 30" High, 12" Deep (06 41 13 00-0330)		
06 41 13 00-0390	EA	12" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	303.54	21.70
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0391	EA	15" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	330.49	27.12
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0392	EA	18" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	352.24	32.55
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0393	EA	21" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	378.19	37.98
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0394	EA	24" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	404.17	43.40
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0395	EA	27" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	442.84	48.85
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0396	EA	30" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	453.82	54.25
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0397	EA	33" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	493.77	59.67
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0398	EA	36" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet	508.95	65.10
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0399		Wall Cabinets, 36" High, 12" Deep (06 41 13 00-0330)		
06 41 13 00-0400	EA	12" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	341.15	21.70
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0401	EA	15" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	369.09	27.12
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0402	EA	18" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	393.80	32.55
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0403	EA	21" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	421.73	37.98
		<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0404	EA	24" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet	494.23	43.40
		<i>For All Plywood Box Construction, Add</i>	65.31	



Wood, Plastics, and Composites			06	06
Architectural Woodwork			06 40	
Architectural Wood Casework			06 41	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0405	EA		27" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	496.28	48.85
			For All Plywood Box Construction, Add	65.31	
06 41 13 00-0406	EA		30" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	514.19	54.25
			For All Plywood Box Construction, Add	65.31	
06 41 13 00-0407	EA		33" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	562.05	59.67
			For All Plywood Box Construction, Add	65.31	
06 41 13 00-0408	EA		36" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	576.24	65.10
			For All Plywood Box Construction, Add	65.31	
06 41 13 00-0409			Wall Cabinets, 42" High, 12" Deep (06 41 13 00-0330)		
06 41 13 00-0410	EA		12" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	379.74	21.70
			For All Plywood Box Construction, Add	65.31	
06 41 13 00-0411	EA		15" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	414.61	27.12
			For All Plywood Box Construction, Add	65.31	
06 41 13 00-0412	EA		18" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	441.30	32.55
			For All Plywood Box Construction, Add	65.31	
06 41 13 00-0413	EA		21" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	468.24	37.98
			For All Plywood Box Construction, Add	65.31	
06 41 13 00-0414	EA		24" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	510.06	43.40
			For All Plywood Box Construction, Add	65.31	
06 41 13 00-0415	EA		27" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	543.78	48.85
			For All Plywood Box Construction, Add	65.31	
06 41 13 00-0416	EA		30" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	571.58	54.25
			For All Plywood Box Construction, Add	65.31	
06 41 13 00-0417	EA		33" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	625.38	59.67
			For All Plywood Box Construction, Add	65.31	
06 41 13 00-0418	EA		36" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	644.53	65.10
			For All Plywood Box Construction, Add	65.31	
06 41 13 00-0419			Wall Cabinets, 12" High, 23-3/4" Deep (06 41 13 00-0330)		
06 41 13 00-0420	EA		30" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	361.17	54.25
			For All Plywood Box Construction, Add	65.31	
06 41 13 00-0421	EA		33" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	387.86	59.67
			For All Plywood Box Construction, Add	65.31	
06 41 13 00-0422	EA		36" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	416.05	65.10
			For All Plywood Box Construction, Add	65.31	
06 41 13 00-0423	EA		39" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	449.83	70.53
			For All Plywood Box Construction, Add	65.31	
06 41 13 00-0424	EA		48" Wide, 12" High x 23-3/4" Deep, Triple Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	530.19	86.81
			For All Plywood Box Construction, Add	65.31	
06 41 13 00-0425			Utility Cabinets, 84" High (06 41 13 00-0330)		
06 41 13 00-0426	EA		15" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	692.14	48.22
			For All Plywood Box Construction, Add	241.46	
06 41 13 00-0427	EA		18" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	782.80	57.87
			For All Plywood Box Construction, Add	241.46	
06 41 13 00-0428	EA		21" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	879.41	453.30
			For All Plywood Box Construction, Add	241.46	
06 41 13 00-0429	EA		24" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	924.56	77.16
			For All Plywood Box Construction, Add	241.46	
06 41 13 00-0430	EA		30" Wide, 84" High x 12" Deep, Four Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	1,116.15	96.44
			For All Plywood Box Construction, Add	241.46	
06 41 13 00-0431	EA		36" Wide, 84" High x 12" Deep, Four Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	1,285.98	115.74
			For All Plywood Box Construction, Add	241.46	
06 41 13 00-0432	EA		15" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	781.20	48.22
			For All Plywood Box Construction, Add	241.46	

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 00-0433 EA 18" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	863.94	57.87
<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0434 EA 21" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	985.30	67.52
<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0435 EA 24" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	1,047.27	77.16
<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0436 EA 30" Wide, 84" High x 24" Deep, Four Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	1,296.26	96.44
<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0437 EA 36" Wide, 84" High x 24" Deep, Four Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	1,480.93	115.74
<i>For All Plywood Box Construction, Add</i>	241.46	

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.....	26.36	9.23
06 41 93 00-0003 EA 7" To 9" Long, 1/2" Diameter, Cabinet Bar Pull.....	27.22	9.23
06 41 93 00-0004 EA 10" To 12" Long, 1/2" Diameter, Cabinet Bar Pull.....	28.74	9.23
06 41 93 00-0005 EA 3" To 4-1/2", Flat Cabinet Pull Handle.....	30.42	9.23
06 41 93 00-0006 EA 5" To 6-1/2", Flat Cabinet Pull Handle.....	31.29	9.23
06 41 93 00-0007 EA 7" To 8-1/2", Flat Cabinet Pull Handle.....	40.60	9.23
06 41 93 00-0008 EA 12" To 12-1/2", Flat Cabinet Pull Handle.....	79.15	9.23
06 41 93 00-0009 EA 1-7/16" Diameter, Mushroom Cabinet Pull Knobs.....	20.56	7.05
06 41 93 00-0010 EA 3-7/16" x 1-5/8" x 1" Projection, Cabinet Cup Pull.....	20.41	7.05
06 41 93 00-0011 EA 1-1/4" Long, Finger Cabinet Pull.....	27.82	8.14
06 41 93 00-0012 EA 3" Long, Finger Cabinet Pull.....	31.88	8.14
06 41 93 00-0013 EA 4" Long, Finger Cabinet Pull.....	34.65	8.14
06 41 93 00-0014 EA 6" Long, Finger Cabinet Pull.....	38.44	8.14
06 41 93 00-0015 EA 12" Long, Finger Cabinet Pull.....	56.03	8.14
06 41 93 00-0016 EA Cabinet Spring Loaded Adjustable Barrel Ball Catch.....	40.48	10.85
06 41 93 00-0017 EA Cabinet Surface Mounted Square or Matchbook Latch.....	59.55	10.85
06 41 93 00-0018 EA Cabinet Door or Drawer Mortised Lock With 2 Keys.....	156.09	16.28
06 41 93 00-0019 EA Cabinet Door or Drawer Bored Lock with 2 Keys.....	53.40	9.23
06 41 93 00-0020 EA Cabinet Surface Mounted Slide or Barrel Bolt Latch.....	35.98	9.23

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".....	9.92	2.28
06 42 13 00-0004 SF Homestead Juniper Paneling Tongue And Groove, 7/16".....	10.44	2.28

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".....	12.61	2.16
06 42 13 00-0007 SF 8" Solid Plank Tongue And Groove, 7/16".....	11.69	2.16

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".....	11.48	2.28

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.....	7.41	1.95

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.....	6.21	1.97
<i>For Waterproof Glue, Add</i>	0.12	
<i>For Ceiling Installation, Add</i>	1.34	

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)**



Wood, Plastics, and Composites		06
Architectural Woodwork		06 40
Wood Paneling		06 42

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 42 16 00-0005	SF	1/4" Unfinished Birch Plywood, Natural Faced With Trim	.....	5.40	1.75
		For Waterproof Glue, Add	.....	0.10	
		For Ceiling Installation, Add	.....	1.18	
		For Installation On Metal Studs Or Furring, Add	.....	0.43	
		For Glue Laminated Installation, Add	.....	0.27	
		For Lumber Core, Add	.....	0.16	
		For 1/8" Thick Paneling, Deduct	.....	-0.52	
		For 1/2" Thick Paneling, Add	.....	1.27	
		For 5/8" Thick Paneling, Add	.....	1.57	
		For 3/4" Thick Paneling, Add	.....	1.97	
		For Fire Retardant Treatment (Class I), Add	.....	1.16	
06 42 16 00-0006	SF	1/4" Unfinished Birch Plywood, Select With Trim	.....	5.51	1.75
		For Waterproof Glue, Add	.....	0.11	
		For Ceiling Installation, Add	.....	1.18	
		For Installation On Metal Studs Or Furring, Add	.....	0.43	
		For Glue Laminated Installation, Add	.....	0.28	
		For Lumber Core, Add	.....	0.17	
		For 1/8" Thick Paneling, Deduct	.....	-0.54	
		For 1/2" Thick Paneling, Add	.....	1.32	
		For 5/8" Thick Paneling, Add	.....	1.66	
		For 3/4" Thick Paneling, Add	.....	2.08	
		For Fire Retardant Treatment (Class I), Add	.....	1.25	
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	.....	6.31	1.97
		For Waterproof Glue, Add	.....	0.14	
		For Ceiling Installation, Add	.....	1.31	
		For Installation On Metal Studs Or Furring, Add	.....	0.48	
		For Glue Laminated Installation, Add	.....	0.32	
		For Lumber Core, Add	.....	0.21	
		For 1/8" Thick Paneling, Deduct	.....	-0.63	
		For 1/2" Thick Paneling, Add	.....	1.57	
		For 5/8" Thick Paneling, Add	.....	1.98	
		For 3/4" Thick Paneling, Add	.....	2.50	
		For Fire Retardant Treatment (Class I), Add	.....	1.53	
06 42 16 00-0009	SF	1/4" Knotty Pine Plywood, Grade AD Unfinished With Trim	.....	6.23	1.97
		For Waterproof Glue, Add	.....	0.13	
		For Ceiling Installation, Add	.....	1.31	
		For Installation On Metal Studs Or Furring, Add	.....	0.48	
		For Glue Laminated Installation, Add	.....	0.31	
		For Lumber Core, Add	.....	0.20	
		For 1/8" Thick Paneling, Deduct	.....	-0.62	
		For 1/2" Thick Paneling, Add	.....	1.53	
		For 5/8" Thick Paneling, Add	.....	1.92	
		For 3/4" Thick Paneling, Add	.....	2.42	
		For Fire Retardant Treatment (Class I), Add	.....	1.47	
06 42 16 00-0010		Cedar (Aromatic - Closet Lining) (06 42 16 00-0003)			
06 42 16 00-0011	SF	1/4" Cedar Plywood, Standard Grade Unfinished With Trim, Closet Lining	.....	6.16	2.19
		For Waterproof Glue, Add	.....	0.09	
		For Ceiling Installation, Add	.....	1.48	
		For Installation On Metal Studs Or Furring, Add	.....	0.54	
		For Glue Laminated Installation, Add	.....	0.31	
		For Lumber Core, Add	.....	0.14	
		For 1/8" Thick Paneling, Deduct	.....	-0.55	
		For 1/2" Thick Paneling, Add	.....	1.26	
		For 5/8" Thick Paneling, Add	.....	1.52	
		For 3/4" Thick Paneling, Add	.....	1.86	
		For Fire Retardant Treatment (Class I), Add	.....	0.98	
06 42 16 00-0012	SF	1/4" Cedar Plywood, Particle Board Unfinished With Trim, Closet Lining	.....	6.06	2.19
		For Waterproof Glue, Add	.....	0.08	
		For Ceiling Installation, Add	.....	1.48	
		For Installation On Metal Studs Or Furring, Add	.....	0.54	
		For Glue Laminated Installation, Add	.....	0.30	
		For Lumber Core, Add	.....	0.13	
		For 1/8" Thick Paneling, Deduct	.....	-0.53	
		For 1/2" Thick Paneling, Add	.....	1.21	
		For 5/8" Thick Paneling, Add	.....	1.45	
		For 3/4" Thick Paneling, Add	.....	1.75	
		For Fire Retardant Treatment (Class I), Add	.....	0.90	
06 42 16 00-0013		Top Grade Plywood Prefinished With Trim 1/4" Thick (06 42 16)			

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 00-0014	SF		1/4" Top Grade Plywood, Birch Veneer Prefinished With Trim	6.01	1.97
			For Flitch Matched Veneer, Add	0.82	
			For Second Grade Veneer, Deduct	-0.16	
			For Third Grade Veneer, Deduct	-0.25	
			For Waterproof Glue, Add	0.11	
			For Ceiling Installation, Add	1.31	
			For Installation On Metal Studs Or Furring, Add	0.48	
			For Glue Laminated Installation, Add	0.30	
			For Lumber Core, Add	0.18	
			For 1/8" Thick Paneling, Deduct	-0.58	
			For 1/2" Thick Paneling, Add	1.41	
			For 5/8" Thick Paneling, Add	1.75	
			For 3/4" Thick Paneling, Add	2.20	
			For Fire Retardant Treatment (Class I), Add	1.30	
06 42 16 00-0015	SF		1/4" Top Grade Plywood, Cherry Veneer Prefinished With Trim	6.75	1.97
			For Flitch Matched Veneer, Add	1.19	
			For Second Grade Veneer, Deduct	-0.24	
			For Third Grade Veneer, Deduct	-0.36	
			For Waterproof Glue, Add	0.17	
			For Ceiling Installation, Add	1.31	
			For Installation On Metal Studs Or Furring, Add	0.48	
			For Glue Laminated Installation, Add	0.34	
			For Lumber Core, Add	0.26	
			For 1/8" Thick Paneling, Deduct	-0.70	
			For 1/2" Thick Paneling, Add	1.81	
			For 5/8" Thick Paneling, Add	2.31	
			For 3/4" Thick Paneling, Add	2.95	
			For Fire Retardant Treatment (Class I), Add	1.88	
06 42 16 00-0016	SF		1/4" Top Grade Plywood, Chestnut Veneer Prefinished With Trim	10.35	1.97
			For Flitch Matched Veneer, Add	2.56	
			For Second Grade Veneer, Deduct	-0.51	
			For Third Grade Veneer, Deduct	-0.77	
			For Waterproof Glue, Add	0.36	
			For Ceiling Installation, Add	1.57	
			For Installation On Metal Studs Or Furring, Add	0.58	
			For Glue Laminated Installation, Add	0.52	
			For Lumber Core, Add	0.56	
			For 1/8" Thick Paneling, Deduct	-1.22	
			For 1/2" Thick Paneling, Add	3.39	
			For 5/8" Thick Paneling, Add	4.46	
			For 3/4" Thick Paneling, Add	5.84	
			For Fire Retardant Treatment (Class I), Add	4.04	
06 42 16 00-0017	SF		1/4" Top Grade Plywood, Lauan Veneer Prefinished With Trim	5.01	1.97
			For Flitch Matched Veneer, Add	0.55	
			For Second Grade Veneer, Deduct	-0.11	
			For Third Grade Veneer, Deduct	-0.16	
			For Waterproof Glue, Add	0.08	
			For Ceiling Installation, Add	1.18	
			For Installation On Metal Studs Or Furring, Add	0.43	
			For Glue Laminated Installation, Add	0.25	
			For Lumber Core, Add	0.12	
			For 1/8" Thick Paneling, Deduct	-0.46	
			For 1/2" Thick Paneling, Add	1.06	
			For 5/8" Thick Paneling, Add	1.29	
			For 3/4" Thick Paneling, Add	1.58	
			For Fire Retardant Treatment (Class I), Add	0.86	
06 42 16 00-0018	SF		1/4" Top Grade Plywood, Mahogany Veneer Prefinished With Trim	9.03	1.97
			For Flitch Matched Veneer, Add	2.06	
			For Second Grade Veneer, Deduct	-0.41	
			For Third Grade Veneer, Deduct	-0.62	
			For Waterproof Glue, Add	0.29	
			For Ceiling Installation, Add	1.48	
			For Installation On Metal Studs Or Furring, Add	0.54	
			For Glue Laminated Installation, Add	0.45	
			For Lumber Core, Add	0.45	
			For 1/8" Thick Paneling, Deduct	-1.03	
			For 1/2" Thick Paneling, Add	2.81	
			For 5/8" Thick Paneling, Add	3.67	
			For 3/4" Thick Paneling, Add	4.78	
			For Fire Retardant Treatment (Class I), Add	3.25	
06 42 16 00-0019	SF		1/4" Top Grade Plywood, Red Oak Veneer Prefinished With Trim	6.19	1.97
			For Flitch Matched Veneer, Add	0.91	
			For Second Grade Veneer, Deduct	-0.18	
			For Third Grade Veneer, Deduct	-0.27	
			For Waterproof Glue, Add	0.13	
			For Ceiling Installation, Add	1.31	
			For Installation On Metal Studs Or Furring, Add	0.48	
			For Glue Laminated Installation, Add	0.31	
			For Lumber Core, Add	0.20	
			For 1/8" Thick Paneling, Deduct	-0.61	
			For 1/2" Thick Paneling, Add	1.51	
			For 5/8" Thick Paneling, Add	1.89	
			For 3/4" Thick Paneling, Add	2.38	
			For Fire Retardant Treatment (Class I), Add	1.44	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 42 16 00-0020	SF	1/4" Top Grade Plywood, Pecan 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	7.33 1.21 -0.24 -0.36 0.17 1.48 0.54 0.37 0.27 -0.75 1.89 2.40 3.05 1.90	1.97
06 42 16 00-0021	SF	1/4" Top Grade Plywood, Rosewood 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	11.97 2.91 -0.58 -0.87 0.41 1.85 0.68 0.60 0.64 -1.40 3.88 5.10 6.67 4.60	1.97
06 42 16 00-0022	SF	1/4" Top Grade Plywood, Teak 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	9.02 2.05 -0.41 -0.62 0.29 1.48 0.54 0.45 0.45 -1.03 2.80 3.67 4.77 3.24	1.97
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	7.86 1.75 -0.35 -0.52 0.24 1.31 0.48 0.39 0.38 -0.89 2.41 3.14 4.08 2.76	1.97
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	6.23 0.93 -0.19 -0.28 0.13 1.31 0.48 0.31 0.20 -0.62 1.53 1.92 2.42 1.47	1.97
06 42 16 00-0025		Accessories (06 42 16)		
06 42 16 00-0026	EA	Aluminum Panel Retainer "J" With Bolt	39.68	
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.	10.86	3.80

06 43 Wood Stairs and Railings (06 40)

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 43 Wood Stairs and Railings**MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST**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	57.74	22.02
06 43 13 00-0003	EA	30" Baluster, Birch	69.01	22.02
06 43 13 00-0004	EA	42" Baluster, Pine	65.59	22.77
06 43 13 00-0005	EA	42" Baluster, Birch	77.61	22.77
06 43 13 00-0006	EA	3-1/4" Wide Newels, Starting	349.01	86.55
06 43 13 00-0007	EA	3-1/4" Wide Newels, Landing	511.58	121.47
06 43 13 00-0008	LF	Oak Gooseneck, 1 Riser	205.67	75.92
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	24.93	
06 43 13 00-0009	LF	Oak Gooseneck, 2 Riser	241.79	83.41
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	27.40	
06 43 13 00-0010	LF	Oak Handrail, 2-1/2" x 3" With Quarter Turn	42.46	11.39
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	3.74	
06 43 13 00-0011	LF	1-1/16" x 9-1/2" Oak Stair Tread	56.29	6.40
		<i>For Beech, Add</i>	13.07	
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	2.93	
06 43 13 00-0012	LF	1-1/16" x 11-1/2" Oak Stair Tread	68.69	6.40
		<i>For Beech, Add</i>	16.79	
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	2.93	
06 43 13 00-0013	LF	1-1/16" x 11-1/2" Pine Stair Tread	30.29	6.40
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	2.93	
06 43 13 00-0014	LF	3/4" x 7-1/2" High Beech Riser	41.83	6.61
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	3.05	
06 43 13 00-0015	LF	3/4" x 7-1/2" High Oak Riser	39.20	6.61
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	3.05	
06 43 13 00-0016	LF	3/4" x 7-1/2" High Fir Riser	22.30	6.61
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	3.05	
06 43 13 00-0017	LF	3/4" x 7-1/2" High Pine Riser	21.47	6.61
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	3.05	
06 43 13 00-0018	SF	Framed Stair Landings, 3/4" Plywood Surface, Per SF Of Landing	45.86	

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	307.75	66.05
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	21.70	
		<i>For Prefinished Stair Rail With Balusters And Newel, Add</i>	72.30	
		<i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i>	23.79	
		<i>For Oak Or Maple Treads, Add</i>	96.03	
06 43 13 00-0021	EA	32" Wide Pine Box Stair, Per Riser	326.71	67.57
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	22.19	
		<i>For Prefinished Stair Rail With Balusters And Newel, Add</i>	72.95	
		<i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i>	24.06	
		<i>For Oak Or Maple Treads, Add</i>	103.60	
06 43 13 00-0022	EA	34" Wide Pine Box Stair, Per Riser	344.63	68.33
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	22.45	
		<i>For Prefinished Stair Rail With Balusters And Newel, Add</i>	73.28	
		<i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i>	24.20	
		<i>For Oak Or Maple Treads, Add</i>	111.16	
06 43 13 00-0023	EA	36" Wide Pine Box Stair, Per Riser	365.40	69.09
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	22.69	
		<i>For Prefinished Stair Rail With Balusters And Newel, Add</i>	73.60	
		<i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i>	24.33	
		<i>For Oak Or Maple Treads, Add</i>	120.03	
06 43 13 00-0024	EA	38" Wide Pine Box Stair, Per Riser	377.62	69.85
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	22.94	
		<i>For Prefinished Stair Rail With Balusters And Newel, Add</i>	73.93	
		<i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i>	24.47	
		<i>For Oak Or Maple Treads, Add</i>	125.04	
06 43 13 00-0025	EA	40" Wide Pine Box Stair, Per Riser	390.94	71.37
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	23.44	
		<i>For Prefinished Stair Rail With Balusters And Newel, Add</i>	74.58	
		<i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i>	24.74	
		<i>For Oak Or Maple Treads, Add</i>	130.05	
06 43 13 00-0026	EA	42" Wide Pine Box Stair, Per Riser	403.17	72.12
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	23.69	
		<i>For Prefinished Stair Rail With Balusters And Newel, Add</i>	74.91	
		<i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i>	24.88	
		<i>For Oak Or Maple Treads, Add</i>	135.07	
06 43 13 00-0027	EA	44" Wide Pine Box Stair, Per Riser	415.41	72.89
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	23.95	
		<i>For Prefinished Stair Rail With Balusters And Newel, Add</i>	75.24	
		<i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i>	25.02	
		<i>For Oak Or Maple Treads, Add</i>	140.08	
06 43 13 00-0028	EA	46" Wide Pine Box Stair, Per Riser	427.60	73.64
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	24.19	
		<i>For Prefinished Stair Rail With Balusters And Newel, Add</i>	75.55	
		<i>For Each LF Of Prefinished Handrail, Brackets And Baluster, Add</i>	25.15	
		<i>For Oak Or Maple Treads, Add</i>	145.09	



Wood, Plastics, and Composites			06
Architectural Woodwork			06 40
Wood Stairs and Railings			06 43

MINOR		DESCRIPTION	TOTAL DIRECT		DEMOLITION
CSI	UOM		UNIT COST		
06 43 13 00-0029	EA	48" 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	441.90 24.94 76.54 25.56 150.05	75.92	
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 For Curved Surfaces With A 2'-0" Maximum Radius, Add	18.43 2.49	5.43	
06 43 16 00-0004	LF	1-7/8" x 2-5/8", Wood Handrail With Brackets For Curved Surfaces With A 2'-0" Maximum Radius, Add	19.96 2.49	5.43	
06 43 16 00-0005	LF	1-1/2" Diameter, Wood Handrail With Brackets.....	25.07	5.43	
06 43 16 00-0006	LF	1-3/4" Diameter, Wood Handrail With Brackets.....	26.35	5.43	
06 43 16 00-0007	LF	2" Diameter, Wood Handrail With Brackets.....	30.94	5.43	
06 43 16 00-0008	LF	2-1/2" Diameter, Wood Handrail With Brackets.....	45.12	5.43	
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.....	78.38	6.84	
06 44 39 00-0004	LF	8" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	97.72	10.00	
06 44 39 00-0005	LF	10" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	120.15	11.57	
06 44 39 00-0006	LF	12" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	144.30	12.09	
06 44 39 00-0007	LF	14" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	325.80	13.68	
06 44 39 00-0008	LF	16" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	378.82	14.73	
06 44 39 00-0009	LF	18" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	456.55	15.78	
06 44 39 00-0010	LF	20" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	545.65	16.83	
06 44 39 00-0011	LF	6" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	90.53	6.84	
06 44 39 00-0012	LF	8" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	107.47	10.00	
06 44 39 00-0013	LF	10" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	133.61	11.57	
06 44 39 00-0014	LF	12" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	158.68	12.09	
06 44 39 00-0015	LF	14" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	355.03	13.68	
06 44 39 00-0016	LF	16" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	483.67	14.73	
06 44 39 00-0017	LF	18" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	521.51	15.78	
06 44 39 00-0018	LF	20" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	587.41	16.83	
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.....	94.71	6.84	
06 44 39 00-0021	LF	8" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....	116.28	10.00	
06 44 39 00-0022	LF	10" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....	144.28	11.57	
06 44 39 00-0023	LF	12" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....	174.46	12.09	
06 44 39 00-0024	LF	14" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....	401.47	13.68	
06 44 39 00-0025	LF	16" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....	467.44	14.73	
06 44 39 00-0026	LF	18" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....	564.33	15.78	
06 44 39 00-0027	LF	20" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....	675.47	16.83	
06 44 39 00-0028	LF	6" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....	109.93	6.84	
06 44 39 00-0029	LF	8" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....	129.60	10.00	
06 44 39 00-0030	LF	10" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....	161.72	11.57	
06 44 39 00-0031	LF	12" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....	192.93	12.09	
06 44 39 00-0032	LF	14" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....	438.08	13.68	
06 44 39 00-0033	LF	16" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....	598.88	14.73	
06 44 39 00-0034	LF	18" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....	645.76	15.78	
06 44 39 00-0035	LF	20" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....	727.85	16.83	
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.....	84.16	6.84	
06 44 39 00-0038	LF	8" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base.....	104.67	10.00	
06 44 39 00-0039	LF	10" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base.....	128.89	11.57	
06 44 39 00-0040	LF	12" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base.....	155.12	12.09	
06 44 39 00-0041	LF	6" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base.....	97.40	6.84	
06 44 39 00-0042	LF	8" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base.....	115.29	10.00	
06 44 39 00-0043	LF	10" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base.....	143.56	11.57	
06 44 39 00-0044	LF	12" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base.....	170.80	12.09	
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 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 44 Ornamental Woodwork**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

06 44 39 00-0046	LF	6" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base.....	132.76	6.84
06 44 39 00-0047	LF	8" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base.....	158.97	10.00
06 44 39 00-0048	LF	10" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base.....	198.56	11.57
06 44 39 00-0049	LF	12" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base.....	243.59	12.09
06 44 39 00-0050	LF	6" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base.....	153.17	6.84
06 44 39 00-0051	LF	8" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base.....	180.77	10.00
06 44 39 00-0052	LF	10" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base.....	224.08	11.57
06 44 39 00-0053	LF	12" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base.....	277.00	12.09

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	418.43	14.20
06 44 39 00-0056	EA	8" Resin Corinthian Capital And Base	634.72	15.78
06 44 39 00-0057	EA	10" Resin Corinthian Capital And Base	885.88	18.41
06 44 39 00-0058	EA	12" Resin Corinthian Capital And Base	1,132.41	21.04
06 44 39 00-0059	EA	6" Resin Greek Erectheum Cap And Base	371.74	14.20
06 44 39 00-0060	EA	8" Resin Greek Erectheum Cap And Base	518.73	15.78
06 44 39 00-0061	EA	10" Resin Greek Erectheum Cap And Base	644.62	18.41
06 44 39 00-0062	EA	12" Resin Greek Erectheum Cap And Base	844.74	21.04
06 44 39 00-0063	EA	6" Resin Roman Ionic Capital And Base.....	391.35	14.73
06 44 39 00-0064	EA	8" Resin Roman Ionic Capital And Base.....	518.73	15.78
06 44 39 00-0065	EA	10" Resin Roman Ionic Capital And Base.....	644.62	18.41
06 44 39 00-0066	EA	12" Resin Roman Ionic Capital And Base.....	821.55	21.04
06 44 39 00-0067	EA	6" Resin Scamozzi Capital And Base	395.98	14.73
06 44 39 00-0068	EA	8" Resin Scamozzi Capital And Base	565.12	15.78
06 44 39 00-0069	EA	10" Resin Scamozzi Capital And Base	667.82	18.41
06 44 39 00-0070	EA	12" Resin Scamozzi Capital And Base	918.98	21.04
06 44 39 00-0071	EA	6" Resin Temple Of Winds Cap And Base.....	395.98	14.73
06 44 39 00-0072	EA	8" Resin Temple Of Winds Cap And Base.....	616.16	15.78
06 44 39 00-0073	EA	10" Resin Temple Of Winds Cap And Base.....	816.29	18.41
06 44 39 00-0074	EA	12" Resin Temple Of Winds Cap And Base.....	1,011.77	21.04

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	849.62	14.20
06 44 39 00-0077	EA	8" Plaster Corinthian Capital And Base	954.86	15.78
06 44 39 00-0078	EA	10" Plaster Corinthian Capital And Base	1,215.30	18.41
06 44 39 00-0079	EA	12" Plaster Corinthian Capital And Base	1,336.55	21.04
06 44 39 00-0080	EA	6" Plaster Greek Erectheum Cap And Base	561.96	14.20
06 44 39 00-0081	EA	8" Plaster Greek Erectheum Cap And Base	653.28	15.78
06 44 39 00-0082	EA	10" Plaster Greek Erectheum Cap And Base	807.01	18.41
06 44 39 00-0083	EA	12" Plaster Greek Erectheum Cap And Base	1,016.41	21.04
06 44 39 00-0084	EA	6" Plaster Roman Ionic Capital And Base.....	539.81	14.73
06 44 39 00-0085	EA	8" Plaster Roman Ionic Capital And Base.....	708.95	15.78
06 44 39 00-0086	EA	10" Plaster Roman Ionic Capital And Base.....	858.04	18.41
06 44 39 00-0087	EA	12" Plaster Roman Ionic Capital And Base.....	1,016.41	21.04
06 44 39 00-0088	EA	6" Plaster Scamozzi Capital And Base	641.89	14.73
06 44 39 00-0089	EA	8" Plaster Scamozzi Capital And Base	852.78	15.78
06 44 39 00-0090	EA	10" Plaster Scamozzi Capital And Base	960.12	18.41
06 44 39 00-0091	EA	12" Plaster Scamozzi Capital And Base	1,220.56	21.04
06 44 39 00-0092	EA	6" Plaster Temple Of Winds Cap And Base.....	539.81	14.73
06 44 39 00-0093	EA	8" Plaster Temple Of Winds Cap And Base.....	699.67	15.78
06 44 39 00-0094	EA	10" Plaster Temple Of Winds Cap And Base.....	913.72	18.41
06 44 39 00-0095	EA	12" Plaster Temple Of Winds Cap And Base.....	1,169.52	21.04
06 44 39 00-0096	EA	6" Plaster Empire Capital And Base	609.41	14.73
06 44 39 00-0097	EA	8" Plaster Empire Capital And Base	746.07	15.78
06 44 39 00-0098	EA	10" Plaster Empire Capital And Base	909.08	18.41
06 44 39 00-0099	EA	12" Plaster Empire Capital And Base	1,016.41	21.04

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.....	5.28	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.89	
06 46 13 00-0003	LF	1-1/8" Wide Detailed Pine Door And Window Molding.....	5.34	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.89	
06 46 13 00-0004	LF	2-1/2" Wide Pine Complete Door And Window Trim.....	6.85	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.89	

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.....	5.38	2.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.04	
06 46 19 00-0003	LF	3/4" x 3/4" Pine Quarter Round Trim.....	5.81	2.06
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.04	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 19 00-0004	LF	3-1/2"	High White Pine Base Molding, All Dimensions Are Nominal..... <i>For Clear Birch, Add</i> <i>For Clear Mahogany, Oak, Maple Or Walnut, Add</i> <i>For Stain Grade Material (No Finger Joints), Add</i> <i>For Clear Poplar, Add</i>	7.10 0.88 1.68 0.50 0.55	1.30
06 46 19 00-0005	LF	4-1/2"	High White Pine Base Molding, All Dimensions Are Nominal..... <i>For Clear Birch, Add</i> <i>For Clear Mahogany, Oak, Maple Or Walnut, Add</i> <i>For Stain Grade Material (No Finger Joints), Add</i> <i>For Clear Poplar, Add</i>	8.61 1.02 1.97 0.57 0.64	1.63
06 46 19 00-0006	LF	5-1/2"	High White Pine Base Molding, All Dimensions Are Nominal..... <i>For Clear Birch, Add</i> <i>For Clear Mahogany, Oak, Maple Or Walnut, Add</i> <i>For Stain Grade Material (No Finger Joints), Add</i> <i>For Clear Poplar, Add</i>	10.89 1.57 2.81 0.89 0.98	1.84
06 46 19 00-0007	LF	3/4" x 1"	Oak Base Shoe	6.93	2.06
06 46 19 00-0008	LF	3/4" x 1"	White Pine Base Shoe, Stain Grade.....	6.68	2.06
06 46 19 00-0009	LF	3/4" x 1"	White Pine Base Shoe, Paint Grade.....	6.13	2.06
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..... <i>For Birch, Add</i> <i>For Mahogany, Oak, Maple Or Walnut, Add</i> <i>For Poplar, Add</i>	8.87 1.45 2.47 0.91	1.95
06 46 23 00-0003	LF	5/8" x 3-1/2"	White Pine Shaped Chair Rail..... <i>For Birch, Add</i> <i>For Mahogany, Oak, Maple Or Walnut, Add</i> <i>For Poplar, Add</i>	11.16 2.18 3.50 1.36	1.95
06 46 23 00-0004	LF	1/2" x 1-5/8"	White Pine Shaped Chair Rail..... <i>For Birch, Add</i> <i>For Mahogany, Oak, Maple Or Walnut, Add</i> <i>For Poplar, Add</i>	6.56 1.06 1.81 0.66	1.95
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..... <i>For Birch, Add</i> <i>For Mahogany, Oak, Maple, Or Walnut, Add</i> <i>For Poplar, Add</i>	6.40 0.74 1.36 0.93	1.95
06 46 26 00-0003	LF	1" x 4"	White Pine Cornices, All Dimensions Are Nominal..... <i>For Birch, Add</i> <i>For Mahogany, Oak, Maple, Or Walnut, Add</i> <i>For Poplar, Add</i>	8.25 1.34 2.13 1.68	2.06
06 46 26 00-0004	LF	1" x 6"	White Pine Cornices, All Dimensions Are Nominal..... <i>For Birch, Add</i> <i>For Mahogany, Oak, Maple, Or Walnut, Add</i> <i>For Poplar, Add</i>	11.82 2.56 3.67 3.20	2.16
06 46 26 00-0005	LF	1" x 8"	White Pine Cornices, All Dimensions Are Nominal..... <i>For Birch, Add</i> <i>For Mahogany, Oak, Maple, Or Walnut, Add</i> <i>For Poplar, Add</i>	13.76 3.18 4.47 3.97	2.16
06 46 26 00-0006	LF	1" x 10"	White Pine Cornices, All Dimensions Are Nominal..... <i>For Birch, Add</i> <i>For Mahogany, Oak, Maple, Or Walnut, Add</i> <i>For Poplar, Add</i>	16.00 3.90 5.39 4.88	2.28
06 46 26 00-0007	LF	1" x 12"	White Pine Cornices, All Dimensions Are Nominal..... <i>For Birch, Add</i> <i>For Mahogany, Oak, Maple, Or Walnut, Add</i> <i>For Poplar, Add</i>	20.85 5.55 7.48 6.94	2.50
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	5.04	2.16
06 46 29 00-0004	LF	1" x 8"	Pine Fascia Board	5.76	2.41
06 46 29 00-0005	LF	1" x 10"	Pine Fascia Board	6.21	2.53
06 46 29 00-0006	LF	1" x 12"	Pine Fascia Board	7.29	2.83
06 46 29 00-0007	LF	2" x 6"	Pine Fascia Board	4.99	2.16
06 46 29 00-0008	LF	2" x 8"	Pine Fascia Board	5.68	2.41
06 46 29 00-0009	LF	2" x 10"	Pine Fascia Board	6.32	2.53
06 46 29 00-0010	LF	2" x 12"	Pine Fascia Board	7.61	2.83
06 46 29 00-0011	LF	2" x 6"	Trim, Exterior, Pine, Resawn Fascia	6.90	2.16
06 46 29 00-0012	LF	2" x 8"	Trim, Exterior, Pine, Resawn Fascia	8.19	2.41
06 46 29 00-0013	LF	2" x 10"	Trim, Exterior, Pine, Resawn Fascia	9.34	2.53
06 46 29 00-0014	LF	2" x 12"	Trim, Exterior, Pine, Resawn Fascia	12.13	2.83

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 29 00-0015 Cedar Fascia Board (06 46 29 00-0001)			
06 46 29 00-0016	LF	1" x 6" Cedar Fascia Board.....	5.38
06 46 29 00-0017	LF	1" x 8" Cedar Fascia Board.....	6.28
06 46 29 00-0018	LF	1" x 10" Cedar Fascia Board.....	7.22
06 46 29 00-0019	LF	1" x 12" Cedar Fascia Board.....	8.71
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.....	4.85
06 46 29 00-0022	LF	1" x 8" Engineered Wood Fascia Board.....	5.30
06 46 29 00-0023	LF	1" x 12" Engineered Wood Fascia Board.....	6.68
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.....	4.49
06 46 29 00-0027	SF	1/2" Thick, Sanded Plywood Soffit.....	4.94
06 46 29 00-0028	SF	5/8" Thick, Sanded Plywood Soffit.....	5.19
06 46 29 00-0029	SF	3/4" Thick, Sanded Plywood Soffit.....	5.76
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.....	5.05
06 46 29 00-0032	SF	1/2" Thick, MDO Plywood Soffit.....	5.65
06 46 29 00-0033	SF	3/4" Thick, MDO Plywood Soffit.....	7.13
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.....	3.63
06 46 29 00-0036	SF	5/8" Thick, Fire Rated, Exterior Ceiling Gypsum Board Soffit.....	3.94

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.....	8.46
		For Curved Surfaces With A 2'-0" Maximum Radius, Add.....	0.88
06 46 36 00-0003	LF	3/4" x 2-1/2" Custom Shaped Ash.....	10.90
		For Curved Surfaces With A 2'-0" Maximum Radius, Add.....	0.91
06 46 36 00-0004	LF	3/4" x 3-1/2" Custom Shaped Ash.....	13.35
		For Curved Surfaces With A 2'-0" Maximum Radius, Add.....	0.94
06 46 36 00-0005	LF	3/4" x 4-1/2" Custom Shaped Ash.....	15.79
		For Curved Surfaces With A 2'-0" Maximum Radius, Add.....	0.96
06 46 36 00-0006	LF	3/4" x 5-1/2" Custom Shaped Ash.....	18.35
		For Curved Surfaces With A 2'-0" Maximum Radius, Add.....	1.02
06 46 36 00-0007	LF	3/4" x 6-1/2" Custom Shaped Ash.....	20.91
		For Curved Surfaces With A 2'-0" Maximum Radius, Add.....	1.07
06 46 36 00-0008	LF	3/4" x 7-1/2" Custom Shaped Ash.....	23.34
		For Curved Surfaces With A 2'-0" Maximum Radius, Add.....	1.10
06 46 36 00-0009	LF	3/4" x 8-1/2" Custom Shaped Ash.....	25.81
		For Curved Surfaces With A 2'-0" Maximum Radius, Add.....	1.13
06 46 36 00-0010	LF	3/4" x 9-1/2" Custom Shaped Ash.....	28.19
		For Curved Surfaces With A 2'-0" Maximum Radius, Add.....	1.15
06 46 36 00-0011	LF	3/4" x 10-1/2" Custom Shaped Ash.....	30.78
		For Curved Surfaces With A 2'-0" Maximum Radius, Add.....	1.21
06 46 36 00-0012	LF	3/4" x 11-1/2" Custom Shaped Ash.....	33.27
		For Curved Surfaces With A 2'-0" Maximum Radius, Add.....	1.25
06 46 36 00-0013	LF	1" x 1-1/2" Custom Shaped Ash.....	10.17
		For Curved Surfaces With A 2'-0" Maximum Radius, Add.....	0.90
06 46 36 00-0014	LF	1" x 2-1/2" Custom Shaped Ash.....	13.38
		For Curved Surfaces With A 2'-0" Maximum Radius, Add.....	0.93
06 46 36 00-0015	LF	1" x 3-1/2" Custom Shaped Ash.....	16.60
		For Curved Surfaces With A 2'-0" Maximum Radius, Add.....	0.96
06 46 36 00-0016	LF	1" x 4-1/2" Custom Shaped Ash.....	19.82
		For Curved Surfaces With A 2'-0" Maximum Radius, Add.....	0.99
06 46 36 00-0017	LF	1" x 5-1/2" Custom Shaped Ash.....	23.21
		For Curved Surfaces With A 2'-0" Maximum Radius, Add.....	1.04
06 46 36 00-0018	LF	1" x 6-1/2" Custom Shaped Ash.....	26.54
		For Curved Surfaces With A 2'-0" Maximum Radius, Add.....	1.10
06 46 36 00-0019	LF	1" x 7-1/2" Custom Shaped Ash.....	29.75
		For Curved Surfaces With A 2'-0" Maximum Radius, Add.....	1.12
06 46 36 00-0020	LF	1" x 8-1/2" Custom Shaped Ash.....	32.98
		For Curved Surfaces With A 2'-0" Maximum Radius, Add.....	1.16
06 46 36 00-0021	LF	1" x 9-1/2" Custom Shaped Ash.....	36.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add.....	1.17
06 46 36 00-0022	LF	1" x 10-1/2" Custom Shaped Ash.....	39.56
		For Curved Surfaces With A 2'-0" Maximum Radius, Add.....	1.24
06 46 36 00-0023	LF	1" x 11-1/2" Custom Shaped Ash.....	42.82
		For Curved Surfaces With A 2'-0" Maximum Radius, Add.....	1.27



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0024	LF	1-1/4" x 1-1/2" Custom Shaped Ash	.....	12.33	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.93	
06 46 36 00-0025	LF	1-1/4" x 2-1/2" Custom Shaped Ash	.....	16.59	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.96	
06 46 36 00-0026	LF	1-1/4" x 3-1/2" Custom Shaped Ash	.....	20.85	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.98	
06 46 36 00-0027	LF	1-1/4" x 4-1/2" Custom Shaped Ash	.....	25.11	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.07	
06 46 36 00-0028	LF	1-1/4" x 5-1/2" Custom Shaped Ash	.....	29.51	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.07	
06 46 36 00-0029	LF	1-1/4" x 6-1/2" Custom Shaped Ash	.....	33.89	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.12	
06 46 36 00-0030	LF	1-1/4" x 7-1/2" Custom Shaped Ash	.....	38.14	1.52
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.15	
06 46 36 00-0031	LF	1-1/4" x 8-1/2" Custom Shaped Ash	.....	42.42	1.52
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.18	
06 46 36 00-0032	LF	1-1/4" x 9-1/2" Custom Shaped Ash	.....	46.64	1.52
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.20	
06 46 36 00-0033	LF	1-1/4" x 10-1/2" Custom Shaped Ash	.....	51.05	1.63
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.26	
06 46 36 00-0034	LF	1-1/4" x 11-1/2" Custom Shaped Ash	.....	55.36	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.30	
06 46 36 00-0035	LF	1-1/2" x 1-1/2" Custom Shaped Ash	.....	15.42	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.95	
06 46 36 00-0036	LF	1-1/2" x 2-1/2" Custom Shaped Ash	.....	21.17	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.98	
06 46 36 00-0037	LF	1-1/2" x 3-1/2" Custom Shaped Ash	.....	26.93	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.07	
06 46 36 00-0038	LF	1-1/2" x 4-1/2" Custom Shaped Ash	.....	32.68	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.04	
06 46 36 00-0039	LF	1-1/2" x 5-1/2" Custom Shaped Ash	.....	38.45	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.07	
06 46 36 00-0040	LF	1-1/2" x 6-1/2" Custom Shaped Ash	.....	44.44	1.52
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.15	
06 46 36 00-0041	LF	1-1/2" x 7-1/2" Custom Shaped Ash	.....	50.28	1.52
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.17	
06 46 36 00-0042	LF	1-1/2" x 8-1/2" Custom Shaped Ash	.....	55.97	1.52
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.21	
06 46 36 00-0043	LF	1-1/2" x 9-1/2" Custom Shaped Ash	.....	61.66	1.63
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.22	
06 46 36 00-0044	LF	1-1/2" x 10-1/2" Custom Shaped Ash	.....	68.12	1.63
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.29	
06 46 36 00-0045	LF	1-1/2" x 11-1/2" Custom Shaped Ash	.....	73.37	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.32	
06 46 36 00-0046		Basswood (06 46 36)			
06 46 36 00-0047	LF	3/4" x 1-1/2" Custom Shaped Basswood	.....	6.91	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.88	
06 46 36 00-0048	LF	3/4" x 2-1/2" Custom Shaped Basswood	.....	8.58	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.91	
06 46 36 00-0049	LF	3/4" x 3-1/2" Custom Shaped Basswood	.....	10.26	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.94	
06 46 36 00-0050	LF	3/4" x 4-1/2" Custom Shaped Basswood	.....	11.92	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.96	
06 46 36 00-0051	LF	3/4" x 5-1/2" Custom Shaped Basswood	.....	13.71	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.02	
06 46 36 00-0052	LF	3/4" x 6-1/2" Custom Shaped Basswood	.....	15.50	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.07	
06 46 36 00-0053	LF	3/4" x 7-1/2" Custom Shaped Basswood	.....	17.15	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.10	
06 46 36 00-0054	LF	3/4" x 8-1/2" Custom Shaped Basswood	.....	18.85	1.52
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.13	
06 46 36 00-0055	LF	3/4" x 9-1/2" Custom Shaped Basswood	.....	20.46	1.52
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.15	
06 46 36 00-0056	LF	3/4" x 10-1/2" Custom Shaped Basswood	.....	22.27	1.63
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.21	
06 46 36 00-0057	LF	3/4" x 11-1/2" Custom Shaped Basswood	.....	23.99	1.63
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.25	
06 46 36 00-0058	LF	1" x 1-1/2" Custom Shaped Basswood	.....	7.96	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.90	
06 46 36 00-0059	LF	1" x 2-1/2" Custom Shaped Basswood	.....	10.07	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.93	
06 46 36 00-0060	LF	1" x 3-1/2" Custom Shaped Basswood	.....	12.18	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.96	
06 46 36 00-0061	LF	1" x 4-1/2" Custom Shaped Basswood	.....	14.30	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.99	
06 46 36 00-0062	LF	1" x 5-1/2" Custom Shaped Basswood	.....	16.58	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.04	
06 46 36 00-0063	LF	1" x 6-1/2" Custom Shaped Basswood	.....	18.81	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.10	
06 46 36 00-0064	LF	1" x 7-1/2" Custom Shaped Basswood	.....	20.91	1.52
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.12	

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 00-0065	LF	1" x 8-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	23.04 1.16	1.52
06 46 36 00-0066	LF	1" x 9-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	25.15 1.17	1.52
06 46 36 00-0067	LF	1" x 10-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	27.41 1.24	1.63
06 46 36 00-0068	LF	1" x 11-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	29.57 1.27	1.63
06 46 36 00-0069	LF	1-1/2" x 1-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	11.11 0.93	1.20
06 46 36 00-0070	LF	1-1/2" x 2-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	14.76 0.96	1.20
06 46 36 00-0071	LF	1-1/2" x 3-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	18.42 0.98	1.30
06 46 36 00-0072	LF	1-1/2" x 4-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	22.08 1.01	1.30
06 46 36 00-0073	LF	1-1/2" x 5-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	25.86 1.07	1.41
06 46 36 00-0074	LF	1-1/2" x 6-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	29.63 1.12	1.52
06 46 36 00-0075	LF	1-1/2" x 7-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	33.28 1.15	1.52
06 46 36 00-0076	LF	1-1/2" x 8-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	36.96 1.18	1.52
06 46 36 00-0077	LF	1-1/2" x 9-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	40.56 1.20	1.52
06 46 36 00-0078	LF	1-1/2" x 10-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	44.36 1.26	1.63
06 46 36 00-0079	LF	1-1/2" x 11-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	48.07 1.30	1.73
06 46 36 00-0080	LF	3-1/2" x 3-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	45.32 1.07	1.41
06 46 36 00-0081	LF	3-1/2" x 4-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	55.69 1.12	1.41
06 46 36 00-0082	LF	3-1/2" x 5-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	65.97 1.15	1.52
06 46 36 00-0083	LF	3-1/2" x 6-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	76.46 1.22	1.63
06 46 36 00-0084	LF	3-1/2" x 7-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	86.73 1.25	1.63
06 46 36 00-0085	LF	3-1/2" x 8-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	97.22 1.30	1.73
06 46 36 00-0086	LF	3-1/2" x 9-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	107.37 1.32	1.73
06 46 36 00-0087	LF	3-1/2" x 10-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	117.65 1.35	1.73
06 46 36 00-0088	LF	3-1/2" x 11-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	128.15 1.42	1.84
06 46 36 00-0089 Birch (06 46 36)				
06 46 36 00-0090	LF	3/4" x 1-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	7.47 0.88	1.20
06 46 36 00-0091	LF	3/4" x 2-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	9.41 0.91	1.20
06 46 36 00-0092	LF	3/4" x 3-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	11.36 0.94	1.20
06 46 36 00-0093	LF	3/4" x 4-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	13.30 0.96	1.30
06 46 36 00-0094	LF	3/4" x 5-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	15.37 1.02	1.30
06 46 36 00-0095	LF	3/4" x 6-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	17.43 1.07	1.41
06 46 36 00-0096	LF	3/4" x 7-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	19.36 1.10	1.41
06 46 36 00-0097	LF	3/4" x 8-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	21.33 1.13	1.41
06 46 36 00-0098	LF	3/4" x 9-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	23.22 1.15	1.52
06 46 36 00-0099	LF	3/4" x 10-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	25.31 1.21	1.52
06 46 36 00-0100	LF	3/4" x 11-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	27.30 1.25	1.63
06 46 36 00-0101	LF	1" x 1-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	8.79 0.90	1.20
06 46 36 00-0102	LF	1" x 2-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	11.29 0.93	1.20
06 46 36 00-0103	LF	1" x 3-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	13.84 0.96	1.30
06 46 36 00-0104	LF	1" x 4-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	16.40 0.99	1.30
06 46 36 00-0105	LF	1" x 5-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	19.07 1.04	1.41



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0106	LF	1" x 6-1/2" Custom Shaped Birch	.....	21.68	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.10	
06 46 36 00-0107	LF	1" x 7-1/2" Custom Shaped Birch	.....	24.22	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.12	
06 46 36 00-0108	LF	1" x 8-1/2" Custom Shaped Birch	.....	26.79	1.52
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.16	
06 46 36 00-0109	LF	1" x 9-1/2" Custom Shaped Birch	.....	29.29	1.52
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.17	
06 46 36 00-0110	LF	1" x 10-1/2" Custom Shaped Birch	.....	31.94	1.63
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.24	
06 46 36 00-0111	LF	1" x 11-1/2" Custom Shaped Birch	.....	34.54	1.63
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.27	
06 46 36 00-0112	LF	1-1/4" x 1-1/2" Custom Shaped Birch	.....	10.34	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.93	
06 46 36 00-0113	LF	1-1/4" x 2-1/2" Custom Shaped Birch	.....	13.61	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.96	
06 46 36 00-0114	LF	1-1/4" x 3-1/2" Custom Shaped Birch	.....	16.87	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.98	
06 46 36 00-0115	LF	1-1/4" x 4-1/2" Custom Shaped Birch	.....	20.14	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.01	
06 46 36 00-0116	LF	1-1/4" x 5-1/2" Custom Shaped Birch	.....	23.54	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.07	
06 46 36 00-0117	LF	1-1/4" x 6-1/2" Custom Shaped Birch	.....	26.93	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.12	
06 46 36 00-0118	LF	1-1/4" x 7-1/2" Custom Shaped Birch	.....	30.19	1.52
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.15	
06 46 36 00-0119	LF	1-1/4" x 8-1/2" Custom Shaped Birch	.....	33.48	1.52
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.18	
06 46 36 00-0120	LF	1-1/4" x 9-1/2" Custom Shaped Birch	.....	36.69	1.52
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.20	
06 46 36 00-0121	LF	1-1/4" x 10-1/2" Custom Shaped Birch	.....	40.11	1.63
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.26	
06 46 36 00-0122	LF	1-1/4" x 11-1/2" Custom Shaped Birch	.....	43.43	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.30	
06 46 36 00-0123	LF	1-1/2" x 1-1/2" Custom Shaped Birch	.....	12.77	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.95	
06 46 36 00-0124	LF	1-1/2" x 2-1/2" Custom Shaped Birch	.....	17.19	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.98	
06 46 36 00-0125	LF	1-1/2" x 3-1/2" Custom Shaped Birch	.....	21.62	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.01	
06 46 36 00-0126	LF	1-1/2" x 4-1/2" Custom Shaped Birch	.....	26.05	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.04	
06 46 36 00-0127	LF	1-1/2" x 5-1/2" Custom Shaped Birch	.....	30.50	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.07	
06 46 36 00-0128	LF	1-1/2" x 6-1/2" Custom Shaped Birch	.....	35.16	1.52
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.15	
06 46 36 00-0129	LF	1-1/2" x 7-1/2" Custom Shaped Birch	.....	39.57	1.52
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.17	
06 46 36 00-0130	LF	1-1/2" x 8-1/2" Custom Shaped Birch	.....	44.03	1.52
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.21	
06 46 36 00-0131	LF	1-1/2" x 9-1/2" Custom Shaped Birch	.....	48.40	1.63
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.22	
06 46 36 00-0132	LF	1-1/2" x 10-1/2" Custom Shaped Birch	.....	53.53	1.63
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.29	
06 46 36 00-0133	LF	1-1/2" x 11-1/2" Custom Shaped Birch	.....	57.46	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.32	
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	.....	7.47	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.88	
06 46 36 00-0136	LF	3/4" x 2-1/2" Custom Shaped Clear West Cedar	.....	9.41	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.91	
06 46 36 00-0137	LF	3/4" x 3-1/2" Custom Shaped Clear West Cedar	.....	11.36	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.94	
06 46 36 00-0138	LF	3/4" x 4-1/2" Custom Shaped Clear West Cedar	.....	13.30	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.96	
06 46 36 00-0139	LF	3/4" x 5-1/2" Custom Shaped Clear West Cedar	.....	15.37	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.02	
06 46 36 00-0140	LF	3/4" x 6-1/2" Custom Shaped Clear West Cedar	.....	17.43	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.07	
06 46 36 00-0141	LF	1" x 1-1/2" Custom Shaped Clear West Cedar	.....	8.90	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.90	
06 46 36 00-0142	LF	1" x 2-1/2" Custom Shaped Clear West Cedar	.....	11.51	1.20
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.93	
06 46 36 00-0143	LF	1" x 3-1/2" Custom Shaped Clear West Cedar	.....	14.11	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.96	
06 46 36 00-0144	LF	1" x 4-1/2" Custom Shaped Clear West Cedar	.....	16.73	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	0.99	
06 46 36 00-0145	LF	1" x 5-1/2" Custom Shaped Clear West Cedar	.....	19.45	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.04	
06 46 36 00-0146	LF	1" x 6-1/2" Custom Shaped Clear West Cedar	.....	22.18	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.10	

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 00-0147	LF	1-1/4" x 1-1/2" Custom Shaped Clear West Cedar	.....	11.77	1.20
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	.....	0.93	
06 46 36 00-0148	LF	1-1/4" x 2-1/2" Custom Shaped Clear West Cedar	.....	15.76	1.20
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	.....	0.96	
06 46 36 00-0149	LF	1-1/4" x 3-1/2" Custom Shaped Clear West Cedar	.....	19.75	1.30
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	.....	0.98	
06 46 36 00-0150	LF	1-1/4" x 4-1/2" Custom Shaped Clear West Cedar	.....	23.73	1.30
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	.....	1.01	
06 46 36 00-0151	LF	1-1/4" x 5-1/2" Custom Shaped Clear West Cedar	.....	27.85	1.41
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	.....	1.07	
06 46 36 00-0152	LF	1-1/4" x 6-1/2" Custom Shaped Clear West Cedar	.....	31.95	1.41
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	.....	1.12	
06 46 36 00-0153	LF	1-1/2" x 1-1/2" Custom Shaped Clear West Cedar	.....	12.10	1.20
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	.....	0.95	
06 46 36 00-0154	LF	1-1/2" x 2-1/2" Custom Shaped Clear West Cedar	.....	16.20	1.30
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	.....	0.98	
06 46 36 00-0155	LF	1-1/2" x 3-1/2" Custom Shaped Clear West Cedar	.....	20.30	1.30
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	.....	1.01	
06 46 36 00-0156	LF	1-1/2" x 4-1/2" Custom Shaped Clear West Cedar	.....	24.39	1.41
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	.....	1.04	
06 46 36 00-0157	LF	1-1/2" x 5-1/2" Custom Shaped Clear West Cedar	.....	28.51	1.41
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	.....	1.07	
06 46 36 00-0158	LF	1-1/2" x 6-1/2" Custom Shaped Clear West Cedar	.....	32.84	1.52
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	.....	1.15	
06 46 36 00-0159	LF	3-1/2" x 3-1/2" Custom Shaped Clear West Cedar	.....	40.02	1.41
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	.....	1.07	
06 46 36 00-0160	LF	3-1/2" x 4-1/2" Custom Shaped Clear West Cedar	.....	49.06	1.41
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	.....	1.12	
06 46 36 00-0161	LF	3-1/2" x 5-1/2" Custom Shaped Clear West Cedar	.....	58.01	1.52
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	.....	1.15	
06 46 36 00-0162	LF	3-1/2" x 6-1/2" Custom Shaped Clear West Cedar	.....	67.18	1.63
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	.....	1.22	
06 46 36 00-0163	LF	3-1/2" x 7-1/2" Custom Shaped Clear West Cedar	.....	76.13	1.63
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	.....	1.25	
06 46 36 00-0164	LF	3-1/2" x 8-1/2" Custom Shaped Clear West Cedar	.....	85.18	1.73
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	.....	1.30	
06 46 36 00-0165	LF	3-1/2" x 9-1/2" Custom Shaped Clear West Cedar	.....	94.11	1.73
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	.....	1.32	
06 46 36 00-0166	LF	3-1/2" x 10-1/2" Custom Shaped Clear West Cedar	.....	103.07	1.73
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	.....	1.35	
06 46 36 00-0167	LF	3-1/2" x 11-1/2" Custom Shaped Clear West Cedar	.....	112.24	1.84
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	.....	1.42	
06 46 36 00-0168		Cherry (06 46 36)			
06 46 36 00-0169	LF	3/4" x 1-1/2" Custom Shaped Cherry	.....	9.23	1.20
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	.....	0.88	
06 46 36 00-0170	LF	3/4" x 2-1/2" Custom Shaped Cherry	.....	12.06	1.20
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	.....	0.91	
06 46 36 00-0171	LF	3/4" x 3-1/2" Custom Shaped Cherry	.....	14.90	1.20
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	.....	0.94	
06 46 36 00-0172	LF	3/4" x 4-1/2" Custom Shaped Cherry	.....	17.72	1.30
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	.....	0.96	
06 46 36 00-0173	LF	3/4" x 5-1/2" Custom Shaped Cherry	.....	20.67	1.30
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	.....	1.02	
06 46 36 00-0174	LF	3/4" x 6-1/2" Custom Shaped Cherry	.....	23.62	1.41
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	.....	1.07	
06 46 36 00-0175	LF	3/4" x 7-1/2" Custom Shaped Cherry	.....	26.43	1.41
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	.....	1.10	
06 46 36 00-0176	LF	3/4" x 8-1/2" Custom Shaped Cherry	.....	29.29	1.41
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	.....	1.13	
06 46 36 00-0177	LF	3/4" x 9-1/2" Custom Shaped Cherry	.....	32.05	1.52
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	.....	1.15	
06 46 36 00-0178	LF	3/4" x 10-1/2" Custom Shaped Cherry	.....	35.03	1.52
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	.....	1.21	
06 46 36 00-0179	LF	3/4" x 11-1/2" Custom Shaped Cherry	.....	37.91	1.63
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	.....	1.25	
06 46 36 00-0180	LF	1" x 1-1/2" Custom Shaped Cherry	.....	11.11	1.20
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	.....	0.90	
06 46 36 00-0181	LF	1" x 2-1/2" Custom Shaped Cherry	.....	14.82	1.20
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	.....	0.93	
06 46 36 00-0182	LF	1" x 3-1/2" Custom Shaped Cherry	.....	18.53	1.30
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	.....	0.96	
06 46 36 00-0183	LF	1" x 4-1/2" Custom Shaped Cherry	.....	22.25	1.30
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	.....	0.99	
06 46 36 00-0184	LF	1" x 5-1/2" Custom Shaped Cherry	.....	26.08	1.41
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	.....	1.04	
06 46 36 00-0185	LF	1" x 6-1/2" Custom Shaped Cherry	.....	29.91	1.41
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	.....	1.10	
06 46 36 00-0186	LF	1" x 7-1/2" Custom Shaped Cherry	.....	33.61	1.41
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	.....	1.12	
06 46 36 00-0187	LF	1" x 8-1/2" Custom Shaped Cherry	.....	37.40	1.52
		<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	.....	1.16	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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>	41.00 1.17	1.52
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>	44.86 1.24	1.63
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>	48.62 1.27	1.63
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>	13.15 0.93	1.20
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>	17.86 0.96	1.20
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>	22.51 0.98	1.30
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>	27.21 1.01	1.30
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>	31.99 1.07	1.41
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>	36.82 1.12	1.41
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>	41.45 1.15	1.52
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>	46.18 1.18	1.52
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>	50.78 1.20	1.52
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>	55.63 1.26	1.63
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>	60.33 1.30	1.73
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>	16.96 0.95	1.20
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>	23.49 0.98	1.30
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>	30.02 1.01	1.30
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>	36.55 1.04	1.41
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>	43.09 1.07	1.41
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>	49.85 1.15	1.52
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>	56.36 1.17	1.52
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>	62.92 1.21	1.52
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>	69.39 1.22	1.63
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>	76.18 1.29	1.63
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>	82.65 1.32	1.73
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>	6.91 0.88	1.20
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>	8.58 0.91	1.20
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>	10.26 0.94	1.20
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>	11.92 0.96	1.30
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>	13.71 1.02	1.30
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>	15.50 1.07	1.41
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>	17.59 1.10	1.41
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>	19.35 1.13	1.41
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>	22.67 1.15	1.52
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>	24.70 1.21	1.52
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>	9.34 0.90	1.20
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>	12.11 0.93	1.20
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>	14.94 0.96	1.30
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>	17.78 0.99	1.30
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>	20.72 1.04	1.41

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 00-0229 LF 1" x 6-1/2" Custom Shaped Cypress..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	23.61 1.10	1.41
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>	26.43 1.12	1.41
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>	29.28 1.16	1.52
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>	32.05 1.17	1.52
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>	35.09 1.24	1.63
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>	37.85 1.27	1.63
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>	11.00 0.95	1.20
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>	14.54 0.98	1.30
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>	18.09 1.01	1.30
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>	21.63 1.04	1.41
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>	25.20 1.07	1.41
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>	28.97 1.15	1.52
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>	32.50 1.17	1.52
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>	36.08 1.21	1.52
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>	42.88 1.22	1.63
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>	46.79 1.29	1.63
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>	7.80 0.88	1.20
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>	9.91 0.91	1.20
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>	12.02 0.94	1.20
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>	14.13 0.96	1.30
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>	16.36 1.02	1.30
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>	18.59 1.07	1.41
06 46 36 00-0252 LF 3/4" x 7-1/2" Custom Shaped Fir..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	20.69 1.10	1.41
06 46 36 00-0253 LF 3/4" x 8-1/2" Custom Shaped Fir..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	22.83 1.13	1.41
06 46 36 00-0254 LF 3/4" x 9-1/2" Custom Shaped Fir..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	24.87 1.15	1.52
06 46 36 00-0255 LF 3/4" x 10-1/2" Custom Shaped Fir..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	27.13 1.21	1.63
06 46 36 00-0256 LF 1" x 1-1/2" Custom Shaped Fir..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	9.34 0.90	1.20
06 46 36 00-0257 LF 1" x 2-1/2" Custom Shaped Fir..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	12.11 0.93	1.20
06 46 36 00-0258 LF 1" x 3-1/2" Custom Shaped Fir..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	14.94 0.96	1.30
06 46 36 00-0259 LF 1" x 4-1/2" Custom Shaped Fir..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	17.78 0.99	1.30
06 46 36 00-0260 LF 1" x 5-1/2" Custom Shaped Fir..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	20.72 1.04	1.41
06 46 36 00-0261 LF 1" x 6-1/2" Custom Shaped Fir..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	23.61 1.10	1.41
06 46 36 00-0262 LF 1" x 7-1/2" Custom Shaped Fir..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	26.43 1.12	1.41
06 46 36 00-0263 LF 1" x 8-1/2" Custom Shaped Fir..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	29.28 1.16	1.52
06 46 36 00-0264 LF 1" x 9-1/2" Custom Shaped Fir..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	32.05 1.17	1.52
06 46 36 00-0265 LF 1" x 10-1/2" Custom Shaped Fir..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	35.09 1.24	1.63
06 46 36 00-0266 LF 1" x 11-1/2" Custom Shaped Fir..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	37.85 1.27	1.63
06 46 36 00-0267 LF 1-1/4" x 1-1/2" Custom Shaped Fir..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	10.50 0.93	1.20
06 46 36 00-0268 LF 1-1/4" x 2-1/2" Custom Shaped Fir..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	13.88 0.96	1.20
06 46 36 00-0269 LF 1-1/4" x 3-1/2" Custom Shaped Fir..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	17.20 0.98	1.30



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0270	LF	1-1/4" x 4-1/2" Custom Shaped Fir For Curved Surfaces With A 2'-0" Maximum Radius, Add	20.58 1.07	1.30
06 46 36 00-0271	LF	1-1/4" x 5-1/2" Custom Shaped Fir For Curved Surfaces With A 2'-0" Maximum Radius, Add	24.04 1.07	1.41
06 46 36 00-0272	LF	1-1/4" x 6-1/2" Custom Shaped Fir For Curved Surfaces With A 2'-0" Maximum Radius, Add	27.54 1.12	1.41
06 46 36 00-0273	LF	1-1/4" x 7-1/2" Custom Shaped Fir For Curved Surfaces With A 2'-0" Maximum Radius, Add	30.85 1.15	1.52
06 46 36 00-0274	LF	1-1/4" x 8-1/2" Custom Shaped Fir For Curved Surfaces With A 2'-0" Maximum Radius, Add	34.25 1.18	1.52
06 46 36 00-0275	LF	1-1/4" x 9-1/2" Custom Shaped Fir For Curved Surfaces With A 2'-0" Maximum Radius, Add	37.52 1.20	1.52
06 46 36 00-0276	LF	1-1/4" x 10-1/2" Custom Shaped Fir For Curved Surfaces With A 2'-0" Maximum Radius, Add	41.05 1.26	1.63
06 46 36 00-0277	LF	1-1/4" x 11-1/2" Custom Shaped Fir For Curved Surfaces With A 2'-0" Maximum Radius, Add	44.42 1.30	1.73
06 46 36 00-0278	LF	1-1/2" x 1-1/2" Custom Shaped Fir For Curved Surfaces With A 2'-0" Maximum Radius, Add	12.10 0.95	1.20
06 46 36 00-0279	LF	1-1/2" x 2-1/2" Custom Shaped Fir For Curved Surfaces With A 2'-0" Maximum Radius, Add	16.20 0.98	1.30
06 46 36 00-0280	LF	1-1/2" x 3-1/2" Custom Shaped Fir For Curved Surfaces With A 2'-0" Maximum Radius, Add	20.30 1.01	1.30
06 46 36 00-0281	LF	1-1/2" x 4-1/2" Custom Shaped Fir For Curved Surfaces With A 2'-0" Maximum Radius, Add	24.39 1.04	1.41
06 46 36 00-0282	LF	1-1/2" x 5-1/2" Custom Shaped Fir For Curved Surfaces With A 2'-0" Maximum Radius, Add	28.51 1.07	1.41
06 46 36 00-0283	LF	1-1/2" x 6-1/2" Custom Shaped Fir For Curved Surfaces With A 2'-0" Maximum Radius, Add	32.84 1.15	1.52
06 46 36 00-0284	LF	1-1/2" x 7-1/2" Custom Shaped Fir For Curved Surfaces With A 2'-0" Maximum Radius, Add	36.92 1.17	1.52
06 46 36 00-0285	LF	1-1/2" x 8-1/2" Custom Shaped Fir For Curved Surfaces With A 2'-0" Maximum Radius, Add	41.05 1.21	1.63
06 46 36 00-0286	LF	1-1/2" x 9-1/2" Custom Shaped Fir For Curved Surfaces With A 2'-0" Maximum Radius, Add	45.09 1.22	1.63
06 46 36 00-0287	LF	1-1/2" x 10-1/2" Custom Shaped Fir For Curved Surfaces With A 2'-0" Maximum Radius, Add	49.34 1.29	1.73
06 46 36 00-0288	LF	1-1/2" x 11-1/2" Custom Shaped Fir For Curved Surfaces With A 2'-0" Maximum Radius, Add	53.48 1.32	1.73
06 46 36 00-0289	LF	2-1/2" x 1-1/2" Custom Shaped Fir For Curved Surfaces With A 2'-0" Maximum Radius, Add	20.25 1.00	1.30
06 46 36 00-0290	LF	2-1/2" x 2-1/2" Custom Shaped Fir For Curved Surfaces With A 2'-0" Maximum Radius, Add	28.31 1.02	1.30
06 46 36 00-0291	LF	2-1/2" x 3-1/2" Custom Shaped Fir For Curved Surfaces With A 2'-0" Maximum Radius, Add	36.38 1.05	1.41
06 46 36 00-0292	LF	2-1/2" x 4-1/2" Custom Shaped Fir For Curved Surfaces With A 2'-0" Maximum Radius, Add	44.54 1.10	1.41
06 46 36 00-0293	LF	2-1/2" x 5-1/2" Custom Shaped Fir For Curved Surfaces With A 2'-0" Maximum Radius, Add	52.60 1.12	1.41
06 46 36 00-0294	LF	2-1/2" x 6-1/2" Custom Shaped Fir For Curved Surfaces With A 2'-0" Maximum Radius, Add	60.88 1.20	1.52
06 46 36 00-0295	LF	2-1/2" x 7-1/2" Custom Shaped Fir For Curved Surfaces With A 2'-0" Maximum Radius, Add	68.95 1.22	1.63
06 46 36 00-0296	LF	2-1/2" x 8-1/2" Custom Shaped Fir For Curved Surfaces With A 2'-0" Maximum Radius, Add	77.22 1.27	1.63
06 46 36 00-0297	LF	2-1/2" x 9-1/2" Custom Shaped Fir For Curved Surfaces With A 2'-0" Maximum Radius, Add	85.18 1.30	1.73
06 46 36 00-0298	LF	2-1/2" x 10-1/2" Custom Shaped Fir For Curved Surfaces With A 2'-0" Maximum Radius, Add	93.24 1.32	1.73
06 46 36 00-0299	LF	3-1/2" x 3-1/2" Custom Shaped Fir For Curved Surfaces With A 2'-0" Maximum Radius, Add	45.43 1.07	1.41
06 46 36 00-0300	LF	3-1/2" x 4-1/2" Custom Shaped Fir For Curved Surfaces With A 2'-0" Maximum Radius, Add	55.69 1.12	1.41
06 46 36 00-0301	LF	3-1/2" x 5-1/2" Custom Shaped Fir For Curved Surfaces With A 2'-0" Maximum Radius, Add	65.97 1.15	1.52
06 46 36 00-0302	LF	3-1/2" x 6-1/2" Custom Shaped Fir For Curved Surfaces With A 2'-0" Maximum Radius, Add	76.46 1.22	1.63
06 46 36 00-0303	LF	3-1/2" x 7-1/2" Custom Shaped Fir For Curved Surfaces With A 2'-0" Maximum Radius, Add	86.73 1.25	1.63
06 46 36 00-0304	LF	3-1/2" x 8-1/2" Custom Shaped Fir For Curved Surfaces With A 2'-0" Maximum Radius, Add	97.11 1.30	1.73
06 46 36 00-0305	LF	3-1/2" x 9-1/2" Custom Shaped Fir For Curved Surfaces With A 2'-0" Maximum Radius, Add	107.37 1.32	1.73
06 46 36 00-0306	LF	3-1/2" x 10-1/2" Custom Shaped Fir For Curved Surfaces With A 2'-0" Maximum Radius, Add	117.65 1.35	1.73
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 For Curved Surfaces With A 2'-0" Maximum Radius, Add	9.90 0.88	1.20
06 46 36 00-0309	LF	3/4" x 2-1/2" Custom Shaped Honduras Mahogany For Curved Surfaces With A 2'-0" Maximum Radius, Add	13.05 0.91	1.20
06 46 36 00-0310	LF	3/4" x 3-1/2" Custom Shaped Honduras Mahogany For Curved Surfaces With A 2'-0" Maximum Radius, Add	16.22 0.94	1.20

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 00-0311	LF	3/4" x 4-1/2" Custom Shaped Honduras Mahogany.....	19.38	1.30	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.96		
06 46 36 00-0312	LF	3/4" x 5-1/2" Custom Shaped Honduras Mahogany.....	22.66	1.30	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.02		
06 46 36 00-0313	LF	3/4" x 6-1/2" Custom Shaped Honduras Mahogany.....	25.94	1.41	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.07		
06 46 36 00-0314	LF	3/4" x 7-1/2" Custom Shaped Honduras Mahogany.....	29.08	1.41	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.10		
06 46 36 00-0315	LF	3/4" x 8-1/2" Custom Shaped Honduras Mahogany.....	32.27	1.52	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.13		
06 46 36 00-0316	LF	3/4" x 9-1/2" Custom Shaped Honduras Mahogany.....	35.37	1.52	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.15		
06 46 36 00-0317	LF	3/4" x 10-1/2" Custom Shaped Honduras Mahogany.....	38.68	1.63	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.21		
06 46 36 00-0318	LF	3/4" x 11-1/2" Custom Shaped Honduras Mahogany.....	41.88	1.63	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.25		
06 46 36 00-0319	LF	1" x 1-1/2" Custom Shaped Honduras Mahogany.....	12.10	1.20	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.90		
06 46 36 00-0320	LF	1" x 2-1/2" Custom Shaped Honduras Mahogany.....	16.26	1.20	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.93		
06 46 36 00-0321	LF	1" x 3-1/2" Custom Shaped Honduras Mahogany.....	20.46	1.30	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.96		
06 46 36 00-0322	LF	1" x 4-1/2" Custom Shaped Honduras Mahogany.....	24.68	1.30	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.99		
06 46 36 00-0323	LF	1" x 5-1/2" Custom Shaped Honduras Mahogany.....	29.01	1.41	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.04		
06 46 36 00-0324	LF	1" x 6-1/2" Custom Shaped Honduras Mahogany.....	33.28	1.41	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.10		
06 46 36 00-0325	LF	1" x 7-1/2" Custom Shaped Honduras Mahogany.....	37.48	1.52	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.12		
06 46 36 00-0326	LF	1" x 8-1/2" Custom Shaped Honduras Mahogany.....	41.71	1.52	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.16		
06 46 36 00-0327	LF	1" x 9-1/2" Custom Shaped Honduras Mahogany.....	45.86	1.52	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.17		
06 46 36 00-0328	LF	1" x 10-1/2" Custom Shaped Honduras Mahogany.....	50.17	1.63	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.24		
06 46 36 00-0329	LF	1" x 11-1/2" Custom Shaped Honduras Mahogany.....	54.97	1.63	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.27		
06 46 36 00-0330	LF	1-1/4" x 1-1/2" Custom Shaped Honduras Mahogany.....	13.82	1.20	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.93		
06 46 36 00-0331	LF	1-1/4" x 2-1/2" Custom Shaped Honduras Mahogany.....	18.85	1.20	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.96		
06 46 36 00-0332	LF	1-1/4" x 3-1/2" Custom Shaped Honduras Mahogany.....	23.83	1.30	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.98		
06 46 36 00-0333	LF	1-1/4" x 4-1/2" Custom Shaped Honduras Mahogany.....	28.87	1.30	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.01		
06 46 36 00-0334	LF	1-1/4" x 5-1/2" Custom Shaped Honduras Mahogany.....	33.98	1.41	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.07		
06 46 36 00-0335	LF	1-1/4" x 6-1/2" Custom Shaped Honduras Mahogany.....	39.14	1.52	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.12		
06 46 36 00-0336	LF	1-1/4" x 7-1/2" Custom Shaped Honduras Mahogany.....	44.11	1.52	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.15		
06 46 36 00-0337	LF	1-1/4" x 8-1/2" Custom Shaped Honduras Mahogany.....	49.16	1.52	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.18		
06 46 36 00-0338	LF	1-1/4" x 9-1/2" Custom Shaped Honduras Mahogany.....	52.99	1.52	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.20		
06 46 36 00-0339	LF	1-1/4" x 10-1/2" Custom Shaped Honduras Mahogany.....	59.28	1.63	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.26		
06 46 36 00-0340	LF	1-1/4" x 11-1/2" Custom Shaped Honduras Mahogany.....	64.31	1.73	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.30		
06 46 36 00-0341	LF	1-1/2" x 1-1/2" Custom Shaped Honduras Mahogany.....	17.19	1.20	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.95		
06 46 36 00-0342	LF	1-1/2" x 2-1/2" Custom Shaped Honduras Mahogany.....	23.82	1.30	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.98		
06 46 36 00-0343	LF	1-1/2" x 3-1/2" Custom Shaped Honduras Mahogany.....	30.46	1.30	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.01		
06 46 36 00-0344	LF	1-1/2" x 4-1/2" Custom Shaped Honduras Mahogany.....	37.10	1.30	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.04		
06 46 36 00-0345	LF	1-1/2" x 5-1/2" Custom Shaped Honduras Mahogany.....	43.76	1.41	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.07		
06 46 36 00-0346	LF	1-1/2" x 6-1/2" Custom Shaped Honduras Mahogany.....	50.62	1.52	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.15		
06 46 36 00-0347	LF	1-1/2" x 7-1/2" Custom Shaped Honduras Mahogany.....	57.24	1.52	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.17		
06 46 36 00-0348	LF	1-1/2" x 8-1/2" Custom Shaped Honduras Mahogany.....	63.92	1.63	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.21		
06 46 36 00-0349	LF	1-1/2" x 9-1/2" Custom Shaped Honduras Mahogany.....	70.50	1.63	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.22		
06 46 36 00-0350	LF	1-1/2" x 10-1/2" Custom Shaped Honduras Mahogany.....	77.28	1.63	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.29		
06 46 36 00-0351	LF	1-1/2" x 11-1/2" Custom Shaped Honduras Mahogany.....	84.08	1.73	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	1.32		
06 46 36 00-0352	LF	2" x 1-1/2" Custom Shaped Honduras Mahogany.....	20.52	1.30	
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.97		



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0353	LF	2" x 2-1/2" Custom Shaped Honduras Mahogany	.....	28.81	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.00	
06 46 36 00-0354	LF	2" x 3-1/2" Custom Shaped Honduras Mahogany	.....	37.04	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.02	
06 46 36 00-0355	LF	2" x 4-1/2" Custom Shaped Honduras Mahogany	.....	45.42	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.07	
06 46 36 00-0356	LF	2" x 5-1/2" Custom Shaped Honduras Mahogany	.....	53.65	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.10	
06 46 36 00-0357	LF	2" x 6-1/2" Custom Shaped Honduras Mahogany	.....	62.15	1.52
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.17	
06 46 36 00-0358	LF	2" x 7-1/2" Custom Shaped Honduras Mahogany	.....	70.38	1.52
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.20	
06 46 36 00-0359	LF	2" x 8-1/2" Custom Shaped Honduras Mahogany	.....	78.77	1.63
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.25	
06 46 36 00-0360	LF	2" x 9-1/2" Custom Shaped Honduras Mahogany	.....	87.00	1.63
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.27	
06 46 36 00-0361	LF	2" x 10-1/2" Custom Shaped Honduras Mahogany	.....	95.29	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.30	
06 46 36 00-0362	LF	2" x 11-1/2" Custom Shaped Honduras Mahogany	.....	103.73	1.84
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.37	
06 46 36 00-0363	LF	2-1/2" x 1-1/2" Custom Shaped Honduras Mahogany	.....	25.33	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.00	
06 46 36 00-0364	LF	2-1/2" x 2-1/2" Custom Shaped Honduras Mahogany	.....	34.28	1.30
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.02	
06 46 36 00-0365	LF	2-1/2" x 3-1/2" Custom Shaped Honduras Mahogany	.....	44.33	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.05	
06 46 36 00-0366	LF	2-1/2" x 4-1/2" Custom Shaped Honduras Mahogany	.....	54.48	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.10	
06 46 36 00-0367	LF	2-1/2" x 5-1/2" Custom Shaped Honduras Mahogany	.....	64.53	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.12	
06 46 36 00-0368	LF	2-1/2" x 6-1/2" Custom Shaped Honduras Mahogany	.....	74.80	1.52
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.20	
06 46 36 00-0369	LF	2-1/2" x 7-1/2" Custom Shaped Honduras Mahogany	.....	84.86	1.63
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.22	
06 46 36 00-0370	LF	2-1/2" x 8-1/2" Custom Shaped Honduras Mahogany	.....	95.01	1.63
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.27	
06 46 36 00-0371	LF	2-1/2" x 9-1/2" Custom Shaped Honduras Mahogany	.....	105.06	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.30	
06 46 36 00-0372	LF	2-1/2" x 10-1/2" Custom Shaped Honduras Mahogany	.....	115.11	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.32	
06 46 36 00-0373	LF	2-1/2" x 11-1/2" Custom Shaped Honduras Mahogany	.....	125.39	1.84
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.40	
06 46 36 00-0374	LF	3-1/2" x 3-1/2" Custom Shaped Honduras Mahogany	.....	60.35	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.07	
06 46 36 00-0375	LF	3-1/2" x 4-1/2" Custom Shaped Honduras Mahogany	.....	74.47	1.41
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.12	
06 46 36 00-0376	LF	3-1/2" x 5-1/2" Custom Shaped Honduras Mahogany	.....	88.50	1.52
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.15	
06 46 36 00-0377	LF	3-1/2" x 6-1/2" Custom Shaped Honduras Mahogany	.....	102.75	1.63
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.22	
06 46 36 00-0378	LF	3-1/2" x 7-1/2" Custom Shaped Honduras Mahogany	.....	116.78	1.63
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.25	
06 46 36 00-0379	LF	3-1/2" x 8-1/2" Custom Shaped Honduras Mahogany	.....	130.91	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.30	
06 46 36 00-0380	LF	3-1/2" x 9-1/2" Custom Shaped Honduras Mahogany	.....	144.93	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.32	
06 46 36 00-0381	LF	3-1/2" x 10-1/2" Custom Shaped Honduras Mahogany	.....	158.97	1.73
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.35	
06 46 36 00-0382	LF	3-1/2" x 11-1/2" Custom Shaped Honduras Mahogany	.....	173.22	1.84
		For Curved Surfaces With A 2'-0" Maximum Radius, Add	.....	1.42	
06 46 36 00-0383		Maple (06 46 36)			
06 46 36 00-0384	LF	3/4" x 1-1/2" Custom Shaped Maple	.....	7.36	1.20
06 46 36 00-0385	LF	3/4" x 2-1/2" Custom Shaped Maple	.....	9.24	1.20
06 46 36 00-0386	LF	3/4" x 3-1/2" Custom Shaped Maple	.....	11.14	1.20
06 46 36 00-0387	LF	3/4" x 4-1/2" Custom Shaped Maple	.....	13.03	1.30
06 46 36 00-0388	LF	3/4" x 5-1/2" Custom Shaped Maple	.....	15.03	1.30
06 46 36 00-0389	LF	3/4" x 6-1/2" Custom Shaped Maple	.....	17.04	1.41
06 46 36 00-0390	LF	3/4" x 7-1/2" Custom Shaped Maple	.....	18.92	1.41
06 46 36 00-0391	LF	3/4" x 8-1/2" Custom Shaped Maple	.....	20.84	1.41
06 46 36 00-0392	LF	3/4" x 9-1/2" Custom Shaped Maple	.....	22.67	1.52
06 46 36 00-0393	LF	3/4" x 10-1/2" Custom Shaped Maple	.....	24.70	1.63
06 46 36 00-0394	LF	3/4" x 11-1/2" Custom Shaped Maple	.....	26.64	1.63
06 46 36 00-0395	LF	1" x 1-1/2" Custom Shaped Maple	.....	8.79	1.20
06 46 36 00-0396	LF	1" x 2-1/2" Custom Shaped Maple	.....	11.29	1.20
06 46 36 00-0397	LF	1" x 3-1/2" Custom Shaped Maple	.....	13.84	1.30
06 46 36 00-0398	LF	1" x 4-1/2" Custom Shaped Maple	.....	16.40	1.30
06 46 36 00-0399	LF	1" x 5-1/2" Custom Shaped Maple	.....	19.07	1.41
06 46 36 00-0400	LF	1" x 6-1/2" Custom Shaped Maple	.....	21.68	1.41
06 46 36 00-0401	LF	1" x 7-1/2" Custom Shaped Maple	.....	24.22	1.41
06 46 36 00-0402	LF	1" x 8-1/2" Custom Shaped Maple	.....	26.79	1.52
06 46 36 00-0403	LF	1" x 9-1/2" Custom Shaped Maple	.....	29.29	1.52

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 00-0404	LF	1" x 10-1/2" Custom Shaped Maple.....	30.83	1.63
06 46 36 00-0405	LF	1" x 11-1/2" Custom Shaped Maple.....	34.54	1.63
06 46 36 00-0406	LF	1-1/4" x 1-1/2" Custom Shaped Maple.....	10.01	1.20
06 46 36 00-0407	LF	1-1/4" x 2-1/2" Custom Shaped Maple.....	13.11	1.20
06 46 36 00-0408	LF	1-1/4" x 3-1/2" Custom Shaped Maple.....	16.21	1.30
06 46 36 00-0409	LF	1-1/4" x 4-1/2" Custom Shaped Maple.....	19.31	1.30
06 46 36 00-0410	LF	1-1/4" x 5-1/2" Custom Shaped Maple.....	22.55	1.41
06 46 36 00-0411	LF	1-1/4" x 6-1/2" Custom Shaped Maple.....	25.77	1.41
06 46 36 00-0412	LF	1-1/4" x 7-1/2" Custom Shaped Maple.....	28.86	1.52
06 46 36 00-0413	LF	1-1/4" x 8-1/2" Custom Shaped Maple.....	31.98	1.52
06 46 36 00-0414	LF	1-1/4" x 9-1/2" Custom Shaped Maple.....	35.04	1.52
06 46 36 00-0415	LF	1-1/4" x 10-1/2" Custom Shaped Maple.....	38.29	1.63
06 46 36 00-0416	LF	1-1/4" x 11-1/2" Custom Shaped Maple.....	41.44	1.73
06 46 36 00-0417	LF	1-1/2" x 1-1/2" Custom Shaped Maple.....	12.55	1.20
06 46 36 00-0418	LF	1-1/2" x 2-1/2" Custom Shaped Maple.....	16.66	1.30
06 46 36 00-0419	LF	1-1/2" x 3-1/2" Custom Shaped Maple.....	21.18	1.30
06 46 36 00-0420	LF	1-1/2" x 4-1/2" Custom Shaped Maple.....	25.50	1.41
06 46 36 00-0421	LF	1-1/2" x 5-1/2" Custom Shaped Maple.....	29.84	1.41
06 46 36 00-0422	LF	1-1/2" x 6-1/2" Custom Shaped Maple.....	34.38	1.52
06 46 36 00-0423	LF	1-1/2" x 7-1/2" Custom Shaped Maple.....	38.68	1.52
06 46 36 00-0424	LF	1-1/2" x 8-1/2" Custom Shaped Maple.....	43.59	1.63
06 46 36 00-0425	LF	1-1/2" x 9-1/2" Custom Shaped Maple.....	47.30	1.63
06 46 36 00-0426	LF	1-1/2" x 10-1/2" Custom Shaped Maple.....	51.88	1.73
06 46 36 00-0427	LF	1-1/2" x 11-1/2" Custom Shaped Maple.....	56.13	1.73
06 46 36 00-0428	LF	2" x 1-1/2" Custom Shaped Maple.....	16.66	1.30
06 46 36 00-0429	LF	2" x 2-1/2" Custom Shaped Maple.....	23.01	1.30
06 46 36 00-0430	LF	2" x 3-1/2" Custom Shaped Maple.....	29.31	1.30
06 46 36 00-0431	LF	2" x 4-1/2" Custom Shaped Maple.....	35.76	1.41
06 46 36 00-0432	LF	2" x 5-1/2" Custom Shaped Maple.....	42.05	1.41
06 46 36 00-0433	LF	2" x 6-1/2" Custom Shaped Maple.....	48.61	1.52
06 46 36 00-0434	LF	2" x 7-1/2" Custom Shaped Maple.....	54.91	1.52
06 46 36 00-0435	LF	2" x 8-1/2" Custom Shaped Maple.....	61.37	1.63
06 46 36 00-0436	LF	2" x 9-1/2" Custom Shaped Maple.....	67.67	1.63
06 46 36 00-0437	LF	2" x 10-1/2" Custom Shaped Maple.....	74.02	1.73
06 46 36 00-0438	LF	2" x 11-1/2" Custom Shaped Maple.....	81.09	1.84
06 46 36 00-0439	LF	3-1/2" x 3-1/2" Custom Shaped Maple.....	64.76	1.41
06 46 36 00-0440	LF	3-1/2" x 4-1/2" Custom Shaped Maple.....	79.99	1.41
06 46 36 00-0441	LF	3-1/2" x 5-1/2" Custom Shaped Maple.....	95.13	1.52
06 46 36 00-0442	LF	3-1/2" x 6-1/2" Custom Shaped Maple.....	110.49	1.63
06 46 36 00-0443	LF	3-1/2" x 7-1/2" Custom Shaped Maple.....	125.62	1.63
06 46 36 00-0444	LF	3-1/2" x 8-1/2" Custom Shaped Maple.....	140.85	1.73
06 46 36 00-0445	LF	3-1/2" x 9-1/2" Custom Shaped Maple.....	155.98	1.73
06 46 36 00-0446	LF	3-1/2" x 10-1/2" Custom Shaped Maple.....	171.12	1.73
06 46 36 00-0447	LF	3-1/2" x 11-1/2" Custom Shaped Maple.....	186.47	1.84

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.....	7.47	1.20
06 46 36 00-0450	LF	3/4" x 2-1/2" Custom Shaped Appl Soft Maple.....	9.41	1.20
06 46 36 00-0451	LF	3/4" x 3-1/2" Custom Shaped Appl Soft Maple.....	11.36	1.20
06 46 36 00-0452	LF	3/4" x 4-1/2" Custom Shaped Appl Soft Maple.....	13.30	1.30
06 46 36 00-0453	LF	3/4" x 5-1/2" Custom Shaped Appl Soft Maple.....	15.37	1.30
06 46 36 00-0454	LF	3/4" x 6-1/2" Custom Shaped Appl Soft Maple.....	17.43	1.41
06 46 36 00-0455	LF	3/4" x 7-1/2" Custom Shaped Appl Soft Maple.....	19.36	1.41
06 46 36 00-0456	LF	3/4" x 8-1/2" Custom Shaped Appl Soft Maple.....	21.33	1.41
06 46 36 00-0457	LF	3/4" x 9-1/2" Custom Shaped Appl Soft Maple.....	23.22	1.52
06 46 36 00-0458	LF	3/4" x 10-1/2" Custom Shaped Appl Soft Maple.....	25.31	1.63
06 46 36 00-0459	LF	3/4" x 11-1/2" Custom Shaped Appl Soft Maple.....	27.30	1.63
06 46 36 00-0460	LF	1" x 1-1/2" Custom Shaped Appl Soft Maple.....	8.51	1.20
06 46 36 00-0461	LF	1" x 2-1/2" Custom Shaped Appl Soft Maple.....	10.90	1.20
06 46 36 00-0462	LF	1" x 3-1/2" Custom Shaped Appl Soft Maple.....	13.28	1.30
06 46 36 00-0463	LF	1" x 4-1/2" Custom Shaped Appl Soft Maple.....	15.62	1.30
06 46 36 00-0464	LF	1" x 5-1/2" Custom Shaped Appl Soft Maple.....	18.24	1.41
06 46 36 00-0465	LF	1" x 6-1/2" Custom Shaped Appl Soft Maple.....	20.74	1.41
06 46 36 00-0466	LF	1" x 7-1/2" Custom Shaped Appl Soft Maple.....	23.12	1.41
06 46 36 00-0467	LF	1" x 8-1/2" Custom Shaped Appl Soft Maple.....	25.52	1.52
06 46 36 00-0468	LF	1" x 9-1/2" Custom Shaped Appl Soft Maple.....	27.91	1.52
06 46 36 00-0469	LF	1" x 10-1/2" Custom Shaped Appl Soft Maple.....	30.45	1.63
06 46 36 00-0470	LF	1" x 11-1/2" Custom Shaped Appl Soft Maple.....	32.88	1.63
06 46 36 00-0471	LF	1-1/4" x 1-1/2" Custom Shaped Appl Soft Maple.....	9.51	1.20
06 46 36 00-0472	LF	1-1/4" x 2-1/2" Custom Shaped Appl Soft Maple.....	12.39	1.20
06 46 36 00-0473	LF	1-1/4" x 3-1/2" Custom Shaped Appl Soft Maple.....	15.22	1.30
06 46 36 00-0474	LF	1-1/4" x 4-1/2" Custom Shaped Appl Soft Maple.....	18.10	1.30
06 46 36 00-0475	LF	1-1/4" x 5-1/2" Custom Shaped Appl Soft Maple.....	21.05	1.41
06 46 36 00-0476	LF	1-1/4" x 6-1/2" Custom Shaped Appl Soft Maple.....	24.06	1.41
06 46 36 00-0477	LF	1-1/4" x 7-1/2" Custom Shaped Appl Soft Maple.....	26.87	1.52
06 46 36 00-0478	LF	1-1/4" x 8-1/2" Custom Shaped Appl Soft Maple.....	29.77	1.52
06 46 36 00-0479	LF	1-1/4" x 9-1/2" Custom Shaped Appl Soft Maple.....	32.55	1.52
06 46 36 00-0480	LF	1-1/4" x 10-1/2" Custom Shaped Appl Soft Maple.....	35.58	1.63
06 46 36 00-0481	LF	1-1/4" x 11-1/2" Custom Shaped Appl Soft Maple.....	38.46	1.73
06 46 36 00-0482	LF	1-1/2" x 1-1/2" Custom Shaped Appl Soft Maple.....	11.44	1.20



MINOR			TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST	UNIT COST
06 46 36 00-0483	LF	1-1/2" x 2-1/2" Custom Shaped Appl Soft Maple	15.21		1.30	
06 46 36 00-0484	LF	1-1/2" x 3-1/2" Custom Shaped Appl Soft Maple	18.97		1.30	
06 46 36 00-0485	LF	1-1/2" x 4-1/2" Custom Shaped Appl Soft Maple	22.74		1.41	
06 46 36 00-0486	LF	1-1/2" x 5-1/2" Custom Shaped Appl Soft Maple	26.52		1.41	
06 46 36 00-0487	LF	1-1/2" x 6-1/2" Custom Shaped Appl Soft Maple	30.52		1.52	
06 46 36 00-0488	LF	1-1/2" x 7-1/2" Custom Shaped Appl Soft Maple	34.26		1.52	
06 46 36 00-0489	LF	1-1/2" x 8-1/2" Custom Shaped Appl Soft Maple	38.07		1.63	
06 46 36 00-0490	LF	1-1/2" x 9-1/2" Custom Shaped Appl Soft Maple	41.77		1.63	
06 46 36 00-0491	LF	1-1/2" x 10-1/2" Custom Shaped Appl Soft Maple	45.69		1.73	
06 46 36 00-0492	LF	1-1/2" x 11-1/2" Custom Shaped Appl Soft Maple	49.51		1.73	
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	8.02		1.20	
06 46 36 00-0495	LF	3/4" x 2-1/2" Custom Shaped Red Oak	10.24		1.20	
06 46 36 00-0496	LF	3/4" x 3-1/2" Custom Shaped Red Oak	12.47		1.20	
06 46 36 00-0497	LF	3/4" x 4-1/2" Custom Shaped Red Oak	14.68		1.30	
06 46 36 00-0498	LF	3/4" x 5-1/2" Custom Shaped Red Oak	17.02		1.30	
06 46 36 00-0499	LF	3/4" x 6-1/2" Custom Shaped Red Oak	19.36		1.41	
06 46 36 00-0500	LF	3/4" x 7-1/2" Custom Shaped Red Oak	21.57		1.41	
06 46 36 00-0501	LF	3/4" x 8-1/2" Custom Shaped Red Oak	23.82		1.41	
06 46 36 00-0502	LF	3/4" x 9-1/2" Custom Shaped Red Oak	25.98		1.52	
06 46 36 00-0503	LF	3/4" x 10-1/2" Custom Shaped Red Oak	28.35		1.63	
06 46 36 00-0504	LF	3/4" x 11-1/2" Custom Shaped Red Oak	30.62		1.63	
06 46 36 00-0505	LF	1" x 1-1/2" Custom Shaped Red Oak	9.73		1.20	
06 46 36 00-0506	LF	1" x 2-1/2" Custom Shaped Red Oak	12.78		1.20	
06 46 36 00-0507	LF	1" x 3-1/2" Custom Shaped Red Oak	15.77		1.30	
06 46 36 00-0508	LF	1" x 4-1/2" Custom Shaped Red Oak	19.93		1.30	
06 46 36 00-0509	LF	1" x 5-1/2" Custom Shaped Red Oak	21.94		1.41	
06 46 36 00-0510	LF	1" x 6-1/2" Custom Shaped Red Oak	25.11		1.41	
06 46 36 00-0511	LF	1" x 7-1/2" Custom Shaped Red Oak	28.09		1.41	
06 46 36 00-0512	LF	1" x 8-1/2" Custom Shaped Red Oak	31.10		1.52	
06 46 36 00-0513	LF	1" x 9-1/2" Custom Shaped Red Oak	34.10		1.52	
06 46 36 00-0514	LF	1" x 10-1/2" Custom Shaped Red Oak	37.30		1.63	
06 46 36 00-0515	LF	1" x 11-1/2" Custom Shaped Red Oak	40.34		1.63	
06 46 36 00-0516	LF	1-1/4" x 1-1/2" Custom Shaped Red Oak	12.16		1.20	
06 46 36 00-0517	LF	1-1/4" x 2-1/2" Custom Shaped Red Oak	16.37		1.20	
06 46 36 00-0518	LF	1-1/4" x 3-1/2" Custom Shaped Red Oak	20.52		1.30	
06 46 36 00-0519	LF	1-1/4" x 4-1/2" Custom Shaped Red Oak	24.73		1.30	
06 46 36 00-0520	LF	1-1/4" x 5-1/2" Custom Shaped Red Oak	29.01		1.41	
06 46 36 00-0521	LF	1-1/4" x 6-1/2" Custom Shaped Red Oak	33.34		1.41	
06 46 36 00-0522	LF	1-1/4" x 7-1/2" Custom Shaped Red Oak	37.48		1.52	
06 46 36 00-0523	LF	1-1/4" x 8-1/2" Custom Shaped Red Oak	41.71		1.52	
06 46 36 00-0524	LF	1-1/4" x 9-1/2" Custom Shaped Red Oak	45.81		1.52	
06 46 36 00-0525	LF	1-1/4" x 10-1/2" Custom Shaped Red Oak	50.16		1.63	
06 46 36 00-0526	LF	1-1/4" x 11-1/2" Custom Shaped Red Oak	54.37		1.73	
06 46 36 00-0527	LF	1-1/2" x 1-1/2" Custom Shaped Red Oak	17.19		1.20	
06 46 36 00-0528	LF	1-1/2" x 2-1/2" Custom Shaped Red Oak	23.82		1.30	
06 46 36 00-0529	LF	1-1/2" x 3-1/2" Custom Shaped Red Oak	30.46		1.30	
06 46 36 00-0530	LF	1-1/2" x 4-1/2" Custom Shaped Red Oak	37.10		1.30	
06 46 36 00-0531	LF	1-1/2" x 5-1/2" Custom Shaped Red Oak	43.76		1.41	
06 46 36 00-0532	LF	1-1/2" x 6-1/2" Custom Shaped Red Oak	50.73		1.52	
06 46 36 00-0533	LF	1-1/2" x 7-1/2" Custom Shaped Red Oak	57.24		1.52	
06 46 36 00-0534	LF	1-1/2" x 8-1/2" Custom Shaped Red Oak	65.02		1.63	
06 46 36 00-0535	LF	1-1/2" x 9-1/2" Custom Shaped Red Oak	70.50		1.63	
06 46 36 00-0536	LF	1-1/2" x 10-1/2" Custom Shaped Red Oak	77.28		1.63	
06 46 36 00-0537	LF	1-1/2" x 11-1/2" Custom Shaped Red Oak	83.97		1.73	
06 46 36 00-0538	LF	2" x 1-1/2" Custom Shaped Red Oak	26.60		1.30	
06 46 36 00-0539	LF	2" x 2-1/2" Custom Shaped Red Oak	37.92		1.30	
06 46 36 00-0540	LF	2" x 3-1/2" Custom Shaped Red Oak	49.19		1.30	
06 46 36 00-0541	LF	2" x 4-1/2" Custom Shaped Red Oak	60.61		1.41	
06 46 36 00-0542	LF	2" x 5-1/2" Custom Shaped Red Oak	71.88		1.41	
06 46 36 00-0543	LF	2" x 6-1/2" Custom Shaped Red Oak	83.41		1.52	
06 46 36 00-0544	LF	2" x 7-1/2" Custom Shaped Red Oak	94.68		1.52	
06 46 36 00-0545	LF	2" x 8-1/2" Custom Shaped Red Oak	106.11		1.63	
06 46 36 00-0546	LF	2" x 9-1/2" Custom Shaped Red Oak	117.38		1.63	
06 46 36 00-0547	LF	2" x 10-1/2" Custom Shaped Red Oak	128.70		1.73	
06 46 36 00-0548	LF	2" x 11-1/2" Custom Shaped Red Oak	140.19		1.84	
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	8.13		1.20	
06 46 36 00-0551	LF	3/4" x 2-1/2" Custom Shaped White Oak	10.40		1.20	
06 46 36 00-0552	LF	3/4" x 3-1/2" Custom Shaped White Oak	12.69		1.20	
06 46 36 00-0553	LF	3/4" x 4-1/2" Custom Shaped White Oak	14.96		1.30	
06 46 36 00-0554	LF	3/4" x 5-1/2" Custom Shaped White Oak	17.35		1.30	
06 46 36 00-0555	LF	3/4" x 6-1/2" Custom Shaped White Oak	19.75		1.41	
06 46 36 00-0556	LF	3/4" x 7-1/2" Custom Shaped White Oak	22.01		1.41	
06 46 36 00-0557	LF	3/4" x 8-1/2" Custom Shaped White Oak	24.32		1.41	
06 46 36 00-0558	LF	3/4" x 9-1/2" Custom Shaped White Oak	26.53		1.52	
06 46 36 00-0559	LF	3/4" x 10-1/2" Custom Shaped White Oak	28.96		1.63	

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 00-0560	LF	3/4" x 11-1/2" Custom Shaped White Oak	31.28	1.63
06 46 36 00-0561	LF	1" x 1-1/2" Custom Shaped White Oak	9.73	1.20
06 46 36 00-0562	LF	1" x 2-1/2" Custom Shaped White Oak	12.78	1.20
06 46 36 00-0563	LF	1" x 3-1/2" Custom Shaped White Oak	15.77	1.30
06 46 36 00-0564	LF	1" x 4-1/2" Custom Shaped White Oak	19.93	1.30
06 46 36 00-0565	LF	1" x 5-1/2" Custom Shaped White Oak	21.94	1.41
06 46 36 00-0566	LF	1" x 6-1/2" Custom Shaped White Oak	25.11	1.41
06 46 36 00-0567	LF	1" x 7-1/2" Custom Shaped White Oak	28.09	1.41
06 46 36 00-0568	LF	1" x 8-1/2" Custom Shaped White Oak	31.10	1.52
06 46 36 00-0569	LF	1" x 9-1/2" Custom Shaped White Oak	34.10	1.52
06 46 36 00-0570	LF	1" x 10-1/2" Custom Shaped White Oak	37.30	1.63
06 46 36 00-0571	LF	1" x 11-1/2" Custom Shaped White Oak	40.34	1.63
06 46 36 00-0572	LF	1-1/4" x 1-1/2" Custom Shaped White Oak	12.33	1.20
06 46 36 00-0573	LF	1-1/4" x 2-1/2" Custom Shaped White Oak	16.59	1.20
06 46 36 00-0574	LF	1-1/4" x 3-1/2" Custom Shaped White Oak	20.85	1.30
06 46 36 00-0575	LF	1-1/4" x 4-1/2" Custom Shaped White Oak	25.11	1.30
06 46 36 00-0576	LF	1-1/4" x 5-1/2" Custom Shaped White Oak	29.51	1.41
06 46 36 00-0577	LF	1-1/4" x 6-1/2" Custom Shaped White Oak	33.89	1.41
06 46 36 00-0578	LF	1-1/4" x 7-1/2" Custom Shaped White Oak	38.14	1.52
06 46 36 00-0579	LF	1-1/4" x 8-1/2" Custom Shaped White Oak	42.42	1.52
06 46 36 00-0580	LF	1-1/4" x 9-1/2" Custom Shaped White Oak	46.64	1.52
06 46 36 00-0581	LF	1-1/4" x 10-1/2" Custom Shaped White Oak	51.05	1.63
06 46 36 00-0582	LF	1-1/4" x 11-1/2" Custom Shaped White Oak	55.36	1.73
06 46 36 00-0583	LF	1-1/2" x 1-1/2" Custom Shaped White Oak	20.50	1.20
06 46 36 00-0584	LF	1-1/2" x 2-1/2" Custom Shaped White Oak	28.79	1.30
06 46 36 00-0585	LF	1-1/2" x 3-1/2" Custom Shaped White Oak	37.09	1.30
06 46 36 00-0586	LF	1-1/2" x 4-1/2" Custom Shaped White Oak	45.38	1.41
06 46 36 00-0587	LF	1-1/2" x 5-1/2" Custom Shaped White Oak	53.70	1.41
06 46 36 00-0588	LF	1-1/2" x 6-1/2" Custom Shaped White Oak	62.22	1.52
06 46 36 00-0589	LF	1-1/2" x 7-1/2" Custom Shaped White Oak	70.50	1.52
06 46 36 00-0590	LF	1-1/2" x 8-1/2" Custom Shaped White Oak	78.83	1.63
06 46 36 00-0591	LF	1-1/2" x 9-1/2" Custom Shaped White Oak	85.96	1.63
06 46 36 00-0592	LF	1-1/2" x 10-1/2" Custom Shaped White Oak	95.51	1.73
06 46 36 00-0593	LF	1-1/2" x 11-1/2" Custom Shaped White Oak	103.86	1.73

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	9.12	1.20
06 46 36 00-0596	LF	3/4" x 2-1/2" Custom Shaped White Pine	11.89	1.20
06 46 36 00-0597	LF	3/4" x 3-1/2" Custom Shaped White Pine	14.67	1.20
06 46 36 00-0598	LF	3/4" x 4-1/2" Custom Shaped White Pine	17.45	1.30
06 46 36 00-0599	LF	3/4" x 5-1/2" Custom Shaped White Pine	20.34	1.30
06 46 36 00-0600	LF	3/4" x 6-1/2" Custom Shaped White Pine	23.23	1.41
06 46 36 00-0601	LF	3/4" x 7-1/2" Custom Shaped White Pine	25.99	1.41
06 46 36 00-0602	LF	3/4" x 8-1/2" Custom Shaped White Pine	28.79	1.41
06 46 36 00-0603	LF	3/4" x 9-1/2" Custom Shaped White Pine	33.16	1.52
06 46 36 00-0604	LF	3/4" x 10-1/2" Custom Shaped White Pine	36.25	1.63
06 46 36 00-0605	LF	1" x 1-1/2" Custom Shaped White Pine	10.28	1.20
06 46 36 00-0606	LF	1" x 2-1/2" Custom Shaped White Pine	13.61	1.20
06 46 36 00-0607	LF	1" x 3-1/2" Custom Shaped White Pine	16.87	1.30
06 46 36 00-0608	LF	1" x 4-1/2" Custom Shaped White Pine	20.21	1.30
06 46 36 00-0609	LF	1" x 5-1/2" Custom Shaped White Pine	23.60	1.41
06 46 36 00-0610	LF	1" x 6-1/2" Custom Shaped White Pine	27.04	1.41
06 46 36 00-0611	LF	1" x 7-1/2" Custom Shaped White Pine	30.30	1.41
06 46 36 00-0612	LF	1" x 8-1/2" Custom Shaped White Pine	33.64	1.52
06 46 36 00-0613	LF	1" x 9-1/2" Custom Shaped White Pine	36.86	1.52
06 46 36 00-0614	LF	1" x 10-1/2" Custom Shaped White Pine	40.33	1.63
06 46 36 00-0615	LF	1" x 11-1/2" Custom Shaped White Pine	43.65	1.63
06 46 36 00-0616	LF	1-1/4" x 1-1/2" Custom Shaped White Pine	11.66	1.20
06 46 36 00-0617	LF	1-1/4" x 2-1/2" Custom Shaped White Pine	15.59	1.20
06 46 36 00-0618	LF	1-1/4" x 3-1/2" Custom Shaped White Pine	19.64	1.30
06 46 36 00-0619	LF	1-1/4" x 4-1/2" Custom Shaped White Pine	23.46	1.30
06 46 36 00-0620	LF	1-1/4" x 5-1/2" Custom Shaped White Pine	27.52	1.41
06 46 36 00-0621	LF	1-1/4" x 6-1/2" Custom Shaped White Pine	31.57	1.41
06 46 36 00-0622	LF	1-1/4" x 7-1/2" Custom Shaped White Pine	35.49	1.52
06 46 36 00-0623	LF	1-1/4" x 8-1/2" Custom Shaped White Pine	39.44	1.52
06 46 36 00-0624	LF	1-1/4" x 9-1/2" Custom Shaped White Pine	43.32	1.52
06 46 36 00-0625	LF	1-1/4" x 10-1/2" Custom Shaped White Pine	47.40	1.63
06 46 36 00-0626	LF	1-1/4" x 11-1/2" Custom Shaped White Pine	51.38	1.73
06 46 36 00-0627	LF	1-1/2" x 1-1/2" Custom Shaped White Pine	14.75	1.20
06 46 36 00-0628	LF	1-1/2" x 2-1/2" Custom Shaped White Pine	20.18	1.30
06 46 36 00-0629	LF	1-1/2" x 3-1/2" Custom Shaped White Pine	25.60	1.30
06 46 36 00-0630	LF	1-1/2" x 4-1/2" Custom Shaped White Pine	31.02	1.41
06 46 36 00-0631	LF	1-1/2" x 5-1/2" Custom Shaped White Pine	36.47	1.41
06 46 36 00-0632	LF	1-1/2" x 6-1/2" Custom Shaped White Pine	42.12	1.52
06 46 36 00-0633	LF	1-1/2" x 7-1/2" Custom Shaped White Pine	47.52	1.52
06 46 36 00-0634	LF	1-1/2" x 8-1/2" Custom Shaped White Pine	52.98	1.63
06 46 36 00-0635	LF	1-1/2" x 9-1/2" Custom Shaped White Pine	59.45	1.63
06 46 36 00-0636	LF	1-1/2" x 10-1/2" Custom Shaped White Pine	63.92	1.73
06 46 36 00-0637	LF	1-1/2" x 11-1/2" Custom Shaped White Pine	69.39	1.73
06 46 36 00-0638	LF	2" x 1-1/2" Custom Shaped White Pine	23.01	1.30



MINOR			TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST	UNIT COST
06 46 36 00-0639	LF	2" x 2-1/2" Custom Shaped White Pine	32.51		1.30	
06 46 36 00-0640	LF	2" x 3-1/2" Custom Shaped White Pine	42.01		1.30	
06 46 36 00-0641	LF	2" x 4-1/2" Custom Shaped White Pine	51.61		1.41	
06 46 36 00-0642	LF	2" x 5-1/2" Custom Shaped White Pine	61.11		1.41	
06 46 36 00-0643	LF	2" x 6-1/2" Custom Shaped White Pine	70.82		1.52	
06 46 36 00-0644	LF	2" x 7-1/2" Custom Shaped White Pine	80.32		1.52	
06 46 36 00-0645	LF	2" x 8-1/2" Custom Shaped White Pine	89.93		1.63	
06 46 36 00-0646	LF	2" x 9-1/2" Custom Shaped White Pine	99.43		1.63	
06 46 36 00-0647	LF	2" x 10-1/2" Custom Shaped White Pine	108.93		1.73	
06 46 36 00-0648	LF	2" x 11-1/2" Custom Shaped White Pine	118.65		1.84	
06 46 36 00-0649	LF	2-1/2" x 1-1/2" Custom Shaped White Pine	27.54		1.30	
06 46 36 00-0650	LF	2-1/2" x 2-1/2" Custom Shaped White Pine	39.25		1.30	
06 46 36 00-0651	LF	2-1/2" x 3-1/2" Custom Shaped White Pine	50.96		1.41	
06 46 36 00-0652	LF	2-1/2" x 4-1/2" Custom Shaped White Pine	62.77		1.41	
06 46 36 00-0653	LF	2-1/2" x 5-1/2" Custom Shaped White Pine	74.48		1.41	
06 46 36 00-0654	LF	2-1/2" x 6-1/2" Custom Shaped White Pine	86.39		1.52	
06 46 36 00-0655	LF	2-1/2" x 7-1/2" Custom Shaped White Pine	98.11		1.63	
06 46 36 00-0656	LF	2-1/2" x 8-1/2" Custom Shaped White Pine	109.92		1.63	
06 46 36 00-0657	LF	2-1/2" x 9-1/2" Custom Shaped White Pine	121.63		1.73	
06 46 36 00-0658	LF	2-1/2" x 10-1/2" Custom Shaped White Pine	133.34		1.73	
06 46 36 00-0659	LF	2-1/2" x 11-1/2" Custom Shaped White Pine	145.27		1.84	
06 46 36 00-0660	LF	3-1/2" x 3-1/2" Custom Shaped White Pine	70.95		1.41	
06 46 36 00-0661	LF	3-1/2" x 4-1/2" Custom Shaped White Pine	87.72		1.41	
06 46 36 00-0662	LF	3-1/2" x 5-1/2" Custom Shaped White Pine	104.41		1.52	
06 46 36 00-0663	LF	3-1/2" x 6-1/2" Custom Shaped White Pine	121.31		1.63	
06 46 36 00-0664	LF	3-1/2" x 7-1/2" Custom Shaped White Pine	137.99		1.63	
06 46 36 00-0665	LF	3-1/2" x 8-1/2" Custom Shaped White Pine	154.77		1.73	
06 46 36 00-0666	LF	3-1/2" x 9-1/2" Custom Shaped White Pine	171.44		1.73	
06 46 36 00-0667	LF	3-1/2" x 10-1/2" Custom Shaped White Pine	188.13		1.73	
06 46 36 00-0668	LF	3-1/2" x 11-1/2" Custom Shaped White Pine	205.03		1.84	
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	6.03		1.20	
06 46 36 00-0671	LF	3/4" x 2-1/2" Custom Shaped "C" Y Pine	7.25		1.20	
06 46 36 00-0672	LF	3/4" x 3-1/2" Custom Shaped "C" Y Pine	8.49		1.20	
06 46 36 00-0673	LF	3/4" x 4-1/2" Custom Shaped "C" Y Pine	9.71		1.30	
06 46 36 00-0674	LF	3/4" x 5-1/2" Custom Shaped "C" Y Pine	11.06		1.30	
06 46 36 00-0675	LF	3/4" x 6-1/2" Custom Shaped "C" Y Pine	12.40		1.41	
06 46 36 00-0676	LF	3/4" x 7-1/2" Custom Shaped "C" Y Pine	13.62		1.41	
06 46 36 00-0677	LF	3/4" x 8-1/2" Custom Shaped "C" Y Pine	14.87		1.41	
06 46 36 00-0678	LF	1" x 1-1/2" Custom Shaped "C" Y Pine	6.97		1.20	
06 46 36 00-0679	LF	1" x 2-1/2" Custom Shaped "C" Y Pine	8.63		1.20	
06 46 36 00-0680	LF	1" x 3-1/2" Custom Shaped "C" Y Pine	10.25		1.30	
06 46 36 00-0681	LF	1" x 4-1/2" Custom Shaped "C" Y Pine	11.92		1.30	
06 46 36 00-0682	LF	1" x 5-1/2" Custom Shaped "C" Y Pine	13.65		1.41	
06 46 36 00-0683	LF	1" x 6-1/2" Custom Shaped "C" Y Pine	15.44		1.41	
06 46 36 00-0684	LF	1" x 7-1/2" Custom Shaped "C" Y Pine	17.59		1.41	
06 46 36 00-0685	LF	1" x 8-1/2" Custom Shaped "C" Y Pine	19.34		1.52	
06 46 36 00-0686	LF	1-1/2" x 1-1/2" Custom Shaped "C" Y Pine	8.13		1.20	
06 46 36 00-0687	LF	1-1/2" x 2-1/2" Custom Shaped "C" Y Pine	10.24		1.30	
06 46 36 00-0688	LF	1-1/2" x 3-1/2" Custom Shaped "C" Y Pine	12.34		1.30	
06 46 36 00-0689	LF	1-1/2" x 4-1/2" Custom Shaped "C" Y Pine	14.45		1.41	
06 46 36 00-0690	LF	1-1/2" x 5-1/2" Custom Shaped "C" Y Pine	16.58		1.41	
06 46 36 00-0691	LF	1-1/2" x 6-1/2" Custom Shaped "C" Y Pine	18.92		1.52	
06 46 36 00-0692	LF	1-1/2" x 7-1/2" Custom Shaped "C" Y Pine	21.01		1.52	
06 46 36 00-0693	LF	1-1/2" x 8-1/2" Custom Shaped "C" Y Pine	23.16		1.63	
06 46 36 00-0694	LF	1-1/2" x 9-1/2" Custom Shaped "C" Y Pine	26.86		1.63	
06 46 36 00-0695	LF	1-1/2" x 10-1/2" Custom Shaped "C" Y Pine	27.68		1.73	
06 46 36 00-0696 Poplar (06 46 36)						
06 46 36 00-0697	LF	3/4" x 1-1/2" Custom Shaped Poplar	6.36		1.20	
06 46 36 00-0698	LF	3/4" x 2-1/2" Custom Shaped Poplar	7.75		1.20	
06 46 36 00-0699	LF	3/4" x 3-1/2" Custom Shaped Poplar	9.15		1.20	
06 46 36 00-0700	LF	3/4" x 4-1/2" Custom Shaped Poplar	10.54		1.30	
06 46 36 00-0701	LF	3/4" x 5-1/2" Custom Shaped Poplar	12.05		1.30	
06 46 36 00-0702	LF	3/4" x 6-1/2" Custom Shaped Poplar	13.56		1.41	
06 46 36 00-0703	LF	3/4" x 7-1/2" Custom Shaped Poplar	14.94		1.41	
06 46 36 00-0704	LF	3/4" x 8-1/2" Custom Shaped Poplar	16.36		1.41	
06 46 36 00-0705	LF	3/4" x 9-1/2" Custom Shaped Poplar	17.69		1.52	
06 46 36 00-0706	LF	3/4" x 10-1/2" Custom Shaped Poplar	19.23		1.63	
06 46 36 00-0707	LF	3/4" x 11-1/2" Custom Shaped Poplar	20.79		1.63	
06 46 36 00-0708	LF	1" x 1-1/2" Custom Shaped Poplar	7.41		1.20	
06 46 36 00-0709	LF	1" x 2-1/2" Custom Shaped Poplar	9.24		1.20	
06 46 36 00-0710	LF	1" x 3-1/2" Custom Shaped Poplar	11.07		1.30	
06 46 36 00-0711	LF	1" x 4-1/2" Custom Shaped Poplar	12.92		1.30	
06 46 36 00-0712	LF	1" x 5-1/2" Custom Shaped Poplar	14.92		1.41	
06 46 36 00-0713	LF	1" x 6-1/2" Custom Shaped Poplar	16.88		1.41	
06 46 36 00-0714	LF	1" x 7-1/2" Custom Shaped Poplar	18.70		1.41	
06 46 36 00-0715	LF	1" x 8-1/2" Custom Shaped Poplar	20.55		1.52	

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 00-0716	LF	1" x 9-1/2" Custom Shaped Poplar	22.39	1.52
06 46 36 00-0717	LF	1" x 10-1/2" Custom Shaped Poplar	24.37	1.63
06 46 36 00-0718	LF	1" x 11-1/2" Custom Shaped Poplar	26.25	1.63
06 46 36 00-0719	LF	1-1/4" x 1-1/2" Custom Shaped Poplar	8.35	1.20
06 46 36 00-0720	LF	1-1/4" x 2-1/2" Custom Shaped Poplar	10.62	1.20
06 46 36 00-0721	LF	1-1/4" x 3-1/2" Custom Shaped Poplar	12.90	1.30
06 46 36 00-0722	LF	1-1/4" x 4-1/2" Custom Shaped Poplar	15.17	1.30
06 46 36 00-0723	LF	1-1/4" x 5-1/2" Custom Shaped Poplar	17.57	1.41
06 46 36 00-0724	LF	1-1/4" x 6-1/2" Custom Shaped Poplar	19.97	1.41
06 46 36 00-0725	LF	1-1/4" x 7-1/2" Custom Shaped Poplar	22.23	1.52
06 46 36 00-0726	LF	1-1/4" x 8-1/2" Custom Shaped Poplar	24.53	1.52
06 46 36 00-0727	LF	1-1/4" x 9-1/2" Custom Shaped Poplar	26.75	1.52
06 46 36 00-0728	LF	1-1/4" x 10-1/2" Custom Shaped Poplar	29.18	1.63
06 46 36 00-0729	LF	1-1/4" x 11-1/2" Custom Shaped Poplar	31.50	1.73
06 46 36 00-0730	LF	1-1/2" x 1-1/2" Custom Shaped Poplar	10.56	1.20
06 46 36 00-0731	LF	1-1/2" x 2-1/2" Custom Shaped Poplar	13.88	1.30
06 46 36 00-0732	LF	1-1/2" x 3-1/2" Custom Shaped Poplar	17.20	1.30
06 46 36 00-0733	LF	1-1/2" x 4-1/2" Custom Shaped Poplar	20.53	1.41
06 46 36 00-0734	LF	1-1/2" x 5-1/2" Custom Shaped Poplar	23.87	1.41
06 46 36 00-0735	LF	1-1/2" x 6-1/2" Custom Shaped Poplar	27.43	1.52
06 46 36 00-0736	LF	1-1/2" x 7-1/2" Custom Shaped Poplar	30.73	1.52
06 46 36 00-0737	LF	1-1/2" x 8-1/2" Custom Shaped Poplar	34.09	1.63
06 46 36 00-0738	LF	1-1/2" x 9-1/2" Custom Shaped Poplar	37.36	1.63
06 46 36 00-0739	LF	1-1/2" x 10-1/2" Custom Shaped Poplar	40.83	1.73
06 46 36 00-0740	LF	1-1/2" x 11-1/2" Custom Shaped Poplar	44.20	1.73
06 46 36 00-0741	LF	2" x 1-1/2" Custom Shaped Poplar	13.90	1.30
06 46 36 00-0742	LF	2" x 2-1/2" Custom Shaped Poplar	18.87	1.30
06 46 36 00-0743	LF	2" x 3-1/2" Custom Shaped Poplar	23.78	1.30
06 46 36 00-0744	LF	2" x 4-1/2" Custom Shaped Poplar	28.85	1.41
06 46 36 00-0745	LF	2" x 5-1/2" Custom Shaped Poplar	33.77	1.41
06 46 36 00-0746	LF	2" x 6-1/2" Custom Shaped Poplar	38.95	1.52
06 46 36 00-0747	LF	2" x 7-1/2" Custom Shaped Poplar	43.86	1.52
06 46 36 00-0748	LF	2" x 8-1/2" Custom Shaped Poplar	48.94	1.63
06 46 36 00-0749	LF	2" x 9-1/2" Custom Shaped Poplar	53.86	1.63
06 46 36 00-0750	LF	2" x 10-1/2" Custom Shaped Poplar	58.83	1.73
06 46 36 00-0751	LF	2" x 11-1/2" Custom Shaped Poplar	63.97	1.84
06 46 36 00-0752	LF	2-1/2" x 1-1/2" Custom Shaped Poplar	17.26	1.30
06 46 36 00-0753	LF	2-1/2" x 2-1/2" Custom Shaped Poplar	23.84	1.30
06 46 36 00-0754	LF	2-1/2" x 3-1/2" Custom Shaped Poplar	30.41	1.41
06 46 36 00-0755	LF	2-1/2" x 4-1/2" Custom Shaped Poplar	37.08	1.41
06 46 36 00-0756	LF	2-1/2" x 5-1/2" Custom Shaped Poplar	43.65	1.41
06 46 36 00-0757	LF	2-1/2" x 6-1/2" Custom Shaped Poplar	50.44	1.52
06 46 36 00-0758	LF	2-1/2" x 7-1/2" Custom Shaped Poplar	57.02	1.63
06 46 36 00-0759	LF	2-1/2" x 8-1/2" Custom Shaped Poplar	63.69	1.63
06 46 36 00-0760	LF	2-1/2" x 9-1/2" Custom Shaped Poplar	70.26	1.73
06 46 36 00-0761	LF	2-1/2" x 10-1/2" Custom Shaped Poplar	76.84	1.73
06 46 36 00-0762	LF	2-1/2" x 11-1/2" Custom Shaped Poplar	83.63	1.84
06 46 36 00-0763	LF	3-1/2" x 3-1/2" Custom Shaped Poplar	41.79	1.41
06 46 36 00-0764	LF	3-1/2" x 4-1/2" Custom Shaped Poplar	51.27	1.41
06 46 36 00-0765	LF	3-1/2" x 5-1/2" Custom Shaped Poplar	60.67	1.52
06 46 36 00-0766	LF	3-1/2" x 6-1/2" Custom Shaped Poplar	70.39	1.63
06 46 36 00-0767	LF	3-1/2" x 7-1/2" Custom Shaped Poplar	79.66	1.63
06 46 36 00-0768	LF	3-1/2" x 8-1/2" Custom Shaped Poplar	89.15	1.73
06 46 36 00-0769	LF	3-1/2" x 9-1/2" Custom Shaped Poplar	98.53	1.73
06 46 36 00-0770	LF	3-1/2" x 10-1/2" Custom Shaped Poplar	107.93	1.73
06 46 36 00-0771	LF	3-1/2" x 11-1/2" Custom Shaped Poplar	117.54	1.84

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	7.91	1.20
06 46 36 00-0774	LF	3/4" x 2-1/2" Custom Shaped Clear Heart Redwood	10.07	1.20
06 46 36 00-0775	LF	3/4" x 3-1/2" Custom Shaped Clear Heart Redwood	12.24	1.20
06 46 36 00-0776	LF	3/4" x 4-1/2" Custom Shaped Clear Heart Redwood	14.41	1.30
06 46 36 00-0777	LF	3/4" x 5-1/2" Custom Shaped Clear Heart Redwood	16.69	1.30
06 46 36 00-0778	LF	3/4" x 6-1/2" Custom Shaped Clear Heart Redwood	18.98	1.41
06 46 36 00-0779	LF	3/4" x 7-1/2" Custom Shaped Clear Heart Redwood	23.34	1.41
06 46 36 00-0780	LF	3/4" x 8-1/2" Custom Shaped Clear Heart Redwood	25.81	1.41
06 46 36 00-0781	LF	3/4" x 9-1/2" Custom Shaped Clear Heart Redwood	25.92	1.52
06 46 36 00-0782	LF	3/4" x 10-1/2" Custom Shaped Clear Heart Redwood	27.74	1.63
06 46 36 00-0783	LF	1" x 1-1/2" Custom Shaped Clear Heart Redwood	9.62	1.20
06 46 36 00-0784	LF	1" x 2-1/2" Custom Shaped Clear Heart Redwood	12.56	1.20
06 46 36 00-0785	LF	1" x 3-1/2" Custom Shaped Clear Heart Redwood	15.49	1.30
06 46 36 00-0786	LF	1" x 4-1/2" Custom Shaped Clear Heart Redwood	18.44	1.30
06 46 36 00-0787	LF	1" x 5-1/2" Custom Shaped Clear Heart Redwood	21.55	1.41
06 46 36 00-0788	LF	1" x 6-1/2" Custom Shaped Clear Heart Redwood	24.61	1.41
06 46 36 00-0789	LF	1" x 7-1/2" Custom Shaped Clear Heart Redwood	31.40	1.41
06 46 36 00-0790	LF	1" x 8-1/2" Custom Shaped Clear Heart Redwood	34.86	1.52
06 46 36 00-0791	LF	1" x 9-1/2" Custom Shaped Clear Heart Redwood	38.24	1.52
06 46 36 00-0792	LF	1" x 10-1/2" Custom Shaped Clear Heart Redwood	41.82	1.63
06 46 36 00-0793	LF	1-1/2" x 1-1/2" Custom Shaped Clear Heart Redwood	12.77	1.20
06 46 36 00-0794	LF	1-1/2" x 2-1/2" Custom Shaped Clear Heart Redwood	17.19	1.30



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
06 46 36 00-0795	LF	1-1/2" x 3-1/2" Custom Shaped Clear Heart Redwood	21.62	1.30	
06 46 36 00-0796	LF	1-1/2" x 4-1/2" Custom Shaped Clear Heart Redwood	26.05	1.41	
06 46 36 00-0797	LF	1-1/2" x 5-1/2" Custom Shaped Clear Heart Redwood	30.50	1.41	
06 46 36 00-0798	LF	1-1/2" x 6-1/2" Custom Shaped Clear Heart Redwood	35.27	1.52	
06 46 36 00-0799	LF	1-1/2" x 7-1/2" Custom Shaped Clear Heart Redwood	47.52	1.52	
06 46 36 00-0800	LF	1-1/2" x 8-1/2" Custom Shaped Clear Heart Redwood	52.98	1.63	
06 46 36 00-0801	LF	1-1/2" x 9-1/2" Custom Shaped Clear Heart Redwood	62.76	1.63	
06 46 36 00-0802	LF	1-1/2" x 10-1/2" Custom Shaped Clear Heart Redwood	68.78	1.73	
06 46 36 00-0803	LF	3-1/2" x 3-1/2" Custom Shaped Clear Heart Redwood	66.53	1.41	
06 46 36 00-0804	LF	3-1/2" x 4-1/2" Custom Shaped Clear Heart Redwood	82.20	1.41	
06 46 36 00-0805	LF	3-1/2" x 5-1/2" Custom Shaped Clear Heart Redwood	97.78	1.52	
06 46 36 00-0806	LF	3-1/2" x 6-1/2" Custom Shaped Clear Heart Redwood	113.58	1.63	
06 46 36 00-0807	LF	3-1/2" x 7-1/2" Custom Shaped Clear Heart Redwood	129.15	1.63	
06 46 36 00-0808	LF	3-1/2" x 8-1/2" Custom Shaped Clear Heart Redwood	144.83	1.73	
06 46 36 00-0809	LF	3-1/2" x 9-1/2" Custom Shaped Clear Heart Redwood	160.40	1.73	
06 46 36 00-0810	LF	3-1/2" x 10-1/2" Custom Shaped Clear Heart Redwood	175.98	1.73	
06 46 36 00-0811	LF	3-1/2" x 11-1/2" Custom Shaped Clear Heart Redwood	191.78	1.84	
06 46 36 00-0812 Teak (06 46 36)					
06 46 36 00-0813	LF	3/4" x 1-1/2" Custom Shaped Teak	22.71	1.20	
06 46 36 00-0814	LF	3/4" x 2-1/2" Custom Shaped Teak	32.28	1.20	
06 46 36 00-0815	LF	3/4" x 3-1/2" Custom Shaped Teak	41.85	1.20	
06 46 36 00-0816	LF	3/4" x 4-1/2" Custom Shaped Teak	51.42	1.30	
06 46 36 00-0817	LF	3/4" x 5-1/2" Custom Shaped Teak	61.10	1.30	
06 46 36 00-0818	LF	3/4" x 6-1/2" Custom Shaped Teak	70.79	1.41	
06 46 36 00-0819	LF	3/4" x 7-1/2" Custom Shaped Teak	80.34	1.41	
06 46 36 00-0820	LF	3/4" x 8-1/2" Custom Shaped Teak	89.94	1.41	
06 46 36 00-0821	LF	3/4" x 9-1/2" Custom Shaped Teak	99.44	1.52	
06 46 36 00-0822	LF	3/4" x 10-1/2" Custom Shaped Teak	109.16	1.63	
06 46 36 00-0823	LF	3/4" x 11-1/2" Custom Shaped Teak	118.77	1.63	
06 46 36 00-0824	LF	1-1/2" x 1-1/2" Custom Shaped Teak	52.98	1.20	
06 46 36 00-0825	LF	1-1/2" x 2-1/2" Custom Shaped Teak	60.94	1.30	
06 46 36 00-0826	LF	1-1/2" x 3-1/2" Custom Shaped Teak	79.95	1.30	
06 46 36 00-0827	LF	1-1/2" x 4-1/2" Custom Shaped Teak	98.96	1.41	
06 46 36 00-0828	LF	1-1/2" x 5-1/2" Custom Shaped Teak	117.99	1.41	
06 46 36 00-0829	LF	1-1/2" x 6-1/2" Custom Shaped Teak	136.68	1.52	
06 46 36 00-0830	LF	1-1/2" x 7-1/2" Custom Shaped Teak	156.22	1.52	
06 46 36 00-0831	LF	1-1/2" x 8-1/2" Custom Shaped Teak	175.27	1.63	
06 46 36 00-0832	LF	1-1/2" x 9-1/2" Custom Shaped Teak	194.22	1.63	
06 46 36 00-0833	LF	1-1/2" x 10-1/2" Custom Shaped Teak	213.38	1.73	
06 46 36 00-0834	LF	1-1/2" x 11-1/2" Custom Shaped Teak	232.44	1.73	
06 46 36 00-0835 Walnut (06 46 36)					
06 46 36 00-0836	LF	3/4" x 1-1/2" Custom Shaped Walnut	12.22	1.20	
06 46 36 00-0837	LF	3/4" x 2-1/2" Custom Shaped Walnut	16.53	1.20	
06 46 36 00-0838	LF	3/4" x 3-1/2" Custom Shaped Walnut	20.86	1.20	
06 46 36 00-0839	LF	3/4" x 4-1/2" Custom Shaped Walnut	25.18	1.30	
06 46 36 00-0840	LF	3/4" x 5-1/2" Custom Shaped Walnut	29.62	1.30	
06 46 36 00-0841	LF	3/4" x 6-1/2" Custom Shaped Walnut	34.05	1.41	
06 46 36 00-0842	LF	3/4" x 7-1/2" Custom Shaped Walnut	38.36	1.41	
06 46 36 00-0843	LF	3/4" x 8-1/2" Custom Shaped Walnut	42.71	1.41	
06 46 36 00-0844	LF	3/4" x 9-1/2" Custom Shaped Walnut	46.97	1.52	
06 46 36 00-0845	LF	3/4" x 10-1/2" Custom Shaped Walnut	51.44	1.63	
06 46 36 00-0846	LF	3/4" x 11-1/2" Custom Shaped Walnut	55.80	1.63	
06 46 36 00-0847	LF	1" x 1-1/2" Custom Shaped Walnut	14.70	1.20	
06 46 36 00-0848	LF	1" x 2-1/2" Custom Shaped Walnut	20.23	1.20	
06 46 36 00-0849	LF	1" x 3-1/2" Custom Shaped Walnut	25.71	1.30	
06 46 36 00-0850	LF	1" x 4-1/2" Custom Shaped Walnut	31.25	1.30	
06 46 36 00-0851	LF	1" x 5-1/2" Custom Shaped Walnut	36.85	1.41	
06 46 36 00-0852	LF	1" x 6-1/2" Custom Shaped Walnut	42.50	1.41	
06 46 36 00-0853	LF	1" x 7-1/2" Custom Shaped Walnut	47.97	1.41	
06 46 36 00-0854	LF	1" x 8-1/2" Custom Shaped Walnut	53.53	1.52	
06 46 36 00-0855	LF	1" x 9-1/2" Custom Shaped Walnut	58.95	1.52	
06 46 36 00-0856	LF	1" x 10-1/2" Custom Shaped Walnut	64.64	1.63	
06 46 36 00-0857	LF	1" x 11-1/2" Custom Shaped Walnut	70.16	1.63	
06 46 36 00-0858	LF	1-1/4" x 1-1/2" Custom Shaped Walnut	18.12	1.20	
06 46 36 00-0859	LF	1-1/4" x 2-1/2" Custom Shaped Walnut	25.31	1.20	
06 46 36 00-0860	LF	1-1/4" x 3-1/2" Custom Shaped Walnut	32.45	1.30	
06 46 36 00-0861	LF	1-1/4" x 4-1/2" Custom Shaped Walnut	39.64	1.30	
06 46 36 00-0862	LF	1-1/4" x 5-1/2" Custom Shaped Walnut	46.90	1.41	
06 46 36 00-0863	LF	1-1/4" x 6-1/2" Custom Shaped Walnut	54.21	1.41	
06 46 36 00-0864	LF	1-1/4" x 7-1/2" Custom Shaped Walnut	61.34	1.52	
06 46 36 00-0865	LF	1-1/4" x 8-1/2" Custom Shaped Walnut	68.55	1.52	
06 46 36 00-0866	LF	1-1/4" x 9-1/2" Custom Shaped Walnut	75.63	1.52	
06 46 36 00-0867	LF	1-1/4" x 10-1/2" Custom Shaped Walnut	82.97	1.63	
06 46 36 00-0868	LF	1-1/4" x 11-1/2" Custom Shaped Walnut	90.16	1.73	
06 46 36 00-0869	LF	1-1/2" x 1-1/2" Custom Shaped Walnut	24.70	1.20	
06 46 36 00-0870	LF	1-1/2" x 2-1/2" Custom Shaped Walnut	35.09	1.30	
06 46 36 00-0871	LF	1-1/2" x 3-1/2" Custom Shaped Walnut	45.48	1.30	

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 00-0872 LF 1-1/2" x 4-1/2" Custom Shaped Walnut	55.88	1.41
06 46 36 00-0873 LF 1-1/2" x 5-1/2" Custom Shaped Walnut	66.29	1.41
06 46 36 00-0874 LF 1-1/2" x 6-1/2" Custom Shaped Walnut	76.92	1.52
06 46 36 00-0875 LF 1-1/2" x 7-1/2" Custom Shaped Walnut	87.29	1.52
06 46 36 00-0876 LF 1-1/2" x 8-1/2" Custom Shaped Walnut	97.72	1.63
06 46 36 00-0877 LF 1-1/2" x 9-1/2" Custom Shaped Walnut	109.16	1.63
06 46 36 00-0878 LF 1-1/2" x 10-1/2" Custom Shaped Walnut	118.60	1.73
06 46 36 00-0879 LF 1-1/2" x 11-1/2" Custom Shaped Walnut	129.04	1.73
06 46 36 00-0880 LF 2" x 1-1/2" Custom Shaped Walnut.....	141.79	1.30
06 46 36 00-0881 LF 2" x 2-1/2" Custom Shaped Walnut.....	160.68	1.30
06 46 36 00-0882 LF 2" x 3-1/2" Custom Shaped Walnut.....	179.57	1.30
06 46 36 00-0883 LF 2" x 4-1/2" Custom Shaped Walnut.....	198.56	1.41
06 46 36 00-0884 LF 2" x 5-1/2" Custom Shaped Walnut.....	217.45	1.41
06 46 36 00-0885 LF 2" x 6-1/2" Custom Shaped Walnut.....	236.55	1.52
06 46 36 00-0886 LF 2" x 7-1/2" Custom Shaped Walnut.....	255.44	1.52
06 46 36 00-0887 LF 2" x 8-1/2" Custom Shaped Walnut.....	274.44	1.63
06 46 36 00-0888 LF 2" x 9-1/2" Custom Shaped Walnut.....	293.33	1.63
06 46 36 00-0889 LF 2" x 10-1/2" Custom Shaped Walnut	312.22	1.73
06 46 36 00-0890 LF 2" x 11-1/2" Custom Shaped Walnut	331.33	1.84
06 46 36 00-0891 LF 2-1/2" x 1-1/2" Custom Shaped Walnut	52.39	1.30
06 46 36 00-0892 LF 2-1/2" x 2-1/2" Custom Shaped Walnut	76.53	1.30
06 46 36 00-0893 LF 2-1/2" x 3-1/2" Custom Shaped Walnut	100.67	1.41
06 46 36 00-0894 LF 2-1/2" x 4-1/2" Custom Shaped Walnut	124.90	1.41
06 46 36 00-0895 LF 2-1/2" x 5-1/2" Custom Shaped Walnut	149.04	1.41
06 46 36 00-0896 LF 2-1/2" x 6-1/2" Custom Shaped Walnut	173.39	1.52
06 46 36 00-0897 LF 2-1/2" x 7-1/2" Custom Shaped Walnut	197.54	1.63
06 46 36 00-0898 LF 2-1/2" x 8-1/2" Custom Shaped Walnut	221.77	1.63
06 46 36 00-0899 LF 2-1/2" x 9-1/2" Custom Shaped Walnut	245.91	1.73
06 46 36 00-0900 LF 2-1/2" x 10-1/2" Custom Shaped Walnut	270.05	1.73
06 46 36 00-0901 LF 2-1/2" x 11-1/2" Custom Shaped Walnut	294.40	1.84

06 48 Wood Frames (06 40)

Note: Includes 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	290.20	61.54
For Birch, Add	58.53	
For Mahogany, Add	142.15	
06 48 13 00-0003 EA 3'-6" x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	305.10	64.49
For Birch, Add	61.84	
For Mahogany, Add	150.19	
06 48 13 00-0004 EA 4' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	320.02	67.00
For Birch, Add	65.15	
For Mahogany, Add	158.22	
06 48 13 00-0005 EA 5' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	348.52	71.71
For Birch, Add	71.76	
For Mahogany, Add	174.28	
06 48 13 00-0006 EA 6' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	377.66	76.84
For Birch, Add	78.38	
For Mahogany, Add	190.35	
06 48 13 00-0007 EA 3' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	430.69	61.76
06 48 13 00-0008 EA 3'-6" x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	438.69	64.49
06 48 13 00-0009 EA 4' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	446.65	67.23
06 48 13 00-0010 EA 5' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	460.50	71.60
06 48 13 00-0011 EA 6' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	476.64	77.07
06 48 13 00-0012 EA 3' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	338.69	61.76
06 48 13 00-0013 EA 3'-6" x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	354.99	64.49
06 48 13 00-0014 EA 4' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	371.39	67.23
06 48 13 00-0015 EA 5' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	401.85	71.60
06 48 13 00-0016 EA 6' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	434.47	77.07

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	145.11	29.29
For Oak Or Maple, Add	26.83	
For Birch, Add	30.29	
For Mahogany, Add	73.57	
For Walnut Frame, Add	38.95	
06 48 16 00-0003 EA 2'-6" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	146.12	29.40
For Oak Or Maple, Add	27.06	
For Birch, Add	30.55	
For Mahogany, Add	74.19	
For Walnut Frame, Add	39.28	



Wood, Plastics, and Composites		06	06
Architectural Woodwork		06 40	
Wood Frames		06 48	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 48 16 00-0004	EA	2'-8" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	.....	147.93	29.95
		For Oak Or Maple, Add	.....	27.26	
		For Birch, Add	.....	30.78	
		For Mahogany, Add	.....	74.75	
		For Walnut Frame, Add	.....	39.57	
06 48 16 00-0005	EA	3' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	.....	150.30	30.72
		For Oak Or Maple, Add	.....	27.53	
		For Birch, Add	.....	31.08	
		For Mahogany, Add	.....	75.49	
		For Walnut Frame, Add	.....	39.96	
06 48 16 00-0006	EA	3'-4" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	.....	153.76	31.48
		For Oak Or Maple, Add	.....	28.11	
		For Birch, Add	.....	31.74	
		For Mahogany, Add	.....	77.09	
		For Walnut Frame, Add	.....	40.81	
06 48 16 00-0007	EA	4' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	.....	162.43	33.45
		For Oak Or Maple, Add	.....	29.60	
		For Birch, Add	.....	33.42	
		For Mahogany, Add	.....	81.16	
		For Walnut Frame, Add	.....	42.97	
06 48 16 00-0008	EA	5' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	.....	172.71	36.19
		For Oak Or Maple, Add	.....	31.09	
		For Birch, Add	.....	35.10	
		For Mahogany, Add	.....	85.25	
		For Walnut Frame, Add	.....	45.13	
06 48 16 00-0009	EA	6' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	.....	181.94	38.47
		For Oak Or Maple, Add	.....	32.58	
		For Birch, Add	.....	36.78	
		For Mahogany, Add	.....	89.33	
		For Walnut Frame, Add	.....	47.29	
06 48 16 00-0010	LF	4-9/16", Pine Interior Door Frame	.....	6.84	2.62
		For Oak Or Maple, Add	.....	0.49	
		For Birch, Add	.....	0.56	
		For Mahogany, Add	.....	1.35	
		For Walnut Frame, Add	.....	0.72	

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)

06 51 13 00-0002	LF	2" x 6", Beam Or Girder, Recycled Plastic Lumber	.....	11.36	1.76
		For Reinforced Structural Plastic Lumber, Add	.....	3.27	
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add	.....	0.80	
		For White Color, Add	.....	3.76	
		For All Other Colors (Except Black, Brown Or White), Add	.....	3.19	
06 51 13 00-0003	LF	2" x 8", Beam Or Girder, Recycled Plastic Lumber	.....	14.50	1.91
		For Reinforced Structural Plastic Lumber, Add	.....	4.35	
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add	.....	1.06	
		For White Color, Add	.....	5.00	
		For All Other Colors (Except Black, Brown Or White), Add	.....	4.24	
06 51 13 00-0004	LF	2" x 10", Beam Or Girder, Recycled Plastic Lumber	.....	17.36	2.06
		For Reinforced Structural Plastic Lumber, Add	.....	5.33	
		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	.....	5.19	
06 51 13 00-0005	LF	3" x 10", Beam Or Girder, Recycled Plastic Lumber	.....	25.35	2.45
		For Reinforced Structural Plastic Lumber, Add	.....	8.08	
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add	.....	1.97	
		For White Color, Add	.....	9.29	
		For All Other Colors (Except Black, Brown Or White), Add	.....	7.87	
06 51 13 00-0006	LF	3" x 12", Beam Or Girder, Recycled Plastic Lumber	.....	30.34	2.76
		For Reinforced Structural Plastic Lumber, Add	.....	9.77	
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add	.....	2.38	
		For White Color, Add	.....	11.22	
		For All Other Colors (Except Black, Brown Or White), Add	.....	9.50	
06 51 13 00-0007	LF	4" x 4", Beam Or Girder, Recycled Plastic Lumber	.....	16.38	2.37
		For Reinforced Structural Plastic Lumber, Add	.....	4.81	
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add	.....	1.17	
		For White Color, Add	.....	5.52	
		For All Other Colors (Except Black, Brown Or White), Add	.....	4.68	

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 00-0008	LF		4" x 6", Beam Or Girder, Recycled Plastic Lumber	22.07	2.52
			For Reinforced Structural Plastic Lumber, Add	6.83	
			Note: High density polyethylene combined with fiberglass.		
			For Brown Color, Add	1.66	
			For White Color, Add	7.85	
			For All Other Colors (Except Black, Brown Or White), Add	6.65	
06 51 13 00-0009	LF		5" x 5", Beam Or Girder, Recycled Plastic Lumber	22.97	2.60
			For Reinforced Structural Plastic Lumber, Add	7.12	
			Note: High density polyethylene combined with fiberglass.		
			For Brown Color, Add	1.73	
			For White Color, Add	8.18	
			For All Other Colors (Except Black, Brown Or White), Add	6.93	
06 51 13 00-0010	LF		6" x 6", Beam Or Girder, Recycled Plastic Lumber	31.68	2.83
			For Reinforced Structural Plastic Lumber, Add	10.22	
			Note: High density polyethylene combined with fiberglass.		
			For Brown Color, Add	2.49	
			For White Color, Add	11.74	
			For All Other Colors (Except Black, Brown Or White), Add	9.95	
06 51 13 00-0011	LF		6" x 8", Beam Or Girder, Recycled Plastic Lumber	43.20	2.99
			For Reinforced Structural Plastic Lumber, Add	14.40	
			Note: High density polyethylene combined with fiberglass.		
			For Brown Color, Add	3.50	
			For White Color, Add	16.55	
			For All Other Colors (Except Black, Brown Or White), Add	14.01	
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	7.39	0.99
			For Reinforced Structural Plastic Lumber, Add	2.21	
			Note: High density polyethylene combined with fiberglass.		
			For Brown Color, Add	0.54	
			For White Color, Add	2.54	
			For All Other Colors (Except Black, Brown Or White), Add	2.15	
06 51 13 00-0014	LF		2" x 6", Joist, Recycled Plastic Lumber	10.27	1.04
			For Reinforced Structural Plastic Lumber, Add	3.27	
			Note: High density polyethylene combined with fiberglass.		
			For Brown Color, Add	0.80	
			For White Color, Add	3.76	
			For All Other Colors (Except Black, Brown Or White), Add	3.19	
06 51 13 00-0015	LF		2" x 8", Joist, Recycled Plastic Lumber	13.41	1.15
			For Reinforced Structural Plastic Lumber, Add	4.35	
			Note: High density polyethylene combined with fiberglass.		
			For Brown Color, Add	1.06	
			For White Color, Add	5.00	
			For All Other Colors (Except Black, Brown Or White), Add	4.24	
06 51 13 00-0016	LF		2" x 10", Joist, Recycled Plastic Lumber	16.37	1.37
			For Reinforced Structural Plastic Lumber, Add	5.33	
			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	5.19	
06 51 13 00-0017	LF		3" x 10", Joist, Recycled Plastic Lumber	24.15	1.61
			For Reinforced Structural Plastic Lumber, Add	8.08	
			Note: High density polyethylene combined with fiberglass.		
			For Brown Color, Add	1.97	
			For White Color, Add	9.29	
			For All Other Colors (Except Black, Brown Or White), Add	7.87	
06 51 13 00-0018	LF		3" x 12", Joist, Recycled Plastic Lumber	29.36	2.06
			For Reinforced Structural Plastic Lumber, Add	9.77	
			Note: High density polyethylene combined with fiberglass.		
			For Brown Color, Add	2.38	
			For White Color, Add	11.22	
			For All Other Colors (Except Black, Brown Or White), Add	9.50	
06 51 13 00-0019	LF		4" x 4", Joist, Recycled Plastic Lumber	15.06	1.45
			For Reinforced Structural Plastic Lumber, Add	4.81	
			Note: High density polyethylene combined with fiberglass.		
			For Brown Color, Add	1.17	
			For White Color, Add	5.52	
			For All Other Colors (Except Black, Brown Or White), Add	4.68	
06 51 13 00-0020	LF		4" x 6", Joist, Recycled Plastic Lumber	20.65	1.54
			For Reinforced Structural Plastic Lumber, Add	6.83	
			Note: High density polyethylene combined with fiberglass.		
			For Brown Color, Add	1.66	
			For White Color, Add	7.85	
			For All Other Colors (Except Black, Brown Or White), Add	6.65	
06 51 13 00-0021	LF		5" x 5", Joist, Recycled Plastic Lumber	21.65	1.69
			For Reinforced Structural Plastic Lumber, Add	7.12	
			Note: High density polyethylene combined with fiberglass.		
			For Brown Color, Add	1.73	
			For White Color, Add	8.18	
			For All Other Colors (Except Black, Brown Or White), Add	6.93	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0022	LF	6" x 6", Joist, Recycled Plastic Lumber.....	30.35	1.91	
		For Reinforced Structural Plastic Lumber, Add	10.22		
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add	2.49		
		For White Color, Add	11.74		
		For All Other Colors (Except Black, Brown Or White), Add	9.95		
06 51 13 00-0023	LF	6" x 8", Joist, Recycled Plastic Lumber.....	41.89	2.06	
		For Reinforced Structural Plastic Lumber, Add	14.40		
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add	3.50		
		For White Color, Add	16.55		
		For All Other Colors (Except Black, Brown Or White), Add	14.01		
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.....	17.47	3.14	
		For Reinforced Structural Plastic Lumber, Add	4.81		
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add	1.17		
		For White Color, Add	5.52		
		For All Other Colors (Except Black, Brown Or White), Add	4.68		
06 51 13 00-0026	LF	4" x 6", Column, Recycled Plastic Lumber.....	24.80	4.43	
		For Reinforced Structural Plastic Lumber, Add	6.83		
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add	1.66		
		For White Color, Add	7.85		
		For All Other Colors (Except Black, Brown Or White), Add	6.65		
06 51 13 00-0027	LF	5" x 5", Column, Recycled Plastic Lumber.....	26.36	4.97	
		For Reinforced Structural Plastic Lumber, Add	7.12		
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add	1.73		
		For White Color, Add	8.18		
		For All Other Colors (Except Black, Brown Or White), Add	6.93		
06 51 13 00-0028	LF	6" x 6", Column, Recycled Plastic Lumber.....	35.71	5.66	
		For Reinforced Structural Plastic Lumber, Add	10.22		
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add	2.49		
		For White Color, Add	11.74		
		For All Other Colors (Except Black, Brown Or White), Add	9.95		
06 51 13 00-0029	LF	6" x 8", Column, Recycled Plastic Lumber.....	48.87	6.96	
		For Reinforced Structural Plastic Lumber, Add	14.40		
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add	3.50		
		For White Color, Add	16.55		
		For All Other Colors (Except Black, Brown Or White), Add	14.01		
06 51 13 00-0030		Walls, Recycled Plastic Lumber (06 51 13)			
06 51 13 00-0031	LF	2" x 3", Walls, Recycled Plastic Lumber.....	6.64	0.99	
		For Reinforced Structural Plastic Lumber, Add	1.93		
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add	0.47		
		For White Color, Add	2.22		
		For All Other Colors (Except Black, Brown Or White), Add	1.88		
06 51 13 00-0032	LF	2" x 4", Walls, Recycled Plastic Lumber.....	7.62	1.15	
		For Reinforced Structural Plastic Lumber, Add	2.21		
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add	0.54		
		For White Color, Add	2.54		
		For All Other Colors (Except Black, Brown Or White), Add	2.15		
06 51 13 00-0033	LF	2" x 6", Walls, Recycled Plastic Lumber.....	10.60	1.22	
		For Reinforced Structural Plastic Lumber, Add	3.27		
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add	0.80		
		For White Color, Add	3.76		
		For All Other Colors (Except Black, Brown Or White), Add	3.19		
06 51 13 00-0034	LF	2" x 8", Walls, Recycled Plastic Lumber.....	13.62	1.30	
		For Reinforced Structural Plastic Lumber, Add	4.35		
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add	1.06		
		For White Color, Add	5.00		
		For All Other Colors (Except Black, Brown Or White), Add	4.24		
06 51 13 00-0035		Other Shapes, Recycled Plastic Lumber (06 51 13)			
06 51 13 00-0036	LF	5/4" x 4", Other Shapes, Recycled Plastic Lumber.....	6.47	0.87	
		For Reinforced Structural Plastic Lumber, Add	1.90		
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add	0.46		
		For White Color, Add	2.18		
		For All Other Colors (Except Black, Brown Or White), Add	1.85		

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 00-0037	LF	5/4" x 6", Other Shapes, Recycled Plastic Lumber	8.24	0.99
		For Reinforced Structural Plastic Lumber, Add	2.52	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	0.61	
		For White Color, Add	2.90	
		For All Other Colors (Except Black, Brown Or White), Add	2.46	
06 51 13 00-0038	LF	5/4" x 8", Recycled Plastic Lumber	10.78	0.99
		For Reinforced Structural Plastic Lumber, Add	3.46	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	0.84	
		For White Color, Add	3.98	
		For All Other Colors (Except Black, Brown Or White), Add	3.37	
06 51 13 00-0039	LF	1" x 4", Other Shapes, Recycled Plastic Lumber	6.51	0.87
		For Reinforced Structural Plastic Lumber, Add	1.92	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	0.47	
		For White Color, Add	2.20	
		For All Other Colors (Except Black, Brown Or White), Add	1.86	
06 51 13 00-0040	LF	1" x 6", Other Shapes, Recycled Plastic Lumber	7.20	0.99
		For Reinforced Structural Plastic Lumber, Add	2.14	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	0.52	
		For White Color, Add	2.46	
		For All Other Colors (Except Black, Brown Or White), Add	2.08	
06 51 13 00-0041	LF	1" x 6", Tongue And Grooved, Other Shapes, Recycled Plastic Lumber	7.33	0.99
		For Reinforced Structural Plastic Lumber, Add	2.19	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	0.53	
		For White Color, Add	2.51	
		For All Other Colors (Except Black, Brown Or White), Add	2.13	
06 51 13 00-0042	LF	2" x 2", Other Shapes, Recycled Plastic Lumber	4.51	0.84
		For Reinforced Structural Plastic Lumber, Add	1.22	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	0.30	
		For White Color, Add	1.40	
		For All Other Colors (Except Black, Brown Or White), Add	1.19	
06 51 13 00-0043	LF	2" x 3", Other Shapes, Recycled Plastic Lumber	6.64	0.99
		For Reinforced Structural Plastic Lumber, Add	1.93	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	0.47	
		For White Color, Add	2.22	
		For All Other Colors (Except Black, Brown Or White), Add	1.88	
06 51 13 00-0044	LF	2" x 4", Other Shapes, Recycled Plastic Lumber	7.62	1.15
		For Reinforced Structural Plastic Lumber, Add	2.21	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	0.54	
		For White Color, Add	2.54	
		For All Other Colors (Except Black, Brown Or White), Add	2.15	
06 51 13 00-0045	LF	2" x 6", Other Shapes, Recycled Plastic Lumber	10.60	1.22
		For Reinforced Structural Plastic Lumber, Add	3.27	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	0.80	
		For White Color, Add	3.76	
		For All Other Colors (Except Black, Brown Or White), Add	3.19	
06 51 13 00-0046	LF	2" x 8", Other Shapes, Recycled Plastic Lumber	13.62	1.30
		For Reinforced Structural Plastic Lumber, Add	4.35	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	1.06	
		For White Color, Add	5.00	
		For All Other Colors (Except Black, Brown Or White), Add	4.24	
06 51 13 00-0047	LF	2" x 10", Other Shapes, Recycled Plastic Lumber	16.37	1.37
		For Reinforced Structural Plastic Lumber, Add	5.33	
		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	5.19	
06 51 13 00-0048	LF	2" x 12", Other Shapes, Recycled Plastic Lumber	19.78	1.45
		For Reinforced Structural Plastic Lumber, Add	6.56	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	1.59	
		For White Color, Add	7.53	
		For All Other Colors (Except Black, Brown Or White), Add	6.38	
06 51 13 00-0049	LF	3" x 4", Other Shapes, Recycled Plastic Lumber	10.90	1.34
		For Reinforced Structural Plastic Lumber, Add	3.32	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	0.81	
		For White Color, Add	3.82	
		For All Other Colors (Except Black, Brown Or White), Add	3.23	
06 51 13 00-0050	LF	3" x 6", Other Shapes, Recycled Plastic Lumber	15.98	1.43
		For Reinforced Structural Plastic Lumber, Add	5.16	
		Note: High density polyethylene combined with fiberglass.		
		For Brown Color, Add	1.25	
		For White Color, Add	5.92	
		For All Other Colors (Except Black, Brown Or White), Add	5.02	



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 00-0051	LF	3" x 8", Other Shapes, Recycled Plastic Lumber	20.81	1.54
			For Reinforced Structural Plastic Lumber, Add	6.90	
			Note: High density polyethylene combined with fiberglass.		
			For Brown Color, Add	1.68	
			For White Color, Add	7.92	
			For All Other Colors (Except Black, Brown Or White), Add	6.71	
06 51	13 00-0052	LF	3" x 10", Other Shapes, Recycled Plastic Lumber	24.15	1.61
			For Reinforced Structural Plastic Lumber, Add	8.08	
			Note: High density polyethylene combined with fiberglass.		
			For Brown Color, Add	1.97	
			For White Color, Add	9.29	
			For All Other Colors (Except Black, Brown Or White), Add	7.87	
06 51	13 00-0053	LF	3" x 12", Other Shapes, Recycled Plastic Lumber	29.36	2.06
			For Reinforced Structural Plastic Lumber, Add	9.77	
			Note: High density polyethylene combined with fiberglass.		
			For Brown Color, Add	2.38	
			For White Color, Add	11.22	
			For All Other Colors (Except Black, Brown Or White), Add	9.50	
06 51	13 00-0054	LF	4" x 4", Other Shapes, Recycled Plastic Lumber	15.06	1.45
			For Reinforced Structural Plastic Lumber, Add	4.81	
			Note: High density polyethylene combined with fiberglass.		
			For Brown Color, Add	1.17	
			For White Color, Add	5.52	
			For All Other Colors (Except Black, Brown Or White), Add	4.68	
06 51	13 00-0055	LF	4" x 6", Other Shapes, Recycled Plastic Lumber	20.65	1.54
			For Reinforced Structural Plastic Lumber, Add	6.83	
			Note: High density polyethylene combined with fiberglass.		
			For Brown Color, Add	1.66	
			For White Color, Add	7.85	
			For All Other Colors (Except Black, Brown Or White), Add	6.65	
06 51	13 00-0056	LF	4" x 8", Other Shapes, Recycled Plastic Lumber	27.76	1.66
			For Reinforced Structural Plastic Lumber, Add	9.39	
			Note: High density polyethylene combined with fiberglass.		
			For Brown Color, Add	2.29	
			For White Color, Add	10.79	
			For All Other Colors (Except Black, Brown Or White), Add	9.14	
06 51	13 00-0057	LF	5" x 5", Other Shapes, Recycled Plastic Lumber	21.65	1.69
			For Reinforced Structural Plastic Lumber, Add	7.12	
			Note: High density polyethylene combined with fiberglass.		
			For Brown Color, Add	1.73	
			For White Color, Add	8.18	
			For All Other Colors (Except Black, Brown Or White), Add	6.93	
06 51	13 00-0058	LF	6" x 6", Other Shapes, Recycled Plastic Lumber	30.35	1.91
			For Reinforced Structural Plastic Lumber, Add	10.22	
			Note: High density polyethylene combined with fiberglass.		
			For Brown Color, Add	2.49	
			For White Color, Add	11.74	
			For All Other Colors (Except Black, Brown Or White), Add	9.95	
06 51	13 00-0059	LF	6" x 8", Other Shapes, Recycled Plastic Lumber	41.89	2.06
			For Reinforced Structural Plastic Lumber, Add	14.40	
			Note: High density polyethylene combined with fiberglass.		
			For Brown Color, Add	3.50	
			For White Color, Add	16.55	
			For All Other Colors (Except Black, Brown Or White), Add	14.01	
06 51	13 00-0060	LF	6" x 12", Other Shapes, Recycled Plastic Lumber	59.14	2.30
			For Reinforced Structural Plastic Lumber, Add	20.67	
			Note: High density polyethylene combined with fiberglass.		
			For Brown Color, Add	5.03	
			For White Color, Add	23.74	
			For All Other Colors (Except Black, Brown Or White), Add	20.11	
06 51	13 00-0061	LF	8" x 8", Other Shapes, Recycled Plastic Lumber	52.58	2.21
			For Reinforced Structural Plastic Lumber, Add	18.29	
			Note: High density polyethylene combined with fiberglass.		
			For Brown Color, Add	4.45	
			For White Color, Add	21.01	
			For All Other Colors (Except Black, Brown Or White), Add	17.79	
06 51	13 00-0062	LF	8" x 10", Other Shapes, Recycled Plastic Lumber	89.83	2.30
			For Reinforced Structural Plastic Lumber, Add	32.02	
			Note: High density polyethylene combined with fiberglass.		
			For Brown Color, Add	7.79	
			For White Color, Add	36.78	
			For All Other Colors (Except Black, Brown Or White), Add	31.16	
06 51	13 00-0063	LF	10" x 10", Other Shapes, Recycled Plastic Lumber	124.62	2.41
			For Reinforced Structural Plastic Lumber, Add	44.84	
			Note: High density polyethylene combined with fiberglass.		
			For Brown Color, Add	10.91	
			For White Color, Add	51.51	
			For All Other Colors (Except Black, Brown Or White), Add	43.63	
06 51	13 00-0064	LF	2" Diameter, Other Shapes, Recycled Plastic Lumber	4.83	0.76
			For Reinforced Structural Plastic Lumber, Add	1.38	
			Note: High density polyethylene combined with fiberglass.		
			For Brown Color, Add	0.34	
			For White Color, Add	1.59	
			For All Other Colors (Except Black, Brown Or White), Add	1.34	

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 00-0065	LF	3-1/2" Diameter, Other Shapes, Recycled Plastic Lumber	13.85	0.99	
		For Reinforced Structural Plastic Lumber, Add	4.60		
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add	1.12		
		For White Color, Add	5.28		
		For All Other Colors (Except Black, Brown Or White), Add	4.47		
06 51 13 00-0066	LF	4" Diameter, Other Shapes, Recycled Plastic Lumber	15.27	1.15	
		For Reinforced Structural Plastic Lumber, Add	5.04		
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add	1.23		
		For White Color, Add	5.79		
		For All Other Colors (Except Black, Brown Or White), Add	4.91		
06 51 13 00-0067	LF	5" Diameter, Other Shapes, Recycled Plastic Lumber	18.91	1.37	
		For Reinforced Structural Plastic Lumber, Add	6.27		
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add	1.53		
		For White Color, Add	7.20		
		For All Other Colors (Except Black, Brown Or White), Add	6.10		
06 51 13 00-0068	LF	6" Diameter, Other Shapes, Recycled Plastic Lumber	41.85	1.61	
		For Reinforced Structural Plastic Lumber, Add	14.63		
		Note: High density polyethylene combined with fiberglass.			
		For Brown Color, Add	3.56		
		For White Color, Add	16.81		
		For All Other Colors (Except Black, Brown Or White), Add	14.24		
06 51 13 00-0069	SF	1/8" Thick, Other Shapes, Recycled Plastic Sheeting	3.90	0.84	
06 51 13 00-0070	SF	1/4" Thick, Other Shapes, Recycled Plastic Sheeting	5.71	0.87	
06 51 13 00-0071	SF	3/8" Thick, Other Shapes, Recycled Plastic Sheeting	8.24	0.93	
06 51 13 00-0072	SF	1/2" Thick, Other Shapes, Recycled Plastic Sheeting	10.50	0.97	

06 51 23 Plastic Channel and Shapes (06 51)**06 51 23 00-0001 Channel (06 51 23)**

06 51 23 00-0002	LF	1-5/8" x 1-5/8" Plastic Polyester Channel (B-Line BFP22)	18.84	2.43	
06 51 23 00-0003	LF	1-5/8" x 1-5/8" Plastic Polyester Channel (B-Line BFP22H1-7/8)	34.26	2.43	
06 51 23 00-0004	LF	1-5/8" x 1-5/8" Plastic Polyester Channel (B-Line BFP22SH)	34.26	2.43	
06 51 23 00-0005	LF	1-5/8" x 1-5/8" Plastic Polyester Channel (B-Line BFP22A)	44.54	2.43	
06 51 23 00-0006	LF	1-5/8" x 1-5/8" Vinyl Ester Resin Channel (B-Line BFV22)	23.36	2.43	
06 51 23 00-0007	LF	1-5/8" x 1-5/8" Vinyl Ester Resin Channel (B-Line BFV22H1-7/8)	38.99	2.43	
06 51 23 00-0008	LF	1-5/8" x 1-5/8" Vinyl Ester Resin Channel (B-Line BFV22SH)	38.99	2.43	
06 51 23 00-0009	LF	1-5/8" x 1-5/8" Vinyl Ester Resin Channel (B-Line BFV22A)	48.86	2.43	
06 51 23 00-0010	LF	1-5/8" x 1" Plastic Polyester Channel (B-Line BFP42)	19.05	2.43	
06 51 23 00-0011	LF	1-5/8" x 1" Plastic Polyester Channel (B-Line BFP42H1-7/8)	29.94	2.43	
06 51 23 00-0012	LF	1-5/8" x 1" Plastic Polyester Channel (B-Line BFP42SH)	29.94	2.43	
06 51 23 00-0013	LF	1-5/8" x 1" Plastic Polyester Channel (B-Line BFP42A)	40.22	2.43	
06 51 23 00-0014	LF	1-5/8" x 1" Vinyl Ester Resin Channel (B-Line BFV42)	22.95	2.43	
06 51 23 00-0015	LF	1-5/8" x 1" Vinyl Ester Resin Channel (B-Line BFV42H1-7/8)	34.26	2.43	
06 51 23 00-0016	LF	1-5/8" x 1" Vinyl Ester Resin Channel (B-Line BFV42SH)	34.26	2.43	
06 51 23 00-0017	LF	1-5/8" x 1" Vinyl Ester Resin Channel (B-Line BFV42A)	42.07	2.43	

06 51 33 Carbon Fiber Plates (06 51)**06 51 33 00-0001 Carbon Fiber Plates (06 51 33)**

Note: Outer Material: 2x2 Twill Carbon Fiber Prepreg, Inner Material: 0/90 (Balanced) Unidirectional Carbon Fiber Prepreg, Exterior Finish: Matte/Matte

06 51 33 00-0002	EA	6" x 6", 0.039" Thickness, Carbon Fiber Plates	19.00		
06 51 33 00-0003	EA	6" x 12", 0.039" Thickness, Carbon Fiber Plates	29.99		
06 51 33 00-0004	EA	6" x 24", 0.039" Thickness, Carbon Fiber Plates	51.85		
06 51 33 00-0005	EA	12" x 12", 0.039" Thickness, Carbon Fiber Plates	51.85		
06 51 33 00-0006	EA	12" x 24", 0.039" Thickness, Carbon Fiber Plates	92.54		
06 51 33 00-0007	EA	12" x 48", 0.039" Thickness, Carbon Fiber Plates	171.79		
06 51 33 00-0008	EA	24" x 24", 0.039" Thickness, Carbon Fiber Plates	172.34		
06 51 33 00-0009	EA	24" x 48", 0.039" Thickness, Carbon Fiber Plates	328.42		
06 51 33 00-0010	EA	38" x 48", 0.039" Thickness, Carbon Fiber Plates	493.08		
06 51 33 00-0011	EA	38" x 96", 0.039" Thickness, Carbon Fiber Plates	982.54		
06 51 33 00-0012	EA	6" x 6", 1/16" Thickness, Carbon Fiber Plates	23.83		
06 51 33 00-0013	EA	6" x 12", 1/16" Thickness, Carbon Fiber Plates	42.08		
06 51 33 00-0014	EA	6" x 24", 1/16" Thickness, Carbon Fiber Plates	72.40		
06 51 33 00-0015	EA	12" x 12", 1/16" Thickness, Carbon Fiber Plates	72.40		
06 51 33 00-0016	EA	12" x 24", 1/16" Thickness, Carbon Fiber Plates	128.79		
06 51 33 00-0017	EA	12" x 48", 1/16" Thickness, Carbon Fiber Plates	243.08		
06 51 33 00-0018	EA	24" x 24", 1/16" Thickness, Carbon Fiber Plates	243.63		
06 51 33 00-0019	EA	24" x 48", 1/16" Thickness, Carbon Fiber Plates	461.34		
06 51 33 00-0020	EA	38" x 48", 1/16" Thickness, Carbon Fiber Plates	698.51		
06 51 33 00-0021	EA	38" x 96", 1/16" Thickness, Carbon Fiber Plates	1,393.39		
06 51 33 00-0022	EA	6" x 6", 0.079" Thickness, Carbon Fiber Plates	28.66		
06 51 33 00-0023	EA	6" x 12", 0.079" Thickness, Carbon Fiber Plates	46.91		
06 51 33 00-0024	EA	6" x 24", 0.079" Thickness, Carbon Fiber Plates	83.27		
06 51 33 00-0025	EA	12" x 12", 0.079" Thickness, Carbon Fiber Plates	83.27		
06 51 33 00-0026	EA	12" x 24", 0.079" Thickness, Carbon Fiber Plates	166.25		
06 51 33 00-0027	EA	12" x 48", 0.079" Thickness, Carbon Fiber Plates	318.00		
06 51 33 00-0028	EA	24" x 24", 0.079" Thickness, Carbon Fiber Plates	318.55		



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 33 00-0029	EA	24" x 48", 0.079" Thickness, Carbon Fiber Plates	527.80	
06 51 33 00-0030	EA	38" x 48", 0.079" Thickness, Carbon Fiber Plates	802.43	
06 51 33 00-0031	EA	38" x 96", 0.079" Thickness, Carbon Fiber Plates	1,590.36	
06 51 33 00-0032	EA	6" x 6", 3/32" Thickness, Carbon Fiber Plates	32.29	
06 51 33 00-0033	EA	6" x 12", 3/32" Thickness, Carbon Fiber Plates	55.37	
06 51 33 00-0034	EA	6" x 24", 3/32" Thickness, Carbon Fiber Plates	91.73	
06 51 33 00-0035	EA	12" x 12", 3/32" Thickness, Carbon Fiber Plates	91.73	
06 51 33 00-0036	EA	12" x 24", 3/32" Thickness, Carbon Fiber Plates	168.67	
06 51 33 00-0037	EA	12" x 48", 3/32" Thickness, Carbon Fiber Plates	316.80	
06 51 33 00-0038	EA	24" x 24", 3/32" Thickness, Carbon Fiber Plates	317.35	
06 51 33 00-0039	EA	24" x 48", 3/32" Thickness, Carbon Fiber Plates	606.35	
06 51 33 00-0040	EA	38" x 48", 3/32" Thickness, Carbon Fiber Plates	917.23	
06 51 33 00-0041	EA	38" x 96", 3/32" Thickness, Carbon Fiber Plates	1,828.42	
06 51 33 00-0042	EA	6" x 6", 0.119" Thickness, Carbon Fiber Plates	37.12	
06 51 33 00-0043	EA	6" x 12", 0.119" Thickness, Carbon Fiber Plates	67.45	
06 51 33 00-0044	EA	6" x 24", 0.119" Thickness, Carbon Fiber Plates	108.65	
06 51 33 00-0045	EA	12" x 12", 0.119" Thickness, Carbon Fiber Plates	108.65	
06 51 33 00-0046	EA	12" x 24", 0.119" Thickness, Carbon Fiber Plates	195.25	
06 51 33 00-0047	EA	12" x 48", 0.119" Thickness, Carbon Fiber Plates	372.38	
06 51 33 00-0048	EA	24" x 24", 0.119" Thickness, Carbon Fiber Plates	372.93	
06 51 33 00-0049	EA	24" x 48", 0.119" Thickness, Carbon Fiber Plates	707.85	
06 51 33 00-0050	EA	38" x 48", 0.119" Thickness, Carbon Fiber Plates	1,073.11	
06 51 33 00-0051	EA	38" x 96", 0.119" Thickness, Carbon Fiber Plates	2,136.56	
06 51 33 00-0052	EA	6" x 6", 1/8" Thickness, Carbon Fiber Plates	35.91	
06 51 33 00-0053	EA	6" x 12", 1/8" Thickness, Carbon Fiber Plates	63.83	
06 51 33 00-0054	EA	6" x 24", 1/8" Thickness, Carbon Fiber Plates	108.65	
06 51 33 00-0055	EA	12" x 12", 1/8" Thickness, Carbon Fiber Plates	108.65	
06 51 33 00-0056	EA	12" x 24", 1/8" Thickness, Carbon Fiber Plates	181.96	
06 51 33 00-0057	EA	12" x 48", 1/8" Thickness, Carbon Fiber Plates	353.05	
06 51 33 00-0058	EA	24" x 24", 1/8" Thickness, Carbon Fiber Plates	353.60	
06 51 33 00-0059	EA	24" x 48", 1/8" Thickness, Carbon Fiber Plates	671.60	
06 51 33 00-0060	EA	38" x 48", 1/8" Thickness, Carbon Fiber Plates	1,061.03	
06 51 33 00-0061	EA	38" x 96", 1/8" Thickness, Carbon Fiber Plates	2,074.93	
06 51 33 00-0062	EA	6" x 6", 0.157" Thickness, Carbon Fiber Plates	44.37	
06 51 33 00-0063	EA	6" x 12", 0.157" Thickness, Carbon Fiber Plates	87.99	
06 51 33 00-0064	EA	6" x 24", 0.157" Thickness, Carbon Fiber Plates	132.82	
06 51 33 00-0065	EA	12" x 12", 0.157" Thickness, Carbon Fiber Plates	132.82	
06 51 33 00-0066	EA	12" x 24", 0.157" Thickness, Carbon Fiber Plates	230.30	
06 51 33 00-0067	EA	12" x 48", 0.157" Thickness, Carbon Fiber Plates	438.84	
06 51 33 00-0068	EA	24" x 24", 0.157" Thickness, Carbon Fiber Plates	439.39	
06 51 33 00-0069	EA	24" x 48", 0.157" Thickness, Carbon Fiber Plates	840.78	
06 51 33 00-0070	EA	38" x 48", 0.157" Thickness, Carbon Fiber Plates	1,273.71	
06 51 33 00-0071	EA	38" x 96", 0.157" Thickness, Carbon Fiber Plates	2,541.37	
06 51 33 00-0072	EA	6" x 6", 3/16" Thickness, Carbon Fiber Plates	50.41	
06 51 33 00-0073	EA	6" x 12", 3/16" Thickness, Carbon Fiber Plates	90.41	
06 51 33 00-0074	EA	6" x 24", 3/16" Thickness, Carbon Fiber Plates	152.15	
06 51 33 00-0075	EA	12" x 12", 3/16" Thickness, Carbon Fiber Plates	152.15	
06 51 33 00-0076	EA	12" x 24", 3/16" Thickness, Carbon Fiber Plates	261.72	
06 51 33 00-0077	EA	12" x 48", 3/16" Thickness, Carbon Fiber Plates	505.31	
06 51 33 00-0078	EA	24" x 24", 3/16" Thickness, Carbon Fiber Plates	505.86	
06 51 33 00-0079	EA	24" x 48", 3/16" Thickness, Carbon Fiber Plates	961.62	
06 51 33 00-0080	EA	38" x 48", 3/16" Thickness, Carbon Fiber Plates	1,454.97	
06 51 33 00-0081	EA	38" x 96", 3/16" Thickness, Carbon Fiber Plates	2,891.81	
06 51 33 00-0082	EA	6" x 6", 0.197" Thickness, Carbon Fiber Plates	51.62	
06 51 33 00-0083	EA	6" x 12", 0.197" Thickness, Carbon Fiber Plates	96.45	
06 51 33 00-0084	EA	6" x 24", 0.197" Thickness, Carbon Fiber Plates	165.44	
06 51 33 00-0085	EA	12" x 12", 0.197" Thickness, Carbon Fiber Plates	144.90	
06 51 33 00-0086	EA	12" x 24", 0.197" Thickness, Carbon Fiber Plates	290.72	
06 51 33 00-0087	EA	12" x 48", 0.197" Thickness, Carbon Fiber Plates	510.14	
06 51 33 00-0088	EA	24" x 24", 0.197" Thickness, Carbon Fiber Plates	510.69	
06 51 33 00-0089	EA	24" x 48", 0.197" Thickness, Carbon Fiber Plates	968.87	
06 51 33 00-0090	EA	38" x 48", 0.197" Thickness, Carbon Fiber Plates	1,471.89	
06 51 33 00-0091	EA	38" x 96", 0.197" Thickness, Carbon Fiber Plates	2,922.02	
06 51 33 00-0092	EA	6" x 6", 1/4" Thickness, Carbon Fiber Plates	60.08	
06 51 33 00-0093	EA	6" x 12", 1/4" Thickness, Carbon Fiber Plates	108.54	
06 51 33 00-0094	EA	6" x 24", 1/4" Thickness, Carbon Fiber Plates	181.15	
06 51 33 00-0095	EA	12" x 12", 1/4" Thickness, Carbon Fiber Plates	181.15	
06 51 33 00-0096	EA	12" x 24", 1/4" Thickness, Carbon Fiber Plates	326.97	
06 51 33 00-0097	EA	12" x 48", 1/4" Thickness, Carbon Fiber Plates	624.94	
06 51 33 00-0098	EA	24" x 24", 1/4" Thickness, Carbon Fiber Plates	625.49	
06 51 33 00-0099	EA	24" x 48", 1/4" Thickness, Carbon Fiber Plates	1,191.21	
06 51 33 00-0100	EA	38" x 48", 1/4" Thickness, Carbon Fiber Plates	1,810.24	
06 51 33 00-0101	EA	38" x 96", 1/4" Thickness, Carbon Fiber Plates	3,597.52	

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.....	19.32	6.94

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 00-0003 LF 8" Diameter, Round Fiberglass Column.....	27.35	10.10
06 52 13 00-0004 LF 10" Diameter, Round Fiberglass Column.....	31.70	11.36
06 52 13 00-0005 LF 12" Diameter, Round Fiberglass Column.....	38.74	11.89
06 52 13 00-0006 LF 15" Diameter, Round Fiberglass Column.....	47.13	13.73
06 52 13 00-0007 EA 6" Diameter, Base And Cap For Round Fiberglass Columns	37.18	13.15
06 52 13 00-0008 EA 8" Diameter, Base And Cap For Round Fiberglass Columns	41.11	14.20
06 52 13 00-0009 EA 10" Diameter, Base And Cap For Round Fiberglass Columns	48.27	15.78
06 52 13 00-0010 EA 12" Diameter, Base And Cap For Round Fiberglass Columns	65.77	16.83
06 52 13 00-0011 EA 15" Diameter, Base And Cap For Round Fiberglass Columns	89.27	18.41
06 52 13 00-0012 Fluted Fiberglass Columns (06 52 13)		
06 52 13 00-0013 LF 6" Diameter, Fluted Fiberglass Column	20.39	6.94
06 52 13 00-0014 LF 8" Diameter, Fluted Fiberglass Column	28.77	10.10
06 52 13 00-0015 LF 10" Diameter, Fluted Fiberglass Column	33.49	11.36
06 52 13 00-0016 LF 12" Diameter, Fluted Fiberglass Column	41.76	11.89
06 52 13 00-0017 LF 15" Diameter, Fluted Fiberglass Column	51.06	13.78
06 52 13 00-0018 EA 6" Diameter, Base And Cap For Fluted Fiberglass Columns	39.36	13.15
06 52 13 00-0019 EA 8" Diameter, Base And Cap For Fluted Fiberglass Columns	43.66	14.20
06 52 13 00-0020 EA 10" Diameter, Base And Cap For Fluted Fiberglass Columns	51.61	15.78
06 52 13 00-0021 EA 12" Diameter, Base And Cap For Fluted Fiberglass Columns	72.20	16.83
06 52 13 00-0022 EA 15" Diameter, Base And Cap For Fluted Fiberglass Columns	98.56	18.41
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	146.62	15.78
06 52 13 00-0025 EA 10" Roman Ionic Cap And Base For Fiberglass Columns	194.84	18.41
06 52 13 00-0026 EA 12" Roman Ionic Cap And Base For Fiberglass Columns	248.89	21.04
06 52 13 00-0027 EA 8" Scamozzi Cap And Base For Fiberglass Columns	173.56	15.78
06 52 13 00-0028 EA 10" Scamozzi Cap And Base For Fiberglass Columns	208.68	18.41
06 52 13 00-0029 EA 12" Scamozzi Cap And Base For Fiberglass Columns	302.78	21.04
06 52 13 00-0030 EA 8" Corinthian Cap And Base For Fiberglass Columns	217.25	15.78
06 52 13 00-0031 EA 10" Corinthian Cap And Base For Fiberglass Columns	263.29	18.41
06 52 13 00-0032 EA 12" Corinthian Cap And Base For Fiberglass Columns	347.93	21.04
06 52 13 00-0033 EA 8" Temple Of Winds Cap And Base For Fiberglass Columns	148.80	15.78
06 52 13 00-0034 EA 10" Temple Of Winds Cap And Base For Fiberglass Columns	199.21	18.41
06 52 13 00-0035 EA 12" Temple Of Winds Cap And Base For Fiberglass Columns	253.26	21.04
06 52 13 00-0036 EA 8" Greek Erechtheum Cap And Base For Fiberglass Columns	148.80	15.78
06 52 13 00-0037 EA 10" Greek Erechtheum Cap And Base For Fiberglass Columns	178.82	18.41
06 52 13 00-0038 EA 12" Greek Erechtheum Cap And Base For Fiberglass Columns	235.06	21.04
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 00-0002 LF 1" Thick, 12" Wide, Fiberglass Reinforced Plastic Stair Tread With Safety Nosing, Excluding Stringer	44.37	2.71
06 53 16 00-0003 LF 1-1/2" Thick, 12" Wide, Fiberglass Reinforced Plastic Stair Tread With Safety Nosing, Excluding Stringer	60.17	3.25
06 53 16 00-0004 LF 2" Thick, 12" Wide, Fiberglass Reinforced Plastic Stair Tread With Safety Nosing, Excluding Stringer	87.99	3.58
06 60 Plastic Fabrications (06 50)		
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	6.11	2.16
06 65 00 00-0004 LF 4-1/2" High, Base, Plastic Molding	7.47	2.71
06 65 00 00-0005 LF 3/4" x 1", Base Shoe, Plastic Molding	5.73	2.28
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	5.66	2.16
06 65 00 00-0008 LF 1" x 4" Cornice, Plastic Molding	6.91	2.28
06 65 00 00-0009 LF 1" x 6" Cornice, Plastic Molding	9.26	2.39
06 65 00 00-0010 LF 1" x 8" Cornice, Plastic Molding	10.59	2.50
06 65 00 00-0011 LF 1" x 10" Cornice, Plastic Molding	12.10	2.61
06 65 00 00-0012 LF 1" x 12" Cornice, Plastic Molding	15.31	2.71
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	9.65	2.16
06 65 00 00-0015 LF 9/16" x 2-1/4" Crown Or Bed, Plastic Molding	12.86	2.71
06 65 00 00-0016 LF 9/16" x 3-1/2" Crown Or Bed, Plastic Molding	13.37	2.71
06 65 00 00-0017 LF 9/16" x 3-5/8" Crown Or Bed, Plastic Molding	13.88	2.71
06 65 00 00-0018 LF 5/8" x 4-1/4" Crown Or Bed, Plastic Molding	18.01	3.25



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 65 00 00-0019	LF		11/16" x 4-5/8" Crown Or Bed, Plastic Molding.....	21.17	3.25
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.....	8.29	2.16
06 65 00 00-0022	LF		5/8" x 2-1/2" Dentil, Plastic Molding.....	9.26	2.16
06 65 00 00-0023	LF		1-3/8" x 3-3/8" Dentil, Plastic Molding.....	11.44	2.16
06 65 00 00-0024	LF		1-1/2" x 4-1/2" Dentil, Plastic Molding.....	15.20	2.16
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.....	3.25	1.20
06 65 00 00-0027	LF		1/2" x 1/2" Cove, Plastic Molding.....	3.51	1.20
06 65 00 00-0028	LF		5/8" x 5/8" Cove, Plastic Molding.....	4.59	1.41
06 65 00 00-0029	LF		3/4" x 3/4" Cove, Plastic Molding.....	4.59	1.41
06 65 00 00-0030	LF		15/16" x 15/16" Cove, Plastic Molding.....	5.71	1.41
06 65 00 00-0031	LF		9/16" x 1-3/4" Cove, Plastic Molding.....	7.43	1.63
06 65 00 00-0032	LF		11/16" x 2-3/4" Cove, Plastic Molding.....	9.82	1.63
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.....	5.37	1.63
06 65 00 00-0035	LF		5/8" x 2-1/2" Chair Rail, Plastic Molding.....	7.24	2.16
06 65 00 00-0036	LF		5/8" x 3-1/2" Chair Rail, Plastic Molding.....	8.71	2.16
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.....	4.78	1.95
06 65 00 00-0039	LF		1-1/8" Wide, Detailed Door, Plastic Molding.....	4.81	1.95
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.....	5.07	2.28
06 65 00 00-0042	LF		3/4" x 3/4" Quarter Round Trim, Plastic Molding.....	7.07	2.28
06 65 00 00-0043	LF		1-1/4" x 2" Brick Mould, Plastic Molding.....	6.52	2.16
06 65 00 00-0044	LF		1-17/32" x 1-1/2" x 1-3/8" Sill Nose, Plastic Molding.....	7.54	2.16
06 65 00 00-0045	LF		11/16" x 1-5/8" Drip Cap, Plastic Molding.....	5.53	2.16
06 65 00 00-0046	LF		2-3/4" x 2" Water Table, Plastic Molding.....	8.28	2.16
06 65 00 00-0047	LF		3/8" x 2" Garage Door Stop, Plastic Molding.....	6.09	2.16
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.....	4.02	0.87
06 65 00 00-0050	LF		1" x 6" Extruded Polyvinyl Chloride (PVC) Trimboard.....	5.77	0.98
06 65 00 00-0051	LF		1" x 8" Extruded Polyvinyl Chloride (PVC) Trimboard.....	7.56	1.09
06 65 00 00-0052	LF		1" x 10" Extruded Polyvinyl Chloride (PVC) Trimboard.....	9.10	1.11
06 65 00 00-0053	LF		1" x 12" Extruded Polyvinyl Chloride (PVC) Trimboard.....	10.80	1.14
06 65 00 00-0054	LF		5/4" x 4" Extruded Polyvinyl Chloride (PVC) Trimboard.....	4.93	0.87
06 65 00 00-0055	LF		5/4" x 6" Extruded Polyvinyl Chloride (PVC) Trimboard.....	7.17	0.98
06 65 00 00-0056	LF		5/4" x 8" Extruded Polyvinyl Chloride (PVC) Trimboard.....	9.12	1.09
06 65 00 00-0057	LF		5/4" x 10" Extruded Polyvinyl Chloride (PVC) Trimboard.....	11.24	1.11
06 65 00 00-0058	LF		5/4" x 12" Extruded Polyvinyl Chloride (PVC) Trimboard.....	13.19	1.14
06 65 00 00-0059	LF		3-1/2" x 3-1/2" Extruded Polyvinyl Chloride (PVC) Corner Board.....	10.75	1.11
06 65 00 00-0060	LF		5-1/2" x 5-1/2" Extruded Polyvinyl Chloride (PVC) Corner Board.....	14.26	1.14
06 65 00 00-0061	SF		1/2" Smooth/Wood Grain Reversible Extruded Polyvinyl Chloride (PVC) Sheets.....	7.53	0.98
06 65 00 00-0062	SF		3/4" Smooth/Wood Grain Reversible Extruded Polyvinyl Chloride (PVC) Sheets.....	10.84	1.09
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.....	46.48	1.95
06 74 13 00-0004	SF		1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Meniscus Top.....	45.13	1.95
06 74 13 00-0005	SF		1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Meniscus Top.....	59.04	1.95
06 74 13 00-0006	SF		2" Molded Fiberglass Grate, 2" x 2" Mesh, Vi-Corr Resin, Meniscus Top.....	63.86	2.49
06 74 13 00-0007	SF		1" Molded Fiberglass Grating, 1" x 4" Mesh, Vi-Corr Resin, Applied Grit Top.....	48.80	1.95
06 74 13 00-0008	SF		1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Applied Grit Top.....	47.40	1.95
06 74 13 00-0009	SF		1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Applied Grit Top.....	62.39	1.95
06 74 13 00-0010	SF		2" Molded Fiberglass Grating, 2" x 2" Mesh, Vi-Corr Resin, Applied Grit Top.....	67.02	2.49
06 74 13 00-0011	SF		1/4" Vi-Corr Resin Polyester Resin, Fiberplate Covering.....	44.10	1.56
06 74 13 00-0012	SF		1/2" Vi-Corr Resin Polyester Resin, Fiberplate Covering.....	71.65	1.71
06 74 13 00-0013	SF		3/4 Vi-Corr Resin Polyester Resin, Fiberplate Covering.....	98.29	1.88

06 Wood, Plastics, and Composites**06 70 Structural Composites****06 74 Composite Gratings**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

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	42.71 1.95
06 74 13 00-0016	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top	39.97 1.95
06 74 13 00-0017	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top	51.57 1.95
06 74 13 00-0018	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top	55.57 2.49
06 74 13 00-0019	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top	44.61 1.95
06 74 13 00-0020	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top	41.05 1.95
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	56.98 2.49
06 74 13 00-0022	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top	58.70 2.49
06 74 13 00-0023	SF	1/4" IFR Fire Retardant Isophthalic Resin Polyester Resin, Fiberplate Covering	38.83 1.56
06 74 13 00-0024	SF	1/2" IFR Fire Retardant Isophthalic Resin Polyester Resin, Fiberplate Covering	55.10 1.71
06 74 13 00-0025	SF	3/4" IFR Fire Retardant Isophthalic Resin Polyester Resin, Fiberplate Covering	75.80 1.88
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	36.17 1.95
06 74 13 00-0028	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Meniscus Top	34.72 1.95
06 74 13 00-0029	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Meniscus Top	42.19 1.95
06 74 13 00-0030	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, Corvex Polyester Resin, Meniscus Top	48.46 2.49
06 74 13 00-0031	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, Corvex Polyester Resin, Applied Grit Top	38.57 1.95
06 74 13 00-0032	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Applied Grit Top	37.11 1.95
06 74 13 00-0033	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Applied Grit Top	44.98 1.95
06 74 13 00-0034	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, Corvex Polyester Resin, Applied Grit Top	50.85 2.49
06 74 13 00-0035	SF	1/4" Corvex Polyester Resin, Fiberplate Covering	34.24 1.56
06 74 13 00-0036	SF	1/2" Corvex Polyester Resin, Fiberplate Covering	54.85 1.71
06 74 13 00-0037	SF	3/4" Corvex Polyester Resin, Fiberplate Covering	76.20 1.88
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	53.44 1.95
06 74 13 00-0040	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Meniscus Top	51.87 1.95
06 74 13 00-0041	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Meniscus Top	71.18 1.95
06 74 13 00-0042	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, XFR Extra Fire Retardant, Meniscus Top	75.97 2.49
06 74 13 00-0043	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, XFR Extra Fire Retardant, Applied Grit Top	55.79 1.95
06 74 13 00-0044	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Applied Grit Top	54.26 1.95
06 74 13 00-0045	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Applied Grit Top	73.97 1.95
06 74 13 00-0046	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, XFR Extra Fire Retardant, Applied Grit Top	79.35 2.49
06 74 13 00-0047	SF	1/4" XFR Extra Fire Retardant Resin, Fiberplate Covering	50.57 1.56
06 74 13 00-0048	SF	1/2" XFR Extra Fire Retardant Resin, Fiberplate Covering	82.00 1.71
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 Extremely Low Smoke Resin, Meniscus Top	54.82 1.95
06 74 13 00-0051	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremely Low Smoke Resin, Meniscus Top	53.14 1.95
06 74 13 00-0052	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremely Low Smoke Resin, Meniscus Top	69.26 1.95
06 74 13 00-0053	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, ELS Extremely Low Smoke Resin, Meniscus Top	74.15 2.49
06 74 13 00-0054	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, ELS Extremely Low Smoke Resin, Applied Grit Top	57.00 1.95
06 74 13 00-0055	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremely Low Smoke Resin, Applied Grit Top	55.62 1.95
06 74 13 00-0056	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremely Low Smoke Resin, Applied Grit Top	71.95 1.95
06 74 13 00-0057	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, ELS Extremely Low Smoke Resin, Applied Grit Top	76.87 2.49
06 74 13 00-0058	SF	1/4" ELS Extremely Low Smoke Resin, Fiberplate Covering	56.57 1.56
06 74 13 00-0059	SF	1/2" ELS Extremely Low Smoke Resin, Fiberplate Covering	102.28 1.71
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	38.84 2.49
06 74 13 00-0064	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	34.41 1.95
06 74 13 00-0065	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin	43.98 2.49
06 74 13 00-0066	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin	40.63 1.95
06 74 13 00-0067	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 38% Open, ISOFR Isophthalic Polyester Resin	30.18 2.49
06 74 13 00-0068	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 38% Open, ISOFR Isophthalic Polyester Resin	26.68 1.95
06 74 13 00-0069	SF	1" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin	34.65 2.49
06 74 13 00-0070	SF	1" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin	31.23 1.95
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	43.93 2.49
06 74 13 00-0073	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	39.62 1.95
06 74 13 00-0074	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin	49.44 2.49
06 74 13 00-0075	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin	46.35 1.95
06 74 13 00-0076	SF	1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin	38.56 2.49
06 74 13 00-0077	SF	1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin	35.14 1.95



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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	37.94	2.49
06 74 13 00-0080	SF		2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin	42.05	2.49
06 74 13 00-0081	SF		2" Pultruded Fiberglass Grate, 6" Bar Space, 33% Open, ISOFR Isophthalic Polyester Resin	50.97	2.49
06 74 13 00-0082	SF		2" Pultruded Fiberglass Grate, 12" Bar Space, 33% Open, ISOFR Isophthalic Polyester Resin	48.06	2.49
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	41.16	1.95
06 74 13 00-0086	SF		1" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, VERF Vinyl Ester Resin	36.74	1.95
06 74 13 00-0087	SF		1" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, VERF Vinyl Ester Resin	46.35	1.95
06 74 13 00-0088	SF		1" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, VERF Vinyl Ester Resin	53.30	1.95
06 74 13 00-0089	SF		1" Pultruded Fiberglass Grate, 6" Bar Space, 38% Open, VERF Vinyl Ester Resin	31.46	1.95
06 74 13 00-0090	SF		1" Pultruded Fiberglass Grate, 12" Bar Space, 38% Open, VERF Vinyl Ester Resin	28.06	1.95
06 74 13 00-0091	SF		1" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, VERF Vinyl Ester Resin	36.20	1.95
06 74 13 00-0092	SF		1" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, VERF Vinyl Ester Resin	33.17	1.95
06 74 13 00-0093			1-1/2" VERF 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, VERF Vinyl Ester Resin	45.24	1.95
06 74 13 00-0095	SF		1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, VERF Vinyl Ester Resin	40.88	1.95
06 74 13 00-0096	SF		1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, VERF Vinyl Ester Resin	51.80	1.95
06 74 13 00-0097	SF		1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, VERF Vinyl Ester Resin	48.33	1.95
06 74 13 00-0098	SF		1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, VERF Vinyl Ester Resin	40.60	1.95
06 74 13 00-0099	SF		1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, VERF Vinyl Ester Resin	37.35	1.95
06 74 13 00-0100			2" VERF Vinyl Ester Resin System (06 74 13 00-0083)		
06 74 13 00-0101	SF		2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, VERF Vinyl Ester Resin	39.89	2.49
06 74 13 00-0102	SF		2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, VERF Vinyl Ester Resin	36.73	2.49
06 74 13 00-0103	SF		2" Pultruded Fiberglass Grate, 6" Bar Space, 33% Open, VERF Vinyl Ester Resin	53.71	2.49
06 74 13 00-0104	SF		2" Pultruded Fiberglass Grate, 12" Bar Space, 33% Open, VERF Vinyl Ester Resin	52.14	2.49
06 80			Composite Fabrications (06)		
06 81			Composite Railings (06 80)		
06 81 13			Glass-Fiber-Reinforced Plastic Railings (06 81)		
06 81 13 00-0001			Fiberglass Handrail Assemblies (06 81 13) Note: Assembly includes posts, rails, kick plates, fasteners and accessories. Not to be used in conjunction with handrail components.		
06 81 13 00-0002	LF		Fiberglass Side Mount Handrail, 2-1/8" Square Tube Posts Up To 42" High, Set 5' On Center, Two Horizontal 1-3/4" Square Tube Rails, 4" Kick Plate, Stainless Steel Fasteners And Accessories Assembly	77.62	21.67
			For Each LF Of Anchoring Posts Into Masonry Or Concrete, Add	3.00	
			For Sloped Floor Installation, Add	6.05	
			For Stair Installation (Without Kick Plates), Add	11.24	
06 81 13 00-0003	LF		Fiberglass Top Mount Handrail, 2-1/8" Square Tube Posts Up To 42" High, Set 5' On Center, Two Horizontal 1-3/4" Square Tube Rails, 4" Kick Plate, Stainless Steel Fasteners And Accessories Assembly	88.36	20.31
06 81 13 00-0004	LF		Fiberglass Handrail For Stairs, 2-1/8" Square Tube Posts Up To 42" High, Set 5' On Center, Two Horizontal 1-3/4" Square Tube Rails, Stainless Steel Fasteners And Accessories Assembly	82.95	27.09
06 81 13 00-0005			Fiberglass Handrail Components (06 81 13) Note: This section is only to be used when entire handrail assembly is not required.		
06 81 13 00-0006	LF		Fiberglass Kick Plate (12' Sections) With Splice Kit	18.24	5.42
06 81 13 00-0007	LF		Fiberglass Kick Plate (24' sections) With Splice Kit	16.19	5.42
06 81 13 00-0008	EA		Fiberglass Side Mount Post For Handrail	177.77	32.50
06 81 13 00-0009	EA		Fiberglass Top Mount Post For Handrail With Stainless Steel Base	207.25	21.67
06 81 13 00-0010	LF		Fiberglass Square Tube For Horizontal Handrail, ISOFR 1-3/4" x 1/8" (12' sections)	19.80	6.50
06 81 13 00-0011	LF		Fiberglass Square Tube For Horizontal Handrail, ISOFR 1-3/4" x 1/8" (24' sections)	18.73	6.50
06 81 13 00-0012	LF		Fiberglass Square Tube For Horizontal Handrail, ISOFR 2-1/8" x 3/16" (21' sections)	20.32	6.50
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	9.47	3.25
06 82 00 00-0004	LF		1" x 1" x 1/8" Thick Fiberglass Angle, VERF Vinyl Ester Resin	9.96	3.25
06 82 00 00-0005	LF		3" x 3" x 1/4" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	18.13	3.90
06 82 00 00-0006	LF		3" x 3" x 1/4" Thick Fiberglass Angle, VERF Vinyl Ester Resin	20.10	3.90
06 82 00 00-0007	LF		4" x 4" x 1/4" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	20.23	3.90
06 82 00 00-0008	LF		4" x 4" x 1/4" Thick Fiberglass Angle, VERF Vinyl Ester Resin	21.66	3.90
06 82 00 00-0009	LF		4" x 4" x 3/8" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	23.58	3.90

06 Wood, Plastics, and Composites**06 80 Composite Fabrications****06 82 Composite Trim**

MINOR CSI UOM DESCRIPTION				TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 82 00 00-0010	LF	4" x 4" x 3/8" Thick Fiberglass Angle, VERF Vinyl Ester Resin.....	26.63	3.90	
06 82 00 00-0011	LF	6" x 6" x 1/2" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	64.65	4.88	
06 82 00 00-0012	LF	6" x 6" x 1/2" Thick Fiberglass Angle, VERF Vinyl Ester Resin.....	74.50	4.88	
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.....	10.91	4.88	
06 82 00 00-0015	LF	3" x 1" x 1/4" Fiberglass Channel, VERF Vinyl Ester Resin	11.40	4.88	
06 82 00 00-0016	LF	4" x 1 1/8" x 1/4" Fiberglass Channel, ISOFR Isophthalic Polyester Resin.....	23.53	5.52	
06 82 00 00-0017	LF	4" x 1 1/8" x 1/4" Fiberglass Channel, VERF Vinyl Ester Resin	23.53	5.52	
06 82 00 00-0018	LF	6" x 1 11/16" x 3/8" Fiberglass Channel, ISOFR Isophthalic Polyester Resin.....	37.37	5.52	
06 82 00 00-0019	LF	6" x 1 11/16" x 3/8" Fiberglass Channel, VERF Vinyl Ester Resin.....	43.59	5.52	
06 82 00 00-0020	LF	8" x 2 3/16" x 3/8" Fiberglass Channel, ISOFR Isophthalic Polyester Resin.....	35.05	5.52	
06 82 00 00-0021	LF	8" x 2 3/16" x 3/8" Fiberglass Channel, VERF Vinyl Ester Resin	42.34	5.52	
06 82 00 00-0022	LF	10" x 2-3/4" x 1/2" Fiberglass Channel, ISOFR Isophthalic Polyester Resin.....	53.37	7.59	
06 82 00 00-0023	LF	10" x 2-3/4" x 1/2" Fiberglass Channel, VERF Vinyl Ester Resin	61.40	7.59	
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.....	32.09	6.50	
06 82 00 00-0026	LF	4" x 4" x 1/4" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin	35.19	6.50	
06 82 00 00-0027	LF	6" x 6" x 1/4" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin.....	41.15	7.80	
06 82 00 00-0028	LF	6" x 6" x 1/4" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin	42.64	7.80	
06 82 00 00-0029	LF	8" x 8" x 3/8" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin.....	66.90	9.75	
06 82 00 00-0030	LF	8" x 8" x 3/8" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin	84.42	9.75	
06 82 00 00-0031	LF	10" x 10" x 1/2" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin.....	150.47	11.92	
06 82 00 00-0032	LF	10" x 10" x 1/2" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin	169.62	11.92	
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	26.48	5.52	
06 82 00 00-0035	SF	1/8" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin	27.70	5.52	
06 82 00 00-0036	SF	1/4" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin	42.03	6.50	
06 82 00 00-0037	SF	1/4" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin	48.54	6.50	
06 82 00 00-0038	SF	3/8" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin	57.22	7.80	
06 82 00 00-0039	SF	3/8" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin	66.99	7.80	
06 82 00 00-0040	SF	1/2" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin	77.30	9.75	
06 82 00 00-0041	SF	1/2" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin	92.25	9.75	
06 82 00 00-0042 Fiberglass Bars (06 82 00 00-0001)					
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	15.64	3.90	
06 82 00 00-0045	LF	1-1/4" Square Fiberglass Solid Square Bar, ISO Isophthalic Polyester Resin	22.66	5.74	
06 82 00 00-0046	LF	1-1/2" Square Fiberglass Solid Square Bar, ISOFR Isophthalic Polyester Resin	26.62	7.59	
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.....	9.91	3.25	
06 82 00 00-0049	LF	1" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin	21.65	4.88	
06 82 00 00-0050	LF	1" Diameter Fiberglass Solid Round Bar, VERF Vinyl Ester Resin.....	24.61	4.88	
06 82 00 00-0051	LF	1-1/4" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin	32.92	4.88	
06 82 00 00-0052	LF	1-1/2" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin	39.38	5.52	
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.....	11.25	3.25	
06 82 00 00-0056	LF	1" x 1" x 1/8" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin	12.21	3.25	
06 82 00 00-0057	LF	2" x 2" x 1/8" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin.....	16.81	3.90	
06 82 00 00-0058	LF	2" x 2" x 1/8" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin	18.50	3.90	
06 82 00 00-0059	LF	3" x 3" x 1/4" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin.....	32.55	4.88	
06 82 00 00-0060	LF	3" x 3" x 1/4" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin	36.46	4.88	
06 82 00 00-0061	LF	4" x 4" x 1/4" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin.....	38.29	5.85	
06 82 00 00-0062	LF	4" x 4" x 1/4" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin	49.17	5.85	
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	10.74	3.25	
06 82 00 00-0065	LF	1" Diameter x 1/8" Thick Fiberglass Round Tube, VERF Vinyl Ester Resin.....	11.18	3.25	
06 82 00 00-0066	LF	2" Diameter x 1/4" Thick Fiberglass Round Tube, ISOFR Isophthalic Polyester Resin	20.57	3.90	
06 82 00 00-0067	LF	2" Diameter x 1/4" Thick Fiberglass Round Tube, VERF Vinyl Ester Resin.....	22.01	3.90	
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	14.89	2.49	
06 82 00 00-0070	LF	1/2" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin	15.89	2.49	



Wood, Plastics, and Composites			06	06
Composite Fabrications			06 80	
Composite Trim			06 82	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 82 00 00-0071	LF	5/8" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin	18.24	2.82
06 82 00 00-0072	LF	3/4" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin	20.16	2.82
06 82 00 00-0073	LF	1" Diameter Fiberglass Threaded Rod, VERF Vinyl Ester Resin	22.34	2.82
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	16.27	
06 82 00 00-0076	EA	Grate Support Legs Fixed Height Without Base Miscellaneous Fiberglass Castings	6.97	
06 82 00 00-0077	EA	Grating Support Legs, Adjustable To 60" Miscellaneous Fiberglass Castings	26.22	
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	0.81	0.39
06 82 00 00-0080	SF	1/2" x 2" Mesh, Clear Flexible Fiberglass Netting	0.81	0.39
06 82 00 00-0081	SF	3/4" x 5/8" Mesh, Clear Flexible Fiberglass Netting	0.81	0.39
06 82 00 00-0082	SF	7/8" x 7/8" Mesh, Clear Flexible Fiberglass Netting	0.81	0.39
06 82 00 00-0083	SF	1" x 1" Mesh, Clear Flexible Fiberglass Netting	0.81	0.39
06 82 00 00-0084	SF	1/2" x 1/2" Mesh, Green Flexible Fiberglass Netting	0.80	0.39
06 82 00 00-0085	SF	1/2" x 2" Mesh, Green Flexible Fiberglass Netting	0.80	0.39
06 82 00 00-0086	SF	3/4" x 5/8" Mesh, Green Flexible Fiberglass Netting	0.80	0.39
06 82 00 00-0087	SF	7/8" x 7/8" Mesh, Green Flexible Fiberglass Netting	0.80	0.39
06 82 00 00-0088	SF	1" x 1" Mesh, Green Flexible Fiberglass Netting	0.80	0.39
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	103.92	17.01
06 82 00 00-0093	EA	1" Fiberglass Stair Tread, 10-1/2" Deep x 30" Wide Isophthalic Resin System	121.44	17.01
06 82 00 00-0094	EA	1" Fiberglass Stair Tread, 10-1/2" Deep x 36" Wide Isophthalic Resin System	138.95	17.01
06 82 00 00-0095	EA	1" Fiberglass Stair Tread, 10-1/2" Deep x 42" Wide Isophthalic Resin System	156.47	17.01
06 82 00 00-0096	EA	1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 24" Wide Isophthalic Resin System	114.43	17.01
06 82 00 00-0097	EA	1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 30" Wide Isophthalic Resin System	134.57	17.01
06 82 00 00-0098	EA	1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 36" Wide Isophthalic Resin System	154.72	17.01
06 82 00 00-0099	EA	1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 42" Wide Isophthalic Resin System	174.86	17.01
06 82 00 00-0100	EA	2" Fiberglass Stair Tread, 10-1/2" Deep x 24" Wide Isophthalic Resin System	130.55	17.01
06 82 00 00-0101	EA	2" Fiberglass Stair Tread, 10-1/2" Deep x 30" Wide Isophthalic Resin System	154.72	17.01
06 82 00 00-0102	EA	2" Fiberglass Stair Tread, 10-1/2" Deep x 36" Wide Isophthalic Resin System	178.89	17.01
06 82 00 00-0103	EA	2" Fiberglass Stair Tread, 10-1/2" Deep x 42" Wide Isophthalic Resin System	203.06	17.01
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	113.93	17.01
06 82 00 00-0106	EA	1" Fiberglass Stair Tread, 12" Deep x 30" Wide Isophthalic Resin System	133.95	17.01
06 82 00 00-0107	EA	1" Fiberglass Stair Tread, 12" Deep x 36" Wide Isophthalic Resin System	153.97	17.01
06 82 00 00-0108	EA	1" Fiberglass Stair Tread, 12" Deep x 42" Wide Isophthalic Resin System	173.99	17.01
06 82 00 00-0109	EA	1-1/2" Fiberglass Stair Tread, 12" Deep x 24" Wide Isophthalic Resin System	125.95	17.01
06 82 00 00-0110	EA	1-1/2" Fiberglass Stair Tread, 12" Deep x 30" Wide Isophthalic Resin System	148.96	17.01
06 82 00 00-0111	EA	1-1/2" Fiberglass Stair Tread, 12" Deep x 36" Wide Isophthalic Resin System	171.99	17.01
06 82 00 00-0112	EA	1-1/2" Fiberglass Stair Tread, 12" Deep x 42" Wide Isophthalic Resin System	195.01	17.01
06 82 00 00-0113	EA	2" Fiberglass Stair Tread, 12" Deep x 24" Wide Isophthalic Resin System	144.36	17.01
06 82 00 00-0114	EA	2" Fiberglass Stair Tread, 12" Deep x 30" Wide Isophthalic Resin System	171.99	17.01
06 82 00 00-0115	EA	2" Fiberglass Stair Tread, 12" Deep x 36" Wide Isophthalic Resin System	199.61	17.01
06 82 00 00-0116	EA	2" Fiberglass Stair Tread, 12" Deep x 42" Wide Isophthalic Resin System	227.24	17.01
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	19.12	3.89
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	4.09	1.95
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

THIS PAGE INTENTIONALLY LEFT BLANK

NOT FOR BID



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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 50)

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	82.13
07 01 50 19-0003	SQ	Removal Of Gravel Ballast From Roof, Vacuum And Disposal	143.70

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	SF	Up To 10 SF Roof Repair, Built-Up Roofing	20.09
07 01 50 81-0003	SF	>10 To 25 SF Roof Repair, Built-Up Roofing	17.87
07 01 50 81-0004	SF	>25 To 50 SF Roof Repair, Built-Up Roofing	16.20
07 01 50 81-0005	SF	>50 To 100 SF Roof Repair, Built-Up Roofing	15.07
07 01 50 81-0006	SF	Up To 10 SF Roof Repair, Membrane Roofing	22.33
07 01 50 81-0007	SF	>10 To 25 SF Roof Repair, Membrane Roofing	20.12
07 01 50 81-0008	SF	>25 To 50 SF Roof Repair, Membrane Roofing	18.45
07 01 50 81-0009	SF	>50 To 100 SF Roof Repair, Membrane Roofing	17.32
07 01 50 81-0010	SF	Up To 10 SF Roof Repair, Shingle Roofing	17.85
07 01 50 81-0011	SF	>10 To 25 SF Roof Repair, Shingle Roofing	15.86
07 01 50 81-0012	SF	>25 To 50 SF Roof Repair, Shingle Roofing	14.41
07 01 50 81-0013	SF	>50 To 100 SF Roof Repair, Shingle Roofing	13.51
07 01 50 81-0014	LF	Heat Weld Roofing Seams For Repair	7.00

07 01 50 81-0015 Emergency Roof Patch^(07 01 50 81)

Note: 4 Hour response time.

07 01 50 81-0016	EA	Mobilize For Emergency Roof Patching	687.92
07 01 50 81-0017	EA	Granule Emergency Roof Patch Cover 16 SF	79.26

07 01 50 81-0018 Adhesives^(07 01 50 81)

Note: For repair of seams.

07 01 50 81-0019 Mastic Sealer^(07 01 50 81-0018)

07 01 50 81-0020 Applied At Joints Only^(07 01 50 81-0019)

07 01 50 81-0021	LF	Mastic Sealer, 1/4" Bead At Joint	4.54

1.95

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	0.17
		For Up To 100, Add	0.13
		For >100 To 250, Add	0.06
		For >250 To 500, Add	0.03
		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	-0.03
		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	1,378.04
07 05 13 00-0003	EA	>1 To 2 SQ, Mobilization Of Crew For Small Quantity Of Roof Work	1,031.05
07 05 13 00-0004	EA	>2 To 3 SQ, Mobilization Of Crew For Small Quantity Of Roof Work	689.02
07 05 13 00-0005	EA	>3 To 4 SQ, Mobilization Of Crew For Small Quantity Of Roof Work	343.69

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

07 Thermal And Moisture Protection**07 10 Dampproofing and Waterproofing**

07 05 13 Mobilization Of Crew For Small Quantity Of Roof Work

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT UNIT COST DEMOLITION UNIT COST

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 178.09
 07 11 13 00-0003 CSF 2 Coats, Brush, Roller Or Spray, Fibrous Asphalt Dampproofing 269.81

07 11 13 00-0004 Fibrous Asphalt Dampproofing, Troweled On (07 11 13)

07 11 13 00-0005 CSF Primer And 1 Coat, Fibrous Asphalt Dampproofing, Troweled On 309.67
 07 11 13 00-0006 CSF Primer And 2 Coats, Troweled On, Fibrous Asphalt Dampproofing 485.83

07 11 13 00-0007 Asphaltic Paint Dampproofing (07 11 13)

07 11 13 00-0008 CSF 1 Coat, Asphaltic Paint Dampproofing, Brushed On 141.55
 07 11 13 00-0009 CSF 2 Coats, Brushed On, Asphaltic Paint Dampproofing 262.43

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) 36.81

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 321.30 110.06
For 30 LB Felt, Add 75.89
For Application To Horizontal Surfaces, Deduct -33.02
 07 13 13 00-0003 CSF 2 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped 406.86 123.81
For 30 LB Felt, Add 119.42
For Application To Horizontal Surfaces, Deduct -37.14
 07 13 13 00-0004 CSF 3 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped 492.40 137.57
For 30 LB Felt, Add 162.95
For Application To Horizontal Surfaces, Deduct -41.27
 07 13 13 00-0005 CSF 4 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped 577.96 151.33
For 30 LB Felt, Add 206.48
For Application To Horizontal Surfaces, Deduct -45.40
 07 13 13 00-0006 CSF 5 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped 663.51 165.09
For 30 LB Felt, Add 250.01
For Application To Horizontal Surfaces, Deduct -49.53

07 13 13 00-0007 Asphalt Coated Protective Board (07 13 13)

07 13 13 00-0008 CSF 1/8" Asphalt Coated Protective Board 266.33 110.41
For Application To Horizontal Surfaces, Deduct -36.82
 07 13 13 00-0009 CSF 1/4" Asphalt Coated Protective Board 333.63 114.66
For Application To Horizontal Surfaces, Deduct -38.22
 07 13 13 00-0010 CSF 3/8" Asphalt Coated Protective Board 414.55 119.47
For Application To Horizontal Surfaces, Deduct -39.81
 07 13 13 00-0011 CSF 1/2" Asphalt Coated Protective Board 457.34 124.29
For Application To Horizontal Surfaces, Deduct -41.44

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 6.93 1.14
For Floor Surfaces, Deduct -1.10

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 480.60 160.51
For Application To Horizontal Surfaces, Deduct -48.15
 07 13 53 00-0005 CSF 60 Mil Ethylene Propylene Diene Monomer (EPDM) Membrane 554.28 160.51
For Application To Horizontal Surfaces, Deduct -48.15

07 13 53 00-0006 Butyl Sheet Waterproofing (07 13 53)

07 13 53 00-0007 CSF 1/32" Butyl Sheet Waterproofing 100.58 40.13
For Joint Taping, Add 14.28
For Each Additional Ply, Add 74.43
For Application To Horizontal Surfaces, Deduct -6.03



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 13 53 00-0008	CSF		1/16" Butyl Sheet Waterproofing.....	119.79	40.13
			For Joint Taping, Add	15.24	
			For Each Additional Ply, Add	87.87	
			For Application To Horizontal Surfaces, Deduct	-6.03	
07 13 53 00-0009			Butyl With Nylon (07 13 53)		
07 13 53 00-0010	CSF		1/32" Butyl Elastomeric Waterproofing With Nylon.....	111.56	40.13
			For Joint Taping, Add	14.83	
			For Each Additional Ply, Add	82.11	
			For Application To Horizontal Surfaces, Deduct	-6.03	
07 13 53 00-0011	CSF		1/16" Butyl Elastomeric Waterproofing With Nylon.....	123.91	40.13
			For Joint Taping, Add	15.44	
			For Each Additional Ply, Add	90.76	
			For Application To Horizontal Surfaces, Deduct	-6.03	
07 13 53 00-0012			Neoprene Sheet Waterproofing (07 13 53)		
07 13 53 00-0013	CSF		1/32" Neoprene Sheet Waterproofing.....	174.74	40.13
			For Joint Taping, Add	17.99	
			For Each Additional Ply, Add	126.34	
			For Application To Horizontal Surfaces, Deduct	-6.03	
07 13 53 00-0014	CSF		1/16" Neoprene Sheet Waterproofing.....	256.51	40.13
			For Joint Taping, Add	22.07	
			For Each Additional Ply, Add	183.58	
			For Application To Horizontal Surfaces, Deduct	-6.03	
07 13 53 00-0015			Neoprene With Nylon (07 13 53)		
07 13 53 00-0016	CSF		1/32" Neoprene Elastomeric Waterproofing With Nylon.....	183.27	40.13
			For Joint Taping, Add	18.41	
			For Each Additional Ply, Add	132.31	
			For Application To Horizontal Surfaces, Deduct	-6.03	
07 13 53 00-0017	CSF		1/16" Neoprene Elastomeric Waterproofing With Nylon.....	270.14	40.13
			For Joint Taping, Add	22.76	
			For Each Additional Ply, Add	193.12	
			For Application To Horizontal Surfaces, Deduct	-6.03	
07 13 53 00-0018			Plastic Vapor Barrier (Polyethylene) (07 13 53)		
07 13 53 00-0019	CSF		4 Mil Polyethylene Vapor Barrier.....	36.59	13.23
			For Joint Taping, Add	8.57	
			For Each Additional Ply, Add	28.54	
			For Application To Horizontal Surfaces, Deduct	-4.39	
07 13 53 00-0020	CSF		6 Mil Polyethylene Vapor Barrier.....	37.46	13.23
			For Joint Taping, Add	8.61	
			For Each Additional Ply, Add	29.15	
			For Application To Horizontal Surfaces, Deduct	-4.39	
07 13 53 00-0021	CSF		10 Mil Polyethylene Vapor Barrier.....	64.44	13.23
			For Joint Taping, Add	9.96	
			For Each Additional Ply, Add	48.04	
			For Application To Horizontal Surfaces, Deduct	-4.39	
07 13 53 00-0022	CSF		60 Mil Polyethylene Vapor Barrier With Bentonite.....	98.81	13.23
			Note: Includes seam tape, liquid mastic, anchors and termination bar.		
			For Each Additional Ply, Add	72.42	
			For Application To Horizontal Surfaces, Deduct	-4.88	
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.....	43.30	14.64
			For Joint Taping, Add	8.90	
			For Each Additional Ply, Add	33.24	
			For Application To Horizontal Surfaces, Deduct	-4.39	
07 13 53 00-0025	CSF		20 Mil Polyvinyl Chloride (PVC) Vapor Barrier.....	54.59	15.18
			For Joint Taping, Add	9.72	
			For Each Additional Ply, Add	41.25	
			For Application To Horizontal Surfaces, Deduct	-4.56	
07 13 53 00-0026	CSF		30 Mil Polyvinyl Chloride (PVC) Vapor Barrier.....	69.67	15.72
			For Joint Taping, Add	10.72	
			For Each Additional Ply, Add	51.92	
			For Application To Horizontal Surfaces, Deduct	-4.72	
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).....	43.29	13.56
07 13 54			Thermoplastic Sheet Waterproofing (07 13)		
07 13 54 00-0001			Thermoplastic Sheet Waterproofing (07 13 54)		
07 13 54 00-0002	SF		60 Mil Thermoplastic Active Polymer Core Membrane (Cetco Coreflex 60).....	10.85	
07 13 54 00-0003	SF		Cortex Active Polymer Core Separation Sheet (Cetco Coretex).....	7.14	
07 13 54 00-0004	SF		Hardscape Walk Path Drain Board (Cetco Aquadrain 30HD).....	2.44	

07 Thermal And Moisture Protection**07 10 Dampproofing and Waterproofing****07 13 Sheet Waterproofing**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 13 54 00-0005	SF	Planted Area Drain Board (Cetco GS-300).....	4.34	
07 13 54 00-0006	SF	Root Barrier (Cetco GS-120).....	2.91	
07 13 54 00-0007	LF	Stainless Steel Termination Bar (Cetco).....	4.94	

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.....	2.42	
		Note: Includes primer.		
		For Application To Horizontal Surfaces, Deduct	-0.21	
		For Reinforcing Fabric, Add	0.55	
07 14 13 00-0003	SF	125 Mil Hot Applied Rubberized Asphalt Waterproofing Coating, Vertical Surface.....	2.87	
		Note: Includes primer.		
		For Application To Horizontal Surfaces, Deduct	-0.22	
		For Reinforcing Fabric, Add	0.55	

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, Applied In 2 Coats, Fluid Applied, Rubber Base, Polyurethane Waterproofing.....	4.06	
		For Application To Horizontal Surfaces, Deduct	-0.48	
07 14 16 00-0003	SF	90 Mil Thick, Applied In 2 Coats, Fluid Applied, Rubber Base, Polyurethane Waterproofing.....	4.64	
		For Application To Horizontal Surfaces, Deduct	-0.51	
07 14 16 00-0004	SF	120 Mil Thick, Applied In 2 Coats, Fluid Applied, Rubber Base, Polyurethane Waterproofing.....	5.26	
		For Application To Horizontal Surfaces, Deduct	-0.54	

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, 1 Part Solution, Chlorosulfonated Polyethylene (CSM) Polymer.....	2.76	

07 14 16 00-0007		Copolymer Compound (07 14 16)		
07 14 16 00-0008	SF	32 Mil, Fluid Elastomeric Copolymer Compound For Slabs.....	4.38	

07 14 16 00-0009		Fluid Applied Neoprene (07 14 16)		
07 14 16 00-0010	CSF	1/8" Fiberglass Reinforced, Fluid Applied Neoprene.....	532.29	
		For Application To Horizontal Surfaces, Deduct	-58.47	
07 14 16 00-0011	CSF	50 Mil, 4 Coats, Fluid Applied Neoprene.....	1,033.21	
		For Application To Horizontal Surfaces, Deduct	-114.71	
07 14 16 00-0012	CSF	90 Mil, 4 Coats, Fluid Applied Neoprene.....	1,683.47	
		For Application To Horizontal Surfaces, Deduct	-171.98	

07 14 16 00-0013		Moisture Barrier (Maxxon) (07 14 16)		
07 14 16 00-0014	SF	Moisture Barrier Primer, Brush Application For Cut-ins (Maxxon MVP 13030).....	3.68	
		Note: Includes primer coat for moisture mitigation epoxy flooring. Excludes preparation of flooring		
07 14 16 00-0015	SF	Moisture Barrier Primer, Roller Application (Maxxon MVP 13030).....	3.28	
		Note: Includes primer coat for moisture mitigation epoxy flooring. Excludes preparation of flooring		
07 14 16 00-0016	SF	Two Part Epoxy Moisture Barrier, Brush Application For Cut-ins, First Coat (Maxxon MVP 13035).....	1.43	
		Note: Includes product mixing and application. Excludes preparation of flooring		
07 14 16 00-0017	SF	Two Part Epoxy Moisture Barrier, Roller Application For First Coat (Maxxon MVP 13035).....	1.03	
		Note: Includes product mixing and application. Excludes preparation of flooring		
07 14 16 00-0018	SF	Two Part Epoxy Moisture Barrier, Brush Application For Cut-ins, Second Coat (Maxxon MVP 13035).....	1.97	
		Note: Includes product mixing and application. Excludes preparation of flooring		
07 14 16 00-0019	SF	Two Part Epoxy Moisture Barrier, Roller Application For Second Coat (Maxxon MVP 13035).....	1.57	
		Note: Includes product mixing and application. Excludes preparation of flooring		

07 14 16 00-0020		Waterproofing (Sika) (07 14 16)		
07 14 16 00-0021	SF	30 Mil Thick, Two-Component Polyurethane, Roller Grade Bitumen Modified Waterproofing, (Sika Sikagard®-7600 HG).....	6.19	

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.....	4.71	
		Note: As manufactured by Thoro Consumer Products. Includes Thoroseal, Acryl 60, acrylic waterproof coating and white pigmented acrylic copolymer primer.		

07 16 16 Crystalline Waterproofing (07 16)

07 16 16 00-0001	SF	Crystalline Cementitious Waterproofing, 2 Coats (Xypex Concentrate).....	6.41	

07 16 19 Metal Oxide Waterproofing (07 16)



Thermal And Moisture Protection			07
Dampproofing and Waterproofing			07 10
Cementitious and Reactive Waterproofing			07 16

07

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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>	501.13 62.64	
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>	403.08 39.33	131.74
07 17 13 00-0002	CSF		1/4" Bentonite Waterproofing Panels..... <i>For Application To Horizontal Surfaces, Deduct</i>	382.72 42.78	139.19
07 17 13 00-0003	CSF		5/8" Bentonite Waterproofing Panels..... <i>For Application To Horizontal Surfaces, Deduct</i>	494.00 43.93	145.15
07 17 13 00-0004	CSF		3/8" Granular Bentonite, Troweled..... <i>For Application To Horizontal Surfaces, Deduct</i>	400.81 36.20	120.73
07 18 Traffic Coatings (07 10)					
07 18 13 Pedestrian Traffic Coatings (07 18)					
07 18 13 00-0001			Elastomeric Plaza Deck System (Garland Dura-Walk®) (07 18 13) Note: For pedestrian and vehicular traffic. Includes 10 year warranty. Excludes surface preparation, deck crack repair, joint sealants or markings.		
07 18 13 00-0002	SQ		Porous Concrete Primer (Garland Dura-Walk® FC Primer Kit).....	167.65	
07 18 13 00-0003	SQ		32 mils, Base Coat, One-Component, Polyurethane, Elastomeric Plaza Deck System (Garland Dura-Walk®).....	488.83	
07 18 13 00-0004	SQ		16 mils, Wear Coat, One-Component, Polyurethane, Elastomeric Plaza Deck System (Garland Dura-Walk®).....	279.58	
07 18 13 00-0005	SQ		16 mils, Top Coat, One-Component, Polyurethane, Elastomeric Plaza Deck System (Garland Dura-Walk®).....	335.47	
07 18 13 00-0006	LF		6" Wide, Poly Joint Tape (Garland Dura-Walk®).....	1.61	
07 18 13 00-0007			Pedestrian Traffic Coating (07 18 13) Note: Gaco Western		
07 18 13 00-0008	SF		GACOCRETE A-17, Acrylic Elastomeric Coating.....	2.91	
07 18 13 00-0009	SF		Silicone Enhanced A-30, Acrylic Elastomeric Coating..... <i>For >2,000, Deduct</i>	2.45 -0.32	
07 18 13 00-0010	SF		Quick Set A-31, Acrylic Elastomeric Coating.....	2.27	
07 18 13 00-0011	SF		A-32, Acrylic Elastomeric Coating..... <i>For >2,000, Deduct</i>	2.57 -0.36	
07 18 13 00-0012	SF		Liquid Seam Tape A-3611, Acrylic Elastomeric Coating..... <i>For >2,000, Deduct</i>	2.68 -0.40	
07 18 13 00-0013	SF		A-38, Acrylic Elastomeric Coating.....	2.63	
07 18 13 00-0014	SF		Acrylic Primer A-4121.....	1.75	
07 18 13 00-0015	SF		Two Component Epoxy Emulsion Primer Filler E-5320.....	2.97	
07 18 13 00-0016	SF		Two Component Epoxy Rust Inhibiting Primer E-5388.....	3.49	
07 18 13 00-0017	SF		Two Component 100% Solids Primer E-5481.....	3.82	
07 18 13 00-0018	SF		Hypalon Roof Coating H-25.....	3.55	
07 18 13 00-0019	SF		Neoprene Adhesive N-1207.....	2.73	
07 18 13 00-0020	SF		GACOSIL S-10 Silicone..... <i>For >2,000, Deduct</i>	3.02 -0.52	
07 18 13 00-0021	SF		GACOSIL S-20 Silicone..... <i>For >2,000, Deduct</i>	3.11 -0.55	
07 18 13 00-0022	SF		Urethane Primer/Sealer U-5677.....	1.90	
07 18 13 00-0023	SF		Single Component Polyurethane Coating, Ure-Shield Aluminum U-6006..... <i>For >2,000, Deduct</i>	2.79 -0.44	
07 18 13 00-0024	SF		Two Component Polyurethane Coating U-62..... <i>For >2,000, Deduct</i>	4.25 -0.77	
07 18 13 00-0025	SF		Two Component Polyurethane Coating, Liquid Applied Polyurethane Rubber U-64.....	3.70	
07 18 13 00-0026	SF		Two Component Polyurethane Coating U-66.....	4.19	
07 18 13 00-0027	SF		Two Component Polyurethane Coating U-8730.....	3.88	
07 18 13 00-0028	SF		Two Component Polyurethane Coating U-8782.....	3.82	
07 18 13 00-0029	SF		Two Component Polyurethane Aliphatic Coating UA-60.....	4.80	
07 18 13 00-0030	SF		Two Component Polyurethane Aliphatic Coating UA-7090.....	6.01	
07 18 13 00-0031	SF		Two Component Polyurethane Base Coating UB-64.....	3.64	
07 18 13 00-0032	SF		Two Component Polyurethane Base Coating UB-8380.....	3.58	
07 18 13 00-0033	SF		Etching Detergent D-09.....	1.94	
07 18 13 00-0034	LB		GacoShell Granules Additive To Coating.....	2.29	
07 18 13 00-0035	LB		Quartz Granules Additive To Coating.....	2.06	
07 18 13 00-0036	LF		4" Polyester Reinforcing Tape, 66-B.....	0.21	
07 18 13 00-0037	LF		6" Polyester Reinforcing Tape, 66-B.....	0.27	
07 18 13 00-0038	LF		4" Sontara Polyester Reinforcing Tape, 66-S.....	0.34	
07 18 13 00-0039	LF		6" Sontara Polyester Reinforcing Tape, 66-S.....	0.47	
07 18 13 00-0040	LF		2" Metal Roof Seam Sealing Tape, 66-MR.....	0.98	
07 18 13 00-0041	LF		3" Metal Roof Seam Sealing Tape, 66-MR.....	1.53	
07 18 13 00-0042	LF		4" Metal Roof Seam Sealing Tape, 66-MR.....	1.89	
07 18 13 00-0043	LF		6" Metal Roof Seam Sealing Tape, 66-MR.....	2.71	
07 18 13 00-0044	GAL		Polyurethane Coating Thinner T-5106.....	54.71	
07 18 13 00-0045	GAL		Compliant Thinner T-5110.....	113.97	

07 Thermal And Moisture Protection**07 10 Dampproofing and Waterproofing****07 18 Traffic Coatings**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 18 13 00-0046 GAL Regular Thinner T-5112.....	31.91	
07 18 13 00-0047 GAL Polyurethane Coating Thinner T-5116.....	41.03	
07 18 13 00-0048 GAL Polyurethane Troweling Thinner T-5118.....	50.15	
07 18 13 00-0049 GAL Compliant Thinner T-5125.....	54.71	
07 18 13 00-0050 GAL Fast Polyurethane Coating Thinner T-5130.....	41.03	
07 18 13 00-0051 GAL Silicone And U-62 Polyurethane Coating Thinner T-5135	41.03	
07 18 16 Vehicular Traffic Coatings (07 18)		
07 18 16 00-0001 Preparation For Vehicular Traffic Coating (07 18 16)		
See CSI section 03 01 30 71-0053 for crack repairs, 32 17 23 00-0000 for pavement markings.		
07 18 16 00-0002 SF Grinding Of Existing Concrete Floor Prior To Installation Of Deck Coating	1.05	
07 18 16 00-0003 SF Shot Blasting Concrete Surface For Vehicular Traffic Coating	2.60	
07 18 16 00-0004 Vehicular Traffic Bearing Waterproofing System System (UPI) (07 18 16)		
Note: Excludes deck crack repair, joint sealants or pavement markings. See CSI section 03 01 30 71-0053 for crack repairs, 32 17 23 00-0000 for pavement markings.		
07 18 16 00-0005 SF Vehicular Traffic Bearing Waterproofing System Complete (UPI UREADEK 6700-VT).....	10.09	
Note: Includes primer (UI-71 18), 32 mil base coat (UI-7013), 16 mil intermediate coat (UI-7016 AR), 16 mil top coat (UI-7016 AL), and non-slip texture finish. Excludes crack repair or caulking.		
For second coat 16 mil intermediate coat (UI-7016 AR), Add	1.91	
07 18 16 00-0006 Vehicular Traffic Coating (Sika) (07 18 16)		
Note: Excludes surface preparaion, deck crack repair, joint sealants or pavement markings. See CSI section 03 01 30 71-0053 for crack repairs, 07 18 16 00-0001 for surface preparaion, 32 17 23 00-0000 for pavement markings.		
07 18 16 00-0007 SF 23 Mil Thick, Traffic Coating, Two-Component, Elastomeric Polyurethane Waterproofing, Concrete Coating With Primer (Sika Sikalastic® 720).....	3.84	
Note: Excludes crack repair or caulking.		
07 18 16 00-0008 SF 12 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Protective Concrete Coating (Sika Sikalastic®-745 AL).....	2.35	
Note: Excludes crack repair or caulking.		
07 18 16 00-0009 SF 14 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Protective Concrete Coating (Sika Sikalastic®-745 AL).....	2.50	
Note: Excludes crack repair or caulking.		
07 18 16 00-0010 SF 16 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Protective Concrete Coating (Sika Sikalastic®-745 AL).....	2.66	
Note: Excludes crack repair or caulking.		
07 18 16 00-0011 SF 18 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Protective Concrete Coating (Sika Sikalastic®-745 AL).....	2.80	
Note: Excludes crack repair or caulking.		
07 18 16 00-0012 SF 14 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Wear And Top Concrete Coating (Sika Sikalastic®-745 Textured)	2.72	
Note: Excludes crack repair or caulking.		
07 18 16 00-0013 SF 16 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Wear And Top Concrete Coating (Sika Sikalastic®-745 Textured)	2.95	
Note: Excludes crack repair or caulking.		
07 18 16 00-0014 SF 18 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Wear And Top Concrete Coating (Sika Sikalastic®-745 Textured)	3.20	
Note: Excludes crack repair or caulking.		
07 18 16 00-0015 Vehicular Traffic Bearing Waterproofing System System (Dex-O-Tex Auto-Dex V) (07 18 16)		
Note: Excludes surface preparaion, deck crack repair, joint sealants or pavement markings. See CSI section 03 01 30 71-0053 for crack repairs, 07 18 16 00-0001 for surface preparaion, 32 17 23 00-0000 for pavement markings.		
07 18 16 00-0016 SF Vehicular Traffic Bearing Waterproofing System (Dex-O-Tex Auto-Dex V)	14.41	
Note: A. Troweled waterproof neoprene co-polymer composition vehicular traffic bearing waterproof surfacing system shall be Dex-O-Tex Auto-Dex V as manufactured by Crossfield Products Corp., in Rancho Dominguez, California and Roselle Park, New Jersey. B. The trowel applied waterproof neoprene co-polymer composition vehicular traffic bearing waterproof surfacing system shall be composed of a co-polymer bondcoat, neoprene waterproof membrane, and cementitious co-polymer traffic topping surfacing. 1.) All resin binders and all rubber emulsions shall be compounded with neoprene or polyacrylate co-polymer liquids and shall have a minimum polymer, neoprene, solids content of 35% when tested by the dry cup method. 2.) Aggregate for traffic surface coating shall be suitably graded, fine trap-rock passing a #20 mesh sieve and retained on a #40 mesh sieve. 3.) Fabric used as reinforcement for waterproof membrane shall be 7-1/2 oz. Woven polypropylene fabric.		
07 18 16 00-0017 Traffic Coating Repair (Sika) (07 18 16)		
Note: Excludes surface preparaion, deck crack repair, joint sealants or pavement markings. See CSI section 03 01 30 71-0053 for crack repairs, 07 18 16 00-0001 for surface preparaion, 32 17 23 00-0000 for pavement markings.		
07 18 16 00-0018 SF 5 +/- 1 mils (Dry Film Thickness per Coat), Two Component, High Solids, Liquid Applied Primer (Sika Sikalastic® Recoat Primer)	0.92	
07 18 16 00-0019 SF Low-modulus, Low-viscosity, Epoxy Resin Primer (Sikadur® 21)	0.62	
07 18 16 00-0020 SF Up To 1/2" Thick, Low-modulus, Low-viscosity, Epoxy Resin Mortar Binder (Sikadur® 21).....	1.41	
07 18 16 00-0021 SF Low-modulus, Fast-setting, Medium Viscosity, Urethane Modified, Epoxy Resin Primer (Sikadur® 22).....	0.82	
07 18 16 00-0022 SF 50 Mils, Low-modulus, Fast-setting, Medium Viscosity, Urethane Modified, Epoxy Resin Binder (Sikadur® 22)	1.51	
07 18 16 00-0023 SF Broadcast Sand Coating.....	0.25	
07 18 16 00-0024 SF Low-modulus, Fast-setting, Medium Viscosity, Urethane Modified, Epoxy Resin Top Coat (Sikadur® 22).....	0.86	



Thermal And Moisture Protection		07
Dampproofing and Waterproofing		07 10
Traffic Coatings		07 18

07

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 18 16 00-0025	SF	Low-modulus, Fast-setting, Medium Viscosity, Urethane Modified, Epoxy Resin Traffic Overlay (Sikadur® 22)	3.96	
07 18 21 Traffic-Bearing Roof Deck Surfacing (07 18)				
07 18 21 00-0001		Decking Coating System (Polycoat POLY-I-GARD® 575FC) (07 18 21) Note: Excludes surface preparation, deck crack repair or other joint sealants. See CSI section 07 18 16 00-0001 for surface preparation.		
07 18 21 00-0002	SF	4 Dry Mils, Epoxy Primer For Deck Coating System (Polycoat Polyprime® 21)	1.28	
07 18 21 00-0003	SF	24 ± 2 Dry Mils, Base For Deck Coating System (Polycoat PC-260)	3.69	
07 18 21 00-0004	SF	18 ± 2 Dry Mils, Topcoat For Deck Coating System (Polycoat Poly-I-Gard® 295)	3.45	
07 18 21 00-0005	SF	15 ± 2 Dry Mils, Topcoat For Deck Coating System (Polycoat Poly-I-Gard® 295) Note: Additional coat for ramps, turn radii, and other heavy traffic areas.	3.06	
07 18 21 00-0006 Weatherwear Roof Deck Coating System (Dex-O-Tex) (07 18 21)				
07 18 21 00-0007	SF	Dex-O-Tex Weatherwear Promenade Roof Deck System Note: Includes mobilize and set up. Install Dex-O-Tex Weatherwear Promenade Roof Deck System per manufacturer's specifications and waterproof at drain locations. (Supply and installation of drains by others). Final clean up and demobilize.	37.25	
07 18 21 00-0008	LF	Dex-O-Tex 26G Bonderized 4" x 8" flashing Note: supply and install 26G Bonderized 4" x 8" flashing at deck to wall transitions per plans and specifications. (Flashing per detail A.1/3.)	16.76	
07 18 21 00-0009	SF	Dex-O-Tex G-26 Underlayment at 3" Average for Sloping Note: Includes mobilize and set up. Install Dex-O-Tex G-26 Cementitious Underlayment for sloping at 3" average per A.1/B. Clean up.	43.66	
07 18 21 00-0010	SF	Mechanically Prepare Surface For Underlayment Note: Mechanically prepare surface to create bonding profile per manufacturer specifications.	3.23	
07 19 Water Repellents (07 19)				
07 19 13 Acrylic Sealer (07 19)				
Note: Per coat.				
07 19 13 00-0001	SF	Spray On Concrete, Acrylic Sealer	2.52	
07 19 13 00-0002	SF	Spray On Concrete Block/Brick, Acrylic Sealer	3.00	
07 19 13 00-0003	SF	Spray On Stone, Acrylic Sealer	3.29	
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)	0.73	
07 19 16 00-0003	SF	Spray On Concrete Block/Brick, Water Based, Silane Penetrating Water Repellent Sealer (Specchem SpecSilane 40 WB)	1.09	
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.	1.33	
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.	1.95	
07 19 16 00-0007	SF	Spray On Concrete, Water-Based, Silane/Siloxane Penetrating Water Repellent Sealer (Prosoco Saltguard WB) Note: 200 SF/GAL	0.52	
07 19 16 00-0008	SF	Spray On Concrete Block/Masonry, Water-Based, Silane/Siloxane Penetrating Water Repellent Sealer (Prosoco Saltguard WB)	0.76	
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	3.69 -0.06 0.05	0.37
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	5.11 -0.06 0.05	0.38
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	6.06 -0.06 0.05	0.38

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 13-0006	SF	2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Foam Board Insulation, Cold Adhesive Applied..... <i>For Horizontal Surface Application, Deduct</i> <i>For Vapor Barrier, Integral With Insulation, Add</i>	7.95 -0.07 0.05	0.39
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..... <i>For Horizontal Surface Application, Deduct</i> <i>For Vapor Barrier, Integral With Insulation, Add</i>	1.77 -0.06 0.05	0.37
07 21 13 13-0009	SF	1/2" Thick, R1.93, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied..... <i>For Horizontal Surface Application, Deduct</i> <i>For Vapor Barrier, Integral With Insulation, Add</i>	1.76 -0.06 0.05	0.37
07 21 13 13-0010	SF	3/4" Thick, R2.89, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied..... <i>For Horizontal Surface Application, Deduct</i> <i>For Vapor Barrier, Integral With Insulation, Add</i>	1.99 -0.06 0.05	0.37
07 21 13 13-0011	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied..... <i>For Horizontal Surface Application, Deduct</i> <i>For Vapor Barrier, Integral With Insulation, Add</i>	2.22 -0.06 0.05	0.37
07 21 13 13-0012	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied..... <i>For Horizontal Surface Application, Deduct</i> <i>For Vapor Barrier, Integral With Insulation, Add</i>	3.15 -0.06 0.05	0.38
07 21 13 13-0013	SF	3" Thick, R11.55, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied..... <i>For Horizontal Surface Application, Deduct</i> <i>For Vapor Barrier, Integral With Insulation, Add</i>	4.06 -0.07 0.05	0.39
07 21 13 13-0014	SF	4" Thick, R15.40, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied..... <i>For Horizontal Surface Application, Deduct</i> <i>For Vapor Barrier, Integral With Insulation, Add</i>	4.99 -0.07 0.05	0.40
07 21 13 13-0015	SF	5" Thick, R19.25, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied..... <i>For Horizontal Surface Application, Deduct</i> <i>For Vapor Barrier, Integral With Insulation, Add</i>	5.90 -0.07 0.05	0.41
07 21 13 13-0016	SF	6" Thick, R23.1, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied..... <i>For Horizontal Surface Application, Deduct</i> <i>For Vapor Barrier, Integral With Insulation, Add</i>	6.83 -0.07 0.05	0.42
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..... <i>For Horizontal Surface Application, Deduct</i> <i>For Vapor Barrier, Integral With Insulation, Add</i> <i>For 25 PSI Compressive Strength, Add</i> <i>For 40 PSI Compressive Strength, Add</i> <i>For 60 PSI Compressive Strength, Add</i> <i>For 115 PSI Compressive Strength, Add</i>	2.04 -0.06 0.05 0.23 0.54 0.86 3.74	0.37
07 21 13 13-0019	SF	1/2" Thick, R2.5, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied..... <i>For Horizontal Surface Application, Deduct</i> <i>For Vapor Barrier, Integral With Insulation, Add</i> <i>For 25 PSI Compressive Strength, Add</i> <i>For 40 PSI Compressive Strength, Add</i> <i>For 60 PSI Compressive Strength, Add</i> <i>For 115 PSI Compressive Strength, Add</i>	2.41 -0.06 0.05 0.29 0.68 1.07 4.69	0.37
07 21 13 13-0020	SF	3/4" Thick, R3.7, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied..... <i>For Horizontal Surface Application, Deduct</i> <i>For Vapor Barrier, Integral With Insulation, Add</i> <i>For 25 PSI Compressive Strength, Add</i> <i>For 40 PSI Compressive Strength, Add</i> <i>For 60 PSI Compressive Strength, Add</i> <i>For 115 PSI Compressive Strength, Add</i>	2.72 -0.06 0.05 0.34 0.80 1.25 5.46	0.37
07 21 13 13-0021	SF	1" Thick, R5.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied..... <i>For Horizontal Surface Application, Deduct</i> <i>For Vapor Barrier, Integral With Insulation, Add</i> <i>For 25 PSI Compressive Strength, Add</i> <i>For 40 PSI Compressive Strength, Add</i> <i>For 60 PSI Compressive Strength, Add</i> <i>For 115 PSI Compressive Strength, Add</i>	2.55 -0.06 0.05 0.31 0.73 1.15 5.02	0.37
07 21 13 13-0022	SF	2" Thick, R10.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied..... <i>For Horizontal Surface Application, Deduct</i> <i>For Vapor Barrier, Integral With Insulation, Add</i> <i>For 25 PSI Compressive Strength, Add</i> <i>For 40 PSI Compressive Strength, Add</i> <i>For 60 PSI Compressive Strength, Add</i> <i>For 115 PSI Compressive Strength, Add</i>	3.81 -0.06 0.05 0.51 1.20 1.87 8.21	0.38
07 21 13 13-0023	SF	3" Thick, R15.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied..... <i>For Horizontal Surface Application, Deduct</i> <i>For Vapor Barrier, Integral With Insulation, Add</i> <i>For 25 PSI Compressive Strength, Add</i> <i>For 40 PSI Compressive Strength, Add</i> <i>For 60 PSI Compressive Strength, Add</i> <i>For 115 PSI Compressive Strength, Add</i>	5.06 -0.07 0.05 0.71 1.68 2.59 11.40	0.39



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 13-0024	SF		4" Thick, R20.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied..... <i>For Horizontal Surface Application, Deduct</i> <i>For Vapor Barrier, Integral With Insulation, Add</i> <i>For 25 PSI Compressive Strength, Add</i> <i>For 40 PSI Compressive Strength, Add</i> <i>For 60 PSI Compressive Strength, Add</i> <i>For 115 PSI Compressive Strength, Add</i>	5.70 -0.07 0.05 0.80 1.91 2.95 12.99	0.40
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..... <i>For Horizontal Surface Application, Deduct</i> <i>For Vapor Barrier, Integral With Insulation, Add</i> <i>For Mechanically Fastened To Concrete, Add</i> <i>For Mechanically Fastened To Gypsum, Add</i> <i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i> <i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i> <i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i> <i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i> <i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i> <i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.61 -0.07 0.05 1.54 2.05 0.73 2.11 2.55 1.09 3.16 3.81	0.37
07 21 13 13-0028	SF		1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened..... <i>For Horizontal Surface Application, Deduct</i> <i>For Vapor Barrier, Integral With Insulation, Add</i> <i>For Mechanically Fastened To Concrete, Add</i> <i>For Mechanically Fastened To Gypsum, Add</i> <i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i> <i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i> <i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i> <i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i> <i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i> <i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	5.13 -0.08 0.05 1.59 1.99 0.90 2.18 2.55 1.35 3.23 3.81	0.38
07 21 13 13-0029	SF		2" Thick, R6.88, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened..... <i>For Horizontal Surface Application, Deduct</i> <i>For Vapor Barrier, Integral With Insulation, Add</i> <i>For Mechanically Fastened To Concrete, Add</i> <i>For Mechanically Fastened To Gypsum, Add</i> <i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i> <i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i> <i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i> <i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i> <i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i> <i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	6.09 -0.08 0.05 1.59 1.99 0.90 2.18 2.58 1.35 3.23 3.86	0.38
07 21 13 13-0030	SF		2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened..... <i>For Horizontal Surface Application, Deduct</i> <i>For Vapor Barrier, Integral With Insulation, Add</i> <i>For Mechanically Fastened To Concrete, Add</i> <i>For Mechanically Fastened To Gypsum, Add</i> <i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i> <i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i> <i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i> <i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i> <i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i> <i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	8.08 -0.08 0.05 1.63 2.07 1.02 2.31 2.75 1.54 3.47 4.12	0.39
07 21 13 13-0031			Mechanically Fastened, Expanded Polystyrene, Foam Board Insulation (07 21 13 13-0025) Note: Mechanically fastened to wood or steel.		
07 21 13 13-0032	SF		3/8" Thick, R1.44, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)..... <i>For Horizontal Surface Application, Deduct</i> <i>For Vapor Barrier, Integral With Insulation, Add</i> <i>For Mechanically Fastened To Concrete, Add</i> <i>For Mechanically Fastened To Gypsum, Add</i> <i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i> <i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i> <i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i> <i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i> <i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i> <i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	1.69 -0.07 0.05 1.54 2.05 0.73 2.11 2.55 1.09 3.16 3.81	0.37
07 21 13 13-0033	SF		1/2" Thick, R1.93, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)..... <i>For Horizontal Surface Application, Deduct</i> <i>For Vapor Barrier, Integral With Insulation, Add</i> <i>For Mechanically Fastened To Concrete, Add</i> <i>For Mechanically Fastened To Gypsum, Add</i> <i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i> <i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i> <i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i> <i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i> <i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i> <i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	1.68 -0.07 0.05 1.54 2.05 0.73 2.11 2.55 1.09 3.16 3.81	0.37

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 13-0034 SF 3/4" Thick, R2.89, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	1.91	0.37
For Horizontal Surface Application, Deduct	-0.07	
For Vapor Barrier, Integral With Insulation, Add	0.05	
For Mechanically Fastened To Concrete, Add	1.54	
For Mechanically Fastened To Gypsum, Add	2.05	
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	2.11	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.55	
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	3.16	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81	
07 21 13 13-0035 SF 1" Thick, R3.85, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	2.15	0.37
For Horizontal Surface Application, Deduct	-0.07	
For Vapor Barrier, Integral With Insulation, Add	0.05	
For Mechanically Fastened To Concrete, Add	1.54	
For Mechanically Fastened To Gypsum, Add	2.05	
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	2.11	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.55	
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	3.16	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81	
07 21 13 13-0036 SF 2" Thick, R7.70, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	3.17	0.38
For Horizontal Surface Application, Deduct	-0.08	
For Vapor Barrier, Integral With Insulation, Add	0.05	
For Mechanically Fastened To Concrete, Add	1.59	
For Mechanically Fastened To Gypsum, Add	1.99	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.90	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.18	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.58	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.35	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.23	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.86	
07 21 13 13-0037 SF 3" Thick, R11.55, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	4.20	0.39
For Horizontal Surface Application, Deduct	-0.08	
For Vapor Barrier, Integral With Insulation, Add	0.05	
For Mechanically Fastened To Concrete, Add	1.63	
For Mechanically Fastened To Gypsum, Add	2.07	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.02	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.31	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.75	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.54	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.47	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.12	
07 21 13 13-0038 SF 4" Thick, R15.40, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	5.27	0.40
For Horizontal Surface Application, Deduct	-0.08	
For Vapor Barrier, Integral With Insulation, Add	0.05	
For Mechanically Fastened To Concrete, Add	1.68	
For Mechanically Fastened To Gypsum, Add	2.07	
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	2.52	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.91	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.83	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.77	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.36	
07 21 13 13-0039 SF 5" Thick, R19.25, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	6.38	0.41
For Horizontal Surface Application, Deduct	-0.08	
For Vapor Barrier, Integral With Insulation, Add	0.05	
For Mechanically Fastened To Concrete, Add	1.72	
For Mechanically Fastened To Gypsum, Add	2.42	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.45	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.75	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	3.06	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	7.85	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.12	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.59	
07 21 13 13-0040 SF 6" Thick, R23.1, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	7.58	0.42
For Horizontal Surface Application, Deduct	-0.09	
For Vapor Barrier, Integral With Insulation, Add	0.05	
For Mechanically Fastened To Concrete, Add	1.77	
For Mechanically Fastened To Gypsum, Add	2.01	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.76	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	3.07	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	3.31	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.64	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.60	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.96	

07 21 13 13-0041

Mechanically Fastened, Extruded Polystyrene, Foam Board Insulation (07 21 13

(13-0025)

Note: 15 PSI compressive strength. Mechanically fastened to wood or steel.



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 13-0042	SF	3/8" Thick, R1.9, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	.....	1.97	0.37
		For Horizontal Surface Application, Deduct	.....	-0.07	
		For Vapor Barrier, Integral With Insulation, Add	.....	0.05	
		For 25 PSI Compressive Strength, Add	.....	0.20	
		For 40 PSI Compressive Strength, Add	.....	0.47	
		For 60 PSI Compressive Strength, Add	.....	0.76	
		For 115 PSI Compressive Strength, Add	.....	3.26	
		For Mechanically Fastened To Concrete, Add	.....	1.54	
		For Mechanically Fastened To Gypsum, Add	.....	2.05	
		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	.....	2.11	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	.....	2.55	
		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	.....	3.16	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	.....	3.81	
07 21 13 13-0043	SF	1/2" Thick, R2.5, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	.....	2.34	0.37
		For Horizontal Surface Application, Deduct	.....	-0.07	
		For Vapor Barrier, Integral With Insulation, Add	.....	0.05	
		For 25 PSI Compressive Strength, Add	.....	0.26	
		For 40 PSI Compressive Strength, Add	.....	0.61	
		For 60 PSI Compressive Strength, Add	.....	0.97	
		For 115 PSI Compressive Strength, Add	.....	4.21	
		For Mechanically Fastened To Concrete, Add	.....	1.54	
		For Mechanically Fastened To Gypsum, Add	.....	2.05	
		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	.....	2.11	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	.....	2.55	
		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	.....	3.16	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	.....	3.81	
07 21 13 13-0044	SF	3/4" Thick, R3.7, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	.....	2.64	0.37
		For Horizontal Surface Application, Deduct	.....	-0.07	
		For Vapor Barrier, Integral With Insulation, Add	.....	0.05	
		For 25 PSI Compressive Strength, Add	.....	0.31	
		For 40 PSI Compressive Strength, Add	.....	0.73	
		For 60 PSI Compressive Strength, Add	.....	1.14	
		For 115 PSI Compressive Strength, Add	.....	4.98	
		For Mechanically Fastened To Concrete, Add	.....	1.54	
		For Mechanically Fastened To Gypsum, Add	.....	2.05	
		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	.....	2.11	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	.....	2.55	
		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	.....	3.16	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	.....	3.81	
07 21 13 13-0045	SF	1" Thick, R5.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	.....	2.48	0.37
		For Horizontal Surface Application, Deduct	.....	-0.07	
		For Vapor Barrier, Integral With Insulation, Add	.....	0.05	
		For 25 PSI Compressive Strength, Add	.....	0.28	
		For 40 PSI Compressive Strength, Add	.....	0.66	
		For 60 PSI Compressive Strength, Add	.....	1.05	
		For 115 PSI Compressive Strength, Add	.....	4.55	
		For Mechanically Fastened To Concrete, Add	.....	1.54	
		For Mechanically Fastened To Gypsum, Add	.....	2.05	
		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	.....	2.11	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	.....	2.55	
		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	.....	3.16	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	.....	3.81	
07 21 13 13-0046	SF	2" Thick, R10.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	.....	3.84	0.38
		For Horizontal Surface Application, Deduct	.....	-0.08	
		For Vapor Barrier, Integral With Insulation, Add	.....	0.05	
		For 25 PSI Compressive Strength, Add	.....	0.49	
		For 40 PSI Compressive Strength, Add	.....	1.17	
		For 60 PSI Compressive Strength, Add	.....	1.82	
		For 115 PSI Compressive Strength, Add	.....	7.97	
		For Mechanically Fastened To Concrete, Add	.....	1.59	
		For Mechanically Fastened To Gypsum, Add	.....	1.99	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	.....	0.90	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	.....	2.18	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	.....	2.58	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	.....	1.35	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	.....	3.23	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	.....	3.86	

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 13-0047	SF	3" Thick, R15.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	.....	5.20	0.39
		For Horizontal Surface Application, Deduct	.....	-0.08	
		For Vapor Barrier, Integral With Insulation, Add	.....	0.05	
		For 25 PSI Compressive Strength, Add	.....	0.70	
		For 40 PSI Compressive Strength, Add	.....	1.67	
		For 60 PSI Compressive Strength, Add	.....	2.59	
		For 115 PSI Compressive Strength, Add	.....	11.39	
		For Mechanically Fastened To Concrete, Add	.....	1.63	
		For Mechanically Fastened To Gypsum, Add	.....	2.07	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	.....	1.02	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	.....	2.31	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	.....	2.75	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	.....	1.54	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	.....	3.47	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	.....	4.12	
07 21 13 13-0048	SF	4" Thick, R20.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	.....	5.98	0.40
		For Horizontal Surface Application, Deduct	.....	-0.08	
		For Vapor Barrier, Integral With Insulation, Add	.....	0.05	
		For 25 PSI Compressive Strength, Add	.....	0.83	
		For 40 PSI Compressive Strength, Add	.....	1.96	
		For 60 PSI Compressive Strength, Add	.....	3.04	
		For 115 PSI Compressive Strength, Add	.....	13.37	
		For Mechanically Fastened To Concrete, Add	.....	1.68	
		For Mechanically Fastened To Gypsum, Add	.....	2.07	
		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	.....	2.52	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	.....	2.91	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	.....	1.83	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	.....	3.77	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	.....	4.36	
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	.....	2.41	0.47
		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 16-0004	SF	2" Thick, R5.2, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Cold Adhesive Applied	.....	3.49	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 16-0005	SF	3" Thick, R7.8, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Cold Adhesive Applied	.....	4.58	0.65
		For Horizontal Surface Application, Deduct	.....	-0.11	
		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	.....	4.23	0.37
		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 16-0008	SF	1-1/2" Thick, R6.0, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	.....	5.62	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 16-0009	SF	2" Thick, R8.0, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	.....	6.96	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 16-0010	SF	2-1/2" Thick, R10.0, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	.....	8.05	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 16-0011	SF	3" Thick, R12.4, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	.....	9.13	0.39
		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 16-0012		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.			



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 16-0014	SF		1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Mechanically Fastened.....	2.22	0.47
			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	1.54	
			For Mechanically Fastened To Gypsum, Add	2.05	
			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	2.11	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.55	
			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	3.16	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81	
07 21 13 16-0015	SF		2" Thick, R5.2, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Mechanically Fastened.....	3.39	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	1.59	
			For Mechanically Fastened To Gypsum, Add	1.99	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.90	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.18	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.58	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.35	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.23	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.86	
07 21 13 16-0016	SF		3" Thick, R7.8, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Mechanically Fastened.....	4.57	0.65
			For Horizontal Surface Application, Deduct	-0.11	
			For Vapor Barrier, Integral With Insulation, Add	0.05	
			For Factory Painted On One Surface Add	0.17	
			For Mechanically Fastened To Concrete, Add	1.63	
			For Mechanically Fastened To Gypsum, Add	2.07	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.02	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.31	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.75	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.54	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.47	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.12	
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.....	4.15	0.37
			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	1.54	
			For Mechanically Fastened To Gypsum, Add	2.05	
			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	2.11	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.55	
			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	3.16	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81	
07 21 13 16-0019	SF		1-1/2" Thick, R6.0, Fiberglass, Fibrous Board Insulation, Mechanically Fastened	5.64	0.38
			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	1.59	
			For Mechanically Fastened To Gypsum, Add	1.99	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.90	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.18	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.55	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.35	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.23	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81	
07 21 13 16-0020	SF		2" Thick, R8.0, Fiberglass, Fibrous Board Insulation, Mechanically Fastened.....	6.99	0.38
			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	1.59	
			For Mechanically Fastened To Gypsum, Add	1.99	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.90	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.18	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.58	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.35	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.23	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.86	

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 16-0021	SF	2-1/2" Thick, R10.0, Fiberglass, Fibrous Board Insulation, Mechanically Fastened.....	8.19	0.38
		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	1.63	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.02	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.31	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.54	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.47	
		For Mechanically Fastened To Gypsum, Add	2.01	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.69	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.04	
07 21 13 16-0022	SF	3" Thick, R12.4, Fiberglass, Fibrous Board Insulation, Mechanically Fastened.....	9.27	0.39
		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	1.63	
		For Mechanically Fastened To Gypsum, Add	2.07	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.02	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.31	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.75	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.54	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.47	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.12	
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	1.85	0.42
		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 19-0004	SF	25/32" Thick, R1.9, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	2.18	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 19-0005	SF	1" Thick, R2.5, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	2.53	0.47
		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 19-0006	SF	1-1/2" Thick, R3.8, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	3.11	0.51
		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 19-0007	SF	2" Thick, R5.0, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	3.71	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 19-0008	SF	3" Thick, R7.5, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	4.91	0.65
		For Horizontal Surface Application, Deduct	-0.11	
		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.....	1.66	0.42
		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	1.54	
		For Mechanically Fastened To Gypsum, Add	2.05	
		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	2.11	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.55	
		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	3.16	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81	
07 21 13 19-0012	SF	25/32" Thick, R1.9, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened.....	1.99	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	1.54	
		For Mechanically Fastened To Gypsum, Add	2.05	
		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	2.11	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.55	
		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	3.16	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81	



Thermal And Moisture Protection			07
Thermal Protection			07 20
Thermal Insulation			07 21

MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
07 21 13 19-0013	SF	1" Thick, R2.5, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened.....	2.33	0.47
		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	1.54	
		For Mechanically Fastened To Gypsum, Add	2.05	
		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	2.11	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.55	
		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	3.16	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81	
07 21 13 19-0014	SF	1-1/2" Thick, R3.8, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened	3.01	0.51
		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	1.59	
		For Mechanically Fastened To Gypsum, Add	1.99	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.90	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.18	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.55	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.35	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.23	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81	
07 21 13 19-0015	SF	2" Thick, R5.0, High-Density Fiberboard, Mineral 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	1.59	
		For Mechanically Fastened To Gypsum, Add	1.99	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.90	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.18	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.58	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.35	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.23	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.86	
07 21 13 19-0016	SF	3" Thick, R7.5, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened.....	4.90	0.65
		For Horizontal Surface Application, Deduct	-0.11	
		For Vapor Barrier, Integral With Insulation, Add	0.05	
		For Factory Painted On One Surface Add	0.17	
		For Mechanically Fastened To Concrete, Add	1.63	
		For Mechanically Fastened To Gypsum, Add	2.07	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.02	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.31	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.75	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.54	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.47	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.12	
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	1.41	0.43
		For >1,600, Deduct	-0.16	
07 21 16 00-0004	SF	3-1/2" Thick, Kraft Faced, R-13 Fiberglass Flexible Insulation	1.52	0.43
		For >1,600, Deduct	-0.18	
07 21 16 00-0005	SF	3-1/2" Thick, Kraft Faced, R-15 Fiberglass Flexible Insulation	1.56	0.43
		For >1,600, Deduct	-0.19	
07 21 16 00-0006	SF	5-1/2" Thick, Kraft Faced, R-21 Fiberglass Flexible Insulation	2.09	0.43
		For >1,600, Deduct	-0.29	
07 21 16 00-0007	SF	6-1/4" Thick, Kraft Faced, R-19 Fiberglass Flexible Insulation	1.77	0.43
		For >1,600, Deduct	-0.22	
07 21 16 00-0008	SF	9-1/2" Thick, Kraft Faced, R-30 Fiberglass Flexible Insulation	2.47	0.53
		For >1,600, Deduct	-0.34	
07 21 16 00-0009	SF	12" Thick, Kraft Faced, R-38 Fiberglass Flexible Insulation.....	2.80	0.53
		For >1,600, Deduct	-0.38	
07 21 16 00-0010		Unfaced, Fiberglass Flexible Insulation (07 21 16 00-0001)		
07 21 16 00-0011	SF	3-1/2" Thick, Unfaced, R-11 Fiberglass Flexible Insulation.....	1.33	0.43
		For >1,600, Deduct	-0.14	
07 21 16 00-0012	SF	3-1/2" Thick, Unfaced, R-13 Fiberglass Flexible Insulation.....	1.46	0.43
		For >1,600, Deduct	-0.17	
07 21 16 00-0013	SF	3-1/2" Thick, Unfaced, R-15 Fiberglass Flexible Insulation.....	1.96	0.43
		For >1,600, Deduct	-0.27	
07 21 16 00-0014	SF	5-1/2" Thick, Unfaced, R-21 Fiberglass Flexible Insulation.....	2.01	0.43
		For >1,600, Deduct	-0.27	
07 21 16 00-0015	SF	6-1/4" Thick, Unfaced, R-19 Fiberglass Flexible Insulation.....	1.72	0.43
		For >1,600, Deduct	-0.21	

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 16 00-0016	SF	9-1/2" Thick, Unfaced, R-30 Fiberglass Flexible Insulation..... <i>For >1,600, Deduct</i>	2.32 -0.31	0.53
07 21 16 00-0017	SF	12" Thick, Unfaced, R-38 Fiberglass Flexible Insulation..... <i>For >1,600, Deduct</i>	2.71 -0.36	0.53
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 <i>For >1,600, Deduct</i>	1.62 -0.20	0.43
07 21 16 00-0020	SF	3-1/2" Thick, Foil Faced, R-13 Fiberglass Flexible Insulation <i>For >1,600, Deduct</i>	1.81 -0.24	0.43
07 21 16 00-0021	SF	6-1/4" Thick, Foil Faced, R-19 Fiberglass Flexible Insulation <i>For >1,600, Deduct</i>	2.04 -0.27	0.43
07 21 16 00-0022	SF	10-1/4" Thick, Foil Faced, R-38 Fiberglass Flexible Insulation <i>For >1,600, Deduct</i>	2.88 -0.40	0.53
07 21 16 00-0023	SF	12" Thick, Foil Faced, R-38 Fiberglass Flexible Insulation <i>For >1,600, Deduct</i>	3.16 -0.45	0.53
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 <i>For >1,600, Deduct</i>	1.45 -0.16	0.43
07 21 16 00-0026	SF	3-1/2" Thick, Poly-Encapsulated, R-13 Fiberglass Flexible Insulation <i>For >1,600, Deduct</i>	1.56 -0.19	0.43
07 21 16 00-0027	SF	5-1/2" Thick, Poly-Encapsulated, R-21 Fiberglass Flexible Insulation <i>For >1,600, Deduct</i>	2.16 -0.30	0.43
07 21 16 00-0028	SF	6-1/2" Thick, Poly-Encapsulated, R-19 Fiberglass Flexible Insulation <i>For >1,600, Deduct</i>	1.79 -0.22	0.43
07 21 16 00-0029	SF	8-1/4" Thick, Poly-Encapsulated, R-25 Fiberglass Flexible Insulation <i>For >1,600, Deduct</i>	2.40 -0.33	0.53
07 21 16 00-0030	SF	10-1/4" Thick, Poly-Encapsulated, R-30 Fiberglass Flexible Insulation <i>For >1,600, Deduct</i>	2.71 -0.36	0.53
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..... <i>For >1,600, Deduct</i>	1.58 -0.19	0.43
07 21 16 00-0034	SF	6-1/4" Kraft Faced, R-19 Mineral Wool Flexible Insulation..... <i>For >1,600, Deduct</i>	2.12 -0.29	0.43
07 21 16 00-0035	SF	9-1/2" Kraft Faced, R-30 Mineral Wool Flexible Insulation..... <i>For >1,600, Deduct</i>	3.32 -0.51	0.43
07 21 16 00-0036	SF	12" Kraft Faced, R-38 Mineral Wool Flexible Insulation..... <i>For >1,600, Deduct</i>	3.95 -0.61	0.43
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..... <i>For >1,600, Deduct</i>	1.47 -0.17	0.43
07 21 16 00-0039	SF	6-1/4" Unfaced, R-19 Mineral Wool Flexible Insulation..... <i>For >1,600, Deduct</i>	1.94 -0.25	0.43
07 21 16 00-0040	SF	9-1/2" Unfaced, R-30 Mineral Wool Flexible Insulation..... <i>For >1,600, Deduct</i>	2.98 -0.44	0.43
07 21 16 00-0041	SF	12" Unfaced, R-38 Mineral Wool Flexible Insulation..... <i>For >1,600, Deduct</i>	3.54 -0.53	0.43
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 <i>For >1,600, Deduct</i>	2.17 -0.31	0.43
07 21 16 00-0045	SF	5-1/2", R-19 UltraTouch™ Natural Cotton Insulation <i>For >1,600, Deduct</i>	2.43 -0.36	0.43
07 21 16 00-0046	SF	5-1/2", R-21 UltraTouch™ Natural Cotton Insulation <i>For >1,600, Deduct</i>	2.72 -0.41	0.43
07 21 16 00-0047	SF	8", R-30 UltraTouch™ Natural Cotton Insulation <i>For >1,600, Deduct</i>	3.63 -0.58	0.43
07 21 19		Foamed-In-Place Insulation (07 21)		
07 21 19 00-0001		Polyurethane Foam Insulation, Sprayed On (07 21 19)		
07 21 19 00-0002	EA	Foamed-In-Place, Spray Polyurethane Insulation Minimum Charge Note: For projects where the total foamed-in-place insulation 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.	1,385.25	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 19 00-0003	SF	1" Thick, R3.8, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation.....	1.46		
		For Up To 250 SF, Add	0.54		
		For >250 To 500 SF, Add	0.27		
		For >500 To 1,000 SF, Add	0.12		
		For >5,000 To 10,000 SF, Deduct	-0.17		
		For >10,000 SF, Deduct	-0.43		
07 21 19 00-0004	SF	1-1/2" Thick, R5.7, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	1.99		
		For Up To 250 SF, Add	0.72		
		For >250 To 500 SF, Add	0.36		
		For >500 To 1,000 SF, Add	0.15		
		For >5,000 To 10,000 SF, Deduct	-0.23		
		For >10,000 SF, Deduct	-0.56		
07 21 19 00-0005	SF	2" Thick, R7.6, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation.....	2.50		
		For Up To 250 SF, Add	0.88		
		For >250 To 500 SF, Add	0.44		
		For >500 To 1,000 SF, Add	0.19		
		For >5,000 To 10,000 SF, Deduct	-0.28		
		For >10,000 SF, Deduct	-0.69		
07 21 19 00-0006	SF	2-1/2" Thick, R9.5, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	3.02		
		For Up To 250 SF, Add	1.05		
		For >250 To 500 SF, Add	0.52		
		For >500 To 1,000 SF, Add	0.22		
		For >5,000 To 10,000 SF, Deduct	-0.34		
		For >10,000 SF, Deduct	-0.82		
07 21 19 00-0007	SF	3" Thick, R11.4, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation.....	3.54		
		For Up To 250 SF, Add	1.21		
		For >250 To 500 SF, Add	0.61		
		For >500 To 1,000 SF, Add	0.26		
		For >5,000 To 10,000 SF, Deduct	-0.39		
		For >10,000 SF, Deduct	-0.95		
07 21 19 00-0008	SF	3-1/2" Thick, R13.3, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	4.06		
		For Up To 250 SF, Add	1.38		
		For >250 To 500 SF, Add	0.69		
		For >500 To 1,000 SF, Add	0.30		
		For >5,000 To 10,000 SF, Deduct	-0.45		
		For >10,000 SF, Deduct	-1.08		
07 21 19 00-0009	SF	4" Thick, R15.2, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation.....	4.58		
		For Up To 250 SF, Add	1.55		
		For >250 To 500 SF, Add	0.77		
		For >500 To 1,000 SF, Add	0.33		
		For >5,000 To 10,000 SF, Deduct	-0.50		
		For >10,000 SF, Deduct	-1.21		
07 21 19 00-0010	SF	4-1/2" Thick, R17.1, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	5.10		
		For Up To 250 SF, Add	1.71		
		For >250 To 500 SF, Add	0.86		
		For >500 To 1,000 SF, Add	0.37		
		For >5,000 To 10,000 SF, Deduct	-0.56		
		For >10,000 SF, Deduct	-1.34		
07 21 19 00-0011	SF	5" Thick, R19.0, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation.....	5.62		
		For Up To 250 SF, Add	1.88		
		For >250 To 500 SF, Add	0.94		
		For >500 To 1,000 SF, Add	0.41		
		For >5,000 To 10,000 SF, Deduct	-0.61		
		For >10,000 SF, Deduct	-1.47		
07 21 19 00-0012	SF	5-1/2" Thick, R20.9, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	6.15		
		For Up To 250 SF, Add	2.05		
		For >250 To 500 SF, Add	1.03		
		For >500 To 1,000 SF, Add	0.44		
		For >5,000 To 10,000 SF, Deduct	-0.67		
		For >10,000 SF, Deduct	-1.61		
07 21 19 00-0013	SF	6" Thick, R22.8, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation.....	6.67		
		For Up To 250 SF, Add	2.22		
		For >250 To 500 SF, Add	1.11		
		For >500 To 1,000 SF, Add	0.48		
		For >5,000 To 10,000 SF, Deduct	-0.72		
		For >10,000 SF, Deduct	-1.74		
07 21 19 00-0014	SF	1" Thick, R6.5, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	2.82		
		For Up To 250 SF, Add	1.04		
		For >250 To 500 SF, Add	0.52		
		For >500 To 1,000 SF, Add	0.22		
		For >5,000 To 10,000 SF, Deduct	-0.33		
		For >10,000 SF, Deduct	-0.82		
07 21 19 00-0015	SF	1-1/2" Thick, R9.75, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	3.75		
		For Up To 250 SF, Add	1.32		
		For >250 To 500 SF, Add	0.66		
		For >500 To 1,000 SF, Add	0.28		
		For >5,000 To 10,000 SF, Deduct	-0.42		
		For >10,000 SF, Deduct	-1.04		
07 21 19 00-0016	SF	2" Thick, R13.0, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	4.58		
		For Up To 250 SF, Add	1.55		
		For >250 To 500 SF, Add	0.77		
		For >500 To 1,000 SF, Add	0.33		
		For >5,000 To 10,000 SF, Deduct	-0.50		
		For >10,000 SF, Deduct	-1.21		

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 00-0017	SF	2-1/2" Thick, R16.25, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	5.51	
		For Up To 250 SF, Add	1.83	
		For >250 To 500 SF, Add	0.91	
		For >500 To 1,000 SF, Add	0.40	
		For >5,000 To 10,000 SF, Deduct	-0.59	
		For >10,000 SF, Deduct	-1.43	
07 21 19 00-0018	SF	3" Thick, R19.5, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	6.34	
		For Up To 250 SF, Add	2.05	
		For >250 To 500 SF, Add	1.03	
		For >500 To 1,000 SF, Add	0.45	
		For >5,000 To 10,000 SF, Deduct	-0.67	
		For >10,000 SF, Deduct	-1.61	
07 21 19 00-0019	SF	3-1/2" Thick, R22.75, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	7.29	
		For Up To 250 SF, Add	2.34	
		For >250 To 500 SF, Add	1.17	
		For >500 To 1,000 SF, Add	0.51	
		For >5,000 To 10,000 SF, Deduct	-0.77	
		For >10,000 SF, Deduct	-1.83	
07 21 19 00-0020	SF	4" Thick, R26.0, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	8.11	
		For Up To 250 SF, Add	2.57	
		For >250 To 500 SF, Add	1.29	
		For >500 To 1,000 SF, Add	0.56	
		For >5,000 To 10,000 SF, Deduct	-0.85	
		For >10,000 SF, Deduct	-2.01	
07 21 19 00-0021	SF	4-1/2" Thick, R29.25, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	9.04	
		For Up To 250 SF, Add	2.85	
		For >250 To 500 SF, Add	1.42	
		For >500 To 1,000 SF, Add	0.63	
		For >5,000 To 10,000 SF, Deduct	-0.94	
		For >10,000 SF, Deduct	-2.22	
07 21 19 00-0022	SF	5" Thick, R32.5, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	9.87	
		For Up To 250 SF, Add	3.08	
		For >250 To 500 SF, Add	1.54	
		For >500 To 1,000 SF, Add	0.68	
		For >5,000 To 10,000 SF, Deduct	-1.02	
		For >10,000 SF, Deduct	-2.40	
07 21 19 00-0023	SF	5-1/2" Thick, R35.75, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	10.80	
		For Up To 250 SF, Add	3.36	
		For >250 To 500 SF, Add	1.68	
		For >500 To 1,000 SF, Add	0.74	
		For >5,000 To 10,000 SF, Deduct	-1.11	
		For >10,000 SF, Deduct	-2.62	
07 21 19 00-0024	SF	6" Thick, R39.0, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	11.63	
		For Up To 250 SF, Add	3.59	
		For >250 To 500 SF, Add	1.79	
		For >500 To 1,000 SF, Add	0.79	
		For >5,000 To 10,000 SF, Deduct	-1.19	
		For >10,000 SF, Deduct	-2.79	
07 21 19 00-0025		Expanding Foam Insulation To Fill Hollow Metal Door Frames (07 21 19)		
07 21 19 00-0026	LF	Expanding Foam Insulation To Fill 4-3/4" Deep Hollow Metal Door Frame	4.55	
07 21 19 00-0027	LF	Expanding Foam Insulation To Fill 5-3/4" Deep Hollow Metal Door Frame	5.68	
07 21 19 00-0028	LF	Expanding Foam Insulation To Fill 6-3/4" Deep Hollow Metal Door Frame	6.81	
07 21 19 00-0029	LF	Expanding Foam Insulation To Fill 8-3/4" Through 8-3/4" Deep Hollow Metal Door Frame	8.00	
07 21 19 00-0030	LF	Expanding Foam Insulation To Fill 8-7/8" Through 13" Deep Hollow Metal Door Frame	9.27	
07 21 19 00-0031		Expanding Foam Insulation To Fill Window Frames (07 21 19)		
07 21 19 00-0032	LF	Expanding Foam Insulation To Fill Window Frame	4.45	
07 21 23		Loose-Fill Insulation (07 21)		
07 21 23 00-0001		Poured Type, Loose Fill Insulation (07 21 23)		
07 21 23 00-0002	CF	R-4/Inch, Poured Type, Fiberglass Loose Fill Insulation	6.34	2.48
07 21 23 00-0003	CF	R-3.8/Inch, Poured Type, Cellulose Loose Fill Insulation	6.42	2.48
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	9.08	2.48
07 21 23 00-0006	CF	R-4, Polystyrene Foam, Concrete Block Wall Cavity Insulation	8.99	2.48
07 21 26		Blown Insulation (07 21)		
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	4-1/2" Thick, R-11 Attic, Fiberglass Blown In Insulation	1.41	1.15
07 21 26 00-0004	SF	5-1/4" Thick, R-13 Attic, Fiberglass Blown In Insulation	1.57	1.26
07 21 26 00-0005	SF	6-1/2" Thick, R-17 Attic, Fiberglass Blown In Insulation	1.74	1.38
07 21 26 00-0006	SF	7-1/2" Thick, R-19 Attic, Fiberglass Blown In Insulation	1.95	1.50
07 21 26 00-0007	SF	8-1/2" Thick, R-22 Attic, Fiberglass Blown In Insulation	2.06	1.55



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 26 00-0008	SF		10-1/4" Thick, R-26 Attic, Fiberglass Blown In Insulation.....	2.22	1.61
07 21 26 00-0009	SF		11-1/2" Thick, R-30 Attic, Fiberglass Blown In Insulation.....	2.38	1.66
07 21 26 00-0010	SF		12-1/2" Thick, R-32 Attic, Fiberglass Blown In Insulation.....	2.51	1.73
07 21 26 00-0011	SF		13-1/2" Thick, R-35 Attic, Fiberglass Blown In Insulation.....	2.69	1.84
07 21 26 00-0012	SF		14-1/2" Thick, R-38 Attic, Fiberglass Blown In Insulation.....	2.83	1.90
07 21 26 00-0013	SF		16-1/2" Thick, R-44 Attic, Fiberglass Blown In Insulation.....	3.03	1.95
07 21 26 00-0014	SF		18-1/2" Thick, R-49 Attic, Fiberglass Blown In Insulation.....	3.29	2.07
07 21 26 00-0015	SF		21-3/4" Thick, R-60 Attic, Fiberglass Blown In Insulation.....	3.81	2.30
07 21 26 00-0016			New Wall, Fiberglass Blown-In Insulation (07 21 26 00-0001)		
07 21 26 00-0017	SF		3-1/2" Thick, R-15 New Wall, Fiberglass Blown In Insulation	2.04	1.15
07 21 26 00-0018	SF		5-1/2" Thick, R-23 New Wall, Fiberglass Blown In Insulation	2.71	1.38
07 21 26 00-0019	SF		7-1/4" Thick, R-31 New Wall, Fiberglass Blown In Insulation	3.21	1.50
07 21 26 00-0020	SF		9-1/4" Thick, R-39 New Wall, Fiberglass Blown In Insulation	3.80	1.61
07 21 26 00-0021			Existing Wall, Fiberglass Blown-In Insulation (07 21 26 00-0001)		
			Note: Includes drilling. Excludes patching.		
07 21 26 00-0022	SF		3-1/2" Thick, R-15 Existing Wall, Fiberglass Blown In Insulation	1.94	1.15
07 21 26 00-0023	SF		5-1/2" Thick, R-23 Existing Wall, Fiberglass Blown In Insulation	2.60	1.38
07 21 26 00-0024	SF		7-1/4" Thick, R-31 Existing Wall, Fiberglass Blown In Insulation	3.10	1.50
07 21 26 00-0025	SF		9-1/4" Thick, R-39 Existing Wall, Fiberglass Blown In Insulation	3.69	1.61
07 21 26 00-0026			Cellulose Blown-In Insulation (07 21 26)		
07 21 26 00-0027			Attic, Cellulose Blown-In Insulation (07 21 26 00-0026)		
07 21 26 00-0028	SF		3-3/4" Thick, R-13 Attic, Cellulose Blown In Insulation	1.40	1.15
07 21 26 00-0029	SF		5-1/2" Thick, R-19 Attic, Cellulose Blown In Insulation	1.65	1.26
07 21 26 00-0030	SF		6-1/4" Thick, R-22 Attic, Cellulose Blown In Insulation	1.84	1.38
07 21 26 00-0031	SF		7-3/4" Thick, R-28 Attic, Cellulose Blown In Insulation	2.11	1.50
07 21 26 00-0032	SF		8-1/2" Thick, R-30 Attic, Cellulose Blown In Insulation	2.15	1.50
07 21 26 00-0033	SF		10-3/4" Thick, R-38 Attic, Cellulose Blown In Insulation	2.45	1.61
07 21 26 00-0034	SF		11-1/4" Thick, R-40 Attic, Cellulose Blown In Insulation	2.51	1.61
07 21 26 00-0035	SF		12-1/2" Thick, R-45 Attic, Cellulose Blown In Insulation	2.74	1.73
07 21 26 00-0036	SF		13-3/4" Thick, R-50 Attic, Cellulose Blown In Insulation	2.88	1.73
07 21 26 00-0037	SF		15-1/2" Thick, R-59 Attic, Cellulose Blown In Insulation	3.10	1.84
07 21 26 00-0038	SF		16-1/2" Thick, R-60 Attic, Cellulose Blown In Insulation	3.24	1.84
07 21 26 00-0039			New Wall, Cellulose Blown-In Insulation (07 21 26 00-0026)		
07 21 26 00-0040	SF		3-1/2" Thick, R-13 New Wall, Cellulose Blown In Insulation	1.80	1.15
07 21 26 00-0041	SF		5-1/2" Thick, R-20 New Wall, Cellulose Blown In Insulation	2.34	1.38
07 21 26 00-0042	SF		7-1/4" Thick, R-27 New Wall, Cellulose Blown In Insulation	2.71	1.50
07 21 26 00-0043	SF		9-1/4" Thick, R-34 New Wall, Cellulose Blown In Insulation	3.15	1.61
07 21 26 00-0044			Existing Wall, Cellulose Blown-In Insulation (07 21 26 00-0026)		
			Note: Includes drilling. Excludes patching.		
07 21 26 00-0045	SF		3-1/2" Thick, R-13 Existing Wall, Cellulose Blown In Insulation.....	1.69	1.15
07 21 26 00-0046	SF		5-1/2" Thick, R-20 Existing Wall, Cellulose Blown In Insulation.....	2.23	1.38
07 21 26 00-0047	SF		7-1/4" Thick, R-27 Existing Wall, Cellulose Blown In Insulation.....	2.60	1.50
07 21 26 00-0048	SF		9-1/4" Thick, R-34 Existing Wall, Cellulose Blown In Insulation.....	3.04	1.61
07 21 29			Sprayed Insulation (07 21)		
07 21 29 00-0001			Fiber Sprayed On Insulation (07 21 29)		
			Note: Per each 1" of thickness.		
07 21 29 00-0002	SF		1" Thick, R2.7, Spray-on Perlite Insulation	2.45	0.71
07 21 29 00-0003	SF		1" Thick, R3.7, Spray-on Fibrous/Cementitious Insulation.....	1.80	0.71
07 21 29 00-0004			Cellulose Sprayed On Insulation (07 21 29)		
07 21 29 00-0005	SF		1" Thick, Spray-on Cellulose Insulation	3.50	0.71
07 21 53			Reflective Insulation (07 21)		
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.....	1.12	
07 21 53 00-0003			Reflective Radiant Foil Backed Paper (07 21 53)		
07 21 53 00-0004	CSF		Reflective Radiant Foil Backed Kraft Paper With Tape.....	70.35	22.89
			For >15' To 20' Installed Height, Add	4.57	
			For >20' To 25' Installed Height, Add	6.65	
			For >25' To 30' Installed Height, Add	11.42	

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 Roof and Deck Insulation (07 20)**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. See CSI section 07 22 16 00-0466 for demolition of insulation board.

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	2.38
07 22 16 00-0005	SF	25/32" Thick, R1.9, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied	2.75
07 22 16 00-0006	SF	1" Thick, R2.5, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied	3.12
07 22 16 00-0007	SF	1-1/2" Thick, R3.8, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied	3.77
07 22 16 00-0008	SF	2" Thick, R5, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied	4.42

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	2.69
07 22 16 00-0011	SF	1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Cold Adhesive Applied	3.00

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	2.31
07 22 16 00-0014	SF	1/2" Thick, R1.32, Perlite, Roof Board Insulation, Cold Adhesive Applied	2.31
07 22 16 00-0015	SF	3/4" Thick, R2.08, Perlite, Roof Board Insulation, Cold Adhesive Applied	2.53
07 22 16 00-0016	SF	1" Thick, R2.78, Perlite, Roof Board Insulation, Cold Adhesive Applied	2.78
07 22 16 00-0017	SF	1-1/2" Thick, R4.17, Perlite, Roof Board Insulation, Cold Adhesive Applied	3.40
07 22 16 00-0018	SF	2" Thick, R5.56, Perlite, Roof Board Insulation, Cold Adhesive Applied	3.79

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	3.12
07 22 16 00-0021	SF	2" Thick, R7.4, Basalt Mineral Wool, Roof Board Insulation, Cold Adhesive Applied	4.10
07 22 16 00-0022	SF	3" Thick, R11.1, Basalt Mineral Wool, Roof Board Insulation, Cold Adhesive Applied	5.27

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	5.59
07 22 16 00-0025	SF	2" Thick, R6.88, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied	6.54
07 22 16 00-0026	SF	2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied	8.45
07 22 16 00-0027	SF	3-1/2" Thick, R12.04, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied	12.63

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	2.19
		For Loose-Laid, Deduct	-1.20
07 22 16 00-0030	SF	1/2" Thick, R1.93, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	2.18
		For Loose-Laid, Deduct	-1.20
07 22 16 00-0031	SF	3/4" Thick, R2.89, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	2.41
		For Loose-Laid, Deduct	-1.20
07 22 16 00-0032	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	2.64
		For Loose-Laid, Deduct	-1.20
07 22 16 00-0033	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	3.58
		For Loose-Laid, Deduct	-1.22
07 22 16 00-0034	SF	3" Thick, R11.55, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	4.51
		For Loose-Laid, Deduct	-1.23
07 22 16 00-0035	SF	4" Thick, R15.40, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	5.44
		For Loose-Laid, Deduct	-1.24
07 22 16 00-0036	SF	5" Thick, R19.25, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	6.37
		For Loose-Laid, Deduct	-1.26
07 22 16 00-0037	SF	6" Thick, R23.1, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	7.30
		For Loose-Laid, Deduct	-1.27

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	3.19
		For Loose-Laid, Deduct	-1.23
		For 25 PSI Compressive Strength, Add	0.34
		For 40 PSI Compressive Strength, Add	0.80
		For 60 PSI Compressive Strength, Add	1.27
		For 115 PSI Compressive Strength, Add	5.51



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0040	SF	1" Thick, R5.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	.....	3.03	
		For Loose-Laid, Deduct	.....	-1.23	
		For 25 PSI Compressive Strength, Add	.....	0.31	
		For 40 PSI Compressive Strength, Add	.....	0.73	
		For 60 PSI Compressive Strength, Add	.....	1.17	
		For 115 PSI Compressive Strength, Add	.....	5.07	
07 22 16 00-0041	SF	1-1/2" Thick, R7.5, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	.....	4.15	
		For Loose-Laid, Deduct	.....	-1.23	
		For 25 PSI Compressive Strength, Add	.....	0.49	
		For 40 PSI Compressive Strength, Add	.....	1.16	
		For 60 PSI Compressive Strength, Add	.....	1.82	
		For 100 PSI Compressive Strength, Add	.....	2.34	
		For 115 PSI Compressive Strength, Add	.....	7.95	
07 22 16 00-0042	SF	2" Thick, R10.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	.....	4.29	
		For Loose-Laid, Deduct	.....	-1.24	
		For 25 PSI Compressive Strength, Add	.....	0.51	
		For 40 PSI Compressive Strength, Add	.....	1.20	
		For 60 PSI Compressive Strength, Add	.....	1.89	
		For 115 PSI Compressive Strength, Add	.....	8.26	
07 22 16 00-0043	SF	2-1/2" Thick, R12.5, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	.....	5.73	
		For Loose-Laid, Deduct	.....	-1.24	
		For 25 PSI Compressive Strength, Add	.....	0.74	
		For 40 PSI Compressive Strength, Add	.....	1.75	
		For 60 PSI Compressive Strength, Add	.....	2.73	
		For 100 PSI Compressive Strength, Add	.....	3.51	
		For 115 PSI Compressive Strength, Add	.....	11.96	
07 22 16 00-0044	SF	3" Thick, R15.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	.....	5.56	
		For Loose-Laid, Deduct	.....	-1.26	
		For 25 PSI Compressive Strength, Add	.....	0.71	
		For 40 PSI Compressive Strength, Add	.....	1.68	
		For 60 PSI Compressive Strength, Add	.....	2.62	
		For 115 PSI Compressive Strength, Add	.....	11.45	
07 22 16 00-0045	SF	4" Thick, R20.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	.....	6.21	
		For Loose-Laid, Deduct	.....	-1.27	
		For 25 PSI Compressive Strength, Add	.....	0.80	
		For 40 PSI Compressive Strength, Add	.....	1.91	
		For 60 PSI Compressive Strength, Add	.....	2.98	
		For 115 PSI Compressive Strength, Add	.....	13.05	
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	.....	2.85	
		For Loose-Laid, Deduct	.....	-1.23	
		For Foil Facer, Add	.....	0.36	
		For 25 PSI Compressive Strength, Add	.....	0.18	
07 22 16 00-0048	SF	1" Thick, R5.7, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	.....	2.97	
		For Loose-Laid, Deduct	.....	-1.23	
		For Foil Facer, Add	.....	0.36	
		For 25 PSI Compressive Strength, Add	.....	0.19	
07 22 16 00-0049	SF	1-1/2" Thick, R8.6, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	.....	3.14	
		For Loose-Laid, Deduct	.....	-1.24	
		For Foil Facer, Add	.....	0.36	
		For 25 PSI Compressive Strength, Add	.....	0.20	
07 22 16 00-0050	SF	2" Thick, R11.4, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	.....	3.59	
		For Loose-Laid, Deduct	.....	-1.24	
		For Foil Facer, Add	.....	0.36	
		For 25 PSI Compressive Strength, Add	.....	0.25	
07 22 16 00-0051	SF	2-1/2" Thick, R14.4, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	.....	4.05	
		For Loose-Laid, Deduct	.....	-1.25	
		For Foil Facer, Add	.....	0.36	
		For 25 PSI Compressive Strength, Add	.....	0.29	
07 22 16 00-0052	SF	3" Thick, R17.4, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	.....	4.51	
		For Loose-Laid, Deduct	.....	-1.26	
		For Foil Facer, Add	.....	0.36	
		For 25 PSI Compressive Strength, Add	.....	0.34	
07 22 16 00-0053	SF	3-1/2" Thick, R20.5, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	.....	5.00	
		For Loose-Laid, Deduct	.....	-1.26	
		For Foil Facer, Add	.....	0.36	
		For 25 PSI Compressive Strength, Add	.....	0.38	
07 22 16 00-0054	SF	4" Thick, R23.6, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied	.....	5.45	
		For Loose-Laid, Deduct	.....	-1.27	
		For Foil Facer, Add	.....	0.36	
		For 25 PSI Compressive Strength, Add	.....	0.43	
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	.....	3.23	
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	.....	3.05	
07 22 16 00-0059	SF	3/8" Thick, R0.3, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied	.....	3.24	

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 00-0060	SF	1/2" Thick, R0.5, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied	3.37		
07 22 16 00-0061	SF	5/8" Thick, R0.6, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied	3.43		
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.....	2.99		
07 22 16 00-0064	SF	1/2" Thick, R0.53, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Cold Adhesive Applied.....	3.27		
07 22 16 00-0065	SF	5/8" Thick, R0.54, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Cold Adhesive Applied.....	3.34		
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.....	5.21		
07 22 16 00-0068	SF	2" Thick, R9.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied.....	5.47		
07 22 16 00-0069	SF	2.5" Thick, R12.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied.....	5.83		
07 22 16 00-0070	SF	3" Thick, R15.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied.....	6.06		
07 22 16 00-0071	SF	3.5" Thick, R18.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied.....	6.58		
07 22 16 00-0072	SF	4" Thick, R21.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied.....	6.81		
07 22 16 00-0073	SF	4.5" Thick, R24.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied.....	7.15		
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	5.26		
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	5.72		
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	6.28		
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	6.65		
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	7.11		
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	7.61		
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	8.51		
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.....	2.11		
07 22 16 00-0085	SF	25/32" Thick, R1.9, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped.....	2.47		
07 22 16 00-0086	SF	1" Thick, R2.5, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped.....	2.84		
07 22 16 00-0087	SF	1-1/2" Thick, R3.8, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped.....	3.51		
07 22 16 00-0088	SF	2" Thick, R5, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped.....	4.18		
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	2.41		
07 22 16 00-0091	SF	1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Hot-Mopped	2.73		
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	2.01		
07 22 16 00-0094	SF	3/4" Thick, R2.08, Perlite, Roof Board Insulation, Hot-Mopped	2.21		
07 22 16 00-0095	SF	1" Thick, R2.78, Perlite, Roof Board Insulation, Hot-Mopped	2.48		
07 22 16 00-0096	SF	1-1/2" Thick, R4.17, Perlite, Roof Board Insulation, Hot-Mopped	3.10		
07 22 16 00-0097	SF	2" Thick, R5.56, Perlite, Roof Board Insulation, Hot-Mopped	3.49		
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.....	2.82		
07 22 16 00-0100	SF	2" Thick, R7.4, Basalt Mineral Wool, Roof Board Insulation, Hot-Mopped.....	3.80		
07 22 16 00-0101	SF	3" Thick, R11.1, Basalt Mineral Wool, Roof Board Insulation, Hot-Mopped.....	4.99		
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	5.28		
07 22 16 00-0104	SF	2" Thick, R6.88, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped.....	6.24		



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0105	SF		2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped	8.17	
07 22 16 00-0106	SF		3-1/2" Thick, R12.04, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped	12.35	
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	1.89	
07 22 16 00-0109	SF		1/2" Thick, R1.93, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	1.88	
07 22 16 00-0110	SF		3/4" Thick, R2.89, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	2.00	
07 22 16 00-0111	SF		1" Thick, R3.85, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	2.33	
07 22 16 00-0112	SF		2" Thick, R7.70, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	3.26	
07 22 16 00-0113	SF		3" Thick, R11.55, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	4.21	
07 22 16 00-0114	SF		4" Thick, R15.40, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	5.13	
07 22 16 00-0115	SF		5" Thick, R19.25, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	6.08	
07 22 16 00-0116	SF		6" Thick, R23.1, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	7.01	
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	2.88	
			For 25 PSI Compressive Strength, Add	0.27	
			For 40 PSI Compressive Strength, Add	0.64	
			For 60 PSI Compressive Strength, Add	1.04	
			For 115 PSI Compressive Strength, Add	4.46	
07 22 16 00-0119	SF		1" Thick, R5.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	2.73	
			For 25 PSI Compressive Strength, Add	0.24	
			For 40 PSI Compressive Strength, Add	0.58	
			For 60 PSI Compressive Strength, Add	0.94	
			For 115 PSI Compressive Strength, Add	4.03	
07 22 16 00-0120	SF		1-1/2" Thick, R7.5, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	3.85	
			For 25 PSI Compressive Strength, Add	0.42	
			For 40 PSI Compressive Strength, Add	1.00	
			For 60 PSI Compressive Strength, Add	1.59	
			For 100 PSI Compressive Strength, Add	2.04	
			For 115 PSI Compressive Strength, Add	6.91	
07 22 16 00-0121	SF		2" Thick, R10.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	4.13	
			For 25 PSI Compressive Strength, Add	0.44	
			For 40 PSI Compressive Strength, Add	1.05	
			For 60 PSI Compressive Strength, Add	1.67	
			For 115 PSI Compressive Strength, Add	7.23	
07 22 16 00-0122	SF		2-1/2" Thick, R12.5, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	16.56	
			For 25 PSI Compressive Strength, Add	0.67	
			For 40 PSI Compressive Strength, Add	1.60	
			For 60 PSI Compressive Strength, Add	3.05	
			For 100 PSI Compressive Strength, Add	3.77	
			For 115 PSI Compressive Strength, Add	12.03	
07 22 16 00-0123	SF		3" Thick, R15.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	5.28	
			For 25 PSI Compressive Strength, Add	0.64	
			For 40 PSI Compressive Strength, Add	1.52	
			For 60 PSI Compressive Strength, Add	2.38	
			For 115 PSI Compressive Strength, Add	10.41	
07 22 16 00-0124	SF		4" Thick, R20.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	5.92	
			For 25 PSI Compressive Strength, Add	0.74	
			For 40 PSI Compressive Strength, Add	1.76	
			For 60 PSI Compressive Strength, Add	2.74	
			For 115 PSI Compressive Strength, Add	12.00	
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	2.55	
			For Foil Facer, Add	0.36	
			For 25 PSI Compressive Strength, Add	0.14	
07 22 16 00-0127	SF		1" Thick, R5.7, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	2.67	
			For Foil Facer, Add	0.36	
			For 25 PSI Compressive Strength, Add	0.15	
07 22 16 00-0128	SF		1-1/2" Thick, R8.6, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	2.83	
			For Foil Facer, Add	0.36	
			For 25 PSI Compressive Strength, Add	0.16	
07 22 16 00-0129	SF		2" Thick, R11.4, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	3.29	
			For Foil Facer, Add	0.36	
			For 25 PSI Compressive Strength, Add	0.21	
07 22 16 00-0130	SF		2-1/2" Thick, R14.4, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	3.77	
			For Foil Facer, Add	0.36	
			For 25 PSI Compressive Strength, Add	0.25	
07 22 16 00-0131	SF		3" Thick, R17.4, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	4.23	
			For Foil Facer, Add	0.36	
			For 25 PSI Compressive Strength, Add	0.30	
07 22 16 00-0132	SF		3-1/2" Thick, R20.5, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	4.59	
			For Foil Facer, Add	0.36	
			For 25 PSI Compressive Strength, Add	0.34	
07 22 16 00-0133	SF		4" Thick, R23.6, Polyisocyanurate, Roof Board Insulation, Hot-Mopped	5.15	
			For Foil Facer, Add	0.36	
			For 25 PSI Compressive Strength, Add	0.39	

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 00-0134		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.....	2.78
07 22 16 00-0136	SF	3/8" Thick, R0.3, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped.....	2.97
07 22 16 00-0137	SF	1/2" Thick, R0.5, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped.....	3.09
07 22 16 00-0138	SF	5/8" Thick, R0.6, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped.....	3.16
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.....	2.72
07 22 16 00-0141	SF	1/2" Thick, R0.53, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Hot-Mopped.....	3.00
07 22 16 00-0142	SF	5/8" Thick, R0.54, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Hot-Mopped.....	3.06
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.....	2.19
		For Mechanically Fastened To Concrete, Add	1.54
		For Mechanically Fastened To Gypsum, Add	2.05
		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	2.44
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.55
		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	3.45
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81
07 22 16 00-0146	SF	25/32" Thick, R1.9, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened.....	2.56
		For Mechanically Fastened To Concrete, Add	1.54
		For Mechanically Fastened To Gypsum, Add	2.05
		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	2.46
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.55
		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	3.47
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81
07 22 16 00-0147	SF	1" Thick, R2.5, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened.....	2.92
		For Mechanically Fastened To Concrete, Add	1.54
		For Mechanically Fastened To Gypsum, Add	2.05
		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	2.49
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.55
		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	3.50
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81
07 22 16 00-0148	SF	1-1/2" Thick, R3.8, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened.....	3.67
		For Mechanically Fastened To Concrete, Add	1.59
		For Mechanically Fastened To Gypsum, Add	2.05
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.90
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.18
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.55
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.35
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.26
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81
07 22 16 00-0149	SF	2" Thick, R5, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened.....	4.32
		For Mechanically Fastened To Concrete, Add	1.59
		For Mechanically Fastened To Gypsum, Add	1.99
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.90
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.18
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.58
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.35
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.26
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.86
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.....	2.49
		For Mechanically Fastened To Concrete, Add	1.54
		For Mechanically Fastened To Gypsum, Add	2.05
		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	2.49
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.55
		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	3.50
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0152	SF		1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Mechanically Fastened 2.81 For Mechanically Fastened To Concrete, Add 1.54 For Mechanically Fastened To Gypsum, Add 2.05 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 2.49 For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add 2.55 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 3.50 For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add 3.81		
07 22 16 00-0153			Mechanically Fastened, Perlite, Roof Board Insulation (07 22 16 00-0153) Note: Mechanically fastened to wood or steel.		
07 22 16 00-0154	SF		1/2" Thick, R1.32, Perlite, Roof Board Insulation, Mechanically Fastened 2.12 For Mechanically Fastened To Concrete, Add 1.54 For Mechanically Fastened To Gypsum, Add 2.05 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 2.39 For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add 2.55 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 3.40 For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add 3.81		
07 22 16 00-0155	SF		3/4" Thick, R2.08, Perlite, Roof Board Insulation, Mechanically Fastened 2.33 For Mechanically Fastened To Concrete, Add 1.54 For Mechanically Fastened To Gypsum, Add 2.05 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 2.39 For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add 2.55 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 3.40 For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add 3.81		
07 22 16 00-0156	SF		1" Thick, R2.78, Perlite, Roof Board Insulation, Mechanically Fastened 2.59 For Mechanically Fastened To Concrete, Add 1.54 For Mechanically Fastened To Gypsum, Add 2.05 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 2.39 For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add 2.55 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 3.40 For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add 3.81		
07 22 16 00-0157	SF		1-1/2" Thick, R4.17, Perlite, Roof Board Insulation, Mechanically Fastened 3.29 For Mechanically Fastened To Concrete, Add 1.59 For Mechanically Fastened To Gypsum, Add 2.05 For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add 0.90 For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add 2.18 For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add 2.55 For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add 1.35 For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add 3.26 For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add 3.81		
07 22 16 00-0158	SF		2" Thick, R5.56, Perlite, Roof Board Insulation, Mechanically Fastened 3.69 For Mechanically Fastened To Concrete, Add 1.59 For Mechanically Fastened To Gypsum, Add 1.99 For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add 0.90 For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add 2.18 For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add 2.58 For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add 1.35 For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add 3.26 For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add 3.86		
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.		
07 22 16 00-0160	SF		1" Thick, R3.5, Basalt Mineral Wool, Roof Board Insulation, Mechanically Fastened.....2.93 For Mechanically Fastened To Concrete, Add 1.54 For Mechanically Fastened To Gypsum, Add 2.05 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 2.39 For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add 2.55 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 3.40 For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add 3.81		
07 22 16 00-0161	SF		2" Thick, R7.4, Basalt Mineral Wool, Roof Board Insulation, Mechanically Fastened.....4.00 For Mechanically Fastened To Concrete, Add 1.59 For Mechanically Fastened To Gypsum, Add 1.99 For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add 0.90 For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add 2.18 For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add 2.58 For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add 1.35 For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add 3.26 For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add 3.86		

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 00-0162	SF	3" Thick, R11.1, Basalt Mineral Wool, Roof Board Insulation, Mechanically Fastened.....	5.26	
		For Mechanically Fastened To Concrete, Add	1.63	
		For Mechanically Fastened To Gypsum, Add	2.07	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.02	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.69	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.80	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.54	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.85	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.12	
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.....	5.48	
		For Mechanically Fastened To Concrete, Add	1.59	
		For Mechanically Fastened To Gypsum, Add	2.05	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.90	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.18	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.55	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.35	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.26	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81	
07 22 16 00-0165	SF	2" Thick, R6.88, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened.....	6.44	
		For Mechanically Fastened To Concrete, Add	1.59	
		For Mechanically Fastened To Gypsum, Add	1.99	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.90	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.18	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.58	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.35	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.26	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.86	
07 22 16 00-0166	SF	2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened.....	8.44	
		For Mechanically Fastened To Concrete, Add	1.63	
		For Mechanically Fastened To Gypsum, Add	2.07	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.02	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.69	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.80	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.54	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.85	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.12	
07 22 16 00-0167	SF	3-1/2" Thick, R12.04, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened.....	12.77	
		For Mechanically Fastened To Concrete, Add	1.68	
		For Mechanically Fastened To Gypsum, Add	2.00	
		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	2.52	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	3.22	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.83	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.77	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.63	
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.....	1.99	
		For Mechanically Fastened To Concrete, Add	1.54	
		For Mechanically Fastened To Gypsum, Add	2.05	
		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	2.37	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.55	
		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	3.38	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81	
07 22 16 00-0170	SF	1/2" Thick, R1.93, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened.....	1.98	
		For Mechanically Fastened To Concrete, Add	1.54	
		For Mechanically Fastened To Gypsum, Add	2.05	
		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	2.37	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.55	
		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	3.38	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81	
07 22 16 00-0171	SF	3/4" Thick, R2.89, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened.....	2.22	
		For Mechanically Fastened To Concrete, Add	1.54	
		For Mechanically Fastened To Gypsum, Add	2.05	
		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	2.37	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.55	
		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	3.38	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0172	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	2.45		
		For Mechanically Fastened To Concrete, Add	1.54		
		For Mechanically Fastened To Gypsum, Add	2.05		
		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	2.37		
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.55		
		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	3.38		
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81		
07 22 16 00-0173	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	3.47		
		For Mechanically Fastened To Concrete, Add	1.59		
		For Mechanically Fastened To Gypsum, Add	1.99		
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.90		
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.18		
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.58		
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.35		
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.26		
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.86		
07 22 16 00-0174	SF	3" Thick, R11.55, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	4.50		
		For Mechanically Fastened To Concrete, Add	1.63		
		For Mechanically Fastened To Gypsum, Add	2.07		
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.02		
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.67		
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.80		
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.54		
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.83		
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.12		
07 22 16 00-0175	SF	4" Thick, R15.40, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	5.58		
		For Mechanically Fastened To Concrete, Add	1.68		
		For Mechanically Fastened To Gypsum, Add	2.07		
		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	2.52		
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.91		
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.83		
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.77		
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.36		
07 22 16 00-0176	SF	5" Thick, R19.25, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	6.70		
		For Mechanically Fastened To Concrete, Add	1.72		
		For Mechanically Fastened To Gypsum, Add	2.03		
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.45		
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.75		
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	3.44		
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.17		
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.12		
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.97		
07 22 16 00-0177	SF	6" Thick, R23.11, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	8.16		
		For Mechanically Fastened To Concrete, Add	1.77		
		For Mechanically Fastened To Gypsum, Add	2.01		
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.76		
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	3.07		
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	3.70		
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.64		
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.60		
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	5.35		
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.			
07 22 16 00-0179	SF	3/4" Thick, R3.7, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	3.00		
		For 25 PSI Compressive Strength, Add	0.31		
		For 40 PSI Compressive Strength, Add	0.73		
		For 60 PSI Compressive Strength, Add	1.16		
		For 115 PSI Compressive Strength, Add	5.02		
		For Mechanically Fastened To Concrete, Add	1.54		
		For Mechanically Fastened To Gypsum, Add	2.05		
		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	2.39		
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.55		
		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	3.40		
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81		
07 22 16 00-0180	SF	1" Thick, R5.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	2.84		
		For 25 PSI Compressive Strength, Add	0.28		
		For 40 PSI Compressive Strength, Add	0.66		
		For 60 PSI Compressive Strength, Add	1.06		
		For 115 PSI Compressive Strength, Add	4.58		
		For Mechanically Fastened To Concrete, Add	1.54		
		For Mechanically Fastened To Gypsum, Add	2.05		
		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	2.39		
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.55		
		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	3.40		
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81		

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 00-0181	SF	1-1/2" Thick, R7.5, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	4.05	
		For 25 PSI Compressive Strength, Add	0.47	
		For 40 PSI Compressive Strength, Add	1.12	
		For 60 PSI Compressive Strength, Add	1.77	
		For 100 PSI Compressive Strength, Add	2.27	
		For 115 PSI Compressive Strength, Add	7.69	
		For Mechanically Fastened To Concrete, Add	1.59	
		For Mechanically Fastened To Gypsum, Add	2.05	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.90	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.18	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.55	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.35	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.26	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81	
07 22 16 00-0182	SF	2" Thick, R10.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened.....	4.19	
		For 25 PSI Compressive Strength, Add	0.49	
		For 40 PSI Compressive Strength, Add	1.17	
		For 60 PSI Compressive Strength, Add	1.84	
		For 115 PSI Compressive Strength, Add	8.00	
		For Mechanically Fastened To Concrete, Add	1.59	
		For Mechanically Fastened To Gypsum, Add	1.99	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.90	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.18	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.58	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.35	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.26	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.86	
07 22 16 00-0183	SF	2-1/2" Thick, R12.5, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	5.72	
		For 25 PSI Compressive Strength, Add	0.74	
		For 40 PSI Compressive Strength, Add	1.75	
		For 60 PSI Compressive Strength, Add	2.72	
		For 100 PSI Compressive Strength, Add	3.51	
		For 115 PSI Compressive Strength, Add	11.93	
		For Mechanically Fastened To Concrete, Add	1.63	
		For Mechanically Fastened To Gypsum, Add	2.01	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.02	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.68	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.69	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.54	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.84	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.04	
07 22 16 00-0184	SF	3" Thick, R15.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened.....	5.55	
		For 25 PSI Compressive Strength, Add	0.70	
		For 40 PSI Compressive Strength, Add	1.67	
		For 60 PSI Compressive Strength, Add	2.61	
		For 115 PSI Compressive Strength, Add	11.42	
		For Mechanically Fastened To Concrete, Add	1.63	
		For Mechanically Fastened To Gypsum, Add	2.07	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.02	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.69	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.80	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.54	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.85	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.12	
07 22 16 00-0185	SF	4" Thick, R20.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened.....	6.35	
		For 25 PSI Compressive Strength, Add	0.83	
		For 40 PSI Compressive Strength, Add	1.96	
		For 60 PSI Compressive Strength, Add	3.06	
		For 115 PSI Compressive Strength, Add	13.40	
		For Mechanically Fastened To Concrete, Add	1.68	
		For Mechanically Fastened To Gypsum, Add	2.07	
		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	2.52	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.91	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.83	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.77	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.36	
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	2.66	
		For Foil Facer, Add	0.36	
		For 25 PSI Compressive Strength, Add	0.16	
		For Mechanically Fastened To Concrete, Add	1.54	
		For Mechanically Fastened To Gypsum, Add	2.05	
		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	2.39	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.55	
		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	3.40	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81	



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 00-0188	SF	1"	Thick, R5.7, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	2.78	
			For Foil Facer, Add	0.36	
			For 25 PSI Compressive Strength, Add	0.17	
			For Mechanically Fastened To Concrete, Add	1.54	
			For Mechanically Fastened To Gypsum, Add	2.05	
			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	2.39	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.55	
			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	3.40	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81	
07 22 16 00-0189	SF	1-1/2"	Thick, R8.6, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	3.03	
			For Foil Facer, Add	0.36	
			For 25 PSI Compressive Strength, Add	0.19	
			For Mechanically Fastened To Concrete, Add	1.59	
			For Mechanically Fastened To Gypsum, Add	2.05	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.90	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.18	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.55	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.35	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.26	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81	
07 22 16 00-0190	SF	2"	Thick, R11.4, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	3.49	
			For Foil Facer, Add	0.36	
			For 25 PSI Compressive Strength, Add	0.24	
			For Mechanically Fastened To Concrete, Add	1.59	
			For Mechanically Fastened To Gypsum, Add	1.99	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.90	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.18	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.58	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.35	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.26	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.86	
07 22 16 00-0191	SF	2-1/2"	Thick, R14.4, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	4.04	
			For Foil Facer, Add	0.36	
			For 25 PSI Compressive Strength, Add	0.29	
			For Mechanically Fastened To Concrete, Add	1.63	
			For Mechanically Fastened To Gypsum, Add	2.01	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.02	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.69	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.69	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.54	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.85	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.04	
07 22 16 00-0192	SF	3"	Thick, R17.4, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	4.50	
			For Foil Facer, Add	0.36	
			For 25 PSI Compressive Strength, Add	0.34	
			For Mechanically Fastened To Concrete, Add	1.63	
			For Mechanically Fastened To Gypsum, Add	2.07	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.02	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.69	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.80	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.54	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.85	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.12	
07 22 16 00-0193	SF	3-1/2"	Thick, R20.5, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	5.15	
			For Foil Facer, Add	0.36	
			For 25 PSI Compressive Strength, Add	0.40	
			For Mechanically Fastened To Concrete, Add	1.68	
			For Mechanically Fastened To Gypsum, Add	2.00	
			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	2.52	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	3.22	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.83	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.77	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.63	
07 22 16 00-0194	SF	4"	Thick, R23.6, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	5.59	
			For Foil Facer, Add	0.36	
			For 25 PSI Compressive Strength, Add	0.44	
			For Mechanically Fastened To Concrete, Add	1.68	
			For Mechanically Fastened To Gypsum, Add	2.07	
			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	2.52	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.91	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.83	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.77	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.36	

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 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 00-0196	SF	1/2" Thick, R2.5, High-Density Polyisocyanurate Cover Board And Roofing Insulation, Mechanically Fastened	3.03	
		For Mechanically Fastened To Concrete, Add	1.54	
		For Mechanically Fastened To Gypsum, Add	2.05	
		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	2.44	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.55	
		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	3.45	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81	
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	2.86	
		For Mechanically Fastened To Concrete, Add	1.54	
		For Mechanically Fastened To Gypsum, Add	2.05	
		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	2.44	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.55	
		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	3.45	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81	
07 22 16 00-0199	SF	3/8" Thick, R0.3, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened	3.05	
		For Mechanically Fastened To Concrete, Add	1.54	
		For Mechanically Fastened To Gypsum, Add	2.05	
		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	2.44	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.55	
		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	3.45	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81	
07 22 16 00-0200	SF	1/2" Thick, R0.5, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened	3.17	
		For Mechanically Fastened To Concrete, Add	1.54	
		For Mechanically Fastened To Gypsum, Add	2.05	
		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	2.44	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.55	
		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	3.45	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81	
07 22 16 00-0201	SF	5/8" Thick, R0.6, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened	3.24	
		For Mechanically Fastened To Concrete, Add	1.54	
		For Mechanically Fastened To Gypsum, Add	2.05	
		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	2.44	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.55	
		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	3.45	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81	
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 22 16 00-0203	SF	1/4" Thick, R0.36, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Mechanically Fastened	2.79	
		For Mechanically Fastened To Concrete, Add	1.54	
		For Mechanically Fastened To Gypsum, Add	2.05	
		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	2.44	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.55	
		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	3.45	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81	
07 22 16 00-0204	SF	1/2" Thick, R0.53, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Mechanically Fastened	3.08	
		For Mechanically Fastened To Concrete, Add	1.54	
		For Mechanically Fastened To Gypsum, Add	2.05	
		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	2.44	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.55	
		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	3.45	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81	
07 22 16 00-0205	SF	5/8" Thick, R0.54, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Mechanically Fastened	3.14	
		For Mechanically Fastened To Concrete, Add	1.54	
		For Mechanically Fastened To Gypsum, Add	2.05	
		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	2.44	
		For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.55	
		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	3.45	
		For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.81	



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 00-0206			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	5.11	
			For Mechanically Fastened To Concrete, Add	1.59	
			For Mechanically Fastened To Gypsum, Add	2.05	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.90	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.18	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.58	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.35	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.26	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.86	
07 22 16 00-0208	SF		2" Thick, R9.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	5.37	
			For Mechanically Fastened To Concrete, Add	1.59	
			For Mechanically Fastened To Gypsum, Add	1.99	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.90	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.18	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.58	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.35	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.26	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.86	
07 22 16 00-0209	SF		2.5" Thick, R12.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	5.82	
			For Mechanically Fastened To Concrete, Add	1.63	
			For Mechanically Fastened To Gypsum, Add	2.01	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.02	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.86	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.69	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.54	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.02	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.04	
07 22 16 00-0210	SF		3" Thick, R15.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	6.05	
			For Mechanically Fastened To Concrete, Add	1.63	
			For Mechanically Fastened To Gypsum, Add	2.07	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.02	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.87	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.80	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.54	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.03	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.12	
07 22 16 00-0211	SF		3.5" Thick, R18.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	6.73	
			For Mechanically Fastened To Concrete, Add	1.68	
			For Mechanically Fastened To Gypsum, Add	2.00	
			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	2.52	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	3.41	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.83	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.77	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.82	
07 22 16 00-0212	SF		4" Thick, R21.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	6.95	
			For Mechanically Fastened To Concrete, Add	1.68	
			For Mechanically Fastened To Gypsum, Add	2.07	
			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	2.52	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.91	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.83	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.77	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.36	
07 22 16 00-0213	SF		4.5" Thick, R24.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	7.48	
			For Mechanically Fastened To Concrete, Add	1.72	
			For Mechanically Fastened To Gypsum, Add	2.03	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.45	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.75	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	3.68	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.17	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.12	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	5.21	
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 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 00-0215	SF		2.5" Thick, R5.7, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened.....	5.25	
			For Mechanically Fastened To Concrete, Add	1.63	
			For Mechanically Fastened To Gypsum, Add	2.01	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.02	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.85	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.69	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.54	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.01	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.04	
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.....	5.71	
			For Mechanically Fastened To Concrete, Add	1.63	
			For Mechanically Fastened To Gypsum, Add	2.07	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.02	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.85	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.80	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.54	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.01	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.12	
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.....	6.42	
			For Mechanically Fastened To Concrete, Add	1.68	
			For Mechanically Fastened To Gypsum, Add	2.00	
			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	2.52	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	3.39	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.83	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.77	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.80	
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.....	6.79	
			For Mechanically Fastened To Concrete, Add	1.68	
			For Mechanically Fastened To Gypsum, Add	2.07	
			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	2.52	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.91	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.83	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.77	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.36	
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.....	7.44	
			For Mechanically Fastened To Concrete, Add	1.72	
			For Mechanically Fastened To Gypsum, Add	2.03	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.45	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.75	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	3.63	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.17	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.12	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	5.16	
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.....	7.95	
			For Mechanically Fastened To Concrete, Add	1.72	
			For Mechanically Fastened To Gypsum, Add	2.03	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.45	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.75	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	3.63	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.17	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.12	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	5.16	
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.....	9.11	
			For Mechanically Fastened To Concrete, Add	1.77	
			For Mechanically Fastened To Gypsum, Add	2.01	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.76	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	3.07	
			For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	3.93	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.64	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.60	
			For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	5.58	
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. See CSI section 07 22 16 00-0466 for demolition of insulation 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.....	5.03	
			For 25 PSI Compressive Strength, Add	0.34	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0227	SF		2.75" Average Thickness (15.7 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	6.94 0.40	
			For 25 PSI Compressive Strength, Add		
07 22 16 00-0228	SF		3.25" Average Thickness (18.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	7.55 0.46	
			For 25 PSI Compressive Strength, Add		
07 22 16 00-0229	SF		3.75" Average Thickness (21.4 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	8.15 0.52	
			For 25 PSI Compressive Strength, Add		
07 22 16 00-0230	SF		4.25" Average Thickness (24.2 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	8.76 0.58	
			For 25 PSI Compressive Strength, Add		
07 22 16 00-0231	SF		4.75" Average Thickness (27.1 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	10.69 0.65	
			For 25 PSI Compressive Strength, Add		
07 22 16 00-0232	SF		5.25" Average Thickness (30.0 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	11.29 0.71	
			For 25 PSI Compressive Strength, Add		
07 22 16 00-0233	SF		5.75" Average Thickness (32.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	11.90 0.77	
			For 25 PSI Compressive Strength, Add		
07 22 16 00-0234	SF		6.25" Average Thickness (35.6 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	12.50 0.83	
			For 25 PSI Compressive Strength, Add		
07 22 16 00-0235	SF		6.75" Average Thickness (38.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	14.40 0.89	
			For 25 PSI Compressive Strength, Add		
07 22 16 00-0236			Cold Adhesive Applied, 1/4" Slope, Tapered Polyisocyanurate Board (07 22 16 00-0224)		
07 22 16 00-0237	SF		2" Average Thickness (11.4 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	4.73 0.31	
			For 25 PSI Compressive Strength, Add		
07 22 16 00-0238	SF		3" Average Thickness (17.1 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	7.25 0.43	
			For 25 PSI Compressive Strength, Add		
07 22 16 00-0239	SF		4" Average Thickness (22.8 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	8.45 0.55	
			For 25 PSI Compressive Strength, Add		
07 22 16 00-0240	SF		5" Average Thickness (28.5 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	10.99 0.68	
			For 25 PSI Compressive Strength, Add		
07 22 16 00-0241	SF		6" Average Thickness (34.2 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	12.20 0.80	
			For 25 PSI Compressive Strength, Add		
07 22 16 00-0242	SF		7" Average Thickness (39.9 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	14.70 0.92	
			For 25 PSI Compressive Strength, Add		
07 22 16 00-0243			Cold Adhesive Applied, 1/2" Slope, Tapered Polyisocyanurate Board (07 22 16 00-0224)		
07 22 16 00-0244	SF		3.5" Average Thickness (20.0 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	7.85 0.49	
			For 25 PSI Compressive Strength, Add		
07 22 16 00-0245	SF		5.5" Average Thickness (31.4 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	11.59 0.74	
			For 25 PSI Compressive Strength, Add		
07 22 16 00-0246	SF		7.5" Average Thickness (42.8 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	15.31 0.98	
			For 25 PSI Compressive Strength, Add		
07 22 16 00-0247	SF		9.5" Average Thickness (54.2 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	19.05 1.22	
			For 25 PSI Compressive Strength, Add		
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	4.35	
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	6.27	
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	6.73	
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	7.18	
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	7.63	
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	9.57	

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 00-0256	SF		5.25" Average Thickness (23.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied.....	10.02	
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.....	10.47	
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.....	10.93	
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.....	12.84	
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.....	4.13	
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.....	6.50	
07 22 16 00-0263	SF		4" Average Thickness (18 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied.....	7.41	
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.....	9.79	
07 22 16 00-0265	SF		6" Average Thickness (27 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied.....	10.70	
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.....	13.06	
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.....	6.95	
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.....	10.25	
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.....	13.52	
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.....	17.26	
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.....	4.90	
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.....	6.81	
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.....	7.38	
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.....	7.96	
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.....	8.53	
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.....	10.46	
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.....	11.04	
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.....	11.61	
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.....	12.19	
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.....	14.09	
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.....	4.61	
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.....	7.10	
07 22 16 00-0287	SF		4" Average Thickness (22 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	8.24	
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.....	10.75	
07 22 16 00-0289	SF		6" Average Thickness (33 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	11.90	
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.....	14.37	



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 00-0291			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.....	7.67	
			For Mechanically Fastened To Concrete, Add	1.63	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.07	
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.....	11.32	
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.....	14.95	
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.....	18.60	
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 00-0298)		
07 22 16 00-0298	SF		2.25" Average Thickness (6.26 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	7.11	
07 22 16 00-0299	SF		2.75" Average Thickness (7.65 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	8.13	
07 22 16 00-0300	SF		3.25" Average Thickness (9.04 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	9.39	
07 22 16 00-0301	SF		3.75" Average Thickness (10.43 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	9.77	
07 22 16 00-0302	SF		4.25" Average Thickness (11.82 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	11.03	
07 22 16 00-0303	SF		4.75" Average Thickness (13.21 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	12.05	
07 22 16 00-0304	SF		5.25" Average Thickness (14.60 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	13.32	
07 22 16 00-0305	SF		5.75" Average Thickness (15.99 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	13.69	
07 22 16 00-0306	SF		6.25" Average Thickness (17.38 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	14.95	
07 22 16 00-0307	SF		6.75" Average Thickness (18.77 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	15.97	
07 22 16 00-0308			Cold Adhesive Applied, 1/4" Slope, Tapered Perlite Board (07 22 16 00-0298)		
07 22 16 00-0309	SF		2" Average Thickness (5.56 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	6.47	
07 22 16 00-0310	SF		3" Average Thickness (8.34 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	8.76	
07 22 16 00-0311	SF		4" Average Thickness (11.12 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	10.40	
07 22 16 00-0312	SF		5" Average Thickness (13.9 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	12.68	
07 22 16 00-0313	SF		6" Average Thickness (16.68 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	14.32	
07 22 16 00-0314	SF		7" Average Thickness (19.46 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	16.60	
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.....	10.02	
07 22 16 00-0317	SF		5.5" Average Thickness (15.29 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	13.95	
07 22 16 00-0318	SF		7.5" Average Thickness (20.85 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	17.86	
07 22 16 00-0319	SF		9.5" Average Thickness (26.41 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	21.78	
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.....	4.62	
			For 25 PSI Compressive Strength, Add	0.30	
07 22 16 00-0324	SF		2.75" Average Thickness (15.7 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped.....	6.47	
			For 25 PSI Compressive Strength, Add	0.33	
07 22 16 00-0325	SF		3.25" Average Thickness (18.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped.....	7.07	
			For 25 PSI Compressive Strength, Add	0.39	
07 22 16 00-0326	SF		3.75" Average Thickness (21.4 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped.....	7.38	
			For 25 PSI Compressive Strength, Add	0.45	
07 22 16 00-0327	SF		4.25" Average Thickness (24.2 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped.....	8.28	
			For 25 PSI Compressive Strength, Add	0.51	
07 22 16 00-0328	SF		4.75" Average Thickness (27.1 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped.....	9.97	
			For 25 PSI Compressive Strength, Add	0.53	
07 22 16 00-0329	SF		5.25" Average Thickness (30.0 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped.....	10.57	
			For 25 PSI Compressive Strength, Add	0.59	
07 22 16 00-0330	SF		5.75" Average Thickness (32.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped.....	11.18	
			For 25 PSI Compressive Strength, Add	0.65	
07 22 16 00-0331	SF		6.25" Average Thickness (35.6 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped.....	11.78	
			For 25 PSI Compressive Strength, Add	0.71	
07 22 16 00-0332	SF		6.75" Average Thickness (38.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped.....	13.46	
			For 25 PSI Compressive Strength, Add	0.74	
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.....	4.48	
			For 25 PSI Compressive Strength, Add	0.27	
07 22 16 00-0335	SF		3" Average Thickness (17.1 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped.....	6.77	
			For 25 PSI Compressive Strength, Add	0.36	
07 22 16 00-0336	SF		4" Average Thickness (22.8 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped.....	7.98	
			For 25 PSI Compressive Strength, Add	0.48	
07 22 16 00-0337	SF		5" Average Thickness (28.5 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped.....	10.27	
			For 25 PSI Compressive Strength, Add	0.56	

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 00-0338 SF 6" Average Thickness (34.2 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped.....	11.48	
For 25 PSI Compressive Strength, Add	0.68	
07 22 16 00-0339 SF 7" Average Thickness (39.9 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped.....	13.76	
For 25 PSI Compressive Strength, Add	0.77	
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.....	7.37	
For 25 PSI Compressive Strength, Add	0.42	
07 22 16 00-0342 SF 5.5" Average Thickness (31.4 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped.....	10.87	
For 25 PSI Compressive Strength, Add	0.62	
07 22 16 00-0343 SF 7.5" Average Thickness (42.8 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped.....	14.36	
For 25 PSI Compressive Strength, Add	0.83	
07 22 16 00-0344 SF 9.5" Average Thickness (54.2 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped.....	17.87	
For 25 PSI Compressive Strength, Add	1.04	
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.....	6.21	
07 22 16 00-0348 SF 2.75" Average Thickness (7.65 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped.....	7.65	
07 22 16 00-0349 SF 3.25" Average Thickness (9.04 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped.....	8.92	
07 22 16 00-0350 SF 3.75" Average Thickness (10.43 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped.....	8.64	
07 22 16 00-0351 SF 4.25" Average Thickness (11.82 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped.....	9.90	
07 22 16 00-0352 SF 4.75" Average Thickness (13.21 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped.....	11.33	
07 22 16 00-0353 SF 5.25" Average Thickness (14.60 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped.....	12.60	
07 22 16 00-0354 SF 5.75" Average Thickness (15.99 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped.....	12.32	
07 22 16 00-0355 SF 6.25" Average Thickness (17.38 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped.....	13.58	
07 22 16 00-0356 SF 6.75" Average Thickness (18.77 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped.....	15.02	
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.....	5.57	
07 22 16 00-0359 SF 3" Average Thickness (8.34 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped.....	8.29	
07 22 16 00-0360 SF 4" Average Thickness (11.12 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped.....	9.27	
07 22 16 00-0361 SF 5" Average Thickness (13.9 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped.....	11.96	
07 22 16 00-0362 SF 6" Average Thickness (16.68 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped.....	12.95	
07 22 16 00-0363 SF 7" Average Thickness (19.46 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped.....	15.65	
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.....	9.55	
07 22 16 00-0366 SF 5.5" Average Thickness (15.29 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped.....	13.23	
07 22 16 00-0367 SF 7.5" Average Thickness (20.85 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped.....	71.54	
07 22 16 00-0368 SF 9.5" Average Thickness (26.41 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped.....	20.60	
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 22 16 00-0372 SF 2.25" Average Thickness (12.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	4.93	
For 25 PSI Compressive Strength, Add	0.33	
For Mechanically Fastened To Concrete, Add	1.59	
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.96	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.90	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.18	
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.55	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.35	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.26	
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.81	
07 22 16 00-0373 SF 2.75" Average Thickness (15.7 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	6.29	
For 25 PSI Compressive Strength, Add	0.34	
For Mechanically Fastened To Concrete, Add	1.63	
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.01	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.02	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.31	
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.69	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.54	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.47	
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.04	



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 00-0374	SF	3.25" Average Thickness (18.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	6.89	
		For 25 PSI Compressive Strength, Add	0.40	
		For Mechanically Fastened To Concrete, Add	1.63	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.07	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.02	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.31	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.75	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.54	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.47	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.12	
07 22 16 00-0375	SF	3.75" Average Thickness (21.4 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	7.65	
		For 25 PSI Compressive Strength, Add	0.47	
		For Mechanically Fastened To Concrete, Add	1.68	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.00	
		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	2.52	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.84	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.83	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.77	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.25	
07 22 16 00-0376	SF	4.25" Average Thickness (24.2 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	8.25	
		For 25 PSI Compressive Strength, Add	0.53	
		For Mechanically Fastened To Concrete, Add	1.68	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.07	
		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	2.52	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.91	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.83	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.77	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.36	
07 22 16 00-0377	SF	4.75" Average Thickness (27.1 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	9.72	
		For 25 PSI Compressive Strength, Add	0.55	
		For Mechanically Fastened To Concrete, Add	1.72	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.03	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.45	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.75	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.06	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.17	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.12	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.59	
07 22 16 00-0378	SF	5.25" Average Thickness (30.0 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	10.33	
		For 25 PSI Compressive Strength, Add	0.61	
		For Mechanically Fastened To Concrete, Add	1.72	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.03	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.45	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.75	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.06	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.17	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.12	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.59	
07 22 16 00-0379	SF	5.75" Average Thickness (32.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	11.21	
		For 25 PSI Compressive Strength, Add	0.70	
		For Mechanically Fastened To Concrete, Add	1.77	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.01	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.76	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	3.07	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.31	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.64	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.60	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.96	
07 22 16 00-0380	SF	6.25" Average Thickness (35.6 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	11.81	
		For 25 PSI Compressive Strength, Add	0.76	
		For Mechanically Fastened To Concrete, Add	1.77	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.01	
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.76	
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	3.07	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.31	
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.64	
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.60	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.96	

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 00-0381	SF		6.75" Average Thickness (38.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	13.37	
			For 25 PSI Compressive Strength, Add	0.79	
			For Mechanically Fastened To Concrete, Add	1.77	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.09	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	2.07	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	3.38	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.70	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	3.10	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	5.06	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	5.55	
07 22 16 00-0382			Mechanically Fastened, 1/4" Slope, Tapered Polyisocyanurate Board (07 22 16 00-0370)		
07 22 16 00-0383	SF		2" Average Thickness (11.4 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	4.63	
			For 25 PSI Compressive Strength, Add	0.30	
			For Mechanically Fastened To Concrete, Add	1.59	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.96	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.90	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.18	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.55	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.35	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.26	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.81	
07 22 16 00-0384	SF		3" Average Thickness (17.1 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	6.59	
			For 25 PSI Compressive Strength, Add	0.37	
			For Mechanically Fastened To Concrete, Add	1.63	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.01	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.02	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.31	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.69	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.54	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.47	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.04	
07 22 16 00-0385	SF		4" Average Thickness (22.8 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	7.95	
			For 25 PSI Compressive Strength, Add	0.50	
			For Mechanically Fastened To Concrete, Add	1.68	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.00	
			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	2.52	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.84	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.83	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.77	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.25	
07 22 16 00-0386	SF		5" Average Thickness (28.5 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	10.03	
			For 25 PSI Compressive Strength, Add	0.58	
			For Mechanically Fastened To Concrete, Add	1.72	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.03	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.45	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.75	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.06	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.17	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.12	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.59	
07 22 16 00-0387	SF		6" Average Thickness (34.2 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	11.51	
			For 25 PSI Compressive Strength, Add	0.73	
			For Mechanically Fastened To Concrete, Add	1.77	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.01	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.76	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	3.07	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.31	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.64	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.60	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.96	
07 22 16 00-0388	SF		7" Average Thickness (39.9 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	13.67	
			For 25 PSI Compressive Strength, Add	0.82	
			For Mechanically Fastened To Concrete, Add	1.77	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.09	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	2.07	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	3.38	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.70	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	3.10	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	5.06	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	5.55	
07 22 16 00-0389			Mechanically Fastened, 1/2" Slope, Tapered Polyisocyanurate Board (07 22 16 00-0370)		



Thermal And Moisture Protection			07
Thermal Protection			07 20
Roof and Deck Insulation			07 22

07

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
07 22 16 00-0390	SF 3.5" Average Thickness (20.0 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened		7.19	
	For 25 PSI Compressive Strength, Add		0.43	
	For Mechanically Fastened To Concrete, Add		1.63	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add		2.07	
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add		1.02	
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add		2.31	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add		2.75	
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add		1.54	
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add		3.47	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add		4.12	
07 22 16 00-0391	SF 5.5" Average Thickness (31.4 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened		10.24	
	For 25 PSI Compressive Strength, Add		0.60	
	For Mechanically Fastened To Concrete, Add		1.72	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add		2.03	
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add		1.45	
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add		2.75	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add		3.06	
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add		2.17	
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add		4.12	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add		4.59	
07 22 16 00-0392	SF 7.5" Average Thickness (42.8 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened		14.27	
	For 25 PSI Compressive Strength, Add		0.88	
	For Mechanically Fastened To Concrete, Add		1.77	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add		2.09	
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add		2.07	
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add		3.38	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add		3.70	
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add		3.10	
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add		5.06	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add		5.55	
07 22 16 00-0393	SF 9.5" Average Thickness (54.2 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened		18.17	
	For 25 PSI Compressive Strength, Add		1.14	
	For Mechanically Fastened To Concrete, Add		1.70	
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add		2.90	
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add		4.11	
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add		4.35	
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add		6.16	
07 22 16 00-0394	Mechanically Fastened, Tapered Expanded Polystyrene Board (EPS) (07 22 16 00-0399) 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		4.25	
	For Mechanically Fastened To Concrete, Add		1.59	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add		1.96	
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add		0.90	
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add		2.18	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add		2.55	
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add		1.35	
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add		3.26	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add		3.81	
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		5.62	
	For Mechanically Fastened To Concrete, Add		1.63	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add		2.01	
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add		1.02	
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add		2.31	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add		2.69	
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add		1.54	
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add		3.47	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add		4.04	
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		6.07	
	For Mechanically Fastened To Concrete, Add		1.63	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add		2.07	
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add		1.02	
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add		2.31	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add		2.75	
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add		1.54	
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add		3.47	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add		4.12	

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 00-0399	SF		3.75" Average Thickness (16.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	6.68	
			For Mechanically Fastened To Concrete, Add	1.68	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.00	
			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	2.52	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.84	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.83	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.77	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.25	
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.....	7.13	
			For Mechanically Fastened To Concrete, Add	1.68	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.07	
			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	2.52	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.91	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.83	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.77	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.36	
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.....	8.60	
			For Mechanically Fastened To Concrete, Add	1.72	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.03	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.45	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.75	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.06	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.17	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.12	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.59	
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.....	9.06	
			For Mechanically Fastened To Concrete, Add	1.72	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.03	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.45	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.75	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.06	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.17	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.12	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.59	
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.....	9.78	
			For Mechanically Fastened To Concrete, Add	1.77	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.01	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.76	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	3.07	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.31	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.64	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.60	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.96	
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.....	10.24	
			For Mechanically Fastened To Concrete, Add	1.77	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.01	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.76	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	3.07	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.31	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.64	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.60	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.96	
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.....	11.80	
			For Mechanically Fastened To Concrete, Add	1.77	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.09	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	2.07	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	3.38	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.70	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	3.10	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	5.06	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	5.55	
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.....	4.02	
			For Mechanically Fastened To Concrete, Add	1.59	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.96	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.90	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.18	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.55	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.35	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.26	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.81	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0408	SF		3" Average Thickness (13.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	5.84	
			For Mechanically Fastened To Concrete, Add	1.63	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.01	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.02	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.31	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.69	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.54	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.47	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.04	
07 22 16 00-0409	SF		4" Average Thickness (18 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	6.90	
			For Mechanically Fastened To Concrete, Add	1.68	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.00	
			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	2.52	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.84	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.83	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.77	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.25	
07 22 16 00-0410	SF		5" Average Thickness (22.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	8.83	
			For Mechanically Fastened To Concrete, Add	1.72	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.03	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.45	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.75	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.06	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.17	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.12	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.59	
07 22 16 00-0411	SF		6" Average Thickness (27 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	10.01	
			For Mechanically Fastened To Concrete, Add	1.77	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.01	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.76	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	3.07	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.31	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.64	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.60	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.96	
07 22 16 00-0412	SF		7" Average Thickness (31.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	12.03	
			For Mechanically Fastened To Concrete, Add	1.77	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.09	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	2.07	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	3.38	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.70	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	3.10	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	5.06	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	5.55	
07 22 16 00-0413			Mechanically Fastened, 1/2" Slope, Tapered Expanded Polystyrene Board (EPS) (07 22 16 00-0394)		
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.....	6.30	
			For Mechanically Fastened To Concrete, Add	1.63	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.07	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.02	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.31	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.75	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.54	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.47	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.12	
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.....	9.28	
			For Mechanically Fastened To Concrete, Add	1.72	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.03	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.45	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.75	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.06	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.17	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.12	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.59	
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.....	12.48	
			For Mechanically Fastened To Concrete, Add	1.77	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.09	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	2.07	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	3.38	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.70	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	3.10	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	5.06	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	5.55	

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 00-0417	SF		9.5" Average Thickness (42.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	16.39	
			For Mechanically Fastened To Concrete, Add	1.70	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	2.90	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	4.11	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	4.35	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	6.16	
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.....	4.79	
			For Mechanically Fastened To Concrete, Add	1.59	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.96	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.90	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.18	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.55	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.35	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.26	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.81	
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.....	6.15	
			For Mechanically Fastened To Concrete, Add	1.63	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.01	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.02	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.31	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.69	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.54	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.47	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.04	
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.....	8.07	
			For Mechanically Fastened To Concrete, Add	1.63	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.07	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.02	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.31	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.75	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.54	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.47	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.12	
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.....	7.45	
			For Mechanically Fastened To Concrete, Add	1.68	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.00	
			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	2.52	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.84	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.83	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.77	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.25	
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.....	8.03	
			For Mechanically Fastened To Concrete, Add	1.68	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.07	
			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	2.52	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.91	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.83	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.77	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.36	
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.....	9.50	
			For Mechanically Fastened To Concrete, Add	1.72	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.03	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.45	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.75	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.06	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.17	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.12	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.59	
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.....	10.08	
			For Mechanically Fastened To Concrete, Add	1.72	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.03	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.45	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.75	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.06	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.17	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.12	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.59	



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 00-0427	SF		5.75" Average Thickness (31.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	10.92	
			For Mechanically Fastened To Concrete, Add	1.77	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.01	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.76	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	3.07	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.31	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.64	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.60	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.96	
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.....	11.50	
			For Mechanically Fastened To Concrete, Add	1.77	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.01	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.76	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	3.07	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.31	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.64	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.60	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.96	
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.....	13.05	
			For Mechanically Fastened To Concrete, Add	1.77	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.09	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	2.07	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	3.38	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.70	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	3.10	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	5.06	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	5.55	
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.....	4.51	
			For Mechanically Fastened To Concrete, Add	1.59	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.96	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.90	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.18	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.55	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.35	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.26	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.81	
07 22 16 00-0432	SF		3" Average Thickness (16.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	6.44	
			For Mechanically Fastened To Concrete, Add	1.63	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.01	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.02	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.31	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.69	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.54	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.47	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.04	
07 22 16 00-0433	SF		4" Average Thickness (22 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	7.74	
			For Mechanically Fastened To Concrete, Add	1.68	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.00	
			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	2.52	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.84	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.83	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.77	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.25	
07 22 16 00-0434	SF		5" Average Thickness (27.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	9.79	
			For Mechanically Fastened To Concrete, Add	1.72	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.03	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.45	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.75	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.06	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.17	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.12	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.59	
07 22 16 00-0435	SF		6" Average Thickness (33 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	11.21	
			For Mechanically Fastened To Concrete, Add	1.77	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.01	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.76	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	3.07	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.31	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.64	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.60	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.96	

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 00-0436	SF		7" Average Thickness (38.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	13.34	
			For Mechanically Fastened To Concrete, Add	1.77	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.09	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	2.07	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	3.38	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.70	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	3.10	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	5.06	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	5.55	
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.....	7.01	
			For Mechanically Fastened To Concrete, Add	1.63	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.07	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.02	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.31	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.75	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.54	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.47	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.12	
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.....	10.36	
			For Mechanically Fastened To Concrete, Add	1.72	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.03	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.45	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.75	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.06	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.17	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.12	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.59	
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.....	13.92	
			For Mechanically Fastened To Concrete, Add	1.77	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.09	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	2.07	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	3.38	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.70	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	3.10	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	5.06	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	5.55	
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.....	17.47	
			For Mechanically Fastened To Concrete, Add	1.70	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	2.90	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	4.11	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	4.35	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	6.16	
07 22 16 00-0442			Mechanically Fastened, Tapered Perlite Board (07 22 16 00-0369)		
			Note: Mechanically fastened to wood or steel.		
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.....	6.36	
			For Mechanically Fastened To Concrete, Add	1.59	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.96	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.90	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.18	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.55	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.35	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.26	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.81	
07 22 16 00-0445	SF		2.75" Average Thickness (7.65 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened.....	7.47	
			For Mechanically Fastened To Concrete, Add	1.63	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.01	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.02	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.31	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.69	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.54	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.47	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.04	
07 22 16 00-0446	SF		3.25" Average Thickness (9.04 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened.....	8.74	
			For Mechanically Fastened To Concrete, Add	1.63	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.07	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.02	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.31	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.75	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.54	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.47	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.12	



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 00-0447	SF	3.75"	Average Thickness (10.43 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened.....	8.62	
			For Mechanically Fastened To Concrete, Add	1.68	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.00	
			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	2.52	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.84	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.83	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.77	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.25	
07 22 16 00-0448	SF	4.25"	Average Thickness (11.82 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened.....	9.88	
			For Mechanically Fastened To Concrete, Add	1.68	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.07	
			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	2.52	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.91	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.83	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.77	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.36	
07 22 16 00-0449	SF	4.75"	Average Thickness (13.21 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened.....	11.09	
			For Mechanically Fastened To Concrete, Add	1.72	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.03	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.45	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.75	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.06	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.17	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.12	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.59	
07 22 16 00-0450	SF	5.25"	Average Thickness (14.60 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened.....	12.35	
			For Mechanically Fastened To Concrete, Add	1.72	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.03	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.45	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.75	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.06	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.17	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.12	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.59	
07 22 16 00-0451	SF	5.75"	Average Thickness (15.99 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened.....	12.35	
			For Mechanically Fastened To Concrete, Add	1.77	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.01	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.76	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	3.07	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.31	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.64	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.60	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.96	
07 22 16 00-0452	SF	6.25"	Average Thickness (17.38 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened.....	13.61	
			For Mechanically Fastened To Concrete, Add	1.77	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.01	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.76	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	3.07	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.31	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.64	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.60	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.96	
07 22 16 00-0453	SF	6.75"	Average Thickness (18.77 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened.....	14.93	
			For Mechanically Fastened To Concrete, Add	1.77	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.09	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	2.07	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	3.38	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.70	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	3.10	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	5.06	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	5.55	
07 22 16 00-0454			Mechanically Fastened, 1/4" Slope, Tapered Perlite Board (07 22 16 00-0442)		
07 22 16 00-0455	SF	2"	Average Thickness (5.56 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened.....	5.72	
			For Mechanically Fastened To Concrete, Add	1.59	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.96	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.90	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.18	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.55	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.35	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.26	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.81	
07 22 16 00-0456	SF	3"	Average Thickness (8.34 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened.....	8.10	
			For Mechanically Fastened To Concrete, Add	1.63	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.01	
			For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.02	
			For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.31	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.69	
			For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.54	
			For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.47	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.04	

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 00-0457	SF	4" Average Thickness (11.12 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened.....	9.25		
		For Mechanically Fastened To Concrete, Add	1.68		
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.00		
		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	2.52		
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.84		
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.83		
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.77		
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.25		
07 22 16 00-0458	SF	5" Average Thickness (13.9 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened.....	11.72		
		For Mechanically Fastened To Concrete, Add	1.72		
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.03		
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.45		
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.75		
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.06		
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.17		
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.12		
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.59		
07 22 16 00-0459	SF	6" Average Thickness (16.68 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened.....	12.98		
		For Mechanically Fastened To Concrete, Add	1.77		
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.01		
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.76		
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	3.07		
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.31		
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.64		
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.60		
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.96		
07 22 16 00-0460	SF	7" Average Thickness (19.46 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened.....	15.57		
		For Mechanically Fastened To Concrete, Add	1.77		
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.09		
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	2.07		
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	3.38		
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.70		
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	3.10		
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	5.06		
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	5.55		
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.....	9.36		
		For Mechanically Fastened To Concrete, Add	1.63		
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.07		
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.02		
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.31		
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.75		
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.54		
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.47		
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.12		
07 22 16 00-0463	SF	5.5" Average Thickness (15.29 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened.....	12.98		
		For Mechanically Fastened To Concrete, Add	1.72		
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.03		
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.45		
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.75		
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.06		
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.17		
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.12		
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.59		
07 22 16 00-0464	SF	7.5" Average Thickness (20.85 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened.....	16.83		
		For Mechanically Fastened To Concrete, Add	1.77		
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	2.09		
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	2.07		
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	3.38		
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.70		
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	3.10		
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	5.06		
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	5.55		
07 22 16 00-0465	SF	9.5" Average Thickness (26.41 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened.....	20.90		
		For Mechanically Fastened To Concrete, Add	1.70		
		For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	2.90		
		For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	4.11		
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	3.70		
		For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	4.35		
		For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	6.16		
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	5.55		
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	0.60		
07 22 16 00-0468	SF	Demolish >1/2" To 1" Average Thickness, Rigid Board Roofing Insulation	0.62		
07 22 16 00-0469	SF	Demolish >1" To 2" Average Thickness, Rigid Board Roofing Insulation	0.63		
07 22 16 00-0470	SF	Demolish >2" To 3" Average Thickness, Rigid Board Roofing Insulation	0.66		
07 22 16 00-0471	SF	Demolish >3" To 4" Average Thickness, Rigid Board Roofing Insulation	0.67		
07 22 16 00-0472	SF	Demolish >4" To 5" Average Thickness, Rigid Board Roofing Insulation	0.69		



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0473	SF		Demolish >5" To 6" Average Thickness, Rigid Board Roofing Insulation	0.71	
07 22 16 00-0474	SF		Demolish >6" To 7" Average Thickness, Rigid Board Roofing Insulation	0.72	
07 22 16 00-0475	SF		Demolish >7" To 8" Average Thickness, Rigid Board Roofing Insulation	0.74	
07 22 16 00-0476	SF		Demolish >8" To 9" Average Thickness, Rigid Board Roofing Insulation	0.76	
07 22 16 00-0477	SF		Demolish >9" To 10" Average Thickness, Rigid Board Roofing Insulation	0.77	
07 22 16 00-0478	SF		Demolish >10" To 11" Average Thickness, Rigid Board Roofing Insulation	0.79	
07 22 16 00-0479	SF		Demolish >11" To 12" Average Thickness, Rigid Board Roofing Insulation	0.81	

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	3.81	
		For Up To 100, Add	0.77	
		For >100 To 500, Add	0.38	
		For >5,000, Deduct	-0.15	
		For Adhesive And Mechanically Fastened To Wood Or Steel, Add	1.49	
		For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add	2.23	
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	4.29	
		For Up To 100, Add	0.78	
		For >100 To 500, Add	0.39	
		For >5,000, Deduct	-0.16	
		For Adhesive And Mechanically Fastened To Wood Or Steel, Add	1.52	
		For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add	2.25	
07 24 13 00-0005	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied	4.77	
		For Up To 100, Add	0.79	
		For >100 To 500, Add	0.40	
		For >5,000, Deduct	-0.16	
		For Adhesive And Mechanically Fastened To Wood Or Steel, Add	1.69	
		For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add	2.39	
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	5.24	
		For Up To 100, Add	0.80	
		For >100 To 500, Add	0.40	
		For >5,000, Deduct	-0.16	
		For Adhesive And Mechanically Fastened To Wood Or Steel, Add	1.77	
		For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add	2.51	
07 24 13 00-0007	SF	3" Thick, R11.65, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied	5.71	
		For Up To 100, Add	0.81	
		For >100 To 500, Add	0.41	
		For >5,000, Deduct	-0.16	
		For Adhesive And Mechanically Fastened To Wood Or Steel, Add	1.77	
		For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add	2.51	
07 24 13 00-0008	SF	4" Thick, R15.40, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied	6.63	
		For Up To 100, Add	0.82	
		For >100 To 500, Add	0.41	
		For >5,000, Deduct	-0.16	
		For Adhesive And Mechanically Fastened To Wood Or Steel, Add	2.00	
		For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add	2.69	

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	5.08	
		For Up To 100, Add	1.54	
		For >100 To 500, Add	0.77	
		For >5,000, Deduct	-0.31	
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	5.67	
		For Up To 100, Add	1.54	
		For >100 To 500, Add	0.77	
		For >5,000, Deduct	-0.31	
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	7.27	
		For Up To 100, Add	1.54	
		For >100 To 500, Add	0.77	
		For >5,000, Deduct	-0.31	
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	7.75	
		For Up To 100, Add	1.54	
		For >100 To 500, Add	0.77	
		For >5,000, Deduct	-0.31	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 24 Exterior Insulation and Finish Systems**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

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).....	2.47
		For Up To 100, Add	0.77
		For >100 To 500, Add	0.38
		For >5,000, Deduct	-0.15
07 24 13 00-0016	SF	Acrylic-Modified, Fiber-Reinforced Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Genesis®).....	2.91
		For Up To 100, Add	0.77
		For >100 To 500, Add	0.38
		For >5,000, Deduct	-0.15
07 24 13 00-0017	SF	Water Resistant, Acrylic Co-Polymer Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Dryflex®).....	5.28
		For Up To 100, Add	0.77
		For >100 To 500, Add	0.38
		For >5,000, Deduct	-0.15
07 24 13 00-0018	SF	Hydrostatic Water Resistant, Acrylic Co-Polymer Base Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Dryflex®).....	7.16
		For Up To 100, Add	0.77
		For >100 To 500, Add	0.38
		For >5,000, Deduct	-0.15
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).....	4.13
		For Up To 100, Add	1.54
		For >100 To 500, Add	0.77
		For >5,000, Deduct	-0.31
07 24 13 00-0021	SF	100% Acrylic-Based Aggregate Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit DPR Finish).....	4.22
		For Up To 100, Add	1.54
		For >100 To 500, Add	0.77
		For >5,000, Deduct	-0.31
07 24 13 00-0022	SF	Lightweight Elastic, 100% Acrylic-Based Aggregate Fine Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit E™ Finish).....	4.92
		For Up To 100, Add	1.54
		For >100 To 500, Add	0.77
		For >5,000, Deduct	-0.31
07 24 13 00-0023	SF	Lightweight Elastic, 100% Acrylic-Based Aggregate Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit E™ Finish).....	5.53
		For Up To 100, Add	1.54
		For >100 To 500, Add	0.77
		For >5,000, Deduct	-0.31
07 24 13 00-0024	SF	Mildew Resistant, 100% Acrylic-Based Aggregate Fine Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit PMR™ Finish).....	4.92
		For Up To 100, Add	1.54
		For >100 To 500, Add	0.77
		For >5,000, Deduct	-0.31
07 24 13 00-0025	SF	Mildew Resistant, 100% Acrylic-Based Aggregate Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit PMR™ Finish).....	5.54
		For Up To 100, Add	1.54
		For >100 To 500, Add	0.77
		For >5,000, Deduct	-0.31
07 24 13 00-0026	SF	Flexible Elastomeric, 100% Acrylic-Based Smooth Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Weatherlastic® Smooth).....	4.32
		For Up To 100, Add	1.54
		For >100 To 500, Add	0.77
		For >5,000, Deduct	-0.31
07 24 13 00-0027	SF	Flexible Elastomeric, 100% Acrylic-Based Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Weatherlastic®).....	4.97
		For Up To 100, Add	1.54
		For >100 To 500, Add	0.77
		For >5,000, Deduct	-0.31
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™).....	10.46
		For Up To 100, Add	1.54
		For >100 To 500, Add	0.77
		For >5,000, Deduct	-0.31
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®).....	1.25
		For Up To 100, Add	0.43
		For >100 To 500, Add	0.22
		For >5,000, Deduct	-0.09
07 24 13 00-0031	SF	100% Acrylic Emulsion Primer/Sealer For Exterior Insulation Finishing Systems (EIFS) (Dryvit SealClear™).....	1.28
		For Up To 100, Add	0.43
		For >100 To 500, Add	0.22
		For >5,000, Deduct	-0.09
07 24 13 00-0032		Air/Water/Vapor Barriers For 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

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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	1.76	
			For Up To 100, Add	0.43	
			For >100 To 500, Add	0.22	
			For >5,000, Deduct	-0.09	
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	2.21	
			For Up To 100, Add	0.43	
			For >100 To 500, Add	0.22	
			For >5,000, Deduct	-0.09	
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)	2.76	
			For Up To 100, Add	0.48	
			For >100 To 500, Add	0.24	
			For >5,000, Deduct	-0.10	
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).....	4.08	
07 24 13 00-0039	LF		1-1/2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP).....	4.41	
07 24 13 00-0040	LF		2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP).....	4.80	
07 24 13 00-0041	LF		3" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP).....	5.61	
07 24 13 00-0042	LF		1" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE).....	4.41	
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).....	4.80	
07 24 13 00-0044	LF		2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE).....	5.18	
07 24 13 00-0045	LF		3" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE).....	6.08	
07 24 13 00-0046			Demolish Exterior Insulation Finishing Systems (EIFS) (07 24 13 00-0001)		
07 24 13 00-0047	SF		Demolish Exterior Insulation Finishing Systems (EIFS).....	6.42	
			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	3.21	
			For >100 To 500, Add	1.61	
			For >5,000, Deduct	-0.64	
07 25			Weather Barriers (07)		
07 26			Vapor Retarders (07 26)		
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).....	30.21	
07 26 13 00-0002	CSF		Asphalt Saturated Kraft Building Paper, Grade D (Fortifiber Jumbo Tex).....	27.94	
07 26 13 00-0003	CSF		60 Minute Asphalt Saturated Kraft Building Paper, Grade D (Fortifiber Super Jumbo Tex 60 Minute).....	35.20	
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)	45.84	
07 26 13 00-0005	CSF		Regular Weight Red Rosin Sized Sheathing	25.61	
07 26 13 00-0006	CLF		6" Wide Two Layer Kraft Paper Laminated With Asphalt, Building Flashing Paper (Bond Beam Paper).....	85.95	
07 26 13 00-0007	CLF		4" Wide Self Adhering Butyl Sealing Tape	132.14	
07 26 13 00-0008	CLF		6" Wide Self Adhesive Butyl Sealing Tape	191.60	
07 26 13 00-0009	CLF		9" Wide Self Adhesive Butyl Sealing Tape	267.18	
07 26 13 00-0010	CSF		Building Wrap (Tyvek)	72.22	
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 Leadad Vinyl Acoustic Plenum Barrier 0.48 LB/SF	12.76	3.25
			For Up To 50, Add	4.47	
			For >50 To 200, Add	2.55	
			For >200 To 500, Add	0.96	
			For >2,500, Deduct	-0.64	
07 27 23 00-0003	SF		0.625" Thick Leadad Vinyl Acoustic Plenum Barrier 0.87 LB/SF	13.78	3.25
			For Up To 50, Add	4.87	
			For >50 To 200, Add	2.78	
			For >200 To 500, Add	1.04	
			For >2,500, Deduct	-0.69	
07 27 23 00-0004	SF		Aluminum Foil Fiberglass Reinforced Plenum Bar Parallel With Joists 1" Thick.....	4.77	2.16
			For Up To 50, Add	2.30	
			For >50 To 200, Add	1.27	
			For >200 To 500, Add	0.44	
			For >2,500, Deduct	-0.24	

07 Thermal And Moisture Protection**07 25 Weather Barriers****07 27 Air Barriers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 27 23 00-0005	SF		Aluminum Foil Fiberglass Reinforced Plenum Bar Perpendicular With Joists 1" Thick.....	8.74	3.25
			For Up To 50, Add	4.11	
			For >50 To 200, Add	2.27	
			For >200 To 500, Add	0.79	
			For >2,500, Deduct	-0.44	
07 27 23 00-0006	SF		Aluminum Mesh Barrier For Plenum Kraft Paper Backed.....	6.19	2.16
			For Up To 50, Add	2.51	
			For >50 To 200, Add	1.41	
			For >200 To 500, Add	0.51	
			For >2,500, Deduct	-0.31	
07 27 23 00-0007	SF		1/64" Thick Sheet Lead Barrier For Plenum 1 LB/SF.....	9.93	2.16
			For Up To 50, Add	2.93	
			For >50 To 200, Add	1.72	
			For >200 To 500, Add	0.68	
			For >2,500, Deduct	-0.50	
07 27 23 00-0008			Under Slab Insulation, Extruded Polystyrene (XPS) Sheets (07 27 23)		
07 27 23 00-0009	SF		1" Extruded Polystyrene Foam (XPS) Sheet Under Slab Insulation	2.00	
07 27 23 00-0010	SF		2" Extruded Polystyrene Foam (XPS) Sheet Under Slab Insulation	3.04	
07 27 23 00-0011	SF		3" Extruded Polystyrene Foam (XPS) Sheet Under Slab Insulation	3.96	
07 27 23 00-0012	SF		4" Extruded Polystyrene Foam (XPS) Sheet Under Slab Insulation	4.88	

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)	290.36	198.31
			For >35 To 75, Deduct	-11.00	
			For >75 To 100, Deduct	-17.71	
			For >100 To 200, Deduct	-26.62	
			For >200, Deduct	-40.04	
			For Steep Roof, Over 7 To 12, Add	57.71	
07 31 13 13-0003	SQ		220 LB/SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed XT 25).....	304.52	208.26
			For >35 To 75, Deduct	-11.52	
			For >75 To 100, Deduct	-18.56	
			For >100 To 200, Deduct	-27.90	
			For >200, Deduct	-41.97	
			For Steep Roof, Over 7 To 12, Add	60.59	
07 31 13 13-0004	SQ		230 LB/SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed XT 30).....	350.62	218.65
			For >35 To 75, Deduct	-15.18	
			For >75 To 100, Deduct	-23.18	
			For >100 To 200, Deduct	-34.23	
			For >200, Deduct	-50.24	
			For Steep Roof, Over 7 To 12, Add	63.63	

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).....	362.60	253.16
			For >35 To 75, Deduct	-13.25	
			For >75 To 100, Deduct	-21.65	
			For >100 To 200, Deduct	-32.70	
			For >200, Deduct	-49.51	
			For Steep Roof, Over 7 To 12, Add	73.64	
07 31 13 13-0007	SQ		240 LB/SQ, 8" Exposure, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Highland Slate).....	381.67	241.04
			For >35 To 75, Deduct	-16.25	
			For >75 To 100, Deduct	-24.98	
			For >100 To 200, Deduct	-36.96	
			For >200, Deduct	-54.42	
			For Steep Roof, Over 7 To 12, Add	70.14	
07 31 13 13-0008	SQ		265 LB/SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark Plus).....	413.83	265.82
			For >35 To 75, Deduct	-17.21	
			For >75 To 100, Deduct	-26.70	
			For >100 To 200, Deduct	-39.63	
			For >200, Deduct	-58.60	
			For Steep Roof, Over 7 To 12, Add	77.34	
07 31 13 13-0009	SQ		235 LB/SQ, 8" Exposure, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Hatteras).....	397.42	229.57
			For >35 To 75, Deduct	-18.87	
			For >75 To 100, Deduct	-27.86	
			For >100 To 200, Deduct	-40.63	
			For >200, Deduct	-58.62	
			For Steep Roof, Over 7 To 12, Add	66.78	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 13 13-0010	SQ		300 LB/SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark Premium)	448.20	279.12
			For >35 To 75, Deduct	-19.45	
			For >75 To 100, Deduct	-29.68	
			For >100 To 200, Deduct	-43.81	
			For >200, Deduct	-64.27	
			For Steep Roof, Over 7 To 12, Add	81.18	
07 31 13 13-0011	SQ		300 LB/SQ, 5" Exposure, Random Laminated Tabs, One Piece, Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Independence)	476.71	279.12
			For >35 To 75, Deduct	-22.30	
			For >75 To 100, Deduct	-33.10	
			For >100 To 200, Deduct	-48.37	
			For >200, Deduct	-69.97	
			For Steep Roof, Over 7 To 12, Add	81.18	
07 31 13 13-0012	SQ		355 LB/SQ, 4" Exposure, Sculpted Edge, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Presidential Shake)	520.84	307.69
			For >35 To 75, Deduct	-24.11	
			For >75 To 100, Deduct	-35.92	
			For >100 To 200, Deduct	-52.56	
			For >200, Deduct	-76.19	
			For Steep Roof, Over 7 To 12, Add	89.53	
07 31 13 13-0013	SQ		340 LB/SQ, 5" Exposure, Three Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark TL)	515.54	293.08
			For >35 To 75, Deduct	-24.92	
			For >75 To 100, Deduct	-36.56	
			For >100 To 200, Deduct	-53.19	
			For >200, Deduct	-76.47	
			For Steep Roof, Over 7 To 12, Add	85.23	
07 31 13 13-0014	SQ		300 LB/SQ, 5" Exposure, Reflective Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark Solaris)	511.77	279.12
			For >35 To 75, Deduct	-25.81	
			For >75 To 100, Deduct	-37.31	
			For >100 To 200, Deduct	-53.98	
			For >200, Deduct	-76.98	
			For Steep Roof, Over 7 To 12, Add	81.18	
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)	597.59	307.69
			For >35 To 75, Deduct	-31.78	
			For >75 To 100, Deduct	-45.13	
			For >100 To 200, Deduct	-64.84	
			For >200, Deduct	-91.54	
			For Steep Roof, Over 7 To 12, Add	89.53	
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)	617.58	307.69
			For >35 To 75, Deduct	-33.78	
			For >75 To 100, Deduct	-47.53	
			For >100 To 200, Deduct	-68.04	
			For >200, Deduct	-95.54	
			For Steep Roof, Over 7 To 12, Add	89.53	
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)	685.90	339.28
			For >35 To 75, Deduct	-37.75	
			For >75 To 100, Deduct	-53.01	
			For >100 To 200, Deduct	-75.82	
			For >200, Deduct	-106.34	
			For Steep Roof, Over 7 To 12, Add	98.70	
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)	674.64	323.05
			For >35 To 75, Deduct	-38.09	
			For >75 To 100, Deduct	-53.05	
			For >100 To 200, Deduct	-75.63	
			For >200, Deduct	-105.56	
			For Steep Roof, Over 7 To 12, Add	93.99	
07 31 13 13-0019			Asphalt Shingle Accessories (07 31 13 13)		
07 31 13 13-0020	LF		Hip And Ridge Roll Vent	8.78	1.19
			Note: Excludes shingles.		
07 31 13 13-0021	LF		Three Tab Hip And Ridge Shingles	4.10	2.95
07 31 13 13-0022	LF		Architectural Hip And Ridge Shingles	4.94	3.28
07 31 13 13-0023	SQ		Demolish Each Additional Layer Of Shingles	91.96	
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	773.07	191.13
			For Colors, Anodized Finish, Add	30.00	
			For Bonderized Finish, Add	47.00	
			For 1" Factory Applied Polystyrene, Add	37.00	
07 31 16 00-0003	SQ		Aluminum Shingles, Mill Finish, 0.030" Thick	1,046.53	208.90
			For Colors, Anodized Finish, Add	30.00	
			For Bonderized Finish, Add	47.00	
			For 1" Factory Applied Polystyrene, Add	37.00	
07 31 16 00-0004	LF		Aluminum Shingles, Ridge Cap, 0.020" Thick	14.00	2.75
07 31 16 00-0005	LF		Aluminum Shingles, Ridge Cap, 0.030" Thick	14.64	2.75

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 16 00-0006	LF		Aluminum Shingles, Valley Section, 0.020" Thick.....	9.24	2.75
07 31 16 00-0007	LF		Aluminum Shingles, Valley Section, 0.030" Thick.....	10.51	2.75
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	604.89	166.54
			For Factory Applied 1" Polystyrene Insulation, Add	24.75	
			For >50 To 75, Deduct	-10.87	
			For >75 To 100, Deduct	-27.35	
			For >100 To 200, Deduct	-46.55	
			For >200, Deduct	-63.03	
			For Steep Roof, Over 7 To 12, Add	106.60	
07 31 16 00-0010	SQ		26 Gauge, 0.0217" Thickness, Galvanized Steel Shingles	579.67	165.21
			For Factory Applied 1" Polystyrene Insulation, Add	24.75	
			For >50 To 75, Deduct	-9.97	
			For >75 To 100, Deduct	-25.71	
			For >100 To 200, Deduct	-43.95	
			For >200, Deduct	-59.68	
			For Steep Roof, Over 7 To 12, Add	105.70	
07 31 16 00-0011	SQ		24 Gauge, 0.0276" Thickness, Galvanized And Bonderized Steel Shingles.....	1,001.08	166.54
			For Factory Applied 1" Polystyrene Insulation, Add	24.75	
			For >50 To 75, Deduct	-26.72	
			For >75 To 100, Deduct	-55.08	
			For >100 To 200, Deduct	-90.13	
			For >200, Deduct	-118.50	
			For Steep Roof, Over 7 To 12, Add	106.60	
07 31 16 00-0012	SQ		26 Gauge, 0.0276" Thickness, Galvanized And Bonderized Steel Shingles.....	915.90	165.21
			For Factory Applied 1" Polystyrene Insulation, Add	24.75	
			For >50 To 75, Deduct	-23.42	
			For >75 To 100, Deduct	-49.25	
			For >100 To 200, Deduct	-80.93	
			For >200, Deduct	-106.76	
			For Steep Roof, Over 7 To 12, Add	105.70	
07 31 16 00-0013	LF		Galvanized Steel Shingles, Ridge Or Valley	10.08	2.22
			For Factory Applied 1" Polystyrene Insulation, Add	24.75	
			For >50 To 75, Deduct	-0.23	
			For >75 To 100, Deduct	-0.51	
			For >100 To 200, Deduct	-0.85	
			For >200, Deduct	-1.13	
			For Steep Roof, Over 7 To 12, Add	1.39	
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.....	1,561.83	284.08
			For >50 To 75, Deduct	-37.22	
			For >75 To 100, Deduct	-80.92	
			For >100 To 200, Deduct	-133.93	
			For >200, Deduct	-177.63	
			For Graduated Shapes, Add	139.59	
			For Steep Roof, Over 7 To 12, Add	202.00	
07 31 26 00-0003	SQ		Slate Shingles, Buckingham, Virginia Black, 1/4" Thick.....	1,819.21	284.08
			For >50 To 75, Deduct	-47.52	
			For >75 To 100, Deduct	-98.94	
			For >100 To 200, Deduct	-162.24	
			For >200, Deduct	-213.66	
			For Graduated Shapes, Add	178.20	
			For Steep Roof, Over 7 To 12, Add	202.00	
07 31 26 00-0004	SQ		Slate Shingles, Penn Black Bangor	1,742.00	284.08
			For >50 To 75, Deduct	-44.43	
			For >75 To 100, Deduct	-93.53	
			For >100 To 200, Deduct	-153.75	
			For >200, Deduct	-202.85	
			For Graduated Shapes, Add	166.61	
			For Steep Roof, Over 7 To 12, Add	202.00	
07 31 26 00-0005	SQ		Slate Shingles, Vermont, Unfading Colors, Green.....	1,767.74	284.08
			For >50 To 75, Deduct	-45.46	
			For >75 To 100, Deduct	-95.34	
			For >100 To 200, Deduct	-156.58	
			For >200, Deduct	-206.45	
			For Graduated Shapes, Add	170.48	
			For Steep Roof, Over 7 To 12, Add	202.00	
07 31 26 00-0006	SQ		Slate Shingles, Vermont, Unfading Colors, Semi-Weathered, Green/Gray	1,870.69	284.08
			For >50 To 75, Deduct	-49.58	
			For >75 To 100, Deduct	-102.54	
			For >100 To 200, Deduct	-167.90	
			For >200, Deduct	-220.87	
			For Graduated Shapes, Add	185.92	
			For Steep Roof, Over 7 To 12, Add	202.00	



Thermal And Moisture Protection			07
Steep Slope Roofing			07 30
Shingles and Shakes			07 31

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 26 00-0007	SQ		Slate Shingles, Vermont, Unfading Color, Purple	1,742.00	284.08
			For >50 To 75, Deduct	-44.43	
			For >75 To 100, Deduct	-93.53	
			For >100 To 200, Deduct	-153.75	
			For >200, Deduct	-202.85	
			For Graduated Shapes, Add	166.61	
			For Steep Roof, Over 7 To 12, Add	202.00	
07 31 26 00-0008	SQ		Slate Shingles, Vermont, Unfading Color, Black Or Gray	1,664.79	284.08
			For >50 To 75, Deduct	-41.34	
			For >75 To 100, Deduct	-88.13	
			For >100 To 200, Deduct	-145.25	
			For >200, Deduct	-192.04	
			For Graduated Shapes, Add	155.03	
			For Steep Roof, Over 7 To 12, Add	202.00	
07 31 26 00-0009	SQ		Slate Shingles, Vermont, Unfading Color, Red	3,273.05	284.08
			For >50 To 75, Deduct	-105.67	
			For >75 To 100, Deduct	-200.71	
			For >100 To 200, Deduct	-322.16	
			For >200, Deduct	-417.20	
			For Graduated Shapes, Add	396.27	
			For Steep Roof, Over 7 To 12, Add	202.00	
07 31 26 00-0010	SQ		Slate Shingles, Vermont, Unfading Color, Variegated Purple	1,742.00	284.08
			For >50 To 75, Deduct	-44.43	
			For >75 To 100, Deduct	-93.53	
			For >100 To 200, Deduct	-153.75	
			For >200, Deduct	-202.85	
			For Graduated Shapes, Add	166.61	
			For Steep Roof, Over 7 To 12, Add	202.00	
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.....	913.44	216.91
			For Steep Roof, Over 7 To 12, Add	138.82	
			For Pressure-Impregnated Treated (Preservative), Add	71.94	
07 31 29 13-0004	SQ		5" Exposure, 16" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof.....	661.11	162.68
			For Steep Roof, Over 7 To 12, Add	104.12	
			For Pressure-Impregnated Treated (Preservative), Add	50.36	
07 31 29 13-0005	SQ		4-1/2" Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof.....	812.38	184.38
			For Steep Roof, Over 7 To 12, Add	118.00	
			For Pressure-Impregnated Treated (Preservative), Add	66.54	
07 31 29 13-0006	SQ		5-1/2" Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof.....	665.23	151.84
			For Steep Roof, Over 7 To 12, Add	97.17	
			For Pressure-Impregnated Treated (Preservative), Add	54.23	
07 31 29 13-0007	SQ		5-3/4" Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof.....	891.76	143.71
			For Steep Roof, Over 7 To 12, Add	91.97	
			For Pressure-Impregnated Treated (Preservative), Add	90.65	
07 31 29 13-0008	SQ		7-1/2" Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof.....	688.22	122.01
			For Steep Roof, Over 7 To 12, Add	78.09	
			For Pressure-Impregnated Treated (Preservative), Add	66.63	
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	630.25	195.22
			For Pressure-Impregnated Treated (Preservative), Add	35.97	
07 31 29 13-0011	SQ		8" Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall	618.10	184.38
			For Pressure-Impregnated Treated (Preservative), Add	37.40	
07 31 29 13-0012	SQ		10-1/2" Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall	637.23	159.98
			For Pressure-Impregnated Treated (Preservative), Add	47.59	
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.....	842.90	227.76
			For Steep Roof, Over 7 To 12, Add	145.76	
			For Pressure-Impregnated Treated (Preservative), Add	58.11	
07 31 29 13-0016	SQ		4" Exposure, 16" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof.....	751.09	206.06
			For Steep Roof, Over 7 To 12, Add	131.88	
			For Pressure-Impregnated Treated (Preservative), Add	50.84	
07 31 29 13-0017	SQ		4" Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof.....	803.97	206.06
			For Steep Roof, Over 7 To 12, Add	131.88	
			For Pressure-Impregnated Treated (Preservative), Add	58.78	
07 31 29 13-0018	SQ		4-1/2" Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof.....	717.32	184.38
			For Steep Roof, Over 7 To 12, Add	118.00	
			For Pressure-Impregnated Treated (Preservative), Add	52.29	
07 31 29 13-0019	SQ		5-3/4" Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof.....	709.05	143.71
			For Steep Roof, Over 7 To 12, Add	91.97	
			For Pressure-Impregnated Treated (Preservative), Add	63.25	

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 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	577.87 79.82 49.26	124.72
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	605.82 29.05	206.06
07 31 29 13-0023	SQ		7" Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall For Pressure-Impregnated Treated (Preservative), Add	580.36 29.39	195.22
07 31 29 13-0024	SQ		9" Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall For Pressure-Impregnated Treated (Preservative), Add	568.42 33.20	173.53
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	662.39 112.79 46.49	176.24
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	765.69 112.79 61.98	176.24
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	713.53 91.97 63.92	143.71
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	757.43 91.97 70.50	143.71
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	689.51 46.49	189.79
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	792.81 61.98	189.79
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	751.50 63.92	162.68
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	795.40 70.50	162.68
07 31 29 19			Wood Shingles And Shakes Cap (07 31 29)		
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 For Steep Roof, Over 7 To 12, Add For Pressure-Impregnated Treated (Preservative) Ridge, Add	11.46 1.05 1.23	1.41
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 Note: Gray or black. For Purple Or Green Color, Add For Brown Or Red Color, Add For Steep Roof, Over 7 To 12, Add For >50 To 75, Deduct For >75 To 100, Deduct For >100 To 200, Deduct For >200, Deduct For 6.5" Exposure, Add For 6.0" Exposure, Add	1,358.37 135.39 346.93 163.91 -21.15 -55.11 -89.07 -135.84 94.59 189.17	256.13
07 31 33 00-0003	SQ		Class A Rectangular Edges Polymeric Rubber Slate Shingles, 7.0" Exposure..... Note: Fire resistant. Gray or black. For Purple, Green, Brown Or Red, Add For Steep Roof, Over 7 To 12, Add For >50 To 75, Deduct For >75 To 100, Deduct For >100 To 200, Deduct For >200, Deduct For 6.5" Exposure, Add For 6.0" Exposure, Add	1,922.48 211.54 163.91 -35.26 -83.32 -131.38 -192.25 134.88 269.76	256.13



Thermal And Moisture Protection			07
Steep Slope Roofing			07 30
Shingles and Shakes			07 31

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 33 00-0004	SQ		Class C Shaped Polymeric Rubber Slate Shingle, 7.0" Exposure Note: Beaver tail, chisel point or beveled edges. Gray or black. For Purple, Green, Brown Or Red, Add For Steep Roof, Over 7 To 12, Add For >50 To 75, Deduct For >75 To 100, Deduct For >100 To 200, Deduct For >200, Deduct For 6.5" Exposure, Add For 6.0" Exposure, Add	1,590.65 388.24 163.91 -26.96 -66.73 -106.49 -159.07 111.18 222.36	256.13
07 31 33 00-0005	SQ		Class A Shaped Polymeric Rubber Slate Shingle, 7.0" Exposure Note: Fire resistant. Beaver tail, chisel point or beveled edges. Gray or black. For Purple, Green, Brown Or Red, Add For Steep Roof, Over 7 To 12, Add For >50 To 75, Deduct For >75 To 100, Deduct For >100 To 200, Deduct For >200, Deduct For 6.5" Exposure, Add For 6.0" Exposure, Add	2,038.62 167.91 163.91 -38.16 -89.13 -140.09 -203.86 143.18 286.35	256.13
07 31 33 00-0006	LF		Hip Or Ridge Polymeric Rubber Slate Shingle Note: Beveled or pointed edges, gray or black.	15.95	1.72

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		Lanai Or Classic Tile, 158 Piece Per SQ For >25 To 50, Deduct For >50 To 75, Deduct For >75 To 100, Deduct For >100 To 200, Deduct For >200, Deduct For 20 Year Warranty, Add	1,323.94 -47.10 -91.98 -129.00 -158.17 -179.50 54.95	269.42
07 32 13 00-0003	SQ		Americana (Most Colors) Tile Roofing, 158 Piece Per SQ For >25 To 50, Deduct For >50 To 75, Deduct For >75 To 100, Deduct For >100 To 200, Deduct For >200, Deduct For 20 Year Warranty, Add	1,575.70 -62.21 -117.15 -161.73 -195.94 -219.78 72.58	269.42
07 32 13 00-0004	SQ		Americana (Green, Gray Or Brown) Tile, 158 Piece Per SQ For >25 To 50, Deduct For >50 To 75, Deduct For >75 To 100, Deduct For >100 To 200, Deduct For >200, Deduct For 20 Year Warranty, Add	1,575.70 -62.21 -117.15 -161.73 -195.94 -219.78 72.58	269.42
07 32 13 00-0005	SQ		Americana (Blue) Tile, 158 Piece Per SQ For >25 To 50, Deduct For >50 To 75, Deduct For >75 To 100, Deduct For >100 To 200, Deduct For >200, Deduct For 20 Year Warranty, Add	1,789.31 -75.02 -138.51 -189.50 -227.98 -253.96 87.53	269.42
07 32 13 00-0006	SQ		French Tile Roofing, Red, 133 Piece Per SQ For >25 To 50, Deduct For >50 To 75, Deduct For >75 To 100, Deduct For >100 To 200, Deduct For >200, Deduct For 20 Year Warranty, Add	1,579.20 -55.22 -108.51 -152.59 -187.47 -213.14 64.43	329.41
07 32 13 00-0007	SQ		French Tile Roofing, Blue Or Green, 133 Piece Per SQ For >25 To 50, Deduct For >50 To 75, Deduct For >75 To 100, Deduct For >100 To 200, Deduct For >200, Deduct For 20 Year Warranty, Add	1,954.99 -77.77 -146.09 -201.44 -243.84 -273.27 90.73	329.41
07 32 13 00-0008	SQ		Norman Tile Roofing, 317 Piece Per SQ For >25 To 50, Deduct For >50 To 75, Deduct For >75 To 100, Deduct For >100 To 200, Deduct For >200, Deduct For 20 Year Warranty, Add	2,497.49 -96.54 -183.11 -253.59 -307.99 -346.29 112.63	444.39
07 32 13 00-0009	SQ		Williamsburg Tile Roofing, Aged Cedar, 158 Piece Per SQ For >25 To 50, Deduct For >50 To 75, Deduct For >75 To 100, Deduct For >100 To 200, Deduct For >200, Deduct For 20 Year Warranty, Add	1,391.19 -43.94 -89.71 -128.15 -159.27 -183.06 51.27	329.41

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 13 00-0010 SQ Williamsburg Tile Roofing, Gray Or Green, 158 Piece Per SQ	1,695.60	329.41
For>25 To 50, Deduct	-62.21	
For>50 To 75, Deduct	-120.15	
For>75 To 100, Deduct	-167.72	
For>100 To 200, Deduct	-204.93	
For>200, Deduct	-231.77	
For 20 Year Warranty, Add	72.58	
07 32 13 00-0011 SQ Spanish Tile Roofing, Red, 171 Piece Per SQ	1,186.84	246.64
For>25 To 50, Deduct	-41.67	
For>50 To 75, Deduct	-81.68	
For>75 To 100, Deduct	-114.82	
For>100 To 200, Deduct	-141.03	
For>200, Deduct	-160.29	
For 20 Year Warranty, Add	48.55	
07 32 13 00-0012 SQ Spanish Tile Roofing, Blend, 171 Piece Per SQ	1,514.88	246.64
For>25 To 50, Deduct	-61.29	
For>50 To 75, Deduct	-114.49	
For>75 To 100, Deduct	-157.47	
For>100 To 200, Deduct	-190.23	
For>200, Deduct	-212.78	
For 20 Year Warranty, Add	71.51	
07 32 13 00-0013 SQ Spanish Tile Roofing, Glazed White, 171 Piece Per SQ	1,797.16	246.64
For>25 To 50, Deduct	-78.23	
For>50 To 75, Deduct	-142.72	
For>75 To 100, Deduct	-194.16	
For>100 To 200, Deduct	-232.57	
For>200, Deduct	-257.95	
For 20 Year Warranty, Add	91.27	
07 32 13 00-0014 SQ Two Piece Mission Tile Roofing, 192 Piece Per SQ	2,191.49	386.62
For>25 To 50, Deduct	-85.10	
For>50 To 75, Deduct	-161.16	
For>75 To 100, Deduct	-223.03	
For>100 To 200, Deduct	-270.73	
For>200, Deduct	-304.24	
For 20 Year Warranty, Add	99.28	
07 32 13 00-0015 SQ One Piece Mission Tile Roofing, 75 Piece Per SQ	995.90	269.42
For>25 To 50, Deduct	-27.42	
For>50 To 75, Deduct	-59.17	
For>75 To 100, Deduct	-86.36	
For>100 To 200, Deduct	-108.97	
For>200, Deduct	-127.01	
For 20 Year Warranty, Add	31.99	
07 32 13 00-0016 SQ One Piece Mission Tile Roofing, 134 Piece Per SQ	1,333.23	386.62
For>25 To 50, Deduct	-33.60	
For>50 To 75, Deduct	-75.33	
For>75 To 100, Deduct	-111.46	
For>100 To 200, Deduct	-141.99	
For>200, Deduct	-166.92	
For 20 Year Warranty, Add	39.20	

07 32 16 Concrete Roof Tiles (07 32)**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	1,055.55	408.40
For>50 To 75, Deduct	-9.55	
For>75 To 100, Deduct	-37.13	
For>100 To 200, Deduct	-67.10	
For>200, Deduct	-94.68	
For Steep Roof, Over 7 To 12, Add	261.41	
07 32 16 00-0003 SQ 13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Custom Blues, Corrugated	1,287.63	408.40
For>50 To 75, Deduct	-18.83	
For>75 To 100, Deduct	-53.37	
For>100 To 200, Deduct	-92.62	
For>200, Deduct	-127.17	
For Steep Roof, Over 7 To 12, Add	261.41	
07 32 16 00-0004 SQ 13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Custom Greens Corrugated	1,101.97	408.40
For>50 To 75, Deduct	-11.40	
For>75 To 100, Deduct	-40.38	
For>100 To 200, Deduct	-72.20	
For>200, Deduct	-101.18	
For Steep Roof, Over 7 To 12, Add	261.41	
07 32 16 00-0005 SQ 13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Colors, Shakes	1,027.58	365.40
For>50 To 75, Deduct	-11.87	
For>75 To 100, Deduct	-39.04	
For>100 To 200, Deduct	-69.18	
For>200, Deduct	-96.35	
For Steep Roof, Over 7 To 12, Add	233.89	

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	3.92	
07 32 16 00-0008 EA Rake, 6-1/2" X 16-3/4", 9 LB Each For Concrete Tile Roof	2.58	
07 32 16 00-0009 EA Mansard Hip, 10" X 16-1/2", 9.2 LB Each For Concrete Tile Roof	3.89	
07 32 16 00-0010 EA Hip Starter, 10" X 16-1/2", 10.5 LB Each For Concrete Tile Roof	4.46	



Thermal And Moisture Protection			07
Steep Slope Roofing			07 30
Roof Tiles			07 32

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 32 16 00-0011	EA		3 Or 4 Way Apex, 10" Each Side, 11.5 LB Each For Concrete Tile Roof	4.64	
07 32 16 00-0012			Concrete Tiles Accessories (Boral) (07 32 16)		
07 32 16 00-0013	EA		Saxony Galvanized Clip For Concrete Roof Tile.....	0.22	
07 32 16 00-0014	EA		1" x 3" x 8" Elevated Battens For Concrete Roof Tile	4.54	
07 32 16 00-0015			Concrete Roof Tiles (Boral) (07 32 16)		
07 32 16 00-0016	SQ		13" x 17" Concrete Roof Tile, 85/SQ, 930 LB/SQ, Saxony® 900 Slate, California Mission Blend Color	996.46	408.40
			For >50 To 75, Deduct	-7.18	
			For >75 To 100, Deduct	-32.99	
			For >100 To 200, Deduct	-60.60	
			For >200, Deduct	-86.41	
			For Steep Roof, Over 7 To 12, Add	261.41	
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	38.67	8.25
			For Steep Roof, Over 7 To 12, Add	5.28	
			For >50 To 75, Deduct	-0.89	
			For >75 To 100, Deduct	-1.96	
			For >100 To 200, Deduct	-3.26	
			For >200, Deduct	-4.75	
07 34 00 00-0003	SQ		30 LB, Asphalt Saturated Organic Felt Roofing Underlayment, Mechanically Fastened	59.75	11.35
			For Steep Roof, Over 7 To 12, Add	7.26	
			For >50 To 75, Deduct	-1.48	
			For >75 To 100, Deduct	-3.16	
			For >100 To 200, Deduct	-5.21	
			For >200, Deduct	-7.46	
07 34 00 00-0004	SQ		30 LB, Asphalt Saturated Organic Felt Shake Underlayment, Mechanically Fastened.....	66.72	11.35
			For Steep Roof, Over 7 To 12, Add	7.26	
			For >50 To 75, Deduct	-1.76	
			For >75 To 100, Deduct	-3.65	
			For >100 To 200, Deduct	-5.98	
			For >200, Deduct	-8.43	
07 34 00 00-0005	SQ		Fire Rated, Polypropylene Roofing Underlayment, Mechanically Fastened (Rex™ Synfelt)	73.96	17.20
			For Steep Roof, Over 7 To 12, Add	11.01	
			For >50 To 75, Deduct	-1.58	
			For >75 To 100, Deduct	-3.63	
			For >100 To 200, Deduct	-6.07	
			For >200, Deduct	-8.98	
07 34 00 00-0006	SQ		17 Mil, Fire Rated, High Temperature, Coated Woven Synthetic Roofing Underlayment, Mechanically Fastened (TITANIUM™ UDL 25).....	82.22	17.20
			For Steep Roof, Over 7 To 12, Add	11.01	
			For >50 To 75, Deduct	-1.91	
			For >75 To 100, Deduct	-4.21	
			For >100 To 200, Deduct	-6.98	
			For >200, Deduct	-10.13	
07 34 00 00-0007	SQ		25 Mil, Fire Rated, High Temperature, Coated Woven Synthetic Roofing Underlayment, Mechanically Fastened (TITANIUM™ UDL 30).....	95.83	17.20
			For Steep Roof, Over 7 To 12, Add	11.01	
			For >50 To 75, Deduct	-2.46	
			For >75 To 100, Deduct	-5.16	
			For >100 To 200, Deduct	-8.48	
			For >200, Deduct	-12.04	
07 34 00 00-0008	SQ		30 Mil, Fire Rated, High Temperature, Coated Woven Synthetic Roofing Underlayment, Mechanically Fastened (TITANIUM™ UDL 50).....	89.02	17.20
			For Steep Roof, Over 7 To 12, Add	11.01	
			For >50 To 75, Deduct	-2.18	
			For >75 To 100, Deduct	-4.68	
			For >100 To 200, Deduct	-7.73	
			For >200, Deduct	-11.09	
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)	154.68	20.86
			For Steep Roof, Over 7 To 12, Add	13.34	
			For >50 To 75, Deduct	-4.52	
			For >75 To 100, Deduct	-8.95	
			For >100 To 200, Deduct	-14.51	
			For >200, Deduct	-19.99	
07 34 00 00-0011	SQ		60 Mil, Fire Rated, Granule Surfaced, Rubberized Asphalt Adhesive, Roofing Underlayment, Self-Adhering (Grace Basik®).....	233.60	20.86
			For Steep Roof, Over 7 To 12, Add	13.34	
			For >50 To 75, Deduct	-7.68	
			For >75 To 100, Deduct	-14.48	
			For >100 To 200, Deduct	-23.19	
			For >200, Deduct	-31.04	

07 Thermal And Moisture Protection**07 30 Steep Slope Roofing****07 34 Roofing Underlayment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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).....	164.44	20.86
			For Steep Roof, Over 7 To 12, Add	13.34	
			For >50 To 75, Deduct	-4.91	
			For >75 To 100, Deduct	-9.63	
			For >100 To 200, Deduct	-15.59	
			For >200, Deduct	-21.35	
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).....	154.68	20.86
			For Steep Roof, Over 7 To 12, Add	13.34	
			For >50 To 75, Deduct	-4.52	
			For >75 To 100, Deduct	-8.95	
			For >100 To 200, Deduct	-14.51	
			For >200, Deduct	-19.99	
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).....	222.21	20.86
			For Steep Roof, Over 7 To 12, Add	13.34	
			For >50 To 75, Deduct	-7.22	
			For >75 To 100, Deduct	-13.68	
			For >100 To 200, Deduct	-21.94	
			For >200, Deduct	-29.44	
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).....	186.55	20.86
			For Steep Roof, Over 7 To 12, Add	13.34	
			For >50 To 75, Deduct	-5.79	
			For >75 To 100, Deduct	-11.18	
			For >100 To 200, Deduct	-18.02	
			For >200, Deduct	-24.45	
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®).....	278.44	20.86
			For Steep Roof, Over 7 To 12, Add	13.34	
			For >50 To 75, Deduct	-9.47	
			For >75 To 100, Deduct	-17.61	
			For >100 To 200, Deduct	-28.13	
			For >200, Deduct	-37.31	
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).....	318.69	20.86
			For Steep Roof, Over 7 To 12, Add	13.34	
			For >50 To 75, Deduct	-11.08	
			For >75 To 100, Deduct	-20.43	
			For >100 To 200, Deduct	-32.55	
			For >200, Deduct	-42.95	
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).....	469.70	20.86
			For Steep Roof, Over 7 To 12, Add	13.34	
			For >50 To 75, Deduct	-17.12	
			For >75 To 100, Deduct	-31.00	
			For >100 To 200, Deduct	-49.17	
			For >200, Deduct	-64.09	

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 41 13 00-0004	SF		18 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels.....	8.35	2.69
			For Fluoropolymer (Kynar®) Coating, Add	1.89	
			For Steep Roof, Over 7 To 12, Add	1.38	
07 41 13 00-0005	SF		20 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels.....	7.64	2.69
			For Fluoropolymer (Kynar®) Coating, Add	1.89	
			For Steep Roof, Over 7 To 12, Add	1.38	
07 41 13 00-0006	SF		22 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels.....	7.14	2.69
			For Fluoropolymer (Kynar®) Coating, Add	1.89	
			For Steep Roof, Over 7 To 12, Add	1.38	
07 41 13 00-0007	SF		24 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels.....	6.65	2.69
			For Fluoropolymer (Kynar®) Coating, Add	1.89	
			For Steep Roof, Over 7 To 12, Add	1.38	
07 41 13 00-0008	SF		26 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels.....	6.24	2.69
			For Fluoropolymer (Kynar®) Coating, Add	1.89	
			For Steep Roof, Over 7 To 12, Add	1.38	
07 41 13 00-0009	SF		28 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels.....	5.89	2.69
			For Fluoropolymer (Kynar®) Coating, Add	1.89	
			For Steep Roof, Over 7 To 12, Add	1.38	



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 00-0010	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	5.75 1.89 1.38	2.69
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	27.77 3.62 1.65	2.80
07 41 13 00-0013	LF		9" To 12" Girth, Eave Or Gable Flashing For Galvanized Steel Exposed Fastener Roofing For Steep Roof, Over 7 To 12, Add For Fluoropolymer (Kynar®) Coating, Add	17.30 2.42 0.98	1.84
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	34.23 3.62 2.29	2.80
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	28.36 3.62 1.70	2.80
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	5.89 1.89 1.38	2.69
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	6.15 1.89 1.38	2.69
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	6.76 1.89 1.38	2.69
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	7.57 1.89 1.38	2.69
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	8.38 1.89 1.38	2.69
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	9.39 1.89 1.38	2.69
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	31.73 3.62 2.04	2.80
07 41 13 00-0026	LF		9" To 12" Girth, Eave Or Gable Flashing For Aluminum Exposed Fastener Metal Roofing..... For Steep Roof, Over 7 To 12, Add For Fluoropolymer (Kynar®) Coating, Add	19.59 2.42 1.20	1.94
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	39.81 3.62 2.85	2.80
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	32.47 3.62 2.12	2.80
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	13.21 1.71 1.72 0.72 3.30 1.98 0.33	2.86

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 00-0033	SF	Architectural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	13.91	2.86
		For Steep Roof, Over 6 To 12, Add	1.71	
		For Panels <16" Wide, Add	1.75	
		For 140 MPH Wind Load, Add	0.74	
		For Up To 1,500, Add	3.48	
		For >1,500 To 5,000, Add	2.09	
		For >5,000 To 10,000, Add	0.35	
07 41 13 00-0034	SF	Architectural/Structural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	12.58	2.86
		For Steep Roof, Over 6 To 12, Add	1.71	
		For Panels <16" Wide, Add	1.69	
		For 140 MPH Wind Load, Add	0.71	
		For Up To 1,500, Add	3.15	
		For >1,500 To 5,000, Add	1.89	
		For >5,000 To 10,000, Add	0.31	
07 41 13 00-0035	SF	Architectural/Structural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	12.83	2.86
		For Steep Roof, Over 6 To 12, Add	1.71	
		For Panels <16" Wide, Add	1.70	
		For 140 MPH Wind Load, Add	0.71	
		For Up To 1,500, Add	3.21	
		For >1,500 To 5,000, Add	1.92	
		For >5,000 To 10,000, Add	0.32	
07 41 13 00-0036	SF	Structural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	13.11	2.86
		For Steep Roof, Over 6 To 12, Add	1.71	
		For Panels <16" Wide, Add	1.71	
		For 140 MPH Wind Load, Add	0.72	
		For Up To 1,500, Add	3.28	
		For >1,500 To 5,000, Add	1.97	
		For >5,000 To 10,000, Add	0.33	
07 41 13 00-0037	SF	Structural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing	14.13	2.86
		For Steep Roof, Over 6 To 12, Add	1.71	
		For Panels <16" Wide, Add	1.76	
		For 140 MPH Wind Load, Add	0.74	
		For Up To 1,500, Add	3.53	
		For >1,500 To 5,000, Add	2.12	
		For >5,000 To 10,000, Add	0.35	
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	29.42	2.80
		For Steep Roof, Over 6 To 12, Add	3.40	
		For 140 MPH Wind Load, Add	1.49	
07 41 13 00-0040	LF	9" To 12" Girth, Eave Or Gable Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing	18.28	1.94
		For Steep Roof, Over 6 To 12, Add	2.27	
		For 140 MPH Wind Load, Add	0.97	
07 41 13 00-0041	LF	Valley Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing	36.52	2.80
		For Steep Roof, Over 6 To 12, Add	3.40	
		For 140 MPH Wind Load, Add	1.64	
07 41 13 00-0042	LF	Hip Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing	30.06	2.80
		For Steep Roof, Over 6 To 12, Add	3.40	
		For 140 MPH Wind Load, Add	1.51	
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	13.70	2.86
		For Steep Roof, Over 6 To 12, Add	1.71	
		For 140 MPH Wind Load, Add	0.73	
		For Up To 1,500, Add	3.43	
		For Panels < 16" Wide, Add	1.74	
		For Up To 5000, Add	0.73	
		For > 5000 To 10000, Add	0.34	
07 41 13 00-0046	SF	Architectural 0.040" Aluminum Standing Seam Concealed Fastener Roofing	14.30	2.86
		For Steep Roof, Over 6 To 12, Add	1.71	
		For 140 MPH Wind Load, Add	0.74	
		For Up To 1,500, Add	3.58	
		For Panels < 16" Wide, Add	1.77	
		For Up To 5000, Add	0.74	
		For > 5000 To 10000, Add	0.36	
07 41 13 00-0047	SF	Architectural/Structural Or Structural 0.032" Aluminum Standing Seam Concealed Fastener Roofing	13.36	2.86
		For Steep Roof, Over 6 To 12, Add	1.71	
		For 140 MPH Wind Load, Add	0.72	
		For Up To 1,500, Add	3.34	
		For Panels < 16" Wide, Add	1.72	
		For Up To 5000, Add	0.72	
		For > 5000 To 10000, Add	0.33	
07 41 13 00-0048	SF	Architectural/Structural Or Structural 0.040" Aluminum Standing Seam Concealed Fastener Roofing	14.46	2.86
		For Steep Roof, Over 6 To 12, Add	1.71	
		For 140 MPH Wind Load, Add	0.75	
		For Up To 1,500, Add	3.62	
		For Panels < 16" Wide, Add	1.78	
		For Up To 5000, Add	0.75	
		For > 5000 To 10000, Add	0.36	



Thermal And Moisture Protection			07
Roofing and Siding Panels			07 40
Roof Panels			07 41

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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.....	33.77	2.80
			For Steep Roof, Over 6 To 12, Add	3.40	
			For 140 MPH Wind Load, Add	1.58	
07 41 13 00-0051	LF		9" To 12" Girth, Eave Or Gable Flashing For Aluminum Standing Seam Concealed Fastener Roofing.....	20.79	1.94
			For Steep Roof, Over 6 To 12, Add	2.27	
			For 140 MPH Wind Load, Add	1.02	
07 41 13 00-0052	LF		Valley Flashing For Aluminum Standing Seam Concealed Fastener Roofing.....	42.66	2.80
			For Steep Roof, Over 6 To 12, Add	3.40	
			For 140 MPH Wind Load, Add	1.76	
07 41 13 00-0053	LF		Hip Flashing For Aluminum Standing Seam Concealed Fastener Roofing.....	34.58	2.80
			For Steep Roof, Over 6 To 12, Add	3.40	
			For 140 MPH Wind Load, Add	1.60	
07 41 13 00-0054			Stainless Steel Standing Seam Concealed Fastener Roofing (07 41 13 00-0053)		
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.....	25.83	3.43
			For Steep Roof, Over 6 To 12, Add	2.57	
			For 140 MPH Wind Load, Add	1.20	
			For Up To 1,500, Add	6.46	
			For Up To 5000, Add	2.58	
			For > 5000 To 10000, Add	0.65	
			For Panels < 16" Wide, Add	2.88	
07 41 13 00-0057	SF		Architectural 22 Gauge T304 Stainless Steel Standing Seam Concealed Fastener Roofing.....	29.50	3.43
			For Steep Roof, Over 6 To 12, Add	2.57	
			For 140 MPH Wind Load, Add	1.28	
			For Up To 1,500, Add	7.38	
			For Up To 5000, Add	2.95	
			For > 5000 To 10000, Add	0.74	
			For Panels < 16" Wide, Add	3.06	
07 41 13 00-0058	SF		Architectural 24 Gauge T316 Stainless Steel Standing Seam Concealed Fastener Roofing.....	33.84	3.43
			For Steep Roof, Over 6 To 12, Add	2.57	
			For 140 MPH Wind Load, Add	1.36	
			For Up To 1,500, Add	8.46	
			For Up To 5000, Add	3.38	
			For > 5000 To 10000, Add	0.85	
			For Panels < 16" Wide, Add	3.28	
07 41 13 00-0059	SF		Architectural 22 Gauge T316 Stainless Steel Standing Seam Concealed Fastener Roofing.....	39.42	3.43
			For Steep Roof, Over 6 To 12, Add	2.57	
			For 140 MPH Wind Load, Add	1.47	
			For Up To 1,500, Add	9.86	
			For Up To 5000, Add	3.94	
			For > 5000 To 10000, Add	0.99	
			For Panels < 16" Wide, Add	3.56	
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.....	79.87	3.13
			For Steep Roof, Over 6 To 12, Add	3.75	
			For 140 MPH Wind Load, Add	2.60	
07 41 13 00-0062	LF		9" To 12" Girth, Eave Or Gable Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing.....	43.04	2.05
			For Steep Roof, Over 6 To 12, Add	2.49	
			For 140 MPH Wind Load, Add	1.52	
07 41 13 00-0063	LF		Valley Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing.....	110.60	3.13
			For Steep Roof, Over 6 To 12, Add	3.72	
			For 140 MPH Wind Load, Add	3.20	
07 41 13 00-0064	LF		Hip Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing.....	82.30	3.13
			For Steep Roof, Over 6 To 12, Add	3.75	
			For 140 MPH Wind Load, Add	2.65	
07 41 13 00-0065			Metal Roof Surfacing (07 41 13)		
07 41 13 00-0066	SF		Acrylic, Metal Roof Primer, One Coat.....	0.48	
			For Steep Roof, Over 7 To 12, Add	0.07	
07 41 13 00-0067	SF		Acrylic Elastomeric, Surface Or Base Coating For Metal Roofing, One Coat.....	0.73	
			Note: 55% solids by volume.		
			For Steep Roof, Over 7 To 12, Add	0.07	
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.....	7.82	2.29
07 41 33 00-0004	SF		Solid Polyvinyl Chloride (PVC) Roofing Panels, 10" Wide.....	7.60	2.07
07 41 33 00-0005	SF		Solid Polyvinyl Chloride (PVC) Roofing Panels, Double 8" Wide.....	8.18	2.29
07 41 33 00-0006	SF		Solid Polyvinyl Chloride (PVC) Roofing Panels, Double 10" Wide.....	7.91	2.07

07 Thermal And Moisture Protection**07 40 Roofing and Siding Panels****07 41 Roof Panels**MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT
UNIT COST
DEMOLITION
UNIT COST

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.....	4.55	1.72
07 41 33 00-0009	LF 3-1/2" "J" Channel, Starter Strip Trim	7.30	1.72
07 41 33 00-0010	LF Outside Corner Post, 7/8" Pocket.....	8.10	1.72
07 41 33 00-0011	LF Inside Corner Post, 7/8" Pocket.....	5.96	1.72

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.....	7.04	1.84
07 41 33 00-0015	SF 12 Ounce Corrugated Fiberglass Panel.....	8.14	1.84

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.....	31.45	4.34
	For Non-Insulated Panels, Deduct	-5.68	
07 42 13 19-0003	SF 1-1/4" Insulated Panel For Sash Or Window Replacement	33.95	4.88
	For Non-Insulated Panels, Deduct	-6.07	
07 42 13 19-0004	SF 1-3/4" Insulated Panel For Sash Or Window Replacement	36.26	5.43
	For Non-Insulated Panels, Deduct	-6.46	
07 42 13 19-0005	SF 2-1/4" Insulated Panel For Sash Or Window Replacement	38.70	5.64
	For Non-Insulated Panels, Deduct	-6.85	
07 42 13 19-0006	SF 3-1/4" Insulated Panel For Sash Or Window Replacement	44.16	6.18
	For Non-Insulated Panels, Deduct	-7.96	
07 42 13 19-0007	SF 4-1/4" Insulated Panel For Sash Or Window Replacement	51.76	6.84
	For Non-Insulated Panels, Deduct	-9.55	

07 42 13 23 Metal Composite Material Wall Panels (07 42 13)

07 42 13 23-0001	24 Gauge, Galvanized Steel Insulated Tongue And Groove Metal Siding Panels (07 42 13 23)		
	Note: G-90 galvanized steel, 24 gauge exterior face and 24 gauge interior liner. 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 13 23-0002	SF 2" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels.....	22.47	2.48
	For AZ-50 Aluminum-Zinc Coated Exterior, Add	0.24	
	For Premium Exterior Colors, Add	0.12	
07 42 13 23-0003	SF 2-1/2" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels.....	25.17	2.80
	For AZ-50 Aluminum-Zinc Coated Exterior, Add	0.24	
	For Premium Exterior Colors, Add	0.12	
07 42 13 23-0004	SF 3" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels.....	27.43	3.18
	For AZ-50 Aluminum-Zinc Coated Exterior, Add	0.24	
	For Premium Exterior Colors, Add	0.12	
07 42 13 23-0005	SF 4" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels.....	30.46	4.21
	For AZ-50 Aluminum-Zinc Coated Exterior, Add	0.24	
	For Premium Exterior Colors, Add	0.12	

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	28.91	1.74
07 42 63 00-0004	SF 3" 22 Gauge Freezer Panel Sheet Metal Both Faces	30.73	1.74
07 42 63 00-0005	SF 4" 22 Gauge Freezer Panel Sheet Metal Both Faces	36.89	1.74
07 42 63 00-0006	SF 5" 22 Gauge Freezer Panel Sheet Metal Both Faces	40.03	1.85
07 42 63 00-0007	SF 6" 22 Gauge Freezer Panel Sheet Metal Both Faces	42.57	1.85
07 42 63 00-0008	SF 2" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)	25.99	1.44
07 42 63 00-0009	SF 3" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)	28.42	1.44
07 42 63 00-0010	SF 4" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)	34.55	1.54
07 42 63 00-0011	SF 5" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)	33.42	1.54
07 42 63 00-0012	SF 6" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)	39.57	1.54

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	21.64	1.74
07 42 63 00-0015	SF 3" Freezer Panel 0.040" Aluminum Finish Both Faces	23.29	1.74



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 42 63 00-0016	SF		4" Freezer Panel 0.040" Aluminum Finish Both Faces	27.52	1.74
07 42 63 00-0017	SF		5" Freezer Panel 0.040" Aluminum Finish Both Faces	30.12	1.85
07 42 63 00-0018	SF		6" Freezer Panel 0.040" Aluminum Finish Both Faces	31.88	1.85
07 42 63 00-0019	SF		2" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	19.49	1.44
07 42 63 00-0020	SF		3" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	21.15	1.44
07 42 63 00-0021	SF		4" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	22.86	1.54
07 42 63 00-0022	SF		5" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	27.09	1.54
07 42 63 00-0023	SF		6" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	29.66	1.54

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	4.56	1.51
			For 0.015" Thick, Deduct	-0.11	
07 42 93 00-0003	LF		10" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	5.72	1.60
			For 0.015" Thick, Deduct	-0.18	
07 42 93 00-0004	LF		1' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	6.30	1.64
			For 0.015" Thick, Deduct	-0.22	
07 42 93 00-0005	LF		1'-6" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	7.98	1.73
			For 0.015" Thick, Deduct	-0.33	
07 42 93 00-0006	LF		2' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	9.83	1.89
			For 0.015" Thick, Deduct	-0.44	
07 42 93 00-0007	LF		3' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	13.23	2.08
			For 0.015" Thick, Deduct	-0.66	
07 42 93 00-0008	LF		4' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	16.66	2.30
			For 0.015" Thick, Deduct	-0.88	
07 42 93 00-0009	LF		5' Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	20.14	2.52
			For 0.015" Thick, Deduct	-1.10	
07 42 93 00-0010	LF		4" Exposure, 0.024" Thick, Aluminum Fascia	5.44	1.48
07 42 93 00-0011	LF		6" Exposure, 0.024" Thick, Aluminum Fascia	5.98	1.51
07 42 93 00-0012	LF		8" Exposure, 0.024" Thick, Aluminum Fascia	7.08	1.57
07 42 93 00-0013	LF		10" Exposure, 0.024" Thick, Aluminum Fascia	8.27	1.60

07 46 Siding (07 40)

07 46 16 Aluminum Siding (07 46)

Note: Includes fasteners, 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	11.63	3.67
07 46 16 00-0003	SF		0.019" Thick, Aluminum Clad Siding	11.79	3.67
07 46 16 00-0004	SF		0.024" Thick, Aluminum Clad Siding	12.07	3.67

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	8.72	2.16
07 46 16 00-0008	SF		0.021", Painted Finish, Corrugated Aluminum Siding Panel	9.11	2.16
07 46 16 00-0009	SF		0.024", Painted Finish, Corrugated Aluminum Siding Panel	10.34	2.16
07 46 16 00-0010	SF		0.032", Painted Finish, Corrugated Aluminum Siding Panel	12.74	2.16

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	12.63	2.16
07 46 16 00-0013	SF		0.040", Painted Finish, V- Beam Aluminum Siding Panel	14.24	2.16
07 46 16 00-0014	SF		0.050", Painted Finish, V- Beam Aluminum Siding Panel	18.05	2.16

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	13.34	2.16
07 46 16 00-0017	SF		0.040", Painted Finish, Box Ribbed Aluminum Siding Panel	14.89	2.16
07 46 16 00-0018	SF		0.050", Painted Finish, Box Ribbed Aluminum Siding Panel	15.83	2.16

07 46 16 00-0019 Aluminum Siding Accessories (07 46 16)

07 46 16 00-0020	LF		3/8" Pocket, Aluminum J-Channel	3.50	1.42
07 46 16 00-0021	LF		1/2" Pocket, Aluminum J-Channel	3.50	1.42
07 46 16 00-0022	LF		3/4" Pocket, Aluminum J-Channel	4.19	1.42
07 46 16 00-0023	LF		3/8" Pocket, Aluminum F-Channel	3.91	1.42
07 46 16 00-0024	LF		1/2" Pocket, Aluminum F-Channel	3.91	1.42

07 46 19 Steel Siding (07 46)

Note: Includes fasteners, 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 DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

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	13.26	2.16
	For Galvanized Instead Of Painted Steel, Add	2.24	
07 46 19 00-0004	SF 22 Gauge, Painted Finish, Corrugated Steel Siding Panel	12.10	2.16
	For Galvanized Instead Of Painted Steel, Add	1.95	
07 46 19 00-0005	SF 24 Gauge, Painted Finish, Corrugated Steel Siding Panel	11.82	2.16
	For Galvanized Instead Of Painted Steel, Add	1.88	
07 46 19 00-0006	SF 26 Gauge, Painted Finish, Corrugated Steel Siding Panel	8.41	2.16
	For Galvanized Instead Of Painted Steel, Add	1.02	
07 46 19 00-0007	SF 28 Gauge, Painted Finish, Corrugated Steel Siding Panel	8.17	2.16
	For Galvanized Instead Of Painted Steel, Add	0.96	
07 46 19 00-0008	SF 30 Gauge, Painted Finish, Corrugated Steel Siding Panel	8.01	2.16
	For Galvanized Instead Of Painted Steel, Add	0.92	
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	12.38	2.16
	For Galvanized Instead Of Painted Steel, Add	2.02	
07 46 19 00-0011	SF 22 Gauge, Painted Finish, Box Ribbed Steel Siding Panel	11.86	2.16
	For Galvanized Instead Of Painted Steel, Add	1.89	
07 46 19 00-0012	SF 24 Gauge, Painted Finish, Box Ribbed Steel Siding Panel	11.52	2.16
	For Galvanized Instead Of Painted Steel, Add	1.80	
07 46 19 00-0013	SF 26 Gauge, Painted Finish, Box Ribbed Steel Siding Panel	10.94	2.16
	For Galvanized Instead Of Painted Steel, Add	1.66	
07 46 19 00-0014	SF 28 Gauge, Painted Finish, Box Ribbed Steel Siding Panel	9.70	2.16
	For Galvanized Instead Of Painted Steel, Add	1.35	
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	10.04	1.08
07 46 23	Wood Siding (07 46)		
	Note: Includes fasteners, 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	4.15	1.57
07 46 23 00-0003	LF 10" Wide Rough Sawn Cedar Lap Siding	4.70	1.68
07 46 23 00-0004	LF 12" Wide Rough Sawn Cedar Lap Siding	5.27	1.78
07 46 23 00-0005	LF 6" To 8" Wide Southern Yellow Pine Lap Siding, D Grade	4.45	1.57
07 46 23 00-0006	LF 6" To 8" Wide Spruce Lap Siding, #2 Or Better	4.97	1.57
07 46 23 00-0007	LF 6" To 8" Wide Western Red Cedar, B Grade Lap Siding	6.07	1.57
07 46 23 00-0008	LF 6" To 8" Wide Western Red Cedar, A Grade Lap Siding	6.51	1.57
07 46 23 00-0009	LF 6" To 8" Wide Clear Heart Redwood Lap Siding	5.89	1.57
07 46 23 00-0010	LF 1" x 8" Cedar Round Or Flat Front Siding, Log Cabin	4.08	1.68
07 46 23 00-0011	LF 1" x 8" Cedar Beveled Siding, Channel, Rustic	4.08	1.68
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	4.15	1.57
07 46 23 00-0014	SF 1" x 8" Tongue And Groove Southern Yellow Pine Siding	4.61	1.57
07 46 23 00-0015	SF 1" x 6" 105 Southern Yellow Pine Siding	4.26	1.57
07 46 23 00-0016	SF 1" x 8" 105 Southern Yellow Pine Siding	4.88	1.57
07 46 29	Plywood Siding (07 46)		
	Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.		
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	3.03	0.76
	For Pressure Treated, Add	0.18	
07 46 33	Plastic Siding (07 46)		
	Note: Includes fasteners, 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	5.25	1.86
	For 0.040" Thick, Deduct	-0.21	
	For 0.042" Thick, Deduct	-0.08	
	For 0.046" Thick, Add	0.65	
	For Manufacturer's Custom Colors, Add	0.08	



Thermal And Moisture Protection			07
Roofing and Siding Panels			07 40
Siding			07 46

07

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 46 33 00-0005	SF	8" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel.....	5.03	1.75	
		For 0.040" Thick, Deduct	-0.21		
		For 0.042" Thick, Deduct	-0.08		
		For 0.046" Thick, Add	0.65		
		For Manufacturer's Custom Colors, Add	0.08		
07 46 33 00-0006	SF	9" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel.....	4.86	1.67	
		For 0.040" Thick, Deduct	-0.21		
		For 0.042" Thick, Deduct	-0.08		
		For 0.046" Thick, Add	0.65		
		For Manufacturer's Custom Colors, Add	0.08		
07 46 33 00-0007	SF	10" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel.....	4.70	1.59	
		For 0.040" Thick, Deduct	-0.21		
		For 0.042" Thick, Deduct	-0.08		
		For 0.046" Thick, Add	0.65		
		For Manufacturer's Custom Colors, Add	0.08		
07 46 33 00-0008	SF	12" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel.....	4.48	1.47	
		For 0.040" Thick, Deduct	-0.21		
		For 0.042" Thick, Deduct	-0.08		
		For 0.046" Thick, Add	0.65		
		For Manufacturer's Custom Colors, Add	0.08		
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.....	6.44	1.86	
		For Manufacturer's Custom Colors, Add	0.14		
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.....	6.74	1.42	
		For Manufacturer's Custom Colors, Add	0.19		
07 46 33 00-0013	LF	1-1/8" Pocket, Outside Corner Post For Vinyl Siding.....	12.70	1.42	
		For Manufacturer's Custom Colors, Add	0.49		
07 46 33 00-0014	LF	3/4" Pocket, Inside Corner Post For Vinyl Siding.....	5.24	1.42	
		For Manufacturer's Custom Colors, Add	0.12		
07 46 33 00-0015	LF	1-1/8" Pocket, Inside Corner Post For Vinyl Siding.....	6.50	1.42	
		For Manufacturer's Custom Colors, Add	0.18		
07 46 33 00-0016	LF	3/8" Pocket, J-Channel For Vinyl Siding.....	3.81	1.42	
		For Manufacturer's Custom Colors, Add	0.06		
07 46 33 00-0017	LF	1/2" Pocket, J-Channel For Vinyl Siding.....	3.53	1.42	
		For Manufacturer's Custom Colors, Add	0.05		
07 46 33 00-0018	LF	5/8" Pocket, J-Channel For Vinyl Siding.....	3.47	1.42	
		For Manufacturer's Custom Colors, Add	0.04		
07 46 33 00-0019	LF	3/4" Pocket, J-Channel For Vinyl Siding.....	3.65	1.42	
		For Manufacturer's Custom Colors, Add	0.05		
07 46 33 00-0020	LF	1" Pocket, J-Channel For Vinyl Siding.....	4.38	1.42	
		For Manufacturer's Custom Colors, Add	0.08		
07 46 33 00-0021	LF	1-1/4" Pocket, J-Channel For Vinyl Siding.....	4.81	1.42	
		For Manufacturer's Custom Colors, Add	0.10		
07 46 33 00-0022	LF	2-1/2" Pocket, J-Channel For Vinyl Siding.....	5.34	1.42	
		For Manufacturer's Custom Colors, Add	0.09		
07 46 33 00-0023	LF	1/2" Pocket, F-Channel For Vinyl Siding.....	3.68	1.42	
		For Manufacturer's Custom Colors, Add	0.07		
07 46 33 00-0024	LF	3/4" Pocket, 3-1/2" Lineal Trim For Vinyl Siding.....	8.52	1.97	
		For Manufacturer's Custom Colors, Add	0.23		
07 46 33 00-0025	LF	3/4" Pocket, 5" Lineal Trim For Vinyl Siding.....	8.94	1.97	
		For Manufacturer's Custom Colors, Add	0.25		
07 46 33 00-0026	LF	1-1/8" Pocket, 3-1/2" Lineal Trim For Vinyl Siding.....	9.87	1.97	
		For Manufacturer's Custom Colors, Add	0.30		
07 46 33 00-0027	LF	3/8" Pocket, 1-7/8" H-Mold For Vinyl Siding.....	5.00	1.42	
		For Manufacturer's Custom Colors, Add	0.11		
07 46 33 00-0028	LF	Vinyl Starter Strip For Vinyl Siding.....	6.32	1.42	
		For Manufacturer's Custom Colors, Add	0.17		
07 46 33 00-0029	LF	Undersill Trim For Vinyl Siding.....	5.37	1.42	
		For Manufacturer's Custom Colors, Add	0.13		
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.....	4.45	1.51	
		For 0.038" Thick, Deduct	-0.63		
		For 0.040" Thick, Deduct	-0.54		
		For Manufacturer's Custom Colors, Add	0.07		
07 46 33 00-0032	LF	10" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit.....	5.54	1.60	
		For 0.038" Thick, Deduct	-1.06		
		For 0.040" Thick, Deduct	-0.90		
		For Manufacturer's Custom Colors, Add	0.12		
07 46 33 00-0033	LF	1" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit.....	6.09	1.64	
		For 0.038" Thick, Deduct	-1.29		
		For 0.040" Thick, Deduct	-1.08		
		For Manufacturer's Custom Colors, Add	0.14		
07 46 33 00-0034	LF	1'-6" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit.....	7.66	1.73	
		For 0.038" Thick, Deduct	-1.92		
		For 0.040" Thick, Deduct	-1.62		
		For Manufacturer's Custom Colors, Add	0.21		

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 33 00-0035	LF	2' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit..... <i>For 0.038" Thick, Deduct</i> <i>For 0.040" Thick, Deduct</i> <i>For Manufacturer's Custom Colors, Add</i>	9.41 -2.58 -2.15 0.28	1.89
07 46 33 00-0036	LF	3' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit..... <i>For 0.038" Thick, Deduct</i> <i>For 0.040" Thick, Deduct</i> <i>For Manufacturer's Custom Colors, Add</i>	12.60 -3.87 -3.23 0.42	2.08
07 46 33 00-0037	LF	4' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit..... <i>For 0.038" Thick, Deduct</i> <i>For 0.040" Thick, Deduct</i> <i>For Manufacturer's Custom Colors, Add</i>	15.82 -5.15 -4.33 0.56	2.30
07 46 33 00-0038	LF	5' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit..... <i>For 0.038" Thick, Deduct</i> <i>For 0.040" Thick, Deduct</i> <i>For Manufacturer's Custom Colors, Add</i>	19.09 -6.44 -5.40 0.70	2.52
07 46 33 00-0039	LF	4" Exposure, Vinyl Fascia..... <i>For Manufacturer's Custom Colors, Add</i>	4.66 0.08	1.48
07 46 33 00-0040	LF	6" Exposure, Vinyl Fascia..... <i>For Manufacturer's Custom Colors, Add</i>	5.23 0.17	1.51
07 46 33 00-0041	LF	8" Exposure, Vinyl Fascia..... <i>For Manufacturer's Custom Colors, Add</i>	5.15 0.10	1.57
07 46 33 00-0042	LF	10" Exposure, Vinyl Fascia..... <i>For Manufacturer's Custom Colors, Add</i>	5.95 0.14	1.60
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.....	6.84	2.19
07 46 33 00-0046	SF	8 Ounce Corrugated Fiberglass Panels.....	7.29	1.97
07 46 33 00-0047	SF	12 Ounce Corrugated Fiberglass Panels.....	8.13	1.97
07 46 33 00-0048		Flat Panels (07 46 33 00-0043)		
07 46 33 00-0049	SF	6 Ounce Flat Fiberglass Panels.....	6.54	1.97
07 46 33 00-0050	SF	8 Ounce Flat Fiberglass Panels.....	7.29	1.97
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.....	6.10	2.30
07 46 46 00-0003	SF	6-1/4" Board with 5" Exposure, 5/16" Thick, Fiber Cement Lap Siding.....	5.80	2.19
07 46 46 00-0004	SF	7-1/4" Board with 6" Exposure, 5/16" Thick, Fiber Cement Lap Siding.....	5.67	2.14
07 46 46 00-0005	SF	8-1/4" Board with 7" Exposure, 5/16" Thick, Fiber Cement Lap Siding.....	5.54	2.07
07 46 46 00-0006	SF	9-1/2" Board with 8" Exposure, 5/16" Thick, Fiber Cement Lap Siding.....	5.28	1.97
07 46 46 00-0007	SF	12" Board with 10-3/4" Exposure, 5/16" Thick, Fiber Cement Lap Siding.....	5.03	1.86
07 46 46 00-0008	LF	Starter Strip, Fiber Cement Lap Siding.....	1.33	0.55
07 46 46 00-0009		Fiber Cement Shingle Siding (07 46 46)		
07 46 46 00-0010	SF	Fiber Cement Shingle Siding.....	8.65	2.02
07 46 46 00-0011		Fiber Cement Vertical Panel Siding (07 46 46)		
07 46 46 00-0012	SF	Fiber Cement Vertical Panel Siding.....	4.46	1.64
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 46 46 00-0015	LF	4" Wide, 7/16" Thick, Fiber Cement Trim Board.....	2.92	1.10
07 46 46 00-0016	LF	6" Wide, 7/16" Thick, Fiber Cement Trim Board.....	3.63	1.20
07 46 46 00-0017	LF	8" Wide, 7/16" Thick, Fiber Cement Trim Board.....	4.30	1.31
07 46 46 00-0018	LF	12" Wide, 7/16" Thick, Fiber Cement Trim Board.....	5.56	1.54
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.....	3.04	1.10
07 46 46 00-0021	LF	6" Wide, 3/4" Thick, Fiber Cement Trim Board.....	3.81	1.20
07 46 46 00-0022	LF	8" Wide, 3/4" Thick, Fiber Cement Trim Board.....	4.60	1.31
07 46 46 00-0023	LF	12" Wide, 3/4" Thick, Fiber Cement Trim Board.....	4.89	1.54
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.....	3.20	1.10
07 46 46 00-0026	LF	6" Wide, 1" Thick, Fiber Cement Trim Board.....	4.09	1.20
07 46 46 00-0027	LF	8" Wide, 1" Thick, Fiber Cement Trim Board.....	5.00	1.31
07 46 46 00-0028	LF	12" Wide, 1" Thick, Fiber Cement Trim Board.....	6.56	1.54



Thermal And Moisture Protection			07
Roofing and Siding Panels			07 40
Siding			07 46

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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	.....	5.64	2.16
07 46 46 00-0031	LF	5/4" x 5-1/2" Fiber Cement Fascia Board	.....	6.89	2.41
07 46 46 00-0032	LF	5/4" x 7-1/4" Fiber Cement Fascia Board	.....	7.54	2.41
07 46 46 00-0033	LF	5/4" x 11-1/4" Fiber Cement Fascia Board	.....	9.80	2.83
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	.....	7.14	1.57
07 46 46 00-0036	SF	1/4" Thick, Vented Fiber Cement Soffit	.....	7.66	1.57
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	.....	10.15	1.78
07 46 63 00-0004	SF	22 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel	.....	11.21	1.78
07 46 63 00-0005	SF	20 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel	.....	13.08	1.78
07 46 63 00-0006	SF	18 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel	.....	13.27	1.78
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	.....	113.75	
		For Up To 10, Add	.....	29.96	
		For >10 To 20, Add	.....	16.78	
		For >20 To 40, Add	.....	9.29	
		For >75 To 100, Deduct	.....	-4.65	
		For >100 To 200, Deduct	.....	-10.20	
		For >200, Deduct	.....	-14.84	
07 51 13 00-0006	SQ	Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Cold Adhesive Applied	.....	316.22	
		For Up To 10, Add	.....	70.46	
		For >10 To 20, Add	.....	37.03	
		For >20 To 40, Add	.....	19.42	
		For >75 To 100, Deduct	.....	-9.71	
		For >100 To 200, Deduct	.....	-20.32	
		For >200, Deduct	.....	-30.03	
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	.....	7.53	
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	.....	83.54	
		For Up To 10, Add	.....	24.05	
		For >10 To 20, Add	.....	13.86	
		For >20 To 40, Add	.....	7.85	
		For >75 To 100, Deduct	.....	-3.92	
		For >100 To 200, Deduct	.....	-8.76	
		For >200, Deduct	.....	-12.69	
07 51 13 00-0012	SQ	Type VI, Asphalt Coated Fiberglass Ply Sheet, Hot-Mopped	.....	89.31	
		For Up To 10, Add	.....	25.20	
		For >10 To 20, Add	.....	14.43	
		For >20 To 40, Add	.....	8.13	
		For >75 To 100, Deduct	.....	-4.07	
		For >100 To 200, Deduct	.....	-9.05	
		For >200, Deduct	.....	-13.12	

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 00-0013 SQ Fine Mineral Surfaced, Asphalt Coated Fiberglass Base Sheet, Hot-Mopped.....	95.87	
For Up To 10, Add	26.51	
For >10 To 20, Add	15.09	
For >20 To 40, Add	8.46	
For >75 To 100, Deduct	-4.23	
For >100 To 200, Deduct	-9.38	
For >200, Deduct	-13.61	
07 51 13 00-0014 SQ Asphalt Coated Fiberglass Venting Base Sheet, Hot-Mopped.....	168.63	
For Up To 10, Add	41.06	
For >10 To 20, Add	22.37	
For >20 To 40, Add	12.10	
For >75 To 100, Deduct	-6.05	
For >100 To 200, Deduct	-13.02	
For >200, Deduct	-19.07	
07 51 13 00-0015 SQ Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Hot-Mopped	286.02	
For Up To 10, Add	64.54	
For >10 To 20, Add	34.11	
For >20 To 40, Add	17.97	
For >75 To 100, Deduct	-8.99	
For >100 To 200, Deduct	-18.89	
For >200, Deduct	-27.87	
07 51 13 00-0016 SQ Granule Surfaced, Asphalt Coated Fiberglass Cap Sheet, Hot-Mopped	216.50	
For Up To 10, Add	51.33	
For >10 To 20, Add	27.68	
For >20 To 40, Add	14.84	
For >75 To 100, Deduct	-7.42	
For >100 To 200, Deduct	-15.85	
For >200, Deduct	-23.27	
07 51 13 00-0017 Hot-Mopped, Built-Up Asphalt Roofing Flashing (07 51 13 00-0009).....	4.78	
07 51 13 00-0018 SF Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Hot-Mopped		4.78
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.....	88.36	
For Up To 10, Add	21.27	
For >10 To 20, Add	11.54	
For >20 To 40, Add	6.22	
For >75 To 100, Deduct	-3.11	
For >100 To 200, Deduct	-6.67	
For >200, Deduct	-9.78	
07 51 13 00-0022 SQ Asphalt Coated Fiberglass Venting Base Sheet, Mechanically Fastened.....	167.67	
For Up To 10, Add	37.14	
For >10 To 20, Add	19.47	
For >20 To 40, Add	10.18	
For >75 To 100, Deduct	-5.09	
For >100 To 200, Deduct	-10.63	
For >200, Deduct	-15.73	
07 51 13 00-0023 SQ Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Mechanically Fastened.....	285.06	
For Up To 10, Add	60.61	
For >10 To 20, Add	31.21	
For >20 To 40, Add	16.05	
For >75 To 100, Deduct	-8.03	
For >100 To 200, Deduct	-16.50	
For >200, Deduct	-24.53	
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		5.80
07 51 13 00-0026 Asphalt Saturated Organic Felt (07 51 13 00-0001)		
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	110.13	
For Up To 10, Add	29.24	
For >10 To 20, Add	16.42	
For >20 To 40, Add	9.11	
For >75 To 100, Deduct	-4.56	
For >100 To 200, Deduct	-10.01	
For >200, Deduct	-14.57	
07 51 13 00-0029 SQ 30 LB, Asphalt Saturated Organic Base Or Ply Sheet, Cold Adhesive Applied	125.02	
For Up To 10, Add	32.22	
For >10 To 20, Add	17.91	
For >20 To 40, Add	9.86	
For >75 To 100, Deduct	-4.93	
For >100 To 200, Deduct	-10.76	
For >200, Deduct	-15.69	



Thermal And Moisture Protection		07
Membrane Roofing		07 50
Built-Up Bituminous Roofing		07 51

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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	79.93	
			For Up To 10, Add	23.32	
			For >10 To 20, Add	13.50	
			For >20 To 40, Add	7.67	
			For >75 To 100, Deduct	-3.83	
			For >100 To 200, Deduct	-8.58	
			For >200, Deduct	-12.42	
07 51 13 00-0032	SQ		30 LB, Asphalt Saturated Organic Base Or Ply Sheet, Hot-Mopped	94.82	
			For Up To 10, Add	26.30	
			For >10 To 20, Add	14.99	
			For >20 To 40, Add	8.41	
			For >75 To 100, Deduct	-4.21	
			For >100 To 200, Deduct	-9.33	
			For >200, Deduct	-13.53	
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	40.17	
			For Up To 10, Add	11.64	
			For >10 To 20, Add	6.72	
			For >20 To 40, Add	3.81	
			For >75 To 100, Deduct	-1.90	
			For >100 To 200, Deduct	-4.26	
			For >200, Deduct	-6.16	
07 51 13 00-0035	SQ		30 LB, Asphalt Saturated Organic Base Or Ply Sheet, Mechanically Fastened	55.06	
			For Up To 10, Add	14.61	
			For >10 To 20, Add	8.21	
			For >20 To 40, Add	4.55	
			For >75 To 100, Deduct	-2.28	
			For >100 To 200, Deduct	-5.00	
			For >200, Deduct	-7.28	
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	177.04	
			For Up To 10, Add	53.44	
			For >10 To 20, Add	31.23	
			For >20 To 40, Add	17.87	
			For >75 To 100, Deduct	-8.93	
			For >100 To 200, Deduct	-20.12	
			For >200, Deduct	-29.05	
07 51 13 00-0038	SQ		400 LB/SQ Gravel Roofing Ballast, Set In Cold Adhesive Flood Coat.....	264.65	
			For Up To 10, Add	70.96	
			For >10 To 20, Add	39.99	
			For >20 To 40, Add	22.25	
			For >75 To 100, Deduct	-11.12	
			For >100 To 200, Deduct	-24.50	
			For >200, Deduct	-35.63	
07 51 13 00-0039	CY		Gravel Roofing Ballast, Spread To Desired Thickness	185.42	
			Note: Excludes hot asphalt or cold adhesive.		
07 51 13 00-0040	SQ		Protective Polypropylene Fabric Mat, Loose Laid.....	52.46	
			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	12.87	
			For >10 To 20, Add	7.03	
			For >20 To 40, Add	3.81	
			For >75 To 100, Deduct	-1.91	
			For >100 To 200, Deduct	-4.11	
			For >200, Deduct	-6.02	
07 51 13 00-0041	SQ		Clay-Stabilized, Water-Based Asphalt Emulsion With Reinforcing Fibers, Weather-Proofing Surface Coating, Price Per Coat	129.36	
			Note: Protective coating for use over built-up, SBS and APP modified bitumen, metal, concrete and wood roofs.		
			For Up To 10, Add	30.20	
			For >10 To 20, Add	16.18	
			For >20 To 40, Add	8.63	
			For >75 To 100, Deduct	-4.32	
			For >100 To 200, Deduct	-9.17	
			For >200, Deduct	-13.49	
07 51 13 00-0042	SQ		Fibrated Aluminum, Asphalt-Based, Reflective Weather-Proofing Surface Coating, Price Per Coat.....	114.87	
			Note: Protective and reflective coating for use over built-up, SBS and APP modified bitumen and metal roofs.		
			For Up To 10, Add	27.30	
			For >10 To 20, Add	14.73	
			For >20 To 40, Add	7.91	
			For >75 To 100, Deduct	-3.95	
			For >100 To 200, Deduct	-8.45	
			For >200, Deduct	-12.40	

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 00-0043	SQ	Aluminum Flakes And Reinforcing Fibers Suspended In Emulsified Asphalt, Reflective Surface Coating, Price Per Coat.....	154.41	
		Note: Reflective coating for use over smooth-surfaced built-up roofs.		
		For Up To 10, Add	35.21	
		For >10 To 20, Add	18.69	
		For >20 To 40, Add	9.88	
		For >75 To 100, Deduct	-4.94	
		For >100 To 200, Deduct	-10.43	
		For >200, Deduct	-15.37	
07 51 13 00-0044	SQ	100% Acrylic Elastomeric, Reflective Surface Coating, Price Per Coat.....	155.70	
		Note: Reflective coating for use over built-up, SBS and APP modified bitumen roofs. For use on smooth or granule surfaced roofing systems.		
		For Up To 10, Add	35.47	
		For >10 To 20, Add	18.82	
		For >20 To 40, Add	9.95	
		For >75 To 100, Deduct	-4.97	
		For >100 To 200, Deduct	-10.49	
		For >200, Deduct	-15.46	
		For Installation Over Granule Surfaced Asphalt Roof Systems, Add	46.40	
07 51 13 00-0045	SQ	100% Acrylic Elastomeric, Bleed Blocking Base Coating, Price Per Coat.....	161.03	
		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.		
		For Up To 10, Add	36.53	
		For >10 To 20, Add	19.35	
		For >20 To 40, Add	10.22	
		For >75 To 100, Deduct	-5.11	
		For >100 To 200, Deduct	-10.76	
		For >200, Deduct	-15.86	
		For Installation Over Granule Surfaced Asphalt Roof Systems, Add	48.16	
07 51 13 00-0046	SF	Ceramic Coated Roofing Granules, Hand Broadcast	2.53	
		Note: For application over liquid flashing/membranes, asphalt bleed-out areas, modified or BUR membrane repairs, etc.		
07 51 13 00-0047	SF	Energy Star, Ceramic Coated UltraWhite Roofing Granules, Hand Broadcast	4.51	
		Note: For application over liquid flashing/membranes, asphalt bleed-out areas, modified or BUR membrane repairs, etc.		
07 51 13 00-0048	SQ	Vapor Permeable Synthetic Underlayment (GAF Deck-Armor™).....	40.11	
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	32.47	
07 51 13 00-0051	LF	1/2" Thick, 32" Wide, Skid Resistant, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Walkway Pad	38.71	
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	4.39	
07 51 13 00-0054	LF	3" x 3" Perlite Cant Strip	4.54	
07 51 13 00-0055	LF	4" x 4" Perlite Cant Strip	5.21	
07 51 13 00-0056	LF	3" x 3" Pressure Treated Wood Cant Strip, Cut Diagonally	4.12	
07 51 13 00-0057	LF	4" x 4" Pressure Treated Wood Cant Strip, Cut Diagonally	4.23	
07 51 13 00-0058	LF	1/2" x 6" Perlite Tapered Edge Strip	4.91	
07 51 13 00-0059	LF	1/2" x 12" Perlite Tapered Edge Strip	5.69	
07 51 13 00-0060	LF	1" x 12" Perlite Tapered Edge Strip	5.90	
07 51 13 00-0061	LF	1" x 24" Perlite Tapered Edge Strip	6.72	
07 51 13 00-0062	LF	1-1/2" x 12" Perlite Tapered Edge Strip	6.64	
07 51 13 00-0063	LF	1-1/2" x 18" Perlite Tapered Edge Strip	8.11	
07 51 13 00-0064	LF	1-1/2" x 24" Perlite Tapered Edge Strip	9.18	
07 51 13 00-0065		Asphalt Primer (07 51 13 00-0001)		
07 51 13 00-0066	SQ	Asphalt Primer For Roofing Systems	37.17	
		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.		
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	378.66	
		For Up To 10, Add	93.92	
		For >10 To 25, Add	56.35	
07 51 13 00-0069	SQ	Demolish Cap Sheet Surfaced, Built Up Roofing System	292.11	
		Note: Includes protective surfacing.		
		For Up To 10, Add	72.45	
		For >10 To 25, Add	43.47	
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	634.62	



Thermal And Moisture Protection			07
Membrane Roofing			07 50
Built-Up Bituminous Roofing			07 51

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0072	SQ		>50 SQ, 10 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty.....	9.07	
07 51 13 00-0073	EA		Up To 50 SQ, 15 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty.....	725.28	
07 51 13 00-0074	SQ		>50 SQ, 15 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty.....	14.51	
07 51 13 00-0075	EA		Up To 50 SQ, 20 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty.....	997.26	
07 51 13 00-0076	SQ		>50 SQ, 20 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty.....	19.95	
07 51 13 00-0077			Built-Up Roofing Components (Tremco) (07 51 13) Note: All tasks presented as a single layer. Adhesives are priced separately.		
07 51 13 00-0078			Cold Applied BUR Base Plies And Ply Sheets (07 51 13 00-0077)		
07 51 13 00-0079	SQ		BURmastic Composite Ply, Cold Applied BUR Component..... Note: Asphalt coated polyester/glass/polyester trilaminate reinforced ply sheet. Type II, 55 mils. Also used as a hot or cold applied base sheet.	144.83	
07 51 13 00-0080	SQ		BURmastic Premium Composite Ply, Cold Applied BUR Component..... Note: Asphalt coated polyester/glass/polyester trilaminate reinforced high strength ply sheet. Type II, 57 mil. Also used as a hot or cold applied base sheet.	175.86	
07 51 13 00-0081	SQ		BURmastic Supreme Composite Ply, Cold Applied BUR Component..... Note: Asphalt coated polyester/glass/polyester trilaminate reinforced high strength ply sheet. Type II, 51 mil. Also used as a hot or cold applied base sheet.	202.51	
07 51 13 00-0082	SQ		28 LB BURmastic Glass Ply, Cold Applied BUR Component..... Note: Asphalt coated fiberglass base or ply sheet. Type II.	45.89	
07 51 13 00-0083	SQ		33 LB BURmastic Glass Ply, Cold Applied BUR Component..... Note: Asphalt coated fiberglass base or ply sheet. Type II.	66.69	
07 51 13 00-0084	SQ		POWERply Modified HE Base Sheet, Hot Or Cold Applied BUR Component..... Note: Smooth surfaced, high elongation polyester reinforced modified bitumen base sheet. Type I, Grade S. 94 mil.	278.02	
07 51 13 00-0085	SQ		POWERply Modified Heavy Duty Base Sheet, Hot Applied BUR Component..... Note: A smooth surfaced, non-woven fiberglass/scrim fiberglass bilaminate reinforced modified bitumen membrane. 120 mil.	257.16	
07 51 13 00-0086			Hot Or Cold Applied Modified Bitumen Cap Membrane (07 51 13 00-0077)		
07 51 13 00-0087	SQ		POWERply Standard Smooth Cap Membrane, Hot Or Cold Applied BUR Component..... Note: Fiberglass reinforced modified bitumen membrane. Type I, Grade S. 80 mils. Also used as a hot or cold applied ply.	156.68	
07 51 13 00-0088	SQ		POWERply Premium Smooth Cap Membrane, Hot Or Cold Applied BUR Component..... Note: Polyester/glass bilaminate reinforced modified bitumen membrane. Type III, Grade S. 90 mils. Also used as a hot or cold applied ply.	416.32	
07 51 13 00-0089	SQ		POWERply Supreme Smooth Cap Membrane, Hot Or Cold Applied BUR Component..... Note: Polyester/glass bilaminate reinforced modified bitumen membrane. Type III, Grade S. 98 mils. Also used as a hot or cold applied ply.	689.17	
07 51 13 00-0090	SQ		POWERply Standard Cap Membrane, Hot Or Cold Applied BUR Component..... Note: Granule surface, fiberglass reinforced modified bitumen cap sheet membrane. 120 mils. Black or white surface.	182.81	
07 51 13 00-0091	SQ		POWERply Standard FR Cap Membrane, Hot Or Cold Applied BUR Component..... Note: Fire rated, granule surfaced, fiberglass reinforced modified bitumen membrane. Type I, Grade G. 120 mils.	281.14	
07 51 13 00-0092	SQ		POWERply Premium FR Cap Membrane, Hot Or Cold Applied BUR Component..... Note: Fire rated, granule surfaced, polyester/glass bilaminate reinforced modified bitumen membrane. Type III, Grade S. 160 mils. Black or white surface.	683.40	
07 51 13 00-0093	SQ		POWERply Standard FR GT24W Cap Membrane, Hot Or Cold Applied BUR Component..... Note: Highly reflective, fire rated, granule surfaced, fiberglass reinforced modified bitumen membrane meeting California's Title 24 requirements. Type I, Grade G. 120 mils.	496.89	
07 51 13 00-0094	SQ		POWERply HE FR Cap Sheet, Hot Applied BUR Component..... Note: High elongation, fire rated, granule surfaced, polyester reinforced modified bitumen membrane. 160 mils.	493.69	
07 51 13 00-0095			Self Adhesive Base Plies And Ply Sheets (07 51 13 00-0077)		
07 51 13 00-0096	SQ		POWERply SA Base Sheet, Self Adhesive Roofing..... Note: A self adhesive, fiberglass reinforced Styrene-Butadiene-Styrene (SBS) modified bitumen base sheet/underlayment. Type 1, Grade S. 80 mils.	286.50	
07 51 13 00-0097	SQ		POWERply SA FR Membrane, Self Adhesive Roofing..... Note: A fire rated, granule surfaced, polyester reinforced, self adhesive Styrene-Butadiene-Styrene (SBS) modified bitumen membrane. Type I, Grade G. 130 mils.	566.61	
07 51 13 00-0098			Flashings (07 51 13 00-0077)		
07 51 13 00-0099	LF		11-1/2" Hypalon Elastomeric Flashing..... Note: 45 mils.	17.32	
07 51 13 00-0100	LF		19" Hypalon Elastomeric Flashing..... Note: 45 mils.	28.01	
07 51 13 00-0101	LF		25" Hypalon Elastomeric Flashing..... Note: 45 mils.	37.19	
07 51 13 00-0102	LF		38" Hypalon Elastomeric Flashing..... Note: 45 mils.	54.62	
07 51 13 00-0103	LF		60-1/2" Hypalon Elastomeric Flashing..... Note: 45 mils.	89.83	
07 51 13 00-0104	LF		12" TRA Elastomeric Flashing Membrane..... Note: Polyester reinforced flashing membrane. 45 mils.	13.63	
07 51 13 00-0105	LF		18" TRA Elastomeric Flashing Membrane..... Note: Polyester reinforced flashing membrane. 45 mils.	22.10	
07 51 13 00-0106	LF		24" TRA Elastomeric Flashing Membrane..... Note: Polyester reinforced flashing membrane. 45 mils.	29.44	

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 00-0107	LF	36" TRA Elastomeric Flashing Membrane Note: Polyester reinforced flashing membrane. 45 mils.	43.09	
07 51 13 00-0108	LF	60" TRA Elastomeric Flashing Membrane Note: Polyester reinforced flashing membrane. 45 mils.	72.48	
07 51 13 00-0109	LF	4" BURmesh Fabric Note: Glass membrane for reinforcement or repair of roof membranes and flashings.	3.70	
07 51 13 00-0110	LF	6" BURmesh Fabric Note: Glass membrane for reinforcement or repair of roof membranes and flashings.	3.88	
07 51 13 00-0111	LF	12" BURmesh Fabric Note: Glass membrane for reinforcement or repair of roof membranes and flashings.	5.47	
07 51 13 00-0112	LF	36" BURmesh Fabric Note: Glass membrane for reinforcement or repair of roof membranes and flashings.	14.19	
07 51 13 00-0113		Cold Applied Adhesives (07 51 13 00-0077)		
07 51 13 00-0114	SQ	BURmastic Inter-Ply Cold Applied Adhesive.....	176.43	
07 51 13 00-0115	SQ	BURmastic Flood Coat Cold Applied Adhesive.....	291.08	
07 51 13 00-0116	SQ	BURmastic SF Inter-Ply Cold Applied Adhesive.....	225.18	
07 51 13 00-0117	SQ	BURmastic LV Inter-Ply Cold Applied Adhesive.....	176.43	
07 51 13 00-0118	SQ	POWERply Standard Inter-Ply Cold Applied Adhesive.....	88.57	
07 51 13 00-0119	SQ	POWERply Standard Flood Coat Cold Applied Adhesive.....	198.07	
07 51 13 00-0120	SQ	POWERply White On White Cold Applied Adhesive.....	195.42	
07 51 13 00-0121	SQ	Rock-It Cold Applied Adhesive For Gravel Applications.....	549.64	
07 51 13 00-0122	SQ	FAS-n-FREE Cold Applied Adhesive (Beads 12" OC)..... Note: For insulation only.	304.13	
07 51 13 00-0123	SQ	ECOLastic Cold Applied Adhesive.....	340.54	
07 51 13 00-0124		Hot Applied Adhesives (07 51 13 00-0077)		
07 51 13 00-0125	SQ	Premium III Asphalt Inter-Ply Hot Applied Adhesive.....	62.29	
07 51 13 00-0126	SQ	Premium III Asphalt Flood Coat Hot Applied Adhesive.....	116.59	
07 51 13 00-0127		Flashings Adhesives (07 51 13 00-0077)		
07 51 13 00-0128	LF	Sheeting Bond Flashing Adhesive Note: Used to attach Hypalon sheeting to asphalt or coal-tar roofing membranes.	20.66	
07 51 13 00-0129	LF	Polyroof SF Flashing Mastic..... Note: A solvent free, one part elastomeric roof mastic. Used to seal edges or as a repair mastic for split or cracked seals.	27.64	
07 51 13 00-0130	LF	ELS Flashing Mastic Note: Used for repairing flashings and asphalt built-up roof defects.	16.47	
07 51 13 00-0131	LF	TremSEAL D General Purpose Sealant.....	6.24	
07 51 13 00-0132	LF	TremSEAL HP High Performance Sealant.....	6.42	
07 51 13 00-0133	LF	TremSEAL S Silicone Sealant.....	6.28	
07 51 13 00-0134		Surfacing (07 51 13 00-0077)		
07 51 13 00-0135	SQ	TremLastic SP Non-Fibered Elastomeric Emulsion Cold Applied Coating.....	263.83	
07 51 13 00-0136	SQ	ICE Coating, Water Based, Heavy Bodied Elastomeric Roof Coating.....	589.14	
07 51 13 00-0137	SQ	Polar Coat.....	149.69	
07 51 13 00-0138	SQ	Alumanation 301, Asphalt Based, Fibrated Aluminum Roof Coating.....	184.15	
07 51 13 00-0139	SQ	Wall-Tite, Elastomeric Coating For Exterior Above-Grade Walls.....	539.30	
07 51 13 00-0140	SQ	Solarguard Hy-Build, Elastomeric Coating For Exterior Above-Grade Walls.....	242.14	
07 51 13 00-0141	SQ	100% Stitchbonded, Polyester Fabric (Tremco PERMAFAB).....	69.66	
07 51 13 00-0142		Walkway Protection Pads (07 51 13 00-0077)		
07 51 13 00-0143	LF	36" Wide, Fiberglass Reinforced Asphaltic Walkway Protection Pad (Tremco Trem-Tred®).....	33.42	
07 51 13 00-0144		Primer (07 51 13 00-0077)		
07 51 13 00-0145	SQ	TREMprime WB Primer Note: Water based polymer modified asphalt primer.	37.37	
07 51 13 00-0146	SQ	Solarguard Masonry Primer, Acrylic Latex Primer For Wall Tite F Coating.....	86.02	
07 51 13 00-0147		Liquid Applied Roofing (07 51 13 00-0077)		
07 51 13 00-0148	SQ	Trem-LAR LRM H Waterproofing (Horizontal) Note: One part liquid applied elastomeric roofing membrane. 60 mils.	447.88	
07 51 13 00-0149	SQ	Trem-LAR LRM V Waterproofing (Vertical)..... Note: One part liquid applied elastomeric roofing membrane. 60 mils.	455.66	
07 51 13 00-0150	SQ	AlphaGuard BIO Base Coat, High Performance, Two-Part, Polyurethane Roof Coating For Smooth BUR/MB, Concrete Or Single Ply Surfaces..... Note: Two part liquid applied polyurethane roof coating. 48 mils.	587.33	
07 51 13 00-0151	SQ	AlphaGuard BIO Base Coat, High Performance, Two-Part, Polyurethane Roof Coating For Granule MB Surfaces..... Note: Two part liquid applied polyurethane roof coating. 64 mils.	765.32	
07 51 13 00-0152	SQ	AlphaGuard BIO Top Coat, High Performance, Two-Part, Polyurethane Roof Coating..... Note: Two part liquid applied polyurethane roof coating. 32 mils.	444.62	
07 51 13 00-0153	SQ	AlphaGuard Glass Mat..... Note: Reinforcement mat for AlphaGuard systems.	85.36	



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 00-0154	SQ		AlphaGuard C-Prime Primer Note: 100% solids epoxy primer for concrete surfaces.	85.62	
07 51 13 00-0155	SQ		AlphaGuard M-Prime Primer Note: Water based primer for metal and plastic surfaces.	92.15	
07 51 13 00-0156	SQ		Geogard Primer Note: Reactivation primer for cured AlphaGuard MT roof systems and coatings.	67.47	
07 51 13 00-0157	SQ		AlphaGuard Primer WB Note: Water based polymer modified primer which conditions a variety of roofing substrates prior to the application of AlphaGuard systems.	60.52	
07 51 13 00-0158			Atactic-Polypropylene (APP) Products (07 51 13 00-0077)		
07 51 13 00-0159	SQ		POWERply Atactic-Polypropylene (APP) Base Sheet	230.89	
07 51 13 00-0160	SQ		POWERply Atactic-Polypropylene (APP) FR	437.61	
07 51 13 00-0161	SQ		POWERply Atactic-Polypropylene (APP) Smooth	350.66	
07 51 13 00-0162			Tri-Polymer Alloy (TPA) White Membrane (07 51 13 00-0077)		
07 51 13 00-0163	SQ		45 Mil Tri-Polymer Alloy (TPA) White Membrane	612.31	
07 51 13 00-0164	SQ		60 Mil Tri-Polymer Alloy (TPA) White Membrane	843.18	
07 51 13 00-0165	SQ		80 Mil Tri-Polymer Alloy (TPA) White Membrane	959.53	
07 51 13 00-0166			Tri-Polymer Alloy (TPA) Polyester Fleece Backed White Membrane (07 51 13 00-0077)		
07 51 13 00-0167	SQ		45 Mil Tri-Polymer Alloy (TPA) Polyester Fleece Backed White Membrane	705.89	
07 51 13 00-0168	SQ		60 Mil Tri-Polymer Alloy (TPA) Polyester Fleece Backed White Membrane	868.00	
07 51 13 00-0169	SQ		80 Mil Tri-Polymer Alloy (TPA) Polyester Fleece Backed White Membrane	1,063.86	
07 51 13 00-0170			Tri-Polymer Alloy (TPA) Membrane Accessories (07 51 13 00-0077)		
07 51 13 00-0171	EA		>1" To 4" Pipe Diameter, Prefabricated Tri-Polymer Alloy (TPA) Pipe Cone/Boot (Tremco)	126.02	
07 51 13 00-0172	EA		>4" To 8" Pipe Diameter, Prefabricated Tri-Polymer Alloy (TPA) Pipe Cone/Boot (Tremco)	143.15	
07 51 13 00-0173	LF		36" Wide, Thermoplastic Tri-Polymer Alloy (TPA) Walkway Protection Pad (Tremco)	19.76	
07 51 13 00-0174	SQ		Factory Coated Steel Fasteners And Steel Or Plastic Membrane Plates (Tremco)	67.42	
07 51 13 00-0175			Thermoplastic Polyolefin (TPO) Polyester White Membrane (07 51 13 00-0077)		
07 51 13 00-0176	SQ		45 Mil Thermoplastic Polyolefin (TPO) Polyester White Membrane	325.68	
07 51 13 00-0177	SQ		60 Mil Thermoplastic Polyolefin (TPO) Polyester White Membrane	330.72	
07 51 13 00-0178	SQ		80 Mil Thermoplastic Polyolefin (TPO) Polyester White Membrane	593.51	
07 51 13 00-0179			Thermoplastic Polyolefin (TPO) Polyester Fleece Backed White Membrane (07 51 13 00-0077)		
07 51 13 00-0180	SQ		45 Mil Thermoplastic Polyolefin (TPO) Polyester Fleece Backed White Membrane	380.46	
07 51 13 00-0181	SQ		60 Mil Thermoplastic Polyolefin (TPO) Polyester Fleece Backed White Membrane	430.15	
07 51 13 00-0182	SQ		80 Mil Thermoplastic Polyolefin (TPO) Polyester Fleece Backed White Membrane	629.12	
07 51 13 00-0183			Chlorosulfonated Polyethylene (CSPE) White Membrane (Tremply HP 4510) (07 51 13 00-0077)		
07 51 13 00-0184	SQ		45 Mil Chlorosulfonated Polyethylene (CSPE) White Membrane (Tremply HP 4510)	1,034.92	
07 51 13 00-0185			Single Ply Adhesives (07 51 13 00-0077)		
07 51 13 00-0186	SQ		Low VOC, TPA Bonding Adhesive (Tremco)	165.63	
07 51 13 00-0187	SQ		Water Based, TPA Bonding Adhesive (Tremco)	187.42	
07 51 13 00-0188	SQ		Water Based, Fleece Backed Single Ply Bonding Adhesive (Tremco)	162.47	
07 51 13 00-0189	SQ		Low VOC, TPO Bonding Adhesive (Tremco)	107.54	
07 51 13 00-0190			Warranty (Tremco) (07 51 13 00-0077)		
07 51 13 00-0191	EA		Up To 10,000 SF 15 Year Roofing System Warranty	1,500.00	
07 51 13 00-0192	SF		>10,000 SF 15 Year Roofing System Warranty	0.15	
07 51 13 00-0193	EA		Up To 10,000 SF 20 Year Roofing System Warranty	2,000.00	
07 51 13 00-0194	SF		>10,000 SF 20 Year Roofing System Warranty	0.20	
07 51 13 00-0195			Built-Up Roofing Components (Garland) (07 51 13) Note: All tasks presented as a single layer. Adhesives are priced separately.		
07 51 13 00-0196			Modified Cap Membranes (07 51 13 00-0195) See CSI section 07 51 13 00-0220 for base membrane.		
07 51 13 00-0197			Modified Cap Membranes, Hot/Cold Applied (07 51 13 00-0196) Note: As manufactured by Garland. Pricing represents single ply per square. Includes 30 year leak-free warranty.		
07 51 13 00-0198	SQ		Stressply® FR Mineral Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Fiberglass Reinforced Membrane, Minimum 145 Mil	724.37	
07 51 13 00-0199	SQ		Stressply® Plus Poly/Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Membrane With Recycled Rubber, 105 Mil	518.04	

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 00-0200	SQ	Stressply® Plus FR Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Fiberglass Reinforced Membrane With Recycled Rubber, Minimum 155 Mil.....	641.55	
07 51 13 00-0201	SQ	Stressply® E Eco-Responsible, Smooth Styrene-Butadiene-Styrene (SBS)/Styrene-Isoprene-Styrene (SIS) Membrane With High Recycled Content And Renewable Materials.....	666.68	
07 51 13 00-0202	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.....	928.47	
07 51 13 00-0203	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.....	1,043.83	
07 51 13 00-0204	SQ	Versiply® III 80 Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Membrane, 80 Mil..... Note: Low strength cap sheet for hot or cold modified systems used with gravel.	438.17	
07 51 13 00-0205	SQ	Versiply® III Mineral Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Membrane, Minimum 145 Mil.....	552.81	
07 51 13 00-0206	SQ	BiFlex® Cap Fiberglass Reinforced, Mineral Surfaced Styrene-Butadiene-Styrene (SBS) Modified Membrane, 140 Mil.....	337.62	
07 51 13 00-0207		Modified Cap Membranes, Self-Adhering (07 51 13 00-0196) Note: As manufactured by Garland. Pricing represents single ply per square. Includes 25 year leak-free warranty.		
07 51 13 00-0208	SQ	Stressply® SA FR Mineral Styrene-Butadiene-Styrene (SBS) Modified Self-Adhering Fiberglass Reinforced Membrane, Minimum 140 Mil..... Note: Self adhering system. One HPR SA FR base with one ply Stress Ply SA FR cap sheet.	655.59	
07 51 13 00-0209		Modified Cap Membranes, Torch-Applied (07 51 13 00-0196) Note: As manufactured by Garland. Pricing represents single ply per square. Includes 30 year leak-free warranty.		
07 51 13 00-0210	SQ	Stressply® IV Dual Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Membrane, Torch Applied, 180 Mil..... Note: Smooth surfaced Styrene-Butadiene-Styrene (SBS) torch modified top ply of torch system with gravel.	807.20	
07 51 13 00-0211	SQ	Stressply® IV Mineral Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Membrane, Torch Applied, Minimum 195 Mil.....	878.20	
07 51 13 00-0212	SQ	Stressply® IV UV Mineral Fiberglass Reinforced, Starburst Surface Styrene-Butadiene-Styrene (SBS) Modified Membrane, Torch Applied, Title 24 Compliant, 195 Mil.....	925.52	
07 51 13 00-0213	SQ	Stressply® IV Plus Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Membrane, Torch Applied, 180 Mil.....	845.65	
07 51 13 00-0214	SQ	Stressply® IV Plus Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Mineral Surfaced Membrane, Torch Applied, 195 Mil.....	895.94	
07 51 13 00-0215	SQ	Stressply® IV Plus UV Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Reflective Mineral Membrane, Torch Applied, 195 Mil.....	940.31	
07 51 13 00-0216		Modified Cap Membranes, Coal Tar Pitch Systems (07 51 13 00-0196) Note: As manufactured by Garland. Pricing represents single ply per square. Includes 30 year leak-free warranty.		
07 51 13 00-0217	SQ	Millennium® Poly/Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Coal Tar Membrane, Minimum 120 Mil.....	744.32	
07 51 13 00-0218	SQ	Millennium® FR Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Coal Tar Fiberglass Reinforced Membrane, Minimum 160 Mil.....	1,176.94	
07 51 13 00-0219	SQ	Millennium® Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Coal Tar Membrane, Minimum 160 Mil.....	958.06	
07 51 13 00-0220		Base Ply (07 51 13 00-0195) Note: Used with modified cap membranes, underlayment for metal systems, and reinforcement for restoration systems. See CSI section 07 51 13 00-0196 for cap membrane.		
07 51 13 00-0221	SQ	Flexbase® E 120 Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Base Sheet Used As Base Ply With Biflex Cap, 120 Mil.....	662.25	
07 51 13 00-0222	SQ	Flexbase® 80 Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Base Sheet Used As Base Ply With Biflex Cap, 80 Mil.....	415.99	
07 51 13 00-0223	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.	95.05	
07 51 13 00-0224	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.	62.81	
07 51 13 00-0225	SQ	HPR® Premium Glasbase High Strength, Double Coated Premium Base Sheet, Far Exceeds ASTM D 4601 Type II, 55 Mil.....	76.55	
07 51 13 00-0226	SQ	HPR® Premium Glasfelt Premium Asphalt Saturated Fiberglass Felt, ASTM D 2178 Type VI, 25 Mil.....	83.21	
07 51 13 00-0227	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.	129.80	
07 51 13 00-0228	SQ	Millennium® Base Poly/Fiberglass Reinforced Coal Tar Base Sheet For Cold Millennium Systems, 80 Mil.....	421.91	
07 51 13 00-0229	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.	363.50	
07 51 13 00-0230	SQ	SA Base IV Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Underlayment Used With StressPly Cap Sheets, 110 Mil.....	339.26	
07 51 13 00-0231	SQ	StressBase® 120 Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Underlayment Used With VersiPly And StressPly Cap Sheets, 120 Mil.....	369.40	
07 51 13 00-0232	SQ	StressBase® 80 Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Underlayment Used With VersiPly And StressPly Cap Sheets, 80 Mil.....	306.55	
07 51 13 00-0233	LF	Garmesh® 6" Styrene-Butadiene-Styrene (SBS) Coated Woven Fiberglass Reinforcing Fabric.....	5.31	
07 51 13 00-0234	LF	Grip Polyester® Firm Polyester Reinforcement Used For Cold Application Over Smooth BUR Or Modified Roof Systems.....	14.90	
07 51 13 00-0235	SQ	Grip Polyester® Soft Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems.....	73.23	



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 00-0236	LF		Grip Polyester® Soft 12" Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems	6.93	
07 51 13 00-0237	LF		Grip Polyester® Soft 4" Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems	5.01	
07 51 13 00-0238	LF		Grip Polyester® Soft 6" Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems	5.88	
07 51 13 00-0239	SQ		HPR® Polyscrim Plus Polyester Reinforcement For Hot Bitumen Applications.....	160.43	
07 51 13 00-0240			Coatings And Mastics For Roof Installation, Restoration And Repairs (07 51 13 00-0195)		
07 51 13 00-0241	SQ		Water Based Roof Primer, GarlaPrime VOC Primer.....	45.91	
07 51 13 00-0242	SQ		Black-Knight® Primer	42.43	
07 51 13 00-0243	SQ		Black-Knight® Cold, Cold Process Polymer Modified Coal Tar, Interply	176.43	
07 51 13 00-0244	SQ		Black-Knight® Cold, Cold Process Polymer Modified Coal Tar, Flood Coat (4-5 GAL/SQ)	186.44	
07 51 13 00-0245	SQ		Black-Knight® Cold, Cold Process Polymer Modified Coal Tar, Restoration (6-8 GAL/SQ)	296.96	
07 51 13 00-0246	SQ		Black-Knight® LV Hot Applied Polymer Modified Lower Viscosity Coal Tar Adhesive, Interply.....	479.43	
07 51 13 00-0247	SQ		Black-Knight® LV Hot Applied Polymer Modified Lower Viscosity Coal Tar Adhesive, Flood Coat.....	492.76	
07 51 13 00-0248	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)	230.01	
07 51 13 00-0249	SQ		Energizer® K Plus FR Cold Applied Styrene-Butadiene-Styrene (SBS) Modified Asphalt Coating With Kevlar® For Smooth And Mineral Restoration, Restoration	380.39	
07 51 13 00-0250	SQ		Energizer® LO Low Odor Cold Applied Polyurethane Modified Asphalt Liquid Membrane For Smooth And Mineral Restoration, One Coat (3 GAL/SQ)	588.41	
07 51 13 00-0251	SQ		Energizer® LO Low Odor Cold Applied Polyurethane Modified Asphalt Liquid Membrane For Smooth And Mineral Restoration, Restoration.....	977.91	
07 51 13 00-0252	SQ		Garlastic® KM Plus Premium Hot Applied, Styrene-Ethylene-Butadiene-Styrene (SEBS) Modified Adhesive/Waterproofer, Interply	409.12	
07 51 13 00-0253	SQ		Garlastic® KM Plus Premium Hot Applied, Styrene-Ethylene-Butadiene-Styrene (SEBS) Modified Adhesive/Waterproofer, Flood Coat	422.45	
07 51 13 00-0254	SQ		Green-Lock® Flashing Adhesive 100% Solids Polyether, Zero VOC, Flashing Adhesive To Be Used With Styrene-Butadiene-Styrene (SBS) Sheets Only	898.68	
07 51 13 00-0255	SQ		Green-Lock® Membrane Adhesive 100% Solids Polyether, Zero VOC, Membrane Adhesive To Be Used With Styrene-Butadiene-Styrene (SBS) Sheets Only	388.44	
07 51 13 00-0256	SQ		HPR® All-Temp Asphalt Hot Applied, High Softening Point, High Penetration Mopping Asphalt, Interply	189.30	
07 51 13 00-0257	SQ		HPR® All-Temp Asphalt Hot Applied, High Softening Point, High Penetration Mopping Asphalt, Flood Coat	202.63	
07 51 13 00-0258	SQ		Insul-Lock® E HR Bio-Based High Rise Urethane Insulation Adhesive For New Construction Or Gravel	175.80	
07 51 13 00-0259	SQ		Insul-Lock® HR High Rise Urethane Insulation Adhesive For New Construction Or Gravel Recovers	164.05	
07 51 13 00-0260	SQ		Insul-Lock® HR Universal Primer All-Purpose Water Based Primer Designed For Use With The Insul-Lock Products	20.32	
			Note: Adheres all insulation layers for cold systems		
07 51 13 00-0261	SQ		Pyramic® Plus LO White, Water-Based Acrylic, Low VOC, Reflective Roof Coating, Energy Star, Top Coat Required.....	200.27	
07 51 13 00-0262	SQ		Pyramic® Plus LO Base Coat, Water-Based, Acrylic, Low VOC, Base Coating For A Pyramic System	194.12	
07 51 13 00-0263	LF		Silver-Flash® Aluminized Asphalt Fibered Trowel Grade Mastic Used With GarMesh	24.33	
07 51 13 00-0264	SQ		Solex® White, Kynar® Acrylic Topcoat Roof Coating Used With Pyramic Base Coat.....	259.45	
07 51 13 00-0265	SQ		Tuff-Flash™ Multi-Purpose Asphaltic Polyurethane Liquid Flashing Membrane Used With Reinforcing Fabric.....	1,481.04	
07 51 13 00-0266	SQ		Weatherscreen™ Rubberized, Fiber-Reinforced Fire-Rated Restoration For Modified And Gravel, Flood Coat (4-5 GAL/SQ).....	330.01	
07 51 13 00-0267	SQ		Weatherscreen™ Rubberized, Fiber-Reinforced Fire-Rated Restoration For Modified And Gravel	403.06	
07 51 13 00-0268	SQ		Weatherking® Cold Applied Rubber Modified Asphalt Interplay Adhesive For Slopes Up To 3:12, Interply	149.57	
07 51 13 00-0269	SQ		Weatherking® Flashing Adhesive Brush Grade, Cold Applied Asphalt Adhesive For Flashings In A Weatherking System	488.41	
07 51 13 00-0270	SQ		Weatherking® Plus WC Cold Applied Rubber Modified, VOC Compliant Asphalt Interply Adhesive For Slopes Up To 2:12, Interply.....	148.44	
			Note: Inner ply and flood coat SEBS modified adhesive for all cold systems with gravel.		
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.....	210.80	
			For Up To 10, Add	49.37	
			For >10 To 20, Add	26.49	
			For >20 To 40, Add	14.15	
			For >75 To 100, Deduct	-7.07	
			For >100 To 200, Deduct	-15.05	
			For >200, Deduct	-22.12	

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 11-0004	SQ		90 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Or Ply Sheet, Cold Adhesive Applied	257.03	
			For Up To 10, Add	58.62	
			For >10 To 20, Add	31.11	
			For >20 To 40, Add	16.46	
			For >75 To 100, Deduct	-8.23	
			For >100 To 200, Deduct	-17.36	
			For >200, Deduct	-25.59	
07 52 13 11-0005	SQ		160 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Cold Adhesive Applied	404.64	
			For Up To 10, Add	88.14	
			For >10 To 20, Add	45.87	
			For >20 To 40, Add	23.84	
			For >75 To 100, Deduct	-11.92	
			For >100 To 200, Deduct	-24.74	
			For >200, Deduct	-36.66	
07 52 13 11-0006	SQ		160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied	408.07	
			For Up To 10, Add	89.51	
			For >10 To 20, Add	46.73	
			For >20 To 40, Add	24.35	
			For >75 To 100, Deduct	-12.18	
			For >100 To 200, Deduct	-25.34	
			For >200, Deduct	-37.52	
07 52 13 11-0007	SQ		160 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied	291.49	
			For Up To 10, Add	66.20	
			For >10 To 20, Add	35.07	
			For >20 To 40, Add	18.52	
			For >75 To 100, Deduct	-9.26	
			For >100 To 200, Deduct	-19.51	
			For >200, Deduct	-28.77	
			For Factory Applied White Reflective Surfacing, Add	105.13	
07 52 13 11-0008	SQ		160 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied	338.25	
			For Up To 10, Add	75.55	
			For >10 To 20, Add	39.75	
			For >20 To 40, Add	20.86	
			For >75 To 100, Deduct	-10.43	
			For >100 To 200, Deduct	-21.85	
			For >200, Deduct	-32.28	
			For Factory Applied White Reflective Surfacing, Add	105.13	
07 52 13 11-0009	SQ		180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied	465.65	
			For Up To 10, Add	101.03	
			For >10 To 20, Add	52.49	
			For >20 To 40, Add	27.23	
			For >75 To 100, Deduct	-13.62	
			For >100 To 200, Deduct	-28.22	
			For >200, Deduct	-41.83	
			For Factory Applied White Reflective Surfacing, Add	105.13	
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	5.88	
07 52 13 11-0012	SF		180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Cold Adhesive Applied	8.99	
			For Factory Applied White Reflective Surfacing, Add	1.05	
07 52 13 13			Torch-Applied Atactic-Polypropylene-Modified Bituminous Membrane Roofing (07 52 13)		
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	151.57	
			For Up To 10, Add	37.52	
			For >10 To 20, Add	20.56	
			For >20 To 40, Add	11.18	
			For >75 To 100, Deduct	-5.59	
			For >100 To 200, Deduct	-12.08	
			For >200, Deduct	-17.67	
07 52 13 13-0004	SQ		90 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Or Ply Sheet, Torch-Applied	197.80	
			For Up To 10, Add	46.76	
			For >10 To 20, Add	25.18	
			For >20 To 40, Add	13.49	
			For >75 To 100, Deduct	-6.75	
			For >100 To 200, Deduct	-14.39	
			For >200, Deduct	-21.14	



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 13-0005	SQ		150 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Torch-Applied	237.59	
			For Up To 10, Add	58.34	
			For >10 To 20, Add	31.87	
			For >20 To 40, Add	17.29	
			For >75 To 100, Deduct	-8.64	
			For >100 To 200, Deduct	-18.64	
			For >200, Deduct	-27.29	
07 52 13 13-0006	SQ		160 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Torch-Applied	249.42	
			For Up To 10, Add	60.70	
			For >10 To 20, Add	33.06	
			For >20 To 40, Add	17.88	
			For >75 To 100, Deduct	-8.94	
			For >100 To 200, Deduct	-19.23	
			For >200, Deduct	-28.17	
07 52 13 13-0007	SQ		180 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Torch-Applied	345.46	
			For Up To 10, Add	79.91	
			For >10 To 20, Add	42.66	
			For >20 To 40, Add	22.68	
			For >75 To 100, Deduct	-11.34	
			For >100 To 200, Deduct	-24.04	
			For >200, Deduct	-35.38	
07 52 13 13-0008	SQ		150 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	237.59	
			For Up To 10, Add	58.34	
			For >10 To 20, Add	31.87	
			For >20 To 40, Add	17.29	
			For >75 To 100, Deduct	-8.64	
			For >100 To 200, Deduct	-18.64	
			For >200, Deduct	-27.29	
07 52 13 13-0009	SQ		160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	252.38	
			For Up To 10, Add	61.30	
			For >10 To 20, Add	33.35	
			For >20 To 40, Add	18.03	
			For >75 To 100, Deduct	-9.01	
			For >100 To 200, Deduct	-19.38	
			For >200, Deduct	-28.40	
07 52 13 13-0010	SQ		180 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	345.46	
			For Up To 10, Add	79.91	
			For >10 To 20, Add	42.66	
			For >20 To 40, Add	22.68	
			For >75 To 100, Deduct	-11.34	
			For >100 To 200, Deduct	-24.04	
			For >200, Deduct	-35.38	
07 52 13 13-0011	SQ		160 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	246.91	
			For Up To 10, Add	60.20	
			For >10 To 20, Add	32.81	
			For >20 To 40, Add	17.76	
			For >75 To 100, Deduct	-8.88	
			For >100 To 200, Deduct	-19.11	
			For >200, Deduct	-27.99	
			For Factory Applied White Reflective Surfacing, Add	105.13	
07 52 13 13-0012	SQ		170 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	261.26	
			For Up To 10, Add	63.07	
			For >10 To 20, Add	34.24	
			For >20 To 40, Add	18.47	
			For >75 To 100, Deduct	-9.24	
			For >100 To 200, Deduct	-19.83	
			For >200, Deduct	-29.06	
			For Factory Applied White Reflective Surfacing, Add	105.13	
07 52 13 13-0013	SQ		160 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	296.48	
			For Up To 10, Add	70.12	
			For >10 To 20, Add	37.76	
			For >20 To 40, Add	20.23	
			For >75 To 100, Deduct	-10.12	
			For >100 To 200, Deduct	-21.59	
			For >200, Deduct	-31.70	
			For Factory Applied White Reflective Surfacing, Add	105.13	
07 52 13 13-0014	SQ		170 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	300.77	
			For Up To 10, Add	70.97	
			For >10 To 20, Add	38.19	
			For >20 To 40, Add	20.45	
			For >75 To 100, Deduct	-10.22	
			For >100 To 200, Deduct	-21.80	
			For >200, Deduct	-32.03	
			For Factory Applied White Reflective Surfacing, Add	105.13	
07 52 13 13-0015	SQ		180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	421.07	
			For Up To 10, Add	95.03	
			For >10 To 20, Add	50.22	
			For >20 To 40, Add	26.46	
			For >75 To 100, Deduct	-13.23	
			For >100 To 200, Deduct	-27.82	
			For >200, Deduct	-41.05	
			For Factory Applied White Reflective Surfacing, Add	105.13	

07 52 13 13-0016 Torch-Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing
Flashing (07 52 13 13-0001)

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 13-0017	SF	150 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	3.45	
07 52 13 13-0018	SF	160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	3.60	
07 52 13 13-0019	SF	180 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	4.53	
07 52 13 13-0020	SF	170 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	3.69	
		<i>For Factory Applied White Reflective Surfacing, Add</i>	1.05	
07 52 13 13-0021	SF	170 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	4.09	
		<i>For Factory Applied White Reflective Surfacing, Add</i>	1.05	
07 52 13 13-0022	SF	180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	5.29	
		<i>For Factory Applied White Reflective Surfacing, Add</i>	1.05	
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	225.87	
		<i>For Up To 10, Add</i>	48.78	
		<i>For >10 To 20, Add</i>	25.29	
		<i>For >20 To 40, Add</i>	13.09	
		<i>For >75 To 100, Deduct</i>	-6.55	
		<i>For >100 To 200, Deduct</i>	-13.54	
		<i>For >200, Deduct</i>	-20.09	
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	165.54	
		<i>For Up To 10, Add</i>	40.32	
		<i>For >10 To 20, Add</i>	21.96	
		<i>For >20 To 40, Add</i>	11.88	
		<i>For >75 To 100, Deduct</i>	-5.94	
		<i>For >100 To 200, Deduct</i>	-12.78	
		<i>For >200, Deduct</i>	-18.73	
07 52 16 11-0004	SQ	80 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Cold Adhesive Applied	216.87	
		<i>For Up To 10, Add</i>	50.59	
		<i>For >10 To 20, Add</i>	27.10	
		<i>For >20 To 40, Add</i>	14.45	
		<i>For >75 To 100, Deduct</i>	-7.22	
		<i>For >100 To 200, Deduct</i>	-15.35	
		<i>For >200, Deduct</i>	-22.58	
07 52 16 11-0005	SQ	90 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Cold Adhesive Applied	223.49	
		<i>For Up To 10, Add</i>	51.91	
		<i>For >10 To 20, Add</i>	27.76	
		<i>For >20 To 40, Add</i>	14.78	
		<i>For >75 To 100, Deduct</i>	-7.39	
		<i>For >100 To 200, Deduct</i>	-15.68	
		<i>For >200, Deduct</i>	-23.07	
07 52 16 11-0006	SQ	120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Cold Adhesive Applied	305.37	
		<i>For Up To 10, Add</i>	68.29	
		<i>For >10 To 20, Add</i>	35.95	
		<i>For >20 To 40, Add</i>	18.87	
		<i>For >75 To 100, Deduct</i>	-9.44	
		<i>For >100 To 200, Deduct</i>	-19.78	
		<i>For >200, Deduct</i>	-29.21	
07 52 16 11-0007	SQ	125 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Ply Sheet, Cold Adhesive Applied	388.23	
		<i>For Up To 10, Add</i>	84.86	
		<i>For >10 To 20, Add</i>	44.23	
		<i>For >20 To 40, Add</i>	23.02	
		<i>For >75 To 100, Deduct</i>	-11.51	
		<i>For >100 To 200, Deduct</i>	-23.92	
		<i>For >200, Deduct</i>	-35.43	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 11-0008	SQ		140 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive		
			Applied	322.97	
			For Up To 10, Add	72.49	
			For >10 To 20, Add	38.22	
			For >20 To 40, Add	20.10	
			For >75 To 100, Deduct	-10.05	
			For >100 To 200, Deduct	-21.08	
			For >200, Deduct	-31.13	
07 52 16 11-0009	SQ		150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive		
			Applied	331.88	
			For Up To 10, Add	74.27	
			For >10 To 20, Add	39.11	
			For >20 To 40, Add	20.54	
			For >75 To 100, Deduct	-10.27	
			For >100 To 200, Deduct	-21.53	
			For >200, Deduct	-31.80	
07 52 16 11-0010	SQ		125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive		
			Applied	290.15	
			For Up To 10, Add	65.93	
			For >10 To 20, Add	34.94	
			For >20 To 40, Add	18.46	
			For >75 To 100, Deduct	-9.23	
			For >100 To 200, Deduct	-19.44	
			For >200, Deduct	-28.67	
			For Factory Applied White Reflective Surfacing, Add	105.13	
07 52 16 11-0011	SQ		140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive		
			Applied	294.00	
			For Up To 10, Add	66.70	
			For >10 To 20, Add	35.32	
			For >20 To 40, Add	18.65	
			For >75 To 100, Deduct	-9.32	
			For >100 To 200, Deduct	-19.64	
			For >200, Deduct	-28.96	
			For Factory Applied White Reflective Surfacing, Add	105.13	
07 52 16 11-0012	SQ		150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive		
			Applied	329.52	
			For Up To 10, Add	73.80	
			For >10 To 20, Add	38.88	
			For >20 To 40, Add	20.43	
			For >75 To 100, Deduct	-10.21	
			For >100 To 200, Deduct	-21.41	
			For >200, Deduct	-31.62	
			For Factory Applied White Reflective Surfacing, Add	105.13	
07 52 16 11-0013	SQ		160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive		
			Applied	335.43	
			For Up To 10, Add	74.98	
			For >10 To 20, Add	39.47	
			For >20 To 40, Add	20.72	
			For >75 To 100, Deduct	-10.36	
			For >100 To 200, Deduct	-21.71	
			For >200, Deduct	-32.07	
			For Factory Applied White Reflective Surfacing, Add	105.13	
07 52 16 11-0014	SQ		170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive		
			Applied	387.22	
			For Up To 10, Add	85.34	
			For >10 To 20, Add	44.65	
			For >20 To 40, Add	23.31	
			For >75 To 100, Deduct	-11.66	
			For >100 To 200, Deduct	-24.30	
			For >200, Deduct	-35.95	
			For Factory Applied White Reflective Surfacing, Add	105.13	
07 52 16 11-0015	SQ		180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive		
			Applied	481.57	
			For Up To 10, Add	104.21	
			For >10 To 20, Add	54.08	
			For >20 To 40, Add	28.03	
			For >75 To 100, Deduct	-14.01	
			For >100 To 200, Deduct	-29.01	
			For >200, Deduct	-43.03	
			For Factory Applied White Reflective Surfacing, Add	105.13	
07 52 16 11-0016	SQ		125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	296.58	
			For Up To 10, Add	67.21	
			For >10 To 20, Add	35.58	
			For >20 To 40, Add	18.78	
			For >75 To 100, Deduct	-9.39	
			For >100 To 200, Deduct	-19.77	
			For >200, Deduct	-29.15	
			For Factory Applied White Reflective Surfacing, Add	105.13	

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 11-0017	SQ		140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	305.84	
			For Up To 10, Add	69.07	
			For >10 To 20, Add	36.51	
			For >20 To 40, Add	19.24	
			For >75 To 100, Deduct	-9.62	
			For >100 To 200, Deduct	-20.23	
			For >200, Deduct	-29.85	
			For Factory Applied White Reflective Surfacing, Add	105.13	
07 52 16 11-0018	SQ		150 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	356.15	
			For Up To 10, Add	79.13	
			For >10 To 20, Add	41.54	
			For >20 To 40, Add	21.76	
			For >75 To 100, Deduct	-10.88	
			For >100 To 200, Deduct	-22.74	
			For >200, Deduct	-33.62	
			For Factory Applied White Reflective Surfacing, Add	105.13	
07 52 16 11-0019	SQ		160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	357.33	
			For Up To 10, Add	79.36	
			For >10 To 20, Add	41.66	
			For >20 To 40, Add	21.82	
			For >75 To 100, Deduct	-10.91	
			For >100 To 200, Deduct	-22.80	
			For >200, Deduct	-33.71	
			For Factory Applied White Reflective Surfacing, Add	105.13	
07 52 16 11-0020	SQ		170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied	379.83	
			For Up To 10, Add	83.86	
			For >10 To 20, Add	43.91	
			For >20 To 40, Add	22.94	
			For >75 To 100, Deduct	-11.47	
			For >100 To 200, Deduct	-23.93	
			For >200, Deduct	-35.40	
			For Factory Applied White Reflective Surfacing, Add	105.13	
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	5.12	
07 52 16 11-0023	SF		125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	4.70	
			For Factory Applied White Reflective Surfacing, Add	1.05	
07 52 16 11-0024	SF		140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	4.74	
			For Factory Applied White Reflective Surfacing, Add	1.05	
07 52 16 11-0025	SF		160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	5.16	
			For Factory Applied White Reflective Surfacing, Add	1.05	
07 52 16 11-0026	SF		170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	5.67	
			For Factory Applied White Reflective Surfacing, Add	1.05	
07 52 16 11-0027	SF		180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	6.62	
			For Factory Applied White Reflective Surfacing, Add	1.05	
07 52 16 11-0028	SF		125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	4.77	
			For Factory Applied White Reflective Surfacing, Add	1.05	
07 52 16 11-0029	SF		140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	4.86	
			For Factory Applied White Reflective Surfacing, Add	1.05	
07 52 16 11-0030	SF		160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	5.38	
			For Factory Applied White Reflective Surfacing, Add	1.05	
07 52 16 11-0031	SF		170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	5.60	
			For Factory Applied White Reflective Surfacing, Add	1.05	
07 52 16 11-0032	SF		145 Mil, Aluminum Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	7.44	
07 52 16 11-0033	SF		160 Mil, Copper Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied	14.09	
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)		



Thermal And Moisture Protection			07
Membrane Roofing			07 50
Modified Bituminous Membrane Roofing			07 52

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 12-0003	SQ		50 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Hot-Mopped.....	135.33	
			For Up To 10, Add	34.40	
			For >10 To 20, Add	19.04	
			For >20 To 40, Add	10.44	
			For >75 To 100, Deduct	-5.22	
			For >100 To 200, Deduct	-11.35	
			For >200, Deduct	-16.57	
07 52 16 12-0004	SQ		80 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Hot-Mopped.....	186.67	
			For Up To 10, Add	44.67	
			For >10 To 20, Add	24.17	
			For >20 To 40, Add	13.00	
			For >75 To 100, Deduct	-6.50	
			For >100 To 200, Deduct	-13.92	
			For >200, Deduct	-20.42	
07 52 16 12-0005	SQ		90 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Hot-Mopped.....	193.29	
			For Up To 10, Add	46.00	
			For >10 To 20, Add	24.83	
			For >20 To 40, Add	13.33	
			For >75 To 100, Deduct	-6.67	
			For >100 To 200, Deduct	-14.25	
			For >200, Deduct	-20.92	
07 52 16 12-0006	SQ		120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Hot-Mopped.....	275.17	
			For Up To 10, Add	62.37	
			For >10 To 20, Add	33.02	
			For >20 To 40, Add	17.43	
			For >75 To 100, Deduct	-8.71	
			For >100 To 200, Deduct	-18.34	
			For >200, Deduct	-27.06	
07 52 16 12-0007	SQ		125 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Ply Sheet, Hot-Mopped.....	358.03	
			For Up To 10, Add	78.94	
			For >10 To 20, Add	41.31	
			For >20 To 40, Add	21.57	
			For >75 To 100, Deduct	-10.79	
			For >100 To 200, Deduct	-22.49	
			For >200, Deduct	-33.27	
07 52 16 12-0008	SQ		140 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped.....	292.82	
			For Up To 10, Add	66.60	
			For >10 To 20, Add	35.31	
			For >20 To 40, Add	18.66	
			For >75 To 100, Deduct	-9.33	
			For >100 To 200, Deduct	-19.66	
			For >200, Deduct	-28.99	
07 52 16 12-0009	SQ		150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped.....	301.73	
			For Up To 10, Add	68.38	
			For >10 To 20, Add	36.20	
			For >20 To 40, Add	19.10	
			For >75 To 100, Deduct	-9.55	
			For >100 To 200, Deduct	-20.11	
			For >200, Deduct	-29.66	
07 52 16 12-0010	SQ		125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped.....	260.00	
			For Up To 10, Add	60.03	
			For >10 To 20, Add	32.03	
			For >20 To 40, Add	17.02	
			For >75 To 100, Deduct	-8.51	
			For >100 To 200, Deduct	-18.02	
			For >200, Deduct	-26.53	
			For Factory Applied White Reflective Surfacing, Add	105.13	
07 52 16 12-0011	SQ		140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped.....	263.85	
			For Up To 10, Add	60.80	
			For >10 To 20, Add	32.41	
			For >20 To 40, Add	17.21	
			For >75 To 100, Deduct	-8.60	
			For >100 To 200, Deduct	-18.21	
			For >200, Deduct	-26.82	
			For Factory Applied White Reflective Surfacing, Add	105.13	
07 52 16 12-0012	SQ		150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped.....	299.36	
			For Up To 10, Add	67.91	
			For >10 To 20, Add	35.96	
			For >20 To 40, Add	18.99	
			For >75 To 100, Deduct	-9.49	
			For >100 To 200, Deduct	-19.99	
			For >200, Deduct	-29.48	
			For Factory Applied White Reflective Surfacing, Add	105.13	
07 52 16 12-0013	SQ		160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped.....	305.28	
			For Up To 10, Add	69.09	
			For >10 To 20, Add	36.55	
			For >20 To 40, Add	19.28	
			For >75 To 100, Deduct	-9.64	
			For >100 To 200, Deduct	-20.29	
			For >200, Deduct	-29.93	
			For Factory Applied White Reflective Surfacing, Add	105.13	

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 12-0014	SQ	170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped.....	357.07	
		For Up To 10, Add	79.45	
		For >10 To 20, Add	41.73	
		For >20 To 40, Add	21.87	
		For >75 To 100, Deduct	-10.94	
		For >100 To 200, Deduct	-22.87	
		For >200, Deduct	-33.81	
		For Factory Applied White Reflective Surfacing, Add	105.13	
07 52 16 12-0015	SQ	180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped.....	451.42	
		For Up To 10, Add	98.32	
		For >10 To 20, Add	51.17	
		For >20 To 40, Add	26.59	
		For >75 To 100, Deduct	-13.29	
		For >100 To 200, Deduct	-27.59	
		For >200, Deduct	-40.89	
		For Factory Applied White Reflective Surfacing, Add	105.13	
07 52 16 12-0016	SQ	125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped.....	266.42	
		For Up To 10, Add	61.32	
		For >10 To 20, Add	32.67	
		For >20 To 40, Add	17.34	
		For >75 To 100, Deduct	-8.67	
		For >100 To 200, Deduct	-18.34	
		For >200, Deduct	-27.01	
		For Factory Applied White Reflective Surfacing, Add	105.13	
07 52 16 12-0017	SQ	140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped.....	275.69	
		For Up To 10, Add	63.17	
		For >10 To 20, Add	33.59	
		For >20 To 40, Add	17.80	
		For >75 To 100, Deduct	-8.90	
		For >100 To 200, Deduct	-18.81	
		For >200, Deduct	-27.71	
		For Factory Applied White Reflective Surfacing, Add	105.13	
07 52 16 12-0018	SQ	150 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped.....	326.00	
		For Up To 10, Add	73.23	
		For >10 To 20, Add	38.63	
		For >20 To 40, Add	20.32	
		For >75 To 100, Deduct	-10.16	
		For >100 To 200, Deduct	-21.32	
		For >200, Deduct	-31.48	
		For Factory Applied White Reflective Surfacing, Add	105.13	
07 52 16 12-0019	SQ	160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped.....	327.18	
		For Up To 10, Add	73.47	
		For >10 To 20, Add	38.74	
		For >20 To 40, Add	20.38	
		For >75 To 100, Deduct	-10.19	
		For >100 To 200, Deduct	-21.38	
		For >200, Deduct	-31.57	
		For Factory Applied White Reflective Surfacing, Add	105.13	
07 52 16 12-0020	SQ	170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped.....	349.67	
		For Up To 10, Add	77.97	
		For >10 To 20, Add	40.99	
		For >20 To 40, Add	21.50	
		For >75 To 100, Deduct	-10.75	
		For >100 To 200, Deduct	-22.50	
		For >200, Deduct	-33.26	
		For Factory Applied White Reflective Surfacing, Add	105.13	
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	4.90	
07 52 16 12-0023	SF	125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	4.48	
		For Factory Applied White Reflective Surfacing, Add	1.05	
07 52 16 12-0024	SF	140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	4.52	
		For Factory Applied White Reflective Surfacing, Add	1.05	
07 52 16 12-0025	SF	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	4.88	
		For Factory Applied White Reflective Surfacing, Add	1.05	
07 52 16 12-0026	SF	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	4.94	
		For Factory Applied White Reflective Surfacing, Add	1.05	
07 52 16 12-0027	SF	170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	5.46	
		For Factory Applied White Reflective Surfacing, Add	1.05	
07 52 16 12-0028	SF	180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	6.40	
		For Factory Applied White Reflective Surfacing, Add	1.05	
07 52 16 12-0029	SF	125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped.....	4.55	
		For Factory Applied White Reflective Surfacing, Add	1.05	
07 52 16 12-0030	SF	140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped.....	4.64	
		For Factory Applied White Reflective Surfacing, Add	1.05	



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 12-0031	SF		160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	5.06	
			For Factory Applied White Reflective Surfacing, Add	1.05	
07 52 16 12-0032	SF		170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	5.38	
			For Factory Applied White Reflective Surfacing, Add	1.05	
07 52 16 12-0033	SF		145 Mil, Aluminum Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	7.22	
07 52 16 12-0034	SF		160 Mil, Copper Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	13.87	
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	279.02	
			For Up To 10, Add	66.62	
			For >10 To 20, Add	36.02	
			For >20 To 40, Add	19.36	
			For >75 To 100, Deduct	-9.68	
			For >100 To 200, Deduct	-20.71	
			For >200, Deduct	-30.39	
07 52 16 13-0004	SQ		150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	250.31	
			For Up To 10, Add	60.88	
			For >10 To 20, Add	33.15	
			For >20 To 40, Add	17.93	
			For >75 To 100, Deduct	-8.96	
			For >100 To 200, Deduct	-19.28	
			For >200, Deduct	-28.24	
			For Factory Applied White Reflective Surfacing, Add	105.13	
07 52 16 13-0005	SQ		160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	284.05	
			For Up To 10, Add	67.63	
			For >10 To 20, Add	36.52	
			For >20 To 40, Add	19.61	
			For >75 To 100, Deduct	-9.81	
			For >100 To 200, Deduct	-20.97	
			For >200, Deduct	-30.77	
			For Factory Applied White Reflective Surfacing, Add	105.13	
07 52 16 13-0006	SQ		180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	436.99	
			For Up To 10, Add	98.22	
			For >10 To 20, Add	51.81	
			For >20 To 40, Add	27.26	
			For >75 To 100, Deduct	-13.63	
			For >100 To 200, Deduct	-28.61	
			For >200, Deduct	-42.24	
			For Factory Applied White Reflective Surfacing, Add	105.13	
07 52 16 13-0007	SQ		150 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	259.96	
			For Up To 10, Add	62.81	
			For >10 To 20, Add	34.11	
			For >20 To 40, Add	18.41	
			For >75 To 100, Deduct	-9.20	
			For >100 To 200, Deduct	-19.76	
			For >200, Deduct	-28.96	
			For Factory Applied White Reflective Surfacing, Add	105.13	
07 52 16 13-0008	SQ		160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	299.73	
			For Up To 10, Add	70.77	
			For >10 To 20, Add	38.09	
			For >20 To 40, Add	20.40	
			For >75 To 100, Deduct	-10.20	
			For >100 To 200, Deduct	-21.75	
			For >200, Deduct	-31.95	
			For Factory Applied White Reflective Surfacing, Add	105.13	
07 52 16 13-0009	SQ		165 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	312.50	
			For Up To 10, Add	73.51	
			For >10 To 20, Add	39.50	
			For >20 To 40, Add	21.13	
			For >75 To 100, Deduct	-10.56	
			For >100 To 200, Deduct	-22.50	
			For >200, Deduct	-33.07	
			For Factory Applied White Reflective Surfacing, Add	105.13	
07 52 16 13-0010	SQ		180 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	405.34	
			For Up To 10, Add	92.07	
			For >10 To 20, Add	48.79	
			For >20 To 40, Add	25.77	
			For >75 To 100, Deduct	-12.89	
			For >100 To 200, Deduct	-27.15	
			For >200, Deduct	-40.03	
			For Factory Applied White Reflective Surfacing, Add	105.13	

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 52 Modified Bituminous Membrane Roofing**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

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.....	3.95
07 52 16 13-0013	SF	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	3.93
		<i>For Factory Applied White Reflective Surfacing, Add</i>	1.05
07 52 16 13-0014	SF	180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	5.45
		<i>For Factory Applied White Reflective Surfacing, Add</i>	1.05
07 52 16 13-0015	SF	160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied.....	4.11
		<i>For Factory Applied White Reflective Surfacing, Add</i>	1.05
07 52 16 13-0016	SF	165 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied.....	4.19
		<i>For Factory Applied White Reflective Surfacing, Add</i>	1.05
07 52 16 13-0017	SF	180 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied.....	5.13
		<i>For Factory Applied White Reflective Surfacing, Add</i>	1.05
07 52 16 13-0018	SF	150 Mil, Aluminum Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	5.33
07 52 16 13-0019	SF	160 Mil, Copper Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied.....	12.92

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	174.87
		<i>For Up To 10, Add</i>	38.58
		<i>For >10 To 20, Add</i>	20.19
		<i>For >20 To 40, Add</i>	10.54
		<i>For >75 To 100, Deduct</i>	-5.27
		<i>For >100 To 200, Deduct</i>	-10.99
		<i>For >200, Deduct</i>	-16.27
07 52 16 14-0004	SQ	50 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Mechanically Fastened	134.38
		<i>For Up To 10, Add</i>	30.48
		<i>For >10 To 20, Add</i>	16.14
		<i>For >20 To 40, Add</i>	8.52
		<i>For >75 To 100, Deduct</i>	-4.26
		<i>For >100 To 200, Deduct</i>	-8.97
		<i>For >200, Deduct</i>	-13.23
07 52 16 14-0005	SQ	80 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Mechanically Fastened	174.24
		<i>For Up To 10, Add</i>	38.45
		<i>For >10 To 20, Add</i>	20.13
		<i>For >20 To 40, Add</i>	10.51
		<i>For >75 To 100, Deduct</i>	-5.26
		<i>For >100 To 200, Deduct</i>	-10.96
		<i>For >200, Deduct</i>	-16.22
07 52 16 14-0006	SQ	90 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Mechanically Fastened	218.28
		<i>For Up To 10, Add</i>	47.26
		<i>For >10 To 20, Add</i>	24.53
		<i>For >20 To 40, Add</i>	12.72
		<i>For >75 To 100, Deduct</i>	-6.36
		<i>For >100 To 200, Deduct</i>	-13.17
		<i>For >200, Deduct</i>	-19.52
07 52 16 14-0007	SQ	120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Mechanically Fastened	274.21
		<i>For Up To 10, Add</i>	58.44
		<i>For >10 To 20, Add</i>	30.12
		<i>For >20 To 40, Add</i>	15.51
		<i>For >75 To 100, Deduct</i>	-7.76
		<i>For >100 To 200, Deduct</i>	-15.96
		<i>For >200, Deduct</i>	-23.72

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	3.41
07 52 16 14-0010	SF	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Mechanically Fastened	3.49

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.



Thermal And Moisture Protection			07
Membrane Roofing			07 50
Modified Bituminous Membrane Roofing			07 52

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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.....	139.91	
		For Up To 10, Add	32.31	
		For >10 To 20, Add	17.24	
		For >20 To 40, Add	9.16	
		For >75 To 100, Deduct	-4.58	
		For >100 To 200, Deduct	-9.70	
		For >200, Deduct	-14.28	
07 52 16 15-0004	SQ	70 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Self-Adhering.....	148.30	
		For Up To 10, Add	33.99	
		For >10 To 20, Add	18.08	
		For >20 To 40, Add	9.58	
		For >75 To 100, Deduct	-4.79	
		For >100 To 200, Deduct	-10.12	
		For >200, Deduct	-14.91	
07 52 16 15-0005	SQ	120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Self-Adhering.....	250.78	
		For Up To 10, Add	54.81	
		For >10 To 20, Add	28.57	
		For >20 To 40, Add	14.87	
		For >75 To 100, Deduct	-7.43	
		For >100 To 200, Deduct	-15.45	
		For >200, Deduct	-22.88	
07 52 16 15-0006	SQ	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Self-Adhering	299.97	
		For Up To 10, Add	64.65	
		For >10 To 20, Add	33.49	
		For >20 To 40, Add	17.32	
		For >75 To 100, Deduct	-8.66	
		For >100 To 200, Deduct	-17.91	
		For >200, Deduct	-26.57	
		For Factory Applied White Reflective Surfacing, Add	105.13	
07 52 16 15-0007	SQ	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Self-Adhering	444.98	
		For Up To 10, Add	93.65	
		For >10 To 20, Add	47.99	
		For >20 To 40, Add	24.58	
		For >75 To 100, Deduct	-12.29	
		For >100 To 200, Deduct	-25.16	
		For >200, Deduct	-37.44	
		For Factory Applied White Reflective Surfacing, Add	105.13	

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.....	3.91	
07 52 16 15-0010	SF	150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Self-Adhering.....	4.39	
		For Factory Applied White Reflective Surfacing, Add	1.05	
07 52 16 15-0011	SF	160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Self-Adhering.....	5.84	
		For Factory Applied White Reflective Surfacing, Add	1.05	

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	597.23	86.55
		Note: Includes adhesive.		
		For Up To 10, Add	154.07	
		For >10 To 20, Add	85.69	
		For >20 To 40, Add	47.17	
		For >75 To 100, Deduct	-23.59	
		For >100 To 200, Deduct	-51.50	
		For >200, Deduct	-75.08	
		For 15 Year Warranty, Add	3.00	
07 53 16 00-0003	SQ	45 Mil, Single Ply Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membrane, Ballasted	459.61	43.27
		Note: Includes ballast.		
		For Up To 10, Add	109.23	
		For >10 To 20, Add	58.94	
		For >20 To 40, Add	31.64	
		For >75 To 100, Deduct	-15.82	
		For >100 To 200, Deduct	-33.80	
		For >200, Deduct	-49.62	
		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.....	487.09	64.91
			Note: Includes fasteners.		
			For Up To 10, Add	123.38	
			For >10 To 20, Add	68.18	
			For >20 To 40, Add	37.34	
			For >75 To 100, Deduct	-18.67	
			For >100 To 200, Deduct	-40.58	
			For >200, Deduct	-59.25	
			For 15 Year Warranty, Add	3.00	
			For Mechanically Fastened To Concrete Decks, Add	32.46	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	33.74	
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	306.22	43.27
			Note: Includes ballast.		
			For Up To 10, Add	78.55	
			For >10 To 20, Add	43.60	
			For >20 To 40, Add	23.97	
			For >75 To 100, Deduct	-11.98	
			For >100 To 200, Deduct	-26.13	
			For >200, Deduct	-38.11	
			For 15 Year Warranty, Add	3.00	
			For Low Slope Fire Rated, Add	8.45	
			For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	30.52	
07 53 23 00-0003	SQ		60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Ballasted	398.50	45.98
			Note: Includes ballast.		
			For Up To 10, Add	98.09	
			For >10 To 20, Add	53.64	
			For >20 To 40, Add	29.12	
			For >75 To 100, Deduct	-14.56	
			For >100 To 200, Deduct	-31.42	
			For >200, Deduct	-45.98	
			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	8.45	
			For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	30.52	
07 53 23 00-0004	SQ		90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Ballasted	540.63	48.68
			Note: Includes ballast.		
			For Up To 10, Add	127.60	
			For >10 To 20, Add	68.67	
			For >20 To 40, Add	36.77	
			For >75 To 100, Deduct	-18.38	
			For >100 To 200, Deduct	-39.20	
			For >200, Deduct	-57.59	
			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	8.45	
07 53 23 00-0005	SQ		45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Partially Adhered (40%)	365.95	64.91
			Note: Includes adhesive and fasteners.		
			For Up To 10, Add	99.15	
			For >10 To 20, Add	56.07	
			For >20 To 40, Add	31.28	
			For >75 To 100, Deduct	-15.64	
			For >100 To 200, Deduct	-34.53	
			For >200, Deduct	-50.16	
			For 15 Year Warranty, Add	3.00	
			For Low Slope Fire Rated, Add	8.45	
			For Low VOC Adhesive, Add	25.42	
			For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	30.52	
			For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	80.60	
			For Integral Polyester Fleece-Backing, Add	110.08	
07 53 23 00-0006	SQ		60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Partially Adhered (40%)	458.23	67.62
			Note: Includes adhesive and fasteners.		
			For Up To 10, Add	118.69	
			For >10 To 20, Add	66.11	
			For >20 To 40, Add	36.43	
			For >75 To 100, Deduct	-18.22	
			For >100 To 200, Deduct	-39.82	
			For >200, Deduct	-58.03	
			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	8.45	
			For Low VOC Adhesive, Add	25.42	
			For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	30.52	
			For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	80.60	
			For Integral Polyester Fleece-Backing, Add	122.46	



Thermal And Moisture Protection			07	07
Membrane Roofing			07 50	
Elastomeric Membrane Roofing			07 53	

MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
07 53 23 00-0007	SQ	90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Partially Adhered (40%).....	600.37	70.32
		Note: Includes adhesive and fasteners.		
		For Up To 10, Add	148.20	
		For >10 To 20, Add	81.13	
		For >20 To 40, Add	44.08	
		For >75 To 100, Deduct	-22.04	
		For >100 To 200, Deduct	-47.60	
		For >200, Deduct	-69.64	
		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	8.45	
		For Low VOC Adhesive, Add	25.42	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	80.60	
		For Integral Polyester Fleece-Backing, Add	135.98	
07 53 23 00-0008	SQ	45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Fully Adhered.....	482.34	86.55
		Note: Includes adhesive and fasteners.		
		For Up To 10, Add	131.09	
		For >10 To 20, Add	74.20	
		For >20 To 40, Add	41.43	
		For >75 To 100, Deduct	-20.71	
		For >100 To 200, Deduct	-45.75	
		For >200, Deduct	-66.47	
		For 15 Year Warranty, Add	3.00	
		For Low Slope Fire Rated, Add	8.45	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	30.52	
		For Low VOC Adhesive, Add	63.55	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	80.60	
		For Integral Polyester Fleece-Backing, Add	110.08	
07 53 23 00-0009	SQ	60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Fully Adhered.....	574.62	89.25
		Note: Includes adhesive and fasteners.		
		For Up To 10, Add	150.63	
		For >10 To 20, Add	84.24	
		For >20 To 40, Add	46.58	
		For >75 To 100, Deduct	-23.29	
		For >100 To 200, Deduct	-51.04	
		For >200, Deduct	-74.34	
		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	8.45	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	30.52	
		For Low VOC Adhesive, Add	63.55	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	80.60	
		For Integral Polyester Fleece-Backing, Add	122.46	
07 53 23 00-0010	SQ	90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Fully Adhered.....	716.74	91.96
		Note: Includes adhesive and fasteners.		
		For Up To 10, Add	180.13	
		For >10 To 20, Add	99.26	
		For >20 To 40, Add	54.23	
		For >75 To 100, Deduct	-27.11	
		For >100 To 200, Deduct	-58.83	
		For >200, Deduct	-85.94	
		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	8.45	
		For Low VOC Adhesive, Add	63.55	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	80.60	
		For Integral Polyester Fleece-Backing, Add	135.98	
07 53 23 00-0011	SQ	45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Mechanically Fastened	333.46	64.91
		Note: Includes fasteners.		
		For Up To 10, Add	92.66	
		For >10 To 20, Add	52.82	
		For >20 To 40, Add	29.66	
		For >75 To 100, Deduct	-14.83	
		For >100 To 200, Deduct	-32.90	
		For >200, Deduct	-47.73	
		For 15 Year Warranty, Add	3.00	
		For Low Slope Fire Rated, Add	8.45	
		For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	30.52	
		For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	80.60	
		For Mechanically Fastened To Concrete Decks, Add	32.46	
		For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	33.74	

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 Note: Includes fasteners.	425.74	67.62
			For Up To 10, Add	112.19	
			For >10 To 20, Add	62.86	
			For >20 To 40, Add	34.81	
			For >75 To 100, Deduct	-17.41	
			For >100 To 200, Deduct	-38.19	
			For >200, Deduct	-55.60	
			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	8.45	
			For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	30.52	
			For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	80.60	
			For Mechanically Fastened To Concrete Decks, Add	33.81	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	35.09	
07 53 23 00-0013	SQ		90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Mechanically Fastened Note: Includes fasteners.	567.88	70.32
			For Up To 10, Add	141.71	
			For >10 To 20, Add	77.89	
			For >20 To 40, Add	42.46	
			For >75 To 100, Deduct	-21.23	
			For >100 To 200, Deduct	-45.98	
			For >200, Deduct	-67.20	
			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	8.45	
			For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	80.60	
			For Mechanically Fastened To Concrete Decks, Add	35.16	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	36.44	
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 Note: Includes fasteners.	71.06	
			For Up To 10, Add	18.54	
			For >10 To 20, Add	10.35	
			For >20 To 40, Add	5.72	
			For >75 To 100, Deduct	-2.86	
			For >100 To 200, Deduct	-6.26	
			For >200, Deduct	-9.12	
07 53 23 00-0016	SQ		Acrylic Elastomer, Surface Or Base Coating For Ethylene Propylene Diene Monomer (EPDM) Roofing, Price Per Coat Note: 55% solids by volume.	73.53	
			For Up To 10, Add	19.03	
			For >10 To 20, Add	10.60	
			For >20 To 40, Add	5.84	
			For >75 To 100, Deduct	-2.92	
			For >100 To 200, Deduct	-6.38	
			For >200, Deduct	-9.30	
07 53 23 00-0017	EA		Up To 4" Pipe Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Pipe Cone/Boot..... Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	44.55	10.28
07 53 23 00-0018	EA		>4" To 8" Pipe Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Pipe Cone/Boot..... Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	64.05	10.28
07 53 23 00-0019	EA		>8" To 13" Pipe Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Pipe Cone/Boot..... Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	120.33	10.28
07 53 23 00-0020	EA		6" Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Penetration Pocket..... Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer.	159.73	11.36
07 53 23 00-0021	LF		30" Wide, Ethylene Propylene Diene Monomer (EPDM) Walkway Protection Pad..... Note: Includes factory installed peel and stick adhesive tape.	34.75	6.28
07 53 23 00-0022	SF		Ethylene Propylene Diene Monomer (EPDM) Membrane Base Flashing	6.57	1.62
07 53 23 00-0023	SF		Ethylene Propylene Diene Monomer (EPDM) Membrane Curb Flashing	8.19	2.44
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 Note: Includes ballast.	518.33	48.68
			For Up To 10, Add	123.14	
			For >10 To 20, Add	66.44	
			For >20 To 40, Add	35.65	
			For >75 To 100, Deduct	-17.83	
			For >100 To 200, Deduct	-38.09	
			For >200, Deduct	-55.91	
			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

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 53 29 00-0003	SQ		100 Mil, Single Ply PIB Roofing Membrane, Partially Adhered (40%)	577.87	70.32
			Note: Includes adhesive.		
			For Up To 10, Add	143.70	
			For >10 To 20, Add	78.88	
			For >20 To 40, Add	42.96	
			For >75 To 100, Deduct	-21.48	
			For >100 To 200, Deduct	-46.47	
			For >200, Deduct	-67.95	
			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	693.94	91.96
			Note: Includes adhesive.		
			For Up To 10, Add	175.57	
			For >10 To 20, Add	96.98	
			For >20 To 40, Add	53.09	
			For >75 To 100, Deduct	-26.54	
			For >100 To 200, Deduct	-57.69	
			For >200, Deduct	-84.23	
			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	197.36	43.27
			Note: Includes ballast.		
			For Up To 10, Add	56.78	
			For >10 To 20, Add	32.72	
			For >20 To 40, Add	18.52	
			For >75 To 100, Deduct	-9.26	
			For >100 To 200, Deduct	-20.69	
			For >200, Deduct	-29.95	
			For 15 Year Warranty, Add	3.00	
			For Colors, Add	26.00	
			For Integral Polyester Fleece-Backing, Add	27.13	
07 54 19 00-0003	SQ		60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted	216.95	45.98
			Note: Includes ballast.		
			For Up To 10, Add	61.78	
			For >10 To 20, Add	35.49	
			For >20 To 40, Add	20.04	
			For >75 To 100, Deduct	-10.02	
			For >100 To 200, Deduct	-22.34	
			For >200, Deduct	-32.36	
			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	27.13	
07 54 19 00-0004	SQ		72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted	237.78	47.33
			Note: Includes ballast.		
			For Up To 10, Add	66.49	
			For >10 To 20, Add	37.98	
			For >20 To 40, Add	21.36	
			For >75 To 100, Deduct	-10.68	
			For >100 To 200, Deduct	-23.72	
			For >200, Deduct	-34.40	
			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	27.13	
07 54 19 00-0005	SQ		80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted	248.38	48.68
			Note: Includes ballast.		
			For Up To 10, Add	69.15	
			For >10 To 20, Add	39.44	
			For >20 To 40, Add	22.16	
			For >75 To 100, Deduct	-11.08	
			For >100 To 200, Deduct	-24.59	
			For >200, Deduct	-35.67	
			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	27.13	

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	403.74	86.55
			Note: Includes adhesive.		
			For Up To 10, Add	115.37	
			For >10 To 20, Add	66.34	
			For >20 To 40, Add	37.50	
			For >75 To 100, Deduct	-18.75	
			For >100 To 200, Deduct	-41.82	
			For >200, Deduct	-60.57	
			For 15 Year Warranty, Add	3.00	
			For Colors, Add	26.00	
			For Low VOC Adhesive, Add	82.74	
			For Integral Polyester Fleece-Backing, Add	27.13	
07 54 19 00-0007	SQ		60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered	423.34	89.25
			Note: Includes adhesive.		
			For Up To 10, Add	120.37	
			For >10 To 20, Add	69.11	
			For >20 To 40, Add	39.02	
			For >75 To 100, Deduct	-19.51	
			For >100 To 200, Deduct	-43.48	
			For >200, Deduct	-62.99	
			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	82.74	
			For Integral Polyester Fleece-Backing, Add	27.13	
07 54 19 00-0008	SQ		72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered	444.17	90.60
			Note: Includes adhesive.		
			For Up To 10, Add	125.08	
			For >10 To 20, Add	71.60	
			For >20 To 40, Add	40.33	
			For >75 To 100, Deduct	-20.16	
			For >100 To 200, Deduct	-44.86	
			For >200, Deduct	-65.02	
			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	82.74	
			For Integral Polyester Fleece-Backing, Add	27.13	
07 54 19 00-0009	SQ		80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Fully Adhered	454.76	91.96
			Note: Includes adhesive.		
			For Up To 10, Add	127.74	
			For >10 To 20, Add	73.06	
			For >20 To 40, Add	41.13	
			For >75 To 100, Deduct	-20.57	
			For >100 To 200, Deduct	-45.73	
			For >200, Deduct	-66.29	
			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	82.74	
			For Integral Polyester Fleece-Backing, Add	27.13	
07 54 19 00-0010	SQ		48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened	216.59	64.91
			Note: Includes fasteners.		
			For Up To 10, Add	69.28	
			For >10 To 20, Add	41.13	
			For >20 To 40, Add	23.81	
			For >75 To 100, Deduct	-11.91	
			For >100 To 200, Deduct	-27.06	
			For >200, Deduct	-38.96	
			For 15 Year Warranty, Add	3.00	
			For Colors, Add	26.00	
			For Integral Polyester Fleece-Backing, Add	27.13	
			For Mechanically Fastened To Concrete Decks, Add	32.46	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	33.74	
07 54 19 00-0011	SQ		60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened	236.19	67.62
			Note: Includes fasteners.		
			For Up To 10, Add	74.28	
			For >10 To 20, Add	43.90	
			For >20 To 40, Add	25.33	
			For >75 To 100, Deduct	-12.67	
			For >100 To 200, Deduct	-28.71	
			For >200, Deduct	-41.38	
			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	27.13	
			For Mechanically Fastened To Concrete Decks, Add	33.81	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	35.09	



Thermal And Moisture Protection			07
Membrane Roofing			07 50
Thermoplastic Membrane Roofing			07 54

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 Note: Includes fasteners. For Up To 10, Add For >10 To 20, Add For >20 To 40, Add For >75 To 100, Deduct For >100 To 200, Deduct For >200, Deduct For 15 Year Warranty, Add For 20 Year Warranty, Add For 25 Year Warranty, Add For Colors, Add For Integral Polyester Fleece-Backing, Add For Mechanically Fastened To Concrete Decks, Add For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	257.03 78.99 46.39 26.65 -13.32 -30.09 -43.42 3.00 7.00 9.00 26.00 27.13 34.49 35.77	68.97
07 54 19 00-0013	SQ		80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Mechanically Fastened Note: Includes fasteners. For Up To 10, Add For >10 To 20, Add For >20 To 40, Add For >75 To 100, Deduct For >100 To 200, Deduct For >200, Deduct For 15 Year Warranty, Add For 20 Year Warranty, Add For 25 Year Warranty, Add For Colors, Add For Integral Polyester Fleece-Backing, Add For Mechanically Fastened To Concrete Decks, Add For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	267.62 81.65 47.66 27.45 -13.72 -30.96 -44.69 3.00 7.00 9.00 26.00 27.13 35.16 36.44	70.32
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 For Up To 10, Add For >10 To 20, Add For >20 To 40, Add For >75 To 100, Deduct For >100 To 200, Deduct For >200, Deduct	71.06 18.54 10.35 5.72 -2.86 -6.26 -9.12	
07 54 19 00-0016	SQ		Acrylic Elastomeric, Surface Or Base Coating For Polyvinyl Chloride (PVC) Roofing, Price Per Coat..... Note: 55% solids by volume. For Up To 10, Add For >10 To 20, Add For >20 To 40, Add For >75 To 100, Deduct For >100 To 200, Deduct For >200, Deduct	73.53 19.03 10.60 5.84 -2.92 -6.38 -9.30	
07 54 19 00-0017	EA		Up To 3" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot..... Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	74.33	9.19
07 54 19 00-0018	EA		>3" To 7" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot..... Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	104.51	10.28
07 54 19 00-0019	EA		>7" To 12" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot..... Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.	133.80	11.36
07 54 19 00-0020	EA		6" Diameter, Prefabricated Polyvinyl Chloride (PVC) Penetration Pocket Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer.	170.42	11.36
07 54 19 00-0021	LF		36" Wide, Polyvinyl Chloride (PVC) Walkway Protection Pad	29.71	6.28
07 54 19 00-0022	SF		Polyvinyl Chloride (PVC) Membrane Base Flashing	7.84	1.62
07 54 19 00-0023	SF		Polyvinyl Chloride (PVC) Membrane Curb Flashing	9.46	2.44
07 54 19 00-0024	SF		Polyvinyl Chloride (PVC) Clad Edge Metal Or Base Flashing..... Note: 20 Mil polyvinyl chloride (PVC) membrane laminated to 24 gauge galvanized steel.	10.64	1.62
07 54 19 00-0025			Reinforced Polyvinyl Chloride (RPVC) Roofing Membranes (Sika Sarnafil® EnergySmart Roof® Membranes) (07 54 19)		
07 54 19 00-0026			Reinforced Polyvinyl Chloride (RPVC) Roofing Membranes (Sika Sarnafil® EnergySmart Roof® Membranes) (07 54 19 00-0025) Note: Includes integral fiberglass mat reinforcement and hot air welding of seams. Sarnafil® G410 fully adhered membranes meet or exceed all of the requirements of ASTM D4434 Type II. Sarnafil® S327 mechanically attached membranes meet or exceed all of the requirements of ASTM D4434 Type III.		
07 54 19 00-0027	SQ		48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Fully Adhered Note: Includes adhesive. For Up To 10, Add For >10 To 20, Add For >20 To 40, Add For >75 To 100, Deduct For >100 To 200, Deduct For >200, Deduct For 15 Year Warranty, Add For 20 Year Warranty, Add For 25 Year Warranty, Add For Integral Felt Backing, Add	429.16 120.45 68.88 38.77 -19.38 -43.10 -62.48 2.79 9.77 18.15 48.84	86.55

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 00-0028	SQ		60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Fully Adhered 459.78	89.25	
			Note: Includes adhesive.		
			For Up To 10, Add	127.66	
			For >10 To 20, Add	72.75	
			For >20 To 40, Add	40.84	
			For >75 To 100, Deduct	-20.42	
			For >100 To 200, Deduct	-45.30	
			For >200, Deduct	-65.72	
			For 15 Year Warranty, Add	2.79	
			For 20 Year Warranty, Add	9.77	
			For 25 Year Warranty, Add	18.15	
			For Integral Felt Backing, Add	48.84	
07 54 19 00-0029	SQ		72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Fully Adhered 489.26	90.60	
			Note: Includes adhesive.		
			For Up To 10, Add	134.09	
			For >10 To 20, Add	76.11	
			For >20 To 40, Add	42.58	
			For >75 To 100, Deduct	-21.29	
			For >100 To 200, Deduct	-47.11	
			For >200, Deduct	-68.41	
			For 15 Year Warranty, Add	2.79	
			For 20 Year Warranty, Add	9.77	
			For 25 Year Warranty, Add	18.15	
			For Integral Felt Backing, Add	48.84	
07 54 19 00-0030	SQ		80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Fully Adhered 520.33	91.96	
			Note: Includes adhesive.		
			For Up To 10, Add	140.85	
			For >10 To 20, Add	79.62	
			For >20 To 40, Add	44.41	
			For >75 To 100, Deduct	-22.20	
			For >100 To 200, Deduct	-49.01	
			For >200, Deduct	-71.21	
			For 15 Year Warranty, Add	2.79	
			For 20 Year Warranty, Add	9.77	
			For 25 Year Warranty, Add	18.15	
			For Integral Felt Backing, Add	48.84	
07 54 19 00-0031	SQ		48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Mechanically Fastened 345.65	64.91	
			Note: Includes fasteners and plates for mechanically fastening to wood or steel decks.		
			For Up To 10, Add	95.09	
			For >10 To 20, Add	54.04	
			For >20 To 40, Add	30.26	
			For >75 To 100, Deduct	-15.13	
			For >100 To 200, Deduct	-33.51	
			For >200, Deduct	-48.64	
			For Mechanically Fastened To Concrete Decks, Add	32.46	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	33.74	
			For 15 Year Warranty, Add	2.79	
			For 20 Year Warranty, Add	9.77	
			For 25 Year Warranty, Add	18.15	
			For Integral Felt Backing, Add	48.84	
			For Mechanically Fastened With Sarnabar, Add	28.69	
07 54 19 00-0032	SQ		60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Mechanically Fastened 376.27	67.62	
			Note: Includes fasteners and plates for mechanically fastening to wood or steel decks.		
			For Up To 10, Add	102.30	
			For >10 To 20, Add	57.91	
			For >20 To 40, Add	32.34	
			For >75 To 100, Deduct	-16.17	
			For >100 To 200, Deduct	-35.72	
			For >200, Deduct	-51.89	
			For Mechanically Fastened To Concrete Decks, Add	33.81	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	35.09	
			For 15 Year Warranty, Add	2.79	
			For 20 Year Warranty, Add	9.77	
			For 25 Year Warranty, Add	18.15	
			For Integral Felt Backing, Add	48.84	
			For Mechanically Fastened With Sarnabar, Add	28.69	
07 54 19 00-0033	SQ		72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Mechanically Fastened 405.76	68.97	
			Note: Includes fasteners and plates for mechanically fastening to wood or steel decks.		
			For Up To 10, Add	108.74	
			For >10 To 20, Add	61.27	
			For >20 To 40, Add	34.08	
			For >75 To 100, Deduct	-17.04	
			For >100 To 200, Deduct	-37.53	
			For >200, Deduct	-54.57	
			For Mechanically Fastened To Concrete Decks, Add	34.49	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	35.77	
			For 15 Year Warranty, Add	2.79	
			For 20 Year Warranty, Add	9.77	
			For 25 Year Warranty, Add	18.15	
			For Integral Felt Backing, Add	48.84	
			For Mechanically Fastened With Sarnabar, Add	28.69	



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 00-0034	SQ		80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Mechanically Fastened.....	436.83	70.32
			Note: Includes fasteners and plates for mechanically fastening to wood or steel decks.		
			For Up To 10, Add	115.50	
			For >10 To 20, Add	64.78	
			For >20 To 40, Add	35.91	
			For >75 To 100, Deduct	-17.95	
			For >100 To 200, Deduct	-39.42	
			For >200, Deduct	-57.38	
			For Mechanically Fastened To Concrete Decks, Add	35.16	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	36.44	
			For 15 Year Warranty, Add	2.79	
			For 20 Year Warranty, Add	9.77	
			For 25 Year Warranty, Add	18.15	
			For Integral Felt Backing, Add	48.84	
			For Mechanically Fastened With Sarnabar, Add	28.69	
07 54 19 00-0035			Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane Accessories (Sika Sarnafil® EnergySmart Roof® Membranes) (07 54 19 00-0025)		
07 54 19 00-0036	LF		3/4" Wide Multi-Purpose Tape (Sika Sarnafil®)	1.02	
07 54 19 00-0037	LF		Roofing Membrane Aluminum Termination Bar (Sika Sarnafil® Samastop)	4.72	1.56
			Note: Includes fasteners and caulking.		
07 54 19 00-0038	EA		4-1/2" Diameter, Polyvinyl Chloride (PVC) Membrane Prefabricated Patch (Sika Sarnafil® Sarnacircles)	4.79	1.35
07 54 19 00-0039	LF		8" Polyvinyl Chloride (PVC) Membrane Cover Strip (Sika Sarnafil® Coverstrip).....	5.21	1.35
			Note: Includes aluminum tape.		
07 54 19 00-0040	LF		12" Polyvinyl Chloride (PVC) Membrane Cover Strip (Sika Sarnafil® Coverstrip).....	5.21	1.35
			Note: Includes aluminum tape.		
07 54 19 00-0041	LF		Surface Mount Vertical Termination Bar (Sika Sarnafil® Sarnareglet)	6.95	1.72
			Note: Includes fasteners, splice plates and caulking.		
07 54 19 00-0042	SF		Polyvinyl Chloride (PVC) Membrane Flashing (Sika Sarnafil® G459)	7.23	1.62
07 54 19 00-0043	SF		Polyvinyl Chloride (PVC) Membrane Flashing (Sika Sarnafil® Detail Membrane).....	8.84	2.44
07 54 19 00-0044	SF		Polyvinyl Chloride (PVC) Clad Edge Metal Or Base Flashing (Sika Sarnafil® Sarnaclad)	10.23	1.62
			Note: 20 Mil white polyvinyl chloride (PVC) membrane laminated to 24 gauge galvanized steel.		
			For Colored PVC, Add	1.01	
07 54 19 00-0045	LF		39" Wide, 96 Mil, Polyester Reinforced, Polyvinyl Chloride (PVC) Walkway Protection Pad (Sika Sarnafil® Sarnatred -V)	28.06	6.28
07 54 19 00-0046	EA		Up To 3" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot (Sika Sarnafil® Samastack).....	72.93	9.19
			Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 54 19 00-0047	EA		>3" To 5" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot (Sika Sarnafil® Samastack).....	75.09	10.28
			Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 54 19 00-0048	EA		>5" To 7" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot (Sika Sarnafil® Samastack).....	77.26	11.36
			Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 54 19 00-0049	EA		6" Diameter, Seamless Heavy-Duty Aluminum Roof Drain (Sika Sarnafil® Sarnadrain With U-Flow®)	1,080.05	205.21
07 54 19 00-0050	EA		Inside Corner, Prefabricated Polyvinyl Chloride (PVC) Membrane Flashing (Sika Sarnafil® Sarnacorners - Inside).....	21.69	
07 54 19 00-0051	EA		Outside Corner, Prefabricated Polyvinyl Chloride (PVC) Membrane Flashing (Sika Sarnafil® Sarnacorners - Outside).....	21.69	
07 54 19 00-0052	SQ		9 OZ/SY, Protective Polypropylene Fabric Separation Layer (Sika Sarnafil® Sarnafelt NWP), Loose Laid	50.37	
07 54 19 00-0053	SQ		11 OZ/SY, Protective Polypropylene Fabric Separation Layer (Sika Sarnafil® Sarnafelt), Loose Laid	77.85	
07 54 19 00-0054	SQ		10 Mil, Low Density Polyethylene, Vapor/Air Barrier Sheet (Sika Sarnafil® Sarnavap - 10), Loose Laid	44.14	
07 54 19 00-0055	SQ		32 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Vapor/Air Barrier Sheet (Sika Sarnafil® Sarnavap Self-Adhered), Self-Adhering.....	122.77	
07 54 19 00-0056			Snap-On Cover Fascia (Sika Sarnafil® Edge Grip) (07 54 19 00-0025)		
07 54 19 00-0057			Aluminum Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) (07 54 19 00-0056)		
07 54 19 00-0058			Mill Finish, Aluminum Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) (07 54 19 00-0057)		
07 54 19 00-0059			Mill Finish, Aluminum Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) (07 54 19 00-0058)		
07 54 19 00-0060	LF		8.25" Face Height, Mill Finish, Aluminum Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip)	17.72	3.09
07 54 19 00-0061			Accessories For Mill Finish, Aluminum Snap-On Cover Fascia Systems (07 54 19 00-0059)		
07 54 19 00-0062	EA		Fascia Overflow Scupper For 8.25" Face Height, Mill Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	107.64	11.47
07 54 19 00-0063	EA		Fascia Spillout Scupper For 8.25" Face Height, Mill Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	107.64	11.47
07 54 19 00-0064	EA		Fascia Downspout Scupper For 8.25" Face Height, Mill Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	130.68	11.47
07 54 19 00-0065	EA		Inside/Outside Miter For 8.25" Face Height, Mill Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	48.97	3.09
07 54 19 00-0066			KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) (07 54 19 00-0057)		

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 00-0067			KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) (07 54 19 00-0066)		
07 54 19 00-0068	LF		8.25" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip)	20.38	3.09
07 54 19 00-0069			Accessories For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems (07 54 19 00-0066)		
07 54 19 00-0070	EA		Fascia Overflow Scupper For 8.25" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	112.96	11.47
07 54 19 00-0071	EA		Fascia Spillout Scupper For 8.25" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	112.96	11.47
07 54 19 00-0072	EA		Fascia Downspout Scupper For 8.25" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	141.32	11.47
07 54 19 00-0073	EA		Inside/Outside Miter For 8.25" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	54.30	3.09
07 54 19 00-0074			Galvanized Steel Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) (07 54 19 00-0056)		
07 54 19 00-0075			KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) (07 54 19 00-0074)		
07 54 19 00-0076			KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) (07 54 19 00-0075)		
07 54 19 00-0077	LF		8.25" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip)	18.34	3.09
07 54 19 00-0078			Accessories For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip) (07 54 19 00-0075)		
07 54 19 00-0079	EA		Fascia Overflow Scupper For 8.25" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	108.87	11.47
07 54 19 00-0080	EA		Fascia Spillout Scupper For 8.25" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	108.87	11.47
07 54 19 00-0081	EA		Fascia Downspout Scupper For 8.25" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	133.14	11.47
07 54 19 00-0082	EA		Inside/Outside Miter For 8.25" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	50.20	3.09
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.....	441.06	86.55
			Note: Includes adhesive.		
			For Up To 10, Add	122.83	
			For >10 To 20, Add	70.07	
			For >20 To 40, Add	39.36	
			For >75 To 100, Deduct	-19.68	
			For >100 To 200, Deduct	-43.69	
			For >200, Deduct	-63.37	
			For 15 Year Warranty, Add	3.00	
			For Low VOC Adhesive, Add	63.55	
			For Integral Polyester Fleece-Backing, Add	33.25	
07 54 23 00-0003	SQ		50 Mil, Single Ply TPO Roofing Membrane, Fully Adhered.....	461.81	87.90
			Note: Includes adhesive.		
			For Up To 10, Add	127.52	
			For >10 To 20, Add	72.55	
			For >20 To 40, Add	40.67	
			For >75 To 100, Deduct	-20.34	
			For >100 To 200, Deduct	-45.07	
			For >200, Deduct	-65.40	
			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	63.55	
			For Integral Polyester Fleece-Backing, Add	33.25	
07 54 23 00-0004	SQ		60 Mil, Single Ply TPO Roofing Membrane, Fully Adhered.....	472.55	89.25
			Note: Includes adhesive.		
			For Up To 10, Add	130.21	
			For >10 To 20, Add	74.03	
			For >20 To 40, Add	41.48	
			For >75 To 100, Deduct	-20.74	
			For >100 To 200, Deduct	-45.94	
			For >200, Deduct	-66.68	
			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	63.55	
			For Integral Polyester Fleece-Backing, Add	33.25	



Thermal And Moisture Protection			07
Membrane Roofing			07 50
Thermoplastic Membrane Roofing			07 54

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 23 00-0005	SQ		80 Mil, Single Ply TPO Roofing Membrane, Fully Adhered Note: Includes adhesive. For Up To 10, Add For >10 To 20, Add For >20 To 40, Add For >75 To 100, Deduct For >100 To 200, Deduct For >200, Deduct For 15 Year Warranty, Add For 20 Year Warranty, Add For 25 Year Warranty, Add For Low VOC Adhesive, Add For Integral Polyester Fleece-Backing, Add	612.00 159.18 88.79 48.99 -24.50 -53.59 -78.09 3.00 7.00 9.00 63.55 33.25	91.96
07 54 23 00-0006	SQ		45 Mil, Single Ply TPO Roofing Membrane, Mechanically Fastened Note: Includes fasteners. For Up To 10, Add For >10 To 20, Add For >20 To 40, Add For >75 To 100, Deduct For >100 To 200, Deduct For >200, Deduct For 15 Year Warranty, Add For Integral Polyester Fleece-Backing, Add For Mechanically Fastened To Concrete Decks, Add For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	293.02 84.57 48.78 27.63 -13.82 -30.88 -44.70 3.00 33.25 32.46 33.74	64.91
07 54 23 00-0007	SQ		50 Mil, Single Ply TPO Roofing Membrane, Mechanically Fastened Note: Includes fasteners. For Up To 10, Add For >10 To 20, Add For >20 To 40, Add For >75 To 100, Deduct For >100 To 200, Deduct For >200, Deduct For 15 Year Warranty, Add For 20 Year Warranty, Add For 25 Year Warranty, Add For Integral Polyester Fleece-Backing, Add For Mechanically Fastened To Concrete Decks, Add For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	313.78 89.26 51.26 28.94 -14.47 -32.26 -46.73 3.00 7.00 9.00 33.25 33.13 34.41	66.26
07 54 23 00-0008	SQ		60 Mil, Single Ply TPO Roofing Membrane, Mechanically Fastened Note: Includes fasteners. For Up To 10, Add For >10 To 20, Add For >20 To 40, Add For >75 To 100, Deduct For >100 To 200, Deduct For >200, Deduct For 15 Year Warranty, Add For 20 Year Warranty, Add For 25 Year Warranty, Add For Integral Polyester Fleece-Backing, Add For Mechanically Fastened To Concrete Decks, Add For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	324.52 91.95 52.74 29.75 -14.87 -33.13 -48.00 3.00 7.00 9.00 33.25 33.81 35.09	67.62
07 54 23 00-0009	SQ		80 Mil, Single Ply TPO Roofing Membrane, Mechanically Fastened Note: Includes fasteners. For Up To 10, Add For >10 To 20, Add For >20 To 40, Add For >75 To 100, Deduct For >100 To 200, Deduct For >200, Deduct For 15 Year Warranty, Add For 20 Year Warranty, Add For 25 Year Warranty, Add For Integral Polyester Fleece-Backing, Add For Mechanically Fastened To Concrete Decks, Add For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	463.97 120.92 67.49 37.26 -18.63 -40.78 -59.41 3.00 7.00 9.00 33.25 35.16 36.44	70.32
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 For Up To 10, Add For >10 To 20, Add For >20 To 40, Add For >75 To 100, Deduct For >100 To 200, Deduct For >200, Deduct	84.64 21.26 11.71 6.40 -3.20 -6.94 -10.14	
07 54 23 00-0012	SQ		Acrylic Elastomeric, Surface Or Base Coating For TPO Roofing, Price Per Coat Note: 55% solids by volume. For Up To 10, Add For >10 To 20, Add For >20 To 40, Add For >75 To 100, Deduct For >100 To 200, Deduct For >200, Deduct For Tan Or Gray Color, Add	73.53 19.03 10.60 5.84 -2.92 -6.38 -9.30 2.59	

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 00-0013	EA	Up To 3" Pipe Diameter, Prefabricated Thermoplastic Polyolefin Pipe Cone/Boot.....	63.95	9.19
		Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 54 23 00-0014	EA	>3" To 8" Pipe Diameter, Prefabricated Thermoplastic Polyolefin Pipe Cone/Boot.....	69.00	10.28
		Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 54 23 00-0015	EA	6" Diameter, Prefabricated TPO Penetration Pocket.....	127.19	11.36
		Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer.		
07 54 23 00-0016	LF	30" Wide, TPO Walkway Protection Pad.....	29.34	6.28
07 54 23 00-0017	SF	Thermoplastic Polyolefin Membrane Base Flashing.....	8.20	1.62
07 54 23 00-0018	SF	Thermoplastic Polyolefin Curb Flashing.....	7.00	1.62
		For Tan Or Gray Color, Add	0.11	
07 54 23 00-0019	SF	Thermoplastic Polyolefin Clad Edge Metal Or Base Flashing.....	12.07	1.62
		Note: 20 Mil TPO membrane laminated to 24 gauge galvanized steel.		

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.....	1,041.58	144.45
		For Each Additional Coat, Add	156.24	

07 56 00 00-0003 Vinyl Spray Liquid Roofing (07 56)

07 56 00 00-0004	SQ	2 Mil Vinyl Liquid Roofing.....	1,242.23	152.24
07 56 00 00-0005	SQ	4 Mil Vinyl Liquid Roofing.....	1,390.18	170.02

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.....	445.80	87.23
07 56 00 00-0008	SQ	65% Solids, Silicone Elastomeric Rolled-on Roofing, 3 Coats, 16 Mil Per Coat.....	530.34	87.23
07 56 00 00-0009	SQ	65% Solids, Silicone Elastomeric Brushed-on Roofing, 3 Coats, 16 Mil Per Coat.....	593.93	87.23

07 56 00 00-0010 Rubberized Acrylic Elastomeric Roof Coating, Sprayed On (07 56)

Note: As manufactured by Tru-Co, Inc.

07 56 00 00-0011 Rubberized Acrylic Elastomeric Roof Coating, Sprayed On Assemblies (07 56 00 00-0010)

07 56 00 00-0012	SQ	Elastomeric Installation Over Urethane Foam.....	979.24	
07 56 00 00-0013	SQ	Elastomeric Installation Over Decks.....	1,004.81	
07 56 00 00-0014	SQ	Elastomeric Installation Over Exterior, Waterproofing.....	397.45	
07 56 00 00-0015	SQ	Elastomeric Installation Over Existing Tar (Asphalt) And Gravel Roof.....	1,296.11	
07 56 00 00-0016	SQ	Elastomeric Installation Over New Construction, Waterproofing.....	708.95	
07 56 00 00-0017	SQ	Elastomeric Installation Over Mobile Home.....	471.04	
07 56 00 00-0018	SQ	Elastomeric Installation Over Corrugated Metal Roofs.....	549.09	
07 56 00 00-0019	SQ	Elastomeric Installation Over Granulate Mineral Surface, Cap Sheet (Semi-Smooth) Surface.....	1,057.27	
07 56 00 00-0020	SQ	4" Acrylic Gel With Fabric (Apply At Edges).....	3.81	
07 56 00 00-0021	SQ	6" Acrylic Gel With Fabric (Apply At Edges).....	5.41	

07 56 00 00-0022 Polyurethane Roof Coating, Sprayed On Assemblies (07 56)

Note: Includes pressure wash, primer, base coat, polyester reinforcement, top coat and finish coat.

07 56 00 00-0023	SF	Up To 50 SF White (High-Albedo) Polyurethane Coating.....	11.16	
07 56 00 00-0024	SF	>50 To 100 SF White (High-Albedo) Polyurethane Coating.....	10.69	
07 56 00 00-0025	SF	>100 To 500 SF White (High-Albedo) Polyurethane Coating.....	10.22	
07 56 00 00-0026	SEA	>500 To 1,000 SF White (High-Albedo) Polyurethane Coating.....	9.63	

07 56 00 00-0027 Elastomeric Asphalt/Urethane Liquid Roofing Membrane (07 56)

07 56 00 00-0028	SQ	90 Mil, Elastomeric Asphalt/Urethane Liquid Roofing Membrane.....	1,782.14	87.23
		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 00-0029 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 00-0030	SQ	Ulti-Mat™ 38" Non-Woven Fiberglass Reinforcing Membrane For White-Knight Systems.....	97.61	
07 56 00 00-0031	LF	Ulti-Mat™ 6" Non-Woven Fiberglass Reinforcing Membrane For White-Knight Systems.....	5.18	
07 56 00 00-0032	SQ	White-Knight® Premium Multi-Purpose Urethane Restoration Reflective Coating For Metal, Membrane, BUR, Single-Ply (2 GAL/SQ).....	372.64	
07 56 00 00-0033	SQ	White-Knight® Metal Primer One Component Metal Primer For Placement Under The White-Knight System.....	95.77	
07 56 00 00-0034	SQ	White-Knight® Plus High Strength, Multi-Purpose Urethane Restoration Coating For Metal, Membrane, BUR, Single-Ply.....	920.77	
07 56 00 00-0035	SQ	White-Knight® Plus Base Coat High Strength, Multi-Purpose Urethane Restoration Coating For Metal, Membrane, BUR, Single-Ply.....	1,393.04	
07 56 00 00-0036	SQ	White-Knight® Plus WC High Strength, Multi-Purpose, VOC Compliant, Urethane Restoration Coating For Metal, Membrane, BUR, Single-Ply.....	952.62	
07 56 00 00-0037	SQ	White-Star Premium, White Polyurea Restoration Adhesive For Mineral And Smooth Modified And BUR (2 GAL/SQ).....	245.03	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

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	366.97	53.51
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	441.21	57.32
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	515.44	61.15
07 57 13 00-0007	SQ	2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	597.10	64.97
07 57 13 00-0008	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	678.77	68.79
07 57 13 00-0009	SQ	3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	745.57	72.61
07 57 13 00-0010	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	812.35	76.43
07 57 13 00-0011	SQ	4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	886.58	80.26
07 57 13 00-0012	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	960.82	84.08
07 57 13 00-0013	SQ	5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	1,035.04	87.91
07 57 13 00-0014	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	1,109.28	91.72

07 57 13 00-0015 Sprayed Polyurethane Foam Roofing System With 32 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 10 year warranty.

07 57 13 00-0016	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	378.53	53.51
07 57 13 00-0017	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	452.77	57.32
07 57 13 00-0018	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	527.00	61.15
07 57 13 00-0019	SQ	2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	601.23	64.97
07 57 13 00-0020	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	675.46	68.79
07 57 13 00-0021	SQ	3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	749.70	72.61
07 57 13 00-0022	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	823.91	76.43
07 57 13 00-0023	SQ	4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	898.15	80.26
07 57 13 00-0024	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	972.38	84.08
07 57 13 00-0025	SQ	5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	1,046.61	87.91
07 57 13 00-0026	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating	1,120.84	91.72

07 57 13 00-0027 Sprayed Polyurethane Foam Roofing System With 40 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 15 year warranty.

07 57 13 00-0028	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	406.61	53.51
07 57 13 00-0029	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	478.37	57.32
07 57 13 00-0030	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	550.13	61.15
07 57 13 00-0031	SQ	2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	624.35	64.97
07 57 13 00-0032	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	698.59	68.79
07 57 13 00-0033	SQ	3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating	803.71	72.61

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 57 Coated Foamed Roofing**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 57 13 00-0034	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating.....	908.81	76.43
07 57 13 00-0035	SQ	4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating.....	989.32	80.26
07 57 13 00-0036	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating.....	1,069.83	84.08
07 57 13 00-0037	SQ	5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating.....	1,150.33	87.91
07 57 13 00-0038	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating.....	1,230.84	91.72
07 57 13 00-0039		Sprayed Polyurethane Foam Roofing Systems With Silicone Elastomeric Coating (07 57 13 00-0001)		
07 57 13 00-0040		Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating (07 57 13 00-0039) 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 00-0041	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating.....	414.87	53.51
07 57 13 00-0042	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating.....	495.38	57.32
07 57 13 00-0043	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating.....	575.89	61.15
07 57 13 00-0044	SQ	2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating.....	656.39	64.97
07 57 13 00-0045	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating.....	736.91	68.79
07 57 13 00-0046	SQ	3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating.....	817.42	72.61
07 57 13 00-0047	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating.....	897.91	76.43
07 57 13 00-0048	SQ	4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating.....	978.42	80.26
07 57 13 00-0049	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating.....	1,058.93	84.08
07 57 13 00-0050	SQ	5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating.....	1,139.43	87.91
07 57 13 00-0051	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating.....	1,219.94	91.72
07 57 13 00-0052		Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating (07 57 13 00-0039) 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 00-0053	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating.....	431.22	53.51
07 57 13 00-0054	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating.....	511.73	57.32
07 57 13 00-0055	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating.....	592.25	61.15
07 57 13 00-0056	SQ	2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating.....	672.75	64.97
07 57 13 00-0057	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating.....	753.26	68.79
07 57 13 00-0058	SQ	3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating.....	833.77	72.61
07 57 13 00-0059	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating.....	914.26	76.43
07 57 13 00-0060	SQ	4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating.....	994.77	80.26
07 57 13 00-0061	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating.....	1,075.28	84.08
07 57 13 00-0062	SQ	5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating.....	1,155.78	87.91
07 57 13 00-0063	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating.....	1,236.29	91.72
07 57 13 00-0064		Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating (07 57 13 00-0039) 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 00-0065	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....	443.94	53.51
07 57 13 00-0066	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....	524.45	57.32
07 57 13 00-0067	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....	604.96	61.15
07 57 13 00-0068	SQ	2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating.....	685.46	64.97



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 00-0069	SQ		3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	765.98	68.79
07 57 13 00-0070	SQ		3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	846.49	72.61
07 57 13 00-0071	SQ		4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	926.98	76.43
07 57 13 00-0072	SQ		4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	1,007.49	80.26
07 57 13 00-0073	SQ		5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	1,088.00	84.08
07 57 13 00-0074	SQ		5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	1,168.50	87.91
07 57 13 00-0075	SQ		6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	1,249.01	91.72
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.....	251.42	34.40
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.	4.97	1.56
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 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..... 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	34.72 1.99 1.22 8.68 2.96 3.47 0.87	3.32
07 61 13 00-0004	SF		Architectural 18 Ounce Copper 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 For Panels < 16" Wide, Add For Up To 5000, Add For > 5000 To 10000, Add	38.02 2.16 3.23 1.34 9.51 5.70 0.95 3.23 3.80 0.95	3.60
07 61 13 00-0005	SF		Architectural 20 Ounce Copper 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	44.83 2.35 1.52 11.21 3.69 4.48 1.12	3.92
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..... 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	40.62 2.16 3.36 1.39 10.16 6.09 1.02 -0.67	3.60
07 61 13 00-0008	SF		0.027" Thick, Zinc/Copper 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 For Tin/Copper, Deduct	49.29 2.25 3.85 1.59 12.32 7.39 1.23 -0.84	3.75

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 00-0009	SF		0.032" Thick, Zinc/Copper 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 For Tin/Copper, Deduct	56.07 2.35 4.25 1.75 14.02 8.41 1.40 -0.96	3.92
07 61 13 00-0010	SF		0.040" Thick, Zinc/Copper 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 For Tin/Copper, Deduct	70.41 2.46 5.04 2.07 17.60 10.56 1.76 -1.24	4.11
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..... For Steep Roof, Over 6 To 12, Add For 140 MPH Wind Load, Add	146.50 5.14 4.30	6.86
07 61 13 00-0013	LF		Eave Flashing For Copper Standing Seam Concealed Fastener Roofing..... For Steep Roof, Over 6 To 12, Add For 140 MPH Wind Load, Add	83.85 5.14 3.05	6.86
07 61 13 00-0014	LF		Valley Flashing For Copper Standing Seam Concealed Fastener Roofing..... For Steep Roof, Over 6 To 12, Add For 140 MPH Wind Load, Add	205.73 5.14 5.49	6.86
07 61 13 00-0015	LF		Hip Flashing For Copper Standing Seam Concealed Fastener Roofing..... For Steep Roof, Over 6 To 12, Add For 140 MPH Wind Load, Add	151.18 5.14 4.39	6.86
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)		
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	42.78 2.35 3.59 1.48 10.70 6.42 1.07	3.92
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	47.29 2.47 3.89 1.61 11.82 7.09 1.18	4.12
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	55.21 2.59 4.36 1.79 13.80 8.28 1.38	4.32
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	43.50 2.16 3.51 1.45 10.88 6.53 1.09 -0.73	3.60
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	53.41 2.25 4.06 1.67 13.35 8.01 1.34 -0.92	3.75



Thermal And Moisture Protection			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 00-0009	SF		0.032" Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing	59.90	3.92
			For Steep Roof, Over 6 To 12, Add	2.35	
			For Panels <16" Wide, Add	4.45	
			For 140 MPH Wind Load, Add	1.83	
			For Up To 1,500, Add	14.98	
			For >1,500 To 5,000, Add	8.99	
			For >5,000 To 10,000, Add	1.50	
			For Tin/Copper, Deduct	-1.04	
07 61 16 00-0010	SF		0.040" Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing	75.34	4.11
			For Steep Roof, Over 6 To 12, Add	2.46	
			For Panels <16" Wide, Add	5.29	
			For 140 MPH Wind Load, Add	2.16	
			For Up To 1,500, Add	18.84	
			For >1,500 To 5,000, Add	11.30	
			For >5,000 To 10,000, Add	1.88	
			For Tin/Copper, Deduct	-1.34	
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	32.95	3.60
			For Steep Roof, Over 6 To 12, Add	2.16	
			For Panels <16" Wide, Add	2.98	
			For 140 MPH Wind Load, Add	1.23	
			For Up To 1,500, Add	8.24	
			For >1,500 To 5,000, Add	4.94	
			For >5,000 To 10,000, Add	0.82	
07 61 19 00-0004	SF		18 Ounce Copper Flat Seam Concealed Fastener Roofing	36.28	3.75
			For Steep Roof, Over 6 To 12, Add	2.25	
			For Panels <16" Wide, Add	3.20	
			For 140 MPH Wind Load, Add	1.33	
			For Up To 1,500, Add	9.07	
			For >1,500 To 5,000, Add	5.44	
			For >5,000 To 10,000, Add	0.91	
07 61 19 00-0005	SF		20 Ounce Copper Flat Seam Concealed Fastener Roofing	42.09	3.92
			For Steep Roof, Over 6 To 12, Add	2.35	
			For Panels <16" Wide, Add	3.55	
			For 140 MPH Wind Load, Add	1.47	
			For Up To 1,500, Add	10.52	
			For >1,500 To 5,000, Add	6.31	
			For >5,000 To 10,000, Add	1.05	
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	38.02	3.60
			For Steep Roof, Over 6 To 12, Add	2.16	
			For Panels <16" Wide, Add	3.23	
			For 140 MPH Wind Load, Add	1.34	
			For Up To 1,500, Add	9.51	
			For >1,500 To 5,000, Add	5.70	
			For >5,000 To 10,000, Add	0.95	
			For Tin/Copper, Deduct	-0.62	
07 61 19 00-0008	SF		0.027" Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing	46.56	3.75
			For Steep Roof, Over 6 To 12, Add	2.25	
			For Panels <16" Wide, Add	3.72	
			For 140 MPH Wind Load, Add	1.53	
			For Up To 1,500, Add	11.64	
			For >1,500 To 5,000, Add	6.98	
			For >5,000 To 10,000, Add	1.16	
			For Tin/Copper, Deduct	-0.78	
07 61 19 00-0009	SF		0.032" Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing	52.37	3.92
			For Steep Roof, Over 6 To 12, Add	2.35	
			For Panels <16" Wide, Add	4.07	
			For 140 MPH Wind Load, Add	1.67	
			For Up To 1,500, Add	13.09	
			For >1,500 To 5,000, Add	7.86	
			For >5,000 To 10,000, Add	1.31	
			For Tin/Copper, Deduct	-0.89	
07 61 19 00-0010	SF		0.040" Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing	65.75	4.11
			For Steep Roof, Over 6 To 12, Add	2.46	
			For Panels <16" Wide, Add	4.81	
			For 140 MPH Wind Load, Add	1.97	
			For Up To 1,500, Add	16.44	
			For >1,500 To 5,000, Add	9.86	
			For >5,000 To 10,000, Add	1.64	
			For Tin/Copper, Deduct	-1.15	

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 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 13 00-0002	SF		2.5 LB/SF Sheet Lead Flashing	23.10	5.34
			For Up To 100, Add	5.78	
07 62 13 00-0003	SF		4 LB/SF Sheet Lead Flashing	30.41	5.34
			For Up To 100, Add	7.60	
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	30.75	5.21
			For Up To 100, Add	7.69	
			For >500 To 2,000, Deduct	-4.20	
			For >2,000, Deduct	-5.23	
			For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add	2.06	
			For Wrap Around Window Panning, Add	10.31	
07 62 13 00-0007	SF		20 Ounce, 0.027" Thick, Copper Flashing And Trim	31.72	5.34
			For Up To 100, Add	7.93	
			For >500 To 2,000, Deduct	-4.34	
			For >2,000, Deduct	-5.39	
			For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add	2.15	
			For Wrap Around Window Panning, Add	10.77	
07 62 13 00-0008	SF		24 Ounce, 0.032" Thick, Copper Flashing And Trim	36.43	5.69
			For Up To 100, Add	9.11	
			For >500 To 2,000, Deduct	-4.96	
			For >2,000, Deduct	-6.22	
			For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add	2.26	
			For Wrap Around Window Panning, Add	11.29	
07 62 13 00-0009	SF		32 Ounce, 0.043" Thick, Copper Flashing And Trim	45.37	5.93
			For Up To 100, Add	11.34	
			For >500 To 2,000, Deduct	-6.14	
			For >2,000, Deduct	-7.81	
			For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add	2.37	
			For Wrap Around Window Panning, Add	11.85	
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	10.45	2.84
			For Up To 100, Add	2.61	
			For Wrap Around Window Panning, Add	7.32	
			For Mechanically Keyed Flashing, Add	1.25	
07 62 13 00-0013	SF		30 Gauge, 0.0125" Thick, Stainless Steel Flashing And Trim	11.34	3.20
			For Up To 100, Add	2.84	
			For Wrap Around Window Panning, Add	7.43	
			For Mechanically Keyed Flashing, Add	1.56	
07 62 13 00-0014	SF		28 Gauge, 0.0156" Thick, Stainless Steel Flashing And Trim	12.24	3.55
			For Up To 100, Add	3.06	
			For Wrap Around Window Panning, Add	7.55	
			For Mechanically Keyed Flashing, Add	1.88	
07 62 13 00-0015	SF		26 Gauge, 0.0187" Thick, Stainless Steel Flashing And Trim	13.66	3.91
			For Up To 100, Add	3.42	
			For Wrap Around Window Panning, Add	7.79	
			For Mechanically Keyed Flashing, Add	2.35	
07 62 13 00-0016	SF		24 Gauge, 0.025" Thick, Stainless Steel Flashing And Trim	16.05	4.15
			For Up To 100, Add	4.01	
			For Wrap Around Window Panning, Add	8.23	
			For Mechanically Keyed Flashing, Add	3.13	
07 62 13 00-0017	SF		22 Gauge, 0.031" Thick, Stainless Steel Flashing And Trim	17.53	4.36
			For Up To 100, Add	4.38	
			For Wrap Around Window Panning, Add	8.71	
			For Mechanically Keyed Flashing, Add	3.53	
07 62 13 00-0018	SF		20 Gauge, 0.0375" Thick, Stainless Steel Flashing And Trim	18.78	4.62
			For Up To 100, Add	4.70	
			For Wrap Around Window Panning, Add	9.22	
			For Mechanically Keyed Flashing, Add	3.82	
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	11.48	3.67
			For Up To 100, Add	2.87	
			For Baked Aluminum Colors, Add	0.33	
			For Wrap Around Window Panning, Add	8.17	
07 62 13 00-0022	SF		0.016" Thick, Mill Finish, Aluminum Flashing And Trim	12.20	3.67
			For Up To 100, Add	3.05	
			For Baked Aluminum Colors, Add	0.40	
			For Wrap Around Window Panning, Add	8.17	
07 62 13 00-0023	SF		0.019" Thick, Mill Finish, Aluminum Flashing And Trim	12.77	3.67
			For Up To 100, Add	3.19	
			For Baked Aluminum Colors, Add	0.46	
			For Wrap Around Window Panning, Add	8.17	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 13 00-0024	SF		0.024" Thick, Mill Finish, Aluminum Flashing And Trim For Up To 100, Add For Baked Aluminum Colors, Add For Wrap Around Window Panning, Add 0.40 0.54 8.17	13.60	3.67
07 62 13 00-0025	SF		0.032" Thick, Mill Finish, Aluminum Flashing And Trim For Up To 100, Add For Baked Aluminum Colors, Add For Wrap Around Window Panning, Add 3.69 0.66 8.17	14.76	3.67
07 62 13 00-0026	SF		0.040" Thick, Mill Finish, Aluminum Flashing And Trim For Up To 100, Add For Baked Aluminum Colors, Add For Wrap Around Window Panning, Add 3.87 0.73 8.17	15.47	3.67
07 62 13 00-0027	SF		0.050" Thick, Mill Finish, Aluminum Flashing And Trim For Up To 100, Add For Baked Aluminum Colors, Add For Wrap Around Window Panning, Add 4.01 0.79 8.17	16.04	3.67
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 For Up To 100, Add For Wrap Around Window Panning, Add 3.03 7.55	12.12	3.55
07 62 13 00-0031	SF		26 Gauge, 0.022" Thick, Galvanized Steel Flashing For Up To 100, Add For Wrap Around Window Panning, Add 3.15 7.79	12.61	3.91
07 62 13 00-0032	SF		24 Gauge, 0.028" Thick, Galvanized Steel Flashing For Up To 100, Add For Wrap Around Window Panning, Add 3.36 8.23	13.43	4.15
07 62 13 00-0033	SF		22 Gauge, 0.034" Thick, Galvanized Steel Flashing For Up To 100, Add For Wrap Around Window Panning, Add 3.57 8.71	14.29	4.36
07 62 13 00-0034	SF		20 Gauge, 0.04" Thick, Galvanized Steel Flashing For Up To 100, Add For Wrap Around Window Panning, Add 3.87 9.22	15.47	4.62
07 62 19			Fabricated Gravel Stops and Fasciae (07 62)		
07 62 19 00-0001			Drip Edge (07 62 19)		
07 62 19 00-0002			Aluminum Drip Edge (07 62 19 00-0001) Note: Girth (stretch-out) equals the total (flattened) width of the drip edge.		
07 62 19 00-0003			KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0002)		
07 62 19 00-0004			0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0003)		
07 62 19 00-0005	LF		Up To 5" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	12.48	1.72
07 62 19 00-0006	LF		>5" To 7" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	15.58	1.84
07 62 19 00-0007	LF		>7" To 9" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	17.59	2.07
07 62 19 00-0008	LF		>9" To 12" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	21.19	2.18
07 62 19 00-0009	LF		>12" To 15" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	27.09	2.29
07 62 19 00-0010			0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0003)		
07 62 19 00-0011	LF		Up To 5" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	13.36	1.72
07 62 19 00-0012	LF		>5" To 7" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	16.56	1.84
07 62 19 00-0013	LF		>7" To 9" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	19.06	2.07
07 62 19 00-0014	LF		>9" To 12" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	22.94	2.18
07 62 19 00-0015	LF		>12" To 15" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	28.75	2.29
07 62 19 00-0016			0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0003)		
07 62 19 00-0017	LF		Up To 5" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	14.24	1.72
07 62 19 00-0018	LF		>5" To 7" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	17.73	1.84
07 62 19 00-0019	LF		>7" To 9" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	20.47	2.07
07 62 19 00-0020	LF		>9" To 12" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	24.70	2.18
07 62 19 00-0021	LF		>12" To 15" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	31.09	2.29
07 62 19 00-0022			0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0003)		
07 62 19 00-0023	LF		Up To 5" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	16.00	1.72
07 62 19 00-0024	LF		>5" To 7" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	20.07	1.84
07 62 19 00-0025	LF		>7" To 9" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	23.25	2.07
07 62 19 00-0026	LF		>9" To 12" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	28.22	2.18
07 62 19 00-0027	LF		>12" To 15" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	35.78	2.29
07 62 19 00-0028			0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0003)		
07 62 19 00-0029	LF		Up To 5" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	16.58	1.72
07 62 19 00-0030	LF		>5" To 7" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	20.95	1.84
07 62 19 00-0031	LF		>7" To 9" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	24.18	2.07

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 00-0032	LF		>9" To 12" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	29.39	2.18
07 62 19 00-0033	LF		>12" To 15" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	37.34	2.29
07 62 19 00-0034			0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0003)		
07 62 19 00-0035	LF		Up To 5" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	18.63	1.72
07 62 19 00-0036	LF		>5" To 7" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	23.59	1.84
07 62 19 00-0037	LF		>7" To 9" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	27.40	2.07
07 62 19 00-0038	LF		>9" To 12" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	33.49	2.18
07 62 19 00-0039	LF		>12" To 15" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	42.81	2.29
07 62 19 00-0040			0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0003)		
07 62 19 00-0041	LF		Up To 5" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge	21.56	1.72
07 62 19 00-0042	LF		>5" To 7" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge	27.49	1.84
07 62 19 00-0043	LF		>7" To 9" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge	32.04	2.07
07 62 19 00-0044	LF		>9" To 12" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge	39.35	2.18
07 62 19 00-0045	LF		>12" To 15" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge	50.62	2.29
07 62 19 00-0046			0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0003)		
07 62 19 00-0047	LF		Up To 5" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge	25.08	1.72
07 62 19 00-0048	LF		>5" To 7" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge	32.18	1.84
07 62 19 00-0049	LF		>7" To 9" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge	37.61	2.07
07 62 19 00-0050	LF		>9" To 12" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge	46.38	2.18
07 62 19 00-0051	LF		>12" To 15" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge	59.99	2.29
07 62 19 00-0052			Mill Finish, Aluminum Drip Edge (07 62 19 00-0002)		
07 62 19 00-0053			0.016" Thick, Mill Finish, Aluminum Drip Edge (07 62 19 00-0052)		
07 62 19 00-0054	LF		Up To 5" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge	10.21	1.72
07 62 19 00-0055	LF		>5" To 7" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge	12.49	1.84
07 62 19 00-0056	LF		>7" To 9" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge	14.02	2.07
07 62 19 00-0057	LF		>9" To 12" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge	16.64	2.18
07 62 19 00-0058	LF		>12" To 15" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge	20.82	2.29
07 62 19 00-0059			0.019" Thick, Mill Finish, Aluminum Drip Edge (07 62 19 00-0052)		
07 62 19 00-0060	LF		Up To 5" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge	10.82	1.72
07 62 19 00-0061	LF		>5" To 7" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge	13.16	1.84
07 62 19 00-0062	LF		>7" To 9" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge	15.03	2.07
07 62 19 00-0063	LF		>9" To 12" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge	17.85	2.18
07 62 19 00-0064	LF		>12" To 15" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge	21.96	2.29
07 62 19 00-0065			0.025" Thick, Mill Finish, Aluminum Drip Edge (07 62 19 00-0052)		
07 62 19 00-0066	LF		Up To 5" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge	11.42	1.72
07 62 19 00-0067	LF		>5" To 7" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge	13.97	1.84
07 62 19 00-0068	LF		>7" To 9" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge	16.00	2.07
07 62 19 00-0069	LF		>9" To 12" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge	19.06	2.18
07 62 19 00-0070	LF		>12" To 15" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge	23.58	2.29
07 62 19 00-0071			0.032" Thick, Mill Finish, Aluminum Drip Edge (07 62 19 00-0052)		
07 62 19 00-0072	LF		Up To 5" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge	12.63	1.72
07 62 19 00-0073	LF		>5" To 7" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge	15.59	1.84
07 62 19 00-0074	LF		>7" To 9" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge	17.92	2.07
07 62 19 00-0075	LF		>9" To 12" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge	21.49	2.18
07 62 19 00-0076	LF		>12" To 15" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge	26.81	2.29
07 62 19 00-0077			0.040" Thick, Mill Finish, Aluminum Drip Edge (07 62 19 00-0052)		
07 62 19 00-0078	LF		Up To 5" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge	13.04	1.72
07 62 19 00-0079	LF		>5" To 7" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge	16.19	1.84
07 62 19 00-0080	LF		>7" To 9" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge	18.56	2.07
07 62 19 00-0081	LF		>9" To 12" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge	22.30	2.18
07 62 19 00-0082	LF		>12" To 15" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge	27.89	2.29
07 62 19 00-0083			0.050" Thick, Mill Finish, Aluminum Drip Edge (07 62 19 00-0052)		
07 62 19 00-0084	LF		Up To 5" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge	14.45	1.72
07 62 19 00-0085	LF		>5" To 7" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge	18.01	1.84
07 62 19 00-0086	LF		>7" To 9" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge	20.78	2.07
07 62 19 00-0087	LF		>9" To 12" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge	25.12	2.18
07 62 19 00-0088	LF		>12" To 15" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge	31.66	2.29
07 62 19 00-0089			0.063" Thick, Mill Finish, Aluminum Drip Edge (07 62 19 00-0052)		



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 19 00-0090	LF		Up To 5" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge.....	16.47	1.72
07 62 19 00-0091	LF		>5" To 7" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge.....	20.70	1.84
07 62 19 00-0092	LF		>7" To 9" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge.....	23.98	2.07
07 62 19 00-0093	LF		>9" To 12" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge.....	29.16	2.18
07 62 19 00-0094	LF		>12" To 15" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge.....	37.05	2.29
07 62 19 00-0095			0.080" Thick, Mill Finish, Aluminum Drip Edge (07 62 19 00-0052)		
07 62 19 00-0096	LF		Up To 5" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge.....	18.90	1.72
07 62 19 00-0097	LF		>5" To 7" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge.....	23.94	1.84
07 62 19 00-0098	LF		>7" To 9" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge.....	27.82	2.07
07 62 19 00-0099	LF		>9" To 12" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge.....	34.01	2.18
07 62 19 00-0100	LF		>12" To 15" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge.....	43.51	2.29
07 62 19 00-0101			Clear Anodized Finish, Aluminum Drip Edge (07 62 19 00-0002)		
07 62 19 00-0102			0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge (07 62 19 00-0101)		
07 62 19 00-0103	LF		Up To 5" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	12.92	1.72
07 62 19 00-0104	LF		>5" To 7" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	16.18	1.84
07 62 19 00-0105	LF		>7" To 9" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	18.28	2.07
07 62 19 00-0106	LF		>9" To 12" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	22.06	2.18
07 62 19 00-0107	LF		>12" To 15" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	28.30	2.29
07 62 19 00-0108			0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge (07 62 19 00-0101)		
07 62 19 00-0109	LF		Up To 5" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	13.85	1.72
07 62 19 00-0110	LF		>5" To 7" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	17.21	1.84
07 62 19 00-0111	LF		>7" To 9" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	19.83	2.07
07 62 19 00-0112	LF		>9" To 12" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	23.93	2.18
07 62 19 00-0113	LF		>12" To 15" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	30.06	2.29
07 62 19 00-0114			0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge (07 62 19 00-0101)		
07 62 19 00-0115	LF		Up To 5" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	14.79	1.72
07 62 19 00-0116	LF		>5" To 7" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	18.45	1.84
07 62 19 00-0117	LF		>7" To 9" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	21.34	2.07
07 62 19 00-0118	LF		>9" To 12" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	25.79	2.18
07 62 19 00-0119	LF		>12" To 15" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	32.55	2.29
07 62 19 00-0120			0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge (07 62 19 00-0101)		
07 62 19 00-0121	LF		Up To 5" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	16.65	1.72
07 62 19 00-0122	LF		>5" To 7" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	20.94	1.84
07 62 19 00-0123	LF		>7" To 9" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	24.29	2.07
07 62 19 00-0124	LF		>9" To 12" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	29.52	2.18
07 62 19 00-0125	LF		>12" To 15" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	37.51	2.29
07 62 19 00-0126			0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge (07 62 19 00-0101)		
07 62 19 00-0127	LF		Up To 5" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	17.27	1.72
07 62 19 00-0128	LF		>5" To 7" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	21.87	1.84
07 62 19 00-0129	LF		>7" To 9" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	25.27	2.07
07 62 19 00-0130	LF		>9" To 12" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	30.76	2.18
07 62 19 00-0131	LF		>12" To 15" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	39.17	2.29
07 62 19 00-0132			0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge (07 62 19 00-0101)		
07 62 19 00-0133	LF		Up To 5" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	19.44	1.72
07 62 19 00-0134	LF		>5" To 7" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	24.66	1.84
07 62 19 00-0135	LF		>7" To 9" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	28.68	2.07
07 62 19 00-0136	LF		>9" To 12" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	35.10	2.18
07 62 19 00-0137	LF		>12" To 15" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	44.97	2.29
07 62 19 00-0138			0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge (07 62 19 00-0101)		
07 62 19 00-0139	LF		Up To 5" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	22.55	1.72
07 62 19 00-0140	LF		>5" To 7" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	28.80	1.84
07 62 19 00-0141	LF		>7" To 9" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	33.60	2.07
07 62 19 00-0142	LF		>9" To 12" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	41.31	2.18
07 62 19 00-0143	LF		>12" To 15" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	53.25	2.29
07 62 19 00-0144			0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge (07 62 19 00-0101)		
07 62 19 00-0145	LF		Up To 5" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	26.27	1.72
07 62 19 00-0146	LF		>5" To 7" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	33.77	1.84
07 62 19 00-0147	LF		>7" To 9" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	39.50	2.07
07 62 19 00-0148	LF		>9" To 12" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	48.77	2.18
07 62 19 00-0149	LF		>12" To 15" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	63.18	2.29

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 00-0150	Galvanized Steel Drip Edge (07 62 19 00-0001)		
	Note: Girth (stretch-out) equals the total (flattened) width of the drip edge.		
07 62 19 00-0151	Galvanized Steel Drip Edge (07 62 19 00-0150)		
07 62 19 00-0152	26 Gauge, Galvanized Steel Drip Edge (07 62 19 00-0151)		
07 62 19 00-0153	LF Up To 5" Girth, 26 Gauge, Galvanized Steel Drip Edge	11.90	1.72
07 62 19 00-0154	LF >5" To 7" Girth, 26 Gauge, Galvanized Steel Drip Edge.....	14.66	1.84
07 62 19 00-0155	LF >7" To 9" Girth, 26 Gauge, Galvanized Steel Drip Edge.....	16.75	2.07
07 62 19 00-0156	LF >9" To 12" Girth, 26 Gauge, Galvanized Steel Drip Edge.....	20.01	2.18
07 62 19 00-0157	LF >12" To 15" Girth, 26 Gauge, Galvanized Steel Drip Edge.....	24.84	2.29
07 62 19 00-0158	24 Gauge, Galvanized Steel Drip Edge (07 62 19 00-0151)		
07 62 19 00-0159	LF Up To 5" Girth, 24 Gauge, Galvanized Steel Drip Edge	12.91	1.72
07 62 19 00-0160	LF >5" To 7" Girth, 24 Gauge, Galvanized Steel Drip Edge.....	16.02	1.84
07 62 19 00-0161	LF >7" To 9" Girth, 24 Gauge, Galvanized Steel Drip Edge.....	18.35	2.07
07 62 19 00-0162	LF >9" To 12" Girth, 24 Gauge, Galvanized Steel Drip Edge.....	22.04	2.18
07 62 19 00-0163	LF >12" To 15" Girth, 24 Gauge, Galvanized Steel Drip Edge.....	27.53	2.29
07 62 19 00-0164	KYNAR 500® Finish, Galvanized Steel Drip Edge (07 62 19 00-0150)		
07 62 19 00-0165	26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge (07 62 19 00-0164)		
07 62 19 00-0166	LF Up To 5" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	14.93	1.72
07 62 19 00-0167	LF >5" To 7" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	18.73	1.84
07 62 19 00-0168	LF >7" To 9" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	21.56	2.07
07 62 19 00-0169	LF >9" To 12" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	26.07	2.18
07 62 19 00-0170	LF >12" To 15" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	32.93	2.29
07 62 19 00-0171	24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge (07 62 19 00-0164)		
07 62 19 00-0172	LF Up To 5" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	16.39	1.72
07 62 19 00-0173	LF >5" To 7" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	20.69	1.84
07 62 19 00-0174	LF >7" To 9" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	23.88	2.07
07 62 19 00-0175	LF >9" To 12" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	29.00	2.18
07 62 19 00-0176	LF >12" To 15" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	36.83	2.29
07 62 19 00-0177	Stainless Steel Drip Edge (07 62 19 00-0001)		
	Note: Girth (stretch-out) equals the total (flattened) width of the drip edge.		
07 62 19 00-0178	26 Gauge, Stainless Steel Drip Edge (07 62 19 00-0177)		
07 62 19 00-0179	LF Up To 5" Girth, 26 Gauge, Stainless Steel Drip Edge.....	20.52	1.72
07 62 19 00-0180	LF >5" To 7" Girth, 26 Gauge, Stainless Steel Drip Edge.....	26.10	1.84
07 62 19 00-0181	LF >7" To 9" Girth, 26 Gauge, Stainless Steel Drip Edge.....	30.39	2.07
07 62 19 00-0182	LF >9" To 12" Girth, 26 Gauge, Stainless Steel Drip Edge.....	37.27	2.18
07 62 19 00-0183	LF >12" To 15" Girth, 26 Gauge, Stainless Steel Drip Edge.....	47.85	2.29
07 62 19 00-0184	24 Gauge, Stainless Steel Drip Edge (07 62 19 00-0177)		
07 62 19 00-0185	LF Up To 5" Girth, 24 Gauge, Stainless Steel Drip Edge.....	25.36	1.72
07 62 19 00-0186	LF >5" To 7" Girth, 24 Gauge, Stainless Steel Drip Edge.....	32.55	1.84
07 62 19 00-0187	LF >7" To 9" Girth, 24 Gauge, Stainless Steel Drip Edge.....	38.08	2.07
07 62 19 00-0188	LF >9" To 12" Girth, 24 Gauge, Stainless Steel Drip Edge.....	46.94	2.18
07 62 19 00-0189	LF >12" To 15" Girth, 24 Gauge, Stainless Steel Drip Edge.....	60.74	2.29
07 62 19 00-0190	22 Gauge, Stainless Steel Drip Edge (07 62 19 00-0177)		
07 62 19 00-0191	LF Up To 5" Girth, 22 Gauge, Stainless Steel Drip Edge.....	31.05	1.72
07 62 19 00-0192	LF >5" To 7" Girth, 22 Gauge, Stainless Steel Drip Edge.....	40.14	1.84
07 62 19 00-0193	LF >7" To 9" Girth, 22 Gauge, Stainless Steel Drip Edge.....	47.08	2.07
07 62 19 00-0194	LF >9" To 12" Girth, 22 Gauge, Stainless Steel Drip Edge.....	58.32	2.18
07 62 19 00-0195	LF >12" To 15" Girth, 22 Gauge, Stainless Steel Drip Edge.....	75.92	2.29

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.....	86.30	
	For Pourable Sealer Filled, Add	39.41	
	For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	19.71	
07 63 00 00-0004	EA 6" x 6" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	104.82	
	For Pourable Sealer Filled, Add	88.72	
	For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	44.48	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 63 00 00-0005	EA		8" x 8" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	128.62	
			For Pourable Sealer Filled, Add	157.63	
			For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	78.64	
07 63 00 00-0006	EA		8" x 10" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	141.72	
			For Pourable Sealer Filled, Add	197.04	
			For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	98.84	
07 63 00 00-0007	EA		8" x 12" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	154.13	
			For Pourable Sealer Filled, Add	236.45	
			For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	118.24	
07 63 00 00-0008	SF		24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	182.63	
			For Pourable Sealer Filled, Add	354.67	
			For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	176.24	
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.....	97.82	
			For Pourable Sealer Filled, Add	39.41	
			For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	19.71	
07 63 00 00-0011	EA		6" x 6" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	118.01	
			For Pourable Sealer Filled, Add	88.72	
			For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	44.48	
07 63 00 00-0012	EA		8" x 8" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	144.50	
			For Pourable Sealer Filled, Add	157.63	
			For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	78.64	
07 63 00 00-0013	EA		8" x 10" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	160.86	
			For Pourable Sealer Filled, Add	197.04	
			For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	98.84	
07 63 00 00-0014	EA		8" x 12" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	173.68	
			For Pourable Sealer Filled, Add	236.45	
			For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	118.24	
07 63 00 00-0015	SF		16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	203.61	
			For Pourable Sealer Filled, Add	354.67	
			For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	176.24	
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.....	99.39	
			For Pourable Sealer Filled, Add	39.41	
			For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	19.71	
07 63 00 00-0018	EA		6" x 6" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	119.18	
			For Pourable Sealer Filled, Add	88.72	
			For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	44.48	
07 63 00 00-0019	EA		8" x 8" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	139.47	
			For Pourable Sealer Filled, Add	157.63	
			For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	78.64	
07 63 00 00-0020	EA		8" x 10" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	151.84	
			For Pourable Sealer Filled, Add	197.04	
			For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	98.84	
07 63 00 00-0021	EA		8" x 12" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	163.35	
			For Pourable Sealer Filled, Add	236.45	
			For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	118.24	
07 63 00 00-0022	SF		24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	189.95	
			For Pourable Sealer Filled, Add	354.67	
			For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	176.24	
07 63 00 00-0023			Clean, Repair And Refill Existing Pitch Pockets With Non-Shrink Grout (07 63 00 00-0001)		
			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.....	76.27	
			For Pourable Sealer Filled, Add	39.41	
			For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	19.71	
07 63 00 00-0025	EA		Clean, Repair And Refill Existing 6" x 6" Pitch Pocket With Non-Shrink Grout.....	87.88	
			For Pourable Sealer Filled, Add	88.72	
			For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	44.48	
07 63 00 00-0026	EA		Clean, Repair And Refill Existing 8" x 8" Pitch Pocket With Non-Shrink Grout.....	103.31	
			For Pourable Sealer Filled, Add	157.63	
			For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	78.64	
07 63 00 00-0027	EA		Clean, Repair And Refill Existing 8" x 10" Pitch Pocket With Non-Shrink Grout.....	113.09	
			For Pourable Sealer Filled, Add	197.04	
			For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	98.84	
07 63 00 00-0028	EA		Clean, Repair And Refill Existing 8" x 12" Pitch Pocket With Non-Shrink Grout.....	122.87	
			For Pourable Sealer Filled, Add	236.45	
			For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	118.24	
07 63 00 00-0029	SF		Clean, Repair And Refill Existing Pitch Pocket With Non-Shrink Grout.....	147.61	
			For Pourable Sealer Filled, Add	354.67	
			For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	176.24	
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.....	93.25	29.30
07 63 00 00-0032	EA		1-1/2" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 1" Pipe.....	93.25	29.30

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 00-0033 EA 2-3/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 2" Pipe.....	112.67	29.30
07 63 00 00-0034 EA 3-3/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 3" Pipe.....	123.77	29.30
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.....	129.32	29.30
07 63 00 00-0036 EA 4-3/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 4" Pipe.....	132.09	29.30
07 63 00 00-0037 EA 6-7/8" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 6" Pipe.....	159.83	29.30
07 63 00 00-0038 EA 8-7/8" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 8" Pipe.....	172.32	29.30
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.....	80.12	18.94
07 63 00 00-0041 EA 3" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing.....	81.44	18.94
07 63 00 00-0042 EA 4" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing.....	86.25	18.94
07 63 00 00-0043 EA 6" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing.....	90.39	18.94
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	14.13	2.17
Note: Includes applying a 30 mil base coat, rolling in a stitchbonded 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	9.76	3.09
07 65 19 00-0005 LF 12" Wide Strip, 60 Mil, Neoprene Flashing	13.03	3.32
07 65 19 00-0006 LF 18" Wide Strip, 60 Mil, Neoprene Flashing	16.63	3.66
07 65 19 00-0007 LF 24" Wide Strip, 60 Mil, Neoprene Flashing	20.44	4.13
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	52.70	9.52
07 65 33 00-0003 EA 3" Diameter Pipe, Neoprene Roof Boot	62.80	10.66
07 65 33 00-0004 EA 4" Diameter Pipe, Neoprene Roof Boot	70.44	11.47
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	34.30	2.48
For Up To 25 LF, Add	5.08	
For >25 To 100 LF, Add	2.54	
For >1,000 LF, Deduct	-0.41	
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	36.19	2.68
For Up To 25 LF, Add	5.41	
For >25 To 100 LF, Add	2.70	
For >1,000 LF, Deduct	-0.45	
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	41.25	2.82
For Up To 25 LF, Add	6.01	
For >25 To 100 LF, Add	3.00	
For >1,000 LF, Deduct	-0.47	
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	47.91	3.09
For Up To 25 LF, Add	6.86	
For >25 To 100 LF, Add	3.43	
For >1,000 LF, Deduct	-0.52	
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	57.87	3.23
For Up To 25 LF, Add	7.94	
For >25 To 100 LF, Add	3.97	
For >1,000 LF, Deduct	-0.54	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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.....	27.26	2.48
			For Up To 25 LF, Add	4.38	
			For >25 To 100 LF, Add	2.19	
			For >1,000 LF, Deduct	0.41	
07 71 13 00-0012	LF		>14" To 16" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....	29.10	2.68
			For Up To 25 LF, Add	4.70	
			For >25 To 100 LF, Add	2.35	
			For >1,000 LF, Deduct	-0.45	
07 71 13 00-0013	LF		>16" To 22" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....	33.91	2.82
			For Up To 25 LF, Add	5.27	
			For >25 To 100 LF, Add	2.64	
			For >1,000 LF, Deduct	-0.47	
07 71 13 00-0014	LF		>22" To 30" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....	40.47	3.09
			For Up To 25 LF, Add	6.11	
			For >25 To 100 LF, Add	3.06	
			For >1,000 LF, Deduct	-0.52	
07 71 13 00-0015	LF		>30" To 42" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....	50.24	3.23
			For Up To 25 LF, Add	7.18	
			For >25 To 100 LF, Add	3.59	
			For >1,000 LF, Deduct	-0.54	
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.....	29.58	2.48
			For Up To 25 LF, Add	4.61	
			For >25 To 100 LF, Add	2.31	
			For >1,000 LF, Deduct	-0.41	
07 71 13 00-0018	LF		>14" To 16" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....	31.57	2.68
			For Up To 25 LF, Add	4.95	
			For >25 To 100 LF, Add	2.47	
			For >1,000 LF, Deduct	-0.45	
07 71 13 00-0019	LF		>16" To 22" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....	36.83	2.82
			For Up To 25 LF, Add	5.56	
			For >25 To 100 LF, Add	2.78	
			For >1,000 LF, Deduct	-0.47	
07 71 13 00-0020	LF		>22" To 30" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....	44.00	3.09
			For Up To 25 LF, Add	6.46	
			For >25 To 100 LF, Add	3.23	
			For >1,000 LF, Deduct	-0.52	
07 71 13 00-0021	LF		>30" To 42" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....	54.73	3.23
			For Up To 25 LF, Add	7.63	
			For >25 To 100 LF, Add	3.81	
			For >1,000 LF, Deduct	-0.54	
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.....	31.48	2.48
			For Up To 25 LF, Add	4.80	
			For >25 To 100 LF, Add	2.40	
			For >1,000 LF, Deduct	-0.41	
07 71 13 00-0024	LF		>14" To 16" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....	33.77	2.68
			For Up To 25 LF, Add	5.17	
			For >25 To 100 LF, Add	2.58	
			For >1,000 LF, Deduct	-0.45	
07 71 13 00-0025	LF		>16" To 22" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....	40.46	2.82
			For Up To 25 LF, Add	5.93	
			For >25 To 100 LF, Add	2.96	
			For >1,000 LF, Deduct	-0.47	
07 71 13 00-0026	LF		>22" To 30" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....	50.50	3.09
			For Up To 25 LF, Add	7.11	
			For >25 To 100 LF, Add	3.56	
			For >1,000 LF, Deduct	-0.52	
07 71 13 00-0027	LF		>30" To 42" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats.....	65.26	3.23
			For Up To 25 LF, Add	8.68	
			For >25 To 100 LF, Add	4.34	
			For >1,000 LF, Deduct	-0.54	

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 00-0028			KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats (07 71 13 00-0028) 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	37.67	2.48
			For Up To 25 LF, Add	5.42	
			For >25 To 100 LF, Add	2.71	
			For >1,000 LF, Deduct	-0.41	
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	40.19	2.68
			For Up To 25 LF, Add	5.81	
			For >25 To 100 LF, Add	2.90	
			For >1,000 LF, Deduct	-0.45	
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	47.05	2.82
			For Up To 25 LF, Add	6.59	
			For >25 To 100 LF, Add	3.29	
			For >1,000 LF, Deduct	-0.47	
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	56.35	3.09
			For Up To 25 LF, Add	7.70	
			For >25 To 100 LF, Add	3.85	
			For >1,000 LF, Deduct	-0.52	
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	70.42	3.23
			For Up To 25 LF, Add	9.20	
			For >25 To 100 LF, Add	4.60	
			For >1,000 LF, Deduct	-0.54	
07 71 13 00-0035			0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats (07 71 13 00-0028)		
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	41.03	2.48
			For Up To 25 LF, Add	5.76	
			For >25 To 100 LF, Add	2.88	
			For >1,000 LF, Deduct	-0.41	
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	43.76	2.68
			For Up To 25 LF, Add	6.16	
			For >25 To 100 LF, Add	3.08	
			For >1,000 LF, Deduct	-0.45	
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	51.28	2.82
			For Up To 25 LF, Add	7.01	
			For >25 To 100 LF, Add	3.50	
			For >1,000 LF, Deduct	-0.47	
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	61.47	3.09
			For Up To 25 LF, Add	8.21	
			For >25 To 100 LF, Add	4.11	
			For >1,000 LF, Deduct	-0.52	
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	76.93	3.23
			For Up To 25 LF, Add	9.85	
			For >25 To 100 LF, Add	4.92	
			For >1,000 LF, Deduct	-0.54	
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	43.78	2.48
			For Up To 25 LF, Add	6.03	
			For >25 To 100 LF, Add	3.02	
			For >1,000 LF, Deduct	-0.41	
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	46.95	2.68
			For Up To 25 LF, Add	6.48	
			For >25 To 100 LF, Add	3.24	
			For >1,000 LF, Deduct	-0.45	
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	56.55	2.82
			For Up To 25 LF, Add	7.54	
			For >25 To 100 LF, Add	3.77	
			For >1,000 LF, Deduct	-0.47	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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	70.91	3.09
			For Up To 25 LF, Add	9.16	
			For >25 To 100 LF, Add	4.58	
			For >1,000 LF, Deduct	-0.52	
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	92.20	3.23
			For Up To 25 LF, Add	11.38	
			For >25 To 100 LF, Add	5.69	
			For >1,000 LF, Deduct	-0.54	
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	39.69	2.48
			For Up To 25 LF, Add	5.62	
			For >25 To 100 LF, Add	2.81	
			For >1,000 LF, Deduct	-0.41	
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	42.33	2.68
			For Up To 25 LF, Add	6.02	
			For >25 To 100 LF, Add	3.01	
			For >1,000 LF, Deduct	-0.45	
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	49.59	2.82
			For Up To 25 LF, Add	6.84	
			For >25 To 100 LF, Add	3.42	
			For >1,000 LF, Deduct	-0.47	
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	59.43	3.09
			For Up To 25 LF, Add	8.01	
			For >25 To 100 LF, Add	4.00	
			For >1,000 LF, Deduct	-0.52	
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	74.33	3.23
			For Up To 25 LF, Add	9.59	
			For >25 To 100 LF, Add	4.79	
			For >1,000 LF, Deduct	-0.54	
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	43.24	2.48
			For Up To 25 LF, Add	5.98	
			For >25 To 100 LF, Add	2.99	
			For >1,000 LF, Deduct	-0.41	
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	46.12	2.68
			For Up To 25 LF, Add	6.40	
			For >25 To 100 LF, Add	3.20	
			For >1,000 LF, Deduct	-0.45	
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	54.08	2.82
			For Up To 25 LF, Add	7.29	
			For >25 To 100 LF, Add	3.64	
			For >1,000 LF, Deduct	-0.47	
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	64.85	3.09
			For Up To 25 LF, Add	8.55	
			For >25 To 100 LF, Add	4.27	
			For >1,000 LF, Deduct	-0.52	
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	81.22	3.23
			For Up To 25 LF, Add	10.28	
			For >25 To 100 LF, Add	5.14	
			For >1,000 LF, Deduct	-0.54	
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	46.16	2.48
			For Up To 25 LF, Add	6.27	
			For >25 To 100 LF, Add	3.13	
			For >1,000 LF, Deduct	-0.41	

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 00-0062	LF		>14" To 16" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats.....	49.50	2.68
			For Up To 25 LF, Add.....	6.74	
			For >25 To 100 LF, Add.....	3.37	
			For >1,000 LF, Deduct.....	-0.45	
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.....	59.66	2.82
			For Up To 25 LF, Add.....	7.85	
			For >25 To 100 LF, Add.....	3.92	
			For >1,000 LF, Deduct.....	-0.47	
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.....	74.85	3.09
			For Up To 25 LF, Add.....	9.55	
			For >25 To 100 LF, Add.....	4.77	
			For >1,000 LF, Deduct.....	-0.52	
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.....	97.40	3.23
			For Up To 25 LF, Add.....	11.90	
			For >25 To 100 LF, Add.....	5.95	
			For >1,000 LF, Deduct.....	-0.54	
07 71 13 00-0066			Removal And Reinstallation Of Metal Coping (07 71 13)		
07 71 13 00-0067	LF		Removal And Reinstallation Of Metal Coping.....	8.23	
			For Up To 25 LF, Add.....	4.12	
			For >25 To 100 LF, Add.....	2.06	
			For >1,000 LF, Deduct.....	-0.82	
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)		
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.....	38.72	1.95
			For Up To 25 LF, Add.....	6.16	
			For >25 To 100 LF, Add.....	3.08	
			For >1,000 LF, Deduct.....	-0.57	
07 71 19 00-0007	LF		>6" To 10" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	40.03	2.29
			For Up To 25 LF, Add.....	6.71	
			For >25 To 100 LF, Add.....	3.36	
			For >1,000 LF, Deduct.....	-0.68	
07 71 19 00-0008	LF		>10" To 18" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	41.37	2.52
			For Up To 25 LF, Add.....	7.21	
			For >25 To 100 LF, Add.....	3.60	
			For >1,000 LF, Deduct.....	-0.77	
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.....	41.15	1.95
			For Up To 25 LF, Add.....	6.41	
			For >25 To 100 LF, Add.....	3.20	
			For >1,000 LF, Deduct.....	-0.57	
07 71 19 00-0011	LF		>6" To 10" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	42.56	2.29
			For Up To 25 LF, Add.....	6.96	
			For >25 To 100 LF, Add.....	3.48	
			For >1,000 LF, Deduct.....	-0.68	
07 71 19 00-0012	LF		>10" To 18" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	44.04	2.52
			For Up To 25 LF, Add.....	7.48	
			For >25 To 100 LF, Add.....	3.74	
			For >1,000 LF, Deduct.....	-0.77	
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.....	44.31	1.95
			For Up To 25 LF, Add.....	6.72	
			For >25 To 100 LF, Add.....	3.36	
			For >1,000 LF, Deduct.....	-0.57	
07 71 19 00-0015	LF		>6" To 10" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	45.59	2.29
			For Up To 25 LF, Add.....	7.27	
			For >25 To 100 LF, Add.....	3.63	
			For >1,000 LF, Deduct.....	-0.68	
07 71 19 00-0016	LF		>10" To 18" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	47.41	2.52
			For Up To 25 LF, Add.....	7.81	
			For >25 To 100 LF, Add.....	3.91	
			For >1,000 LF, Deduct.....	-0.77	
07 71 19 00-0017			0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop (07 71 19 00-0004)		



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0018	LF	4" To 6" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	46.46	1.95	
		For Up To 25 LF, Add	6.94		
		For >25 To 100 LF, Add	3.47		
		For >1,000 LF, Deduct	-0.57		
07 71 19 00-0019	LF	>6" To 10" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	47.82	2.29	
		For Up To 25 LF, Add	7.49		
		For >25 To 100 LF, Add	3.75		
		For >1,000 LF, Deduct	-0.68		
07 71 19 00-0020	LF	>10" To 18" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	49.76	2.52	
		For Up To 25 LF, Add	8.05		
		For >25 To 100 LF, Add	4.02		
		For >1,000 LF, Deduct	-0.77		
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	25.26	1.95	
		For Up To 25 LF, Add	4.82		
		For >25 To 100 LF, Add	2.41		
		For >1,000 LF, Deduct	-0.57		
07 71 19 00-0024	LF	>6" To 10" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop	27.24	2.29	
		For Up To 25 LF, Add	5.43		
		For >25 To 100 LF, Add	2.72		
		For >1,000 LF, Deduct	-0.68		
07 71 19 00-0025	LF	>10" To 18" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop	29.23	2.52	
		For Up To 25 LF, Add	6.00		
		For >25 To 100 LF, Add	3.00		
		For >1,000 LF, Deduct	-0.77		
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	27.28	1.95	
		For Up To 25 LF, Add	5.02		
		For >25 To 100 LF, Add	2.51		
		For >1,000 LF, Deduct	-0.57		
07 71 19 00-0028	LF	>6" To 10" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop	28.99	2.29	
		For Up To 25 LF, Add	5.61		
		For >25 To 100 LF, Add	2.80		
		For >1,000 LF, Deduct	-0.68		
07 71 19 00-0029	LF	>10" To 18" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop	30.57	2.52	
		For Up To 25 LF, Add	6.13		
		For >25 To 100 LF, Add	3.06		
		For >1,000 LF, Deduct	-0.77		
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	29.30	1.95	
		For Up To 25 LF, Add	5.22		
		For >25 To 100 LF, Add	2.61		
		For >1,000 LF, Deduct	-0.57		
07 71 19 00-0032	LF	>6" To 10" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop	31.01	2.29	
		For Up To 25 LF, Add	5.81		
		For >25 To 100 LF, Add	2.90		
		For >1,000 LF, Deduct	-0.68		
07 71 19 00-0033	LF	>10" To 18" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop	32.76	2.52	
		For Up To 25 LF, Add	6.35		
		For >25 To 100 LF, Add	3.17		
		For >1,000 LF, Deduct	-0.77		
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	31.49	1.95	
		For Up To 25 LF, Add	5.44		
		For >25 To 100 LF, Add	2.72		
		For >1,000 LF, Deduct	-0.57		
07 71 19 00-0036	LF	>6" To 10" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop	33.03	2.29	
		For Up To 25 LF, Add	6.01		
		For >25 To 100 LF, Add	3.01		
		For >1,000 LF, Deduct	-0.68		
07 71 19 00-0037	LF	>10" To 18" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop	34.39	2.52	
		For Up To 25 LF, Add	6.51		
		For >25 To 100 LF, Add	3.26		
		For >1,000 LF, Deduct	-0.77		
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	46.19	1.95	
		For Up To 25 LF, Add	6.91		
		For >25 To 100 LF, Add	3.46		
		For >1,000 LF, Deduct	-0.57		

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 00-0041	LF		>6" To 10" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop	47.82	2.29
			For Up To 25 LF, Add	7.49	
			For >25 To 100 LF, Add	3.75	
			For >1,000 LF, Deduct	-0.68	
07 71 19 00-0042	LF		>10" To 18" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop	49.27	2.52
			For Up To 25 LF, Add	8.00	
			For >25 To 100 LF, Add	4.00	
			For >1,000 LF, Deduct	-0.77	
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	49.11	1.95
			For Up To 25 LF, Add	7.20	
			For >25 To 100 LF, Add	3.60	
			For >1,000 LF, Deduct	-0.57	
07 71 19 00-0045	LF		>6" To 10" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop	50.86	2.29
			For Up To 25 LF, Add	7.79	
			For >25 To 100 LF, Add	3.90	
			For >1,000 LF, Deduct	-0.68	
07 71 19 00-0046	LF		>10" To 18" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop	52.46	2.52
			For Up To 25 LF, Add	8.32	
			For >25 To 100 LF, Add	4.16	
			For >1,000 LF, Deduct	-0.77	
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	52.91	1.95
			For Up To 25 LF, Add	7.58	
			For >25 To 100 LF, Add	3.79	
			For >1,000 LF, Deduct	-0.57	
07 71 19 00-0049	LF		>6" To 10" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop	54.50	2.29
			For Up To 25 LF, Add	8.16	
			For >25 To 100 LF, Add	4.08	
			For >1,000 LF, Deduct	-0.68	
07 71 19 00-0050	LF		>10" To 18" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop	55.83	2.52
			For Up To 25 LF, Add	8.66	
			For >25 To 100 LF, Add	4.33	
			For >1,000 LF, Deduct	-0.77	
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	55.48	1.95
			For Up To 25 LF, Add	7.84	
			For >25 To 100 LF, Add	3.92	
			For >1,000 LF, Deduct	-0.57	
07 71 19 00-0053	LF		>6" To 10" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop	57.17	2.29
			For Up To 25 LF, Add	8.43	
			For >25 To 100 LF, Add	4.21	
			For >1,000 LF, Deduct	-0.68	
07 71 19 00-0054	LF		>10" To 18" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop	58.60	2.52
			For Up To 25 LF, Add	8.93	
			For >25 To 100 LF, Add	4.47	
			For >1,000 LF, Deduct	-0.77	
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	43.68	2.07
			For Up To 25 LF, Add	6.89	
			For >25 To 100 LF, Add	3.45	
			For >1,000 LF, Deduct	-0.63	
07 71 19 00-0059	LF		>6" To 10" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	46.43	2.47
			For Up To 25 LF, Add	7.62	
			For >25 To 100 LF, Add	3.81	
			For >1,000 LF, Deduct	-0.75	
07 71 19 00-0060	LF		>10" To 18" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	49.58	2.81
			For Up To 25 LF, Add	8.35	
			For >25 To 100 LF, Add	4.18	
			For >1,000 LF, Deduct	-0.85	
07 71 19 00-0061			0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0056)		



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0062	LF	4" To 6" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	46.11	2.07	
		For Up To 25 LF, Add	7.14		
		For >25 To 100 LF, Add	3.57		
		For >1,000 LF, Deduct	-0.63		
07 71 19 00-0063	LF	>6" To 10" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	48.96	2.47	
		For Up To 25 LF, Add	7.88		
		For >25 To 100 LF, Add	3.94		
		For >1,000 LF, Deduct	-0.75		
07 71 19 00-0064	LF	>10" To 18" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	52.25	2.81	
		For Up To 25 LF, Add	8.62		
		For >25 To 100 LF, Add	4.31		
		For >1,000 LF, Deduct	-0.85		
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	49.27	2.07	
		For Up To 25 LF, Add	7.45		
		For >25 To 100 LF, Add	3.73		
		For >1,000 LF, Deduct	-0.63		
07 71 19 00-0067	LF	>6" To 10" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	51.99	2.47	
		For Up To 25 LF, Add	8.18		
		For >25 To 100 LF, Add	4.09		
		For >1,000 LF, Deduct	-0.75		
07 71 19 00-0068	LF	>10" To 18" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	55.62	2.81	
		For Up To 25 LF, Add	8.95		
		For >25 To 100 LF, Add	4.48		
		For >1,000 LF, Deduct	-0.85		
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	51.42	2.07	
		For Up To 25 LF, Add	7.67		
		For >25 To 100 LF, Add	3.83		
		For >1,000 LF, Deduct	-0.63		
07 71 19 00-0071	LF	>6" To 10" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	54.22	2.47	
		For Up To 25 LF, Add	8.40		
		For >25 To 100 LF, Add	4.20		
		For >1,000 LF, Deduct	-0.75		
07 71 19 00-0072	LF	>10" To 18" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	57.97	2.81	
		For Up To 25 LF, Add	9.19		
		For >25 To 100 LF, Add	4.59		
		For >1,000 LF, Deduct	-0.85		
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	32.08	2.07	
		For Up To 25 LF, Add	5.73		
		For >25 To 100 LF, Add	2.87		
		For >1,000 LF, Deduct	-0.63		
07 71 19 00-0076	LF	>6" To 10" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	34.33	2.47	
		For Up To 25 LF, Add	6.41		
		For >25 To 100 LF, Add	3.21		
		For >1,000 LF, Deduct	-0.75		
07 71 19 00-0077	LF	>10" To 18" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	36.93	2.81	
		For Up To 25 LF, Add	7.09		
		For >25 To 100 LF, Add	3.54		
		For >1,000 LF, Deduct	-0.85		
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	33.76	2.07	
		For Up To 25 LF, Add	5.90		
		For >25 To 100 LF, Add	2.95		
		For >1,000 LF, Deduct	-0.63		
07 71 19 00-0080	LF	>6" To 10" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	36.08	2.47	
		For Up To 25 LF, Add	6.59		
		For >25 To 100 LF, Add	3.29		
		For >1,000 LF, Deduct	-0.75		
07 71 19 00-0081	LF	>10" To 18" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat	38.78	2.81	
		For Up To 25 LF, Add	7.27		
		For >25 To 100 LF, Add	3.64		
		For >1,000 LF, Deduct	-0.85		

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 00-0082			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.....	35.94	2.07
			For Up To 25 LF, Add	6.12	
			For >25 To 100 LF, Add	3.06	
			For >1,000 LF, Deduct	-0.63	
07 71 19 00-0084	LF		>6" To 10" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....	38.17	2.47
			For Up To 25 LF, Add	6.80	
			For >25 To 100 LF, Add	3.40	
			For >1,000 LF, Deduct	-0.75	
07 71 19 00-0085	LF		>10" To 18" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....	40.97	2.81
			For Up To 25 LF, Add	7.49	
			For >25 To 100 LF, Add	3.74	
			For >1,000 LF, Deduct	-0.85	
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.....	37.42	2.07
			For Up To 25 LF, Add	6.27	
			For >25 To 100 LF, Add	3.13	
			For >1,000 LF, Deduct	-0.63	
07 71 19 00-0088	LF		>6" To 10" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....	39.71	2.47
			For Up To 25 LF, Add	6.95	
			For >25 To 100 LF, Add	3.48	
			For >1,000 LF, Deduct	-0.75	
07 71 19 00-0089	LF		>10" To 18" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....	42.59	2.81
			For Up To 25 LF, Add	7.65	
			For >25 To 100 LF, Add	3.83	
			For >1,000 LF, Deduct	-0.85	
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.....	51.15	2.07
			For Up To 25 LF, Add	7.64	
			For >25 To 100 LF, Add	3.82	
			For >1,000 LF, Deduct	-0.63	
07 71 19 00-0093	LF		>6" To 10" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	54.23	2.47
			For Up To 25 LF, Add	8.40	
			For >25 To 100 LF, Add	4.20	
			For >1,000 LF, Deduct	-0.75	
07 71 19 00-0094	LF		>10" To 18" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	57.48	2.81
			For Up To 25 LF, Add	9.14	
			For >25 To 100 LF, Add	4.57	
			For >1,000 LF, Deduct	-0.85	
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.....	54.06	2.07
			For Up To 25 LF, Add	7.93	
			For >25 To 100 LF, Add	3.97	
			For >1,000 LF, Deduct	-0.63	
07 71 19 00-0097	LF		>6" To 10" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	57.27	2.47
			For Up To 25 LF, Add	8.71	
			For >25 To 100 LF, Add	4.35	
			For >1,000 LF, Deduct	-0.75	
07 71 19 00-0098	LF		>10" To 18" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	60.67	2.81
			For Up To 25 LF, Add	9.46	
			For >25 To 100 LF, Add	4.73	
			For >1,000 LF, Deduct	-0.85	
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.....	57.86	2.07
			For Up To 25 LF, Add	8.31	
			For >25 To 100 LF, Add	4.16	
			For >1,000 LF, Deduct	-0.63	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0101	LF		>6" To 10" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat..... For Up To 25 LF, Add For >25 To 100 LF, Add For >1,000 LF, Deduct	60.90 9.07 4.54 -0.75	2.47
07 71 19 00-0102	LF		>10" To 18" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat..... For Up To 25 LF, Add For >25 To 100 LF, Add For >1,000 LF, Deduct	64.03 9.80 4.90 -0.85	2.81
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..... For Up To 25 LF, Add For >25 To 100 LF, Add For >1,000 LF, Deduct	60.44 8.57 4.28 -0.63	2.07
07 71 19 00-0105	LF		>6" To 10" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat..... For Up To 25 LF, Add For >25 To 100 LF, Add For >1,000 LF, Deduct	63.57 9.34 4.67 -0.75	2.47
07 71 19 00-0106	LF		>10" To 18" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat..... For Up To 25 LF, Add For >25 To 100 LF, Add For >1,000 LF, Deduct	66.81 10.07 5.04 -0.85	2.81
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..... For Up To 25 LF, Add For >25 To 100 LF, Add For >1,000 LF, Deduct	37.12 6.00 3.00 -0.57	1.95
07 71 19 00-0111	LF		>6" To 10" Face Height, 26 Gauge, Stainless Steel Gravel Stop..... For Up To 25 LF, Add For >25 To 100 LF, Add For >1,000 LF, Deduct	48.78 7.59 3.79 -0.68	2.29
07 71 19 00-0112	LF		>10" To 18" Face Height, 26 Gauge, Stainless Steel Gravel Stop..... For Up To 25 LF, Add For >25 To 100 LF, Add For >1,000 LF, Deduct	72.35 10.31 5.15 -0.77	2.52
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..... For Up To 25 LF, Add For >25 To 100 LF, Add For >1,000 LF, Deduct	46.22 6.91 3.46 -0.57	1.95
07 71 19 00-0115	LF		>6" To 10" Face Height, 24 Gauge, Stainless Steel Gravel Stop..... For Up To 25 LF, Add For >25 To 100 LF, Add For >1,000 LF, Deduct	60.92 8.80 4.40 -0.68	2.29
07 71 19 00-0116	LF		>10" To 18" Face Height, 24 Gauge, Stainless Steel Gravel Stop..... For Up To 25 LF, Add For >25 To 100 LF, Add For >1,000 LF, Deduct	90.56 12.13 6.06 -0.77	2.52
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..... For Up To 25 LF, Add For >25 To 100 LF, Add For >1,000 LF, Deduct	55.90 7.88 3.94 -0.57	1.95
07 71 19 00-0119	LF		>6" To 10" Face Height, 22 Gauge, Stainless Steel Gravel Stop..... For Up To 25 LF, Add For >25 To 100 LF, Add For >1,000 LF, Deduct	73.82 10.09 5.05 -0.68	2.29
07 71 19 00-0120	LF		>10" To 18" Face Height, 22 Gauge, Stainless Steel Gravel Stop..... For Up To 25 LF, Add For >25 To 100 LF, Add For >1,000 LF, Deduct	109.91 14.06 7.03 -0.77	2.52
07 71 19 00-0121			Stainless Steel Gravel Stop System With Continuous Cleat..... (07 71 19 00-0107)		
07 71 19 00-0122			26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat..... (07 71 19 00-0121)		

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 00-0123	LF		4" To 6" Face Height, 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat.....	43.86	2.07
			For Up To 25 LF, Add	6.91	
			For >25 To 100 LF, Add	3.46	
			For >1,000 LF, Deduct	-0.63	
07 71 19 00-0124	LF		>6" To 10" Face Height, 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat.....	57.52	2.47
			For Up To 25 LF, Add	8.73	
			For >25 To 100 LF, Add	4.37	
			For >1,000 LF, Deduct	-0.75	
07 71 19 00-0125	LF		>10" To 18" Face Height, 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat.....	83.59	2.81
			For Up To 25 LF, Add	11.75	
			For >25 To 100 LF, Add	5.88	
			For >1,000 LF, Deduct	-0.85	
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.....	52.97	2.07
			For Up To 25 LF, Add	7.82	
			For >25 To 100 LF, Add	3.91	
			For >1,000 LF, Deduct	-0.63	
07 71 19 00-0128	LF		>6" To 10" Face Height, 24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat.....	69.66	2.47
			For Up To 25 LF, Add	9.95	
			For >25 To 100 LF, Add	4.97	
			For >1,000 LF, Deduct	-0.75	
07 71 19 00-0129	LF		>10" To 18" Face Height, 24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat.....	101.79	2.81
			For Up To 25 LF, Add	13.57	
			For >25 To 100 LF, Add	6.79	
			For >1,000 LF, Deduct	-0.85	
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.....	62.64	2.07
			For Up To 25 LF, Add	8.79	
			For >25 To 100 LF, Add	4.39	
			For >1,000 LF, Deduct	-0.63	
07 71 19 00-0132	LF		>6" To 10" Face Height, 22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat.....	82.56	2.47
			For Up To 25 LF, Add	11.24	
			For >25 To 100 LF, Add	5.62	
			For >1,000 LF, Deduct	-0.75	
07 71 19 00-0133	LF		>10" To 18" Face Height, 22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat.....	121.14	2.81
			For Up To 25 LF, Add	15.51	
			For >25 To 100 LF, Add	7.75	
			For >1,000 LF, Deduct	-0.85	
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)		
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.....	35.52	1.95
			For Up To 25 LF, Add	5.84	
			For >25 To 100 LF, Add	2.92	
			For >1,000 LF, Deduct	-0.57	
07 71 19 00-0139	LF		>6" To 10" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop.....	36.77	2.29
			For Up To 25 LF, Add	6.39	
			For >25 To 100 LF, Add	3.19	
			For >1,000 LF, Deduct	-0.68	
07 71 19 00-0140	LF		>10" To 18" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop.....	38.27	2.52
			For Up To 25 LF, Add	6.90	
			For >25 To 100 LF, Add	3.45	
			For >1,000 LF, Deduct	-0.77	
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.....	40.62	2.07
			For Up To 25 LF, Add	6.59	
			For >25 To 100 LF, Add	3.29	
			For >1,000 LF, Deduct	-0.63	
07 71 19 00-0145	LF		>6" To 10" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat.....	43.36	2.47
			For Up To 25 LF, Add	7.32	
			For >25 To 100 LF, Add	3.66	
			For >1,000 LF, Deduct	-0.75	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0146	LF		>10" To 18" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat.....	46.72	2.81
			For Up To 25 LF, Add	8.06	
			For >25 To 100 LF, Add	4.03	
			For >1,000 LF, Deduct	-0.85	
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.....	59.44	1.95
			For Up To 25 LF, Add	8.24	
			For >25 To 100 LF, Add	4.12	
			For >1,000 LF, Deduct	-0.57	
07 71 19 00-0151	LF		>6" To 10" Face Height, 20 Ounce, Copper Gravel Stop.....	68.07	2.29
			For Up To 25 LF, Add	9.52	
			For >25 To 100 LF, Add	4.76	
			For >1,000 LF, Deduct	-0.68	
07 71 19 00-0152	LF		>10" To 18" Face Height, 20 Ounce, Copper Gravel Stop.....	78.63	2.52
			For Up To 25 LF, Add	10.94	
			For >25 To 100 LF, Add	5.47	
			For >1,000 LF, Deduct	-0.77	
07 71 19 00-0153			16 Ounce, Copper Gravel Stop (07 71 19 00-0149)		
07 71 19 00-0154	LF		4" To 6" Face Height, 16 Ounce, Copper Gravel Stop.....	72.18	1.95
			For Up To 25 LF, Add	9.51	
			For >25 To 100 LF, Add	4.76	
			For >1,000 LF, Deduct	-0.57	
07 71 19 00-0155	LF		>6" To 10" Face Height, 16 Ounce, Copper Gravel Stop.....	83.64	2.29
			For Up To 25 LF, Add	11.07	
			For >25 To 100 LF, Add	5.54	
			For >1,000 LF, Deduct	-0.68	
07 71 19 00-0156	LF		>10" To 18" Face Height, 16 Ounce, Copper Gravel Stop.....	95.62	2.52
			For Up To 25 LF, Add	12.63	
			For >25 To 100 LF, Add	6.32	
			For >1,000 LF, Deduct	-0.77	
07 71 19 00-0157			Copper Gravel Stop System With Continuous Cleat (07 71 19 00-0147)		
			Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
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.....	61.86	2.07
			For Up To 25 LF, Add	8.71	
			For >25 To 100 LF, Add	4.36	
			For >1,000 LF, Deduct	-0.63	
07 71 19 00-0160	LF		>6" To 10" Face Height, 20 Ounce, Copper Gravel Stop System With Continuous Cleat.....	71.16	2.47
			For Up To 25 LF, Add	10.10	
			For >25 To 100 LF, Add	5.05	
			For >1,000 LF, Deduct	-0.75	
07 71 19 00-0161	LF		>10" To 18" Face Height, 20 Ounce, Copper Gravel Stop System With Continuous Cleat.....	82.55	2.81
			For Up To 25 LF, Add	11.65	
			For >25 To 100 LF, Add	5.82	
			For >1,000 LF, Deduct	-0.85	
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.....	74.60	2.07
			For Up To 25 LF, Add	9.98	
			For >25 To 100 LF, Add	4.99	
			For >1,000 LF, Deduct	-0.63	
07 71 19 00-0164	LF		>6" To 10" Face Height, 16 Ounce, Copper Gravel Stop System With Continuous Cleat.....	86.73	2.47
			For Up To 25 LF, Add	11.65	
			For >25 To 100 LF, Add	5.83	
			For >1,000 LF, Deduct	-0.75	
07 71 19 00-0165	LF		>10" To 18" Face Height, 16 Ounce, Copper Gravel Stop System With Continuous Cleat.....	99.54	2.81
			For Up To 25 LF, Add	13.35	
			For >25 To 100 LF, Add	6.67	
			For >1,000 LF, Deduct	-0.85	
07 71 19 00-0166			Fascia (07 71 19)		
07 71 19 00-0167			Snap-On Cover Fascia (07 71 19 00-0166)		
			Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
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 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 00-0171	LF	3" To 5" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Cleat	43.43	2.86
		For Up To 25 LF, Add	6.64	
		For >25 To 100 LF, Add	3.32	
		For >1,000 LF, Deduct	-0.57	
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	48.86	2.98
		For Up To 25 LF, Add	7.27	
		For >25 To 100 LF, Add	3.64	
		For >1,000 LF, Deduct	-0.60	
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	52.34	3.09
		For Up To 25 LF, Add	7.71	
		For >25 To 100 LF, Add	3.86	
		For >1,000 LF, Deduct	-0.62	
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	302.60	4.02
07 71 19 00-0177	EA	Fascia Sump For >5" To 7" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	323.21	4.02
07 71 19 00-0178	EA	Fascia Sump For >7" To 9" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	336.15	4.02
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	246.48	4.02
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	256.88	4.02
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	263.22	4.02
07 71 19 00-0183		Aluminum Snap-On Cover Fascia (07 71 19 00-0183)		
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	24.69	2.86
		For Up To 25 LF, Add	4.76	
		For >25 To 100 LF, Add	2.38	
		For >1,000 LF, Deduct	-0.57	
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	27.91	2.98
		For Up To 25 LF, Add	5.18	
		For >25 To 100 LF, Add	2.59	
		For >1,000 LF, Deduct	-0.60	
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	29.62	3.09
		For Up To 25 LF, Add	5.44	
		For >25 To 100 LF, Add	2.72	
		For >1,000 LF, Deduct	-0.62	
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	25.93	2.86
		For Up To 25 LF, Add	4.89	
		For >25 To 100 LF, Add	2.44	
		For >1,000 LF, Deduct	-0.57	
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	29.50	2.98
		For Up To 25 LF, Add	5.33	
		For >25 To 100 LF, Add	2.67	
		For >1,000 LF, Deduct	-0.60	
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	31.40	3.09
		For Up To 25 LF, Add	5.62	
		For >25 To 100 LF, Add	2.81	
		For >1,000 LF, Deduct	-0.62	
07 71 19 00-0193		Accessories For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems (07 71 19 00-0184)		



Thermal And Moisture Protection			07
Roof and Wall Specialties and Accessories			07 70
Roof Specialties			07 71

07

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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	158.87	4.02
07 71 19 00-0196	EA		Fascia Sump For >5" To 7" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	172.27	4.02
07 71 19 00-0197	EA		Fascia Sump For >7" To 9" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	178.13	4.02
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	125.84	4.02
07 71 19 00-0200	EA		Fascia Spillout Scupper For >5" To 7" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	132.52	4.02
07 71 19 00-0201	EA		Fascia Spillout Scupper For >7" To 9" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems	135.44	4.02
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	28.48	2.86
			For Up To 25 LF, Add	5.14	
			For >25 To 100 LF, Add	2.57	
			For >1,000 LF, Deduct	-0.57	
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	32.30	2.98
			For Up To 25 LF, Add	5.61	
			For >25 To 100 LF, Add	2.81	
			For >1,000 LF, Deduct	-0.60	
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	34.30	3.09
			For Up To 25 LF, Add	5.91	
			For >25 To 100 LF, Add	2.96	
			For >1,000 LF, Deduct	-0.62	
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	29.96	2.86
			For Up To 25 LF, Add	5.29	
			For >25 To 100 LF, Add	2.64	
			For >1,000 LF, Deduct	-0.57	
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	34.21	2.98
			For Up To 25 LF, Add	5.81	
			For >25 To 100 LF, Add	2.90	
			For >1,000 LF, Deduct	-0.60	
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	36.44	3.09
			For Up To 25 LF, Add	6.12	
			For >25 To 100 LF, Add	3.06	
			For >1,000 LF, Deduct	-0.62	
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	196.58	4.02
07 71 19 00-0214	EA		Fascia Sump For >5" To 7" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems	213.33	4.02
07 71 19 00-0215	EA		Fascia Sump For >7" To 9" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems	220.66	4.02
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	155.30	4.02
07 71 19 00-0218	EA		Fascia Spillout Scupper For >5" To 7" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems	163.64	4.02
07 71 19 00-0219	EA		Fascia Spillout Scupper For >7" To 9" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems	167.29	4.02
07 71 23			Manufactured Gutters and Downspouts (07 71)		
			Note: Includes all necessary support straps.		

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 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	.....	10.38	4.39
		For Up To 100', Add	2.12		
		For >100' To 250', Add	0.88		
		For >1,000', Deduct	-0.72		
		For Kynar 500® Finish, Add	1.42		
07 71 23 00-0005	LF	6", 0.027" Thick, K-Style Aluminum Gutter	.....	11.59	4.62
		For Up To 100', Add	2.30		
		For >100' To 250', Add	0.96		
		For >1,000', Deduct	-0.76		
		For Kynar 500® Finish, Add	1.80		
07 71 23 00-0006	LF	5", 0.032" Thick, K-Style Aluminum Gutter	.....	10.83	4.39
		For Up To 100', Add	2.17		
		For >100' To 250', Add	0.90		
		For >1,000', Deduct	-0.72		
		For Kynar 500® Finish, Add	1.62		
07 71 23 00-0007	LF	6", 0.032" Thick, K-Style Aluminum Gutter	.....	12.18	4.62
		For Up To 100', Add	2.36		
		For >100' To 250', Add	0.99		
		For >1,000', Deduct	-0.76		
		For Kynar 500® Finish, Add	2.07		
07 71 23 00-0008	LF	7", 0.032" Thick, K-Style Aluminum Gutter	.....	23.03	4.86
		For Up To 100', Add	3.53		
		For >100' To 250', Add	1.56		
		For >1,000', Deduct	-0.82		
		For Kynar 500® Finish, Add	6.69		
07 71 23 00-0009	LF	8", 0.032" Thick, K-Style Aluminum Gutter	.....	25.25	5.45
		For Up To 100', Add	3.88		
		For >100' To 250', Add	1.71		
		For >1,000', Deduct	-0.90		
		For Kynar 500® Finish, Add	7.31		
07 71 23 00-0010	LF	8", 0.040" Thick, K-Style Aluminum Gutter	.....	28.39	5.45
		For Up To 100', Add	4.19		
		For >100' To 250', Add	1.87		
		For >1,000', Deduct	-0.90		
		For Kynar 500® Finish, Add	8.72		
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	.....	19.46	4.39
		For Up To 100', Add	3.03		
		For >100' To 250', Add	1.33		
		For >1,000', Deduct	-0.72		
		For Kynar 500® Finish, Add	5.50		
07 71 23 00-0013	LF	6", 0.032" Thick, Half Round Aluminum Gutter	.....	23.50	4.62
		For Up To 100', Add	3.49		
		For >100' To 250', Add	1.55		
		For >1,000', Deduct	-0.76		
		For Kynar 500® Finish, Add	7.16		
07 71 23 00-0014		Box Style Aluminum Gutters (07 71 23 00-0002)			
07 71 23 00-0015	LF	6", 0.027" Thick, Box Style Aluminum Gutter	.....	20.36	5.45
		For Up To 100', Add	3.39		
		For >100' To 250', Add	1.47		
		For >1,000', Deduct	-0.90		
		For Kynar 500® Finish, Add	5.11		
07 71 23 00-0016	LF	6", 0.032" Thick, Box Style Aluminum Gutter	.....	20.41	5.45
		For Up To 100', Add	3.39		
		For >100' To 250', Add	1.47		
		For >1,000', Deduct	-0.90		
		For Kynar 500® Finish, Add	5.13		
07 71 23 00-0017	LF	7", 0.032" Thick, Box Style Aluminum Gutter	.....	23.80	5.81
		For Up To 100', Add	3.82		
		For >100' To 250', Add	1.67		
		For >1,000', Deduct	-0.96		
		For Kynar 500® Finish, Add	6.39		
07 71 23 00-0018	LF	8", 0.032" Thick, Box Style Aluminum Gutter	.....	26.92	6.16
		For Up To 100', Add	4.22		
		For >100' To 250', Add	1.86		
		For >1,000', Deduct	-1.02		
		For Kynar 500® Finish, Add	7.53		
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	.....	3.46	
		For Kynar 500® Finish, Add	0.49		



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0022	EA		6", K-Style Aluminum Gutter End Cap	4.35	
			For Kynar 500® Finish, Add	0.89	
07 71 23 00-0023	EA		7", K-Style Aluminum Gutter End Cap	9.76	
			For Kynar 500® Finish, Add	3.33	
07 71 23 00-0024	EA		8", K-Style Aluminum Gutter End Cap	11.41	
			For Kynar 500® Finish, Add	4.07	
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	5.74	
			For Kynar 500® Finish, Add	1.52	
07 71 23 00-0027	EA		6", Half Round Aluminum Gutter End Cap	9.02	
			For Kynar 500® Finish, Add	2.99	
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	10.67	
			For Kynar 500® Finish, Add	3.74	
07 71 23 00-0030	EA		7", Box Style Aluminum Gutter End Cap	11.62	
			For Kynar 500® Finish, Add	4.16	
07 71 23 00-0031	EA		8", Box Style Aluminum Gutter End Cap	13.69	
			For Kynar 500® Finish, Add	5.09	
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	20.62	
			For Kynar 500® Finish, Add	3.89	
07 71 23 00-0035	EA		6", K-Style Aluminum Gutter Miter	27.77	
			For Kynar 500® Finish, Add	6.74	
07 71 23 00-0036	EA		7", K-Style Aluminum Gutter Miter	85.70	
			For Kynar 500® Finish, Add	32.43	
07 71 23 00-0037	EA		8", K-Style Aluminum Gutter Miter	93.05	
			For Kynar 500® Finish, Add	35.31	
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	36.50	
			For Kynar 500® Finish, Add	11.04	
07 71 23 00-0040	EA		6", Half Round Aluminum Gutter Miter	57.98	
			For Kynar 500® Finish, Add	20.33	
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	69.28	
			For Kynar 500® Finish, Add	25.42	
07 71 23 00-0043	EA		7", Box Style Aluminum Gutter Miter	103.72	
			For Kynar 500® Finish, Add	40.54	
07 71 23 00-0044	EA		8", Box Style Aluminum Gutter Miter	112.66	
			For Kynar 500® Finish, Add	44.14	
07 71 23 00-0045			Aluminum Gutter Wire Strainers (07 71 23 00-0001)		
07 71 23 00-0046	EA		3" Diameter, Round Aluminum Wire Strainer	15.44	2.96
			For Kynar 500® Finish, Add	4.17	
			For 0.024" Thick, Add	1.30	
			For 0.027" Thick, Add	2.69	
			For 0.031" Thick, Add	3.89	
07 71 23 00-0047	EA		4" Diameter, Round Aluminum Wire Strainer	23.24	2.96
			For Kynar 500® Finish, Add	7.68	
			For 0.024" Thick, Add	2.39	
			For 0.027" Thick, Add	4.95	
			For 0.031" Thick, Add	7.17	
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	7.39	2.84
			For Up To 100', Add	1.20	
			For >100 To 250', Add	0.52	
			For >1,000', Deduct	-0.31	
			For Kynar 500® Finish, Add	1.94	
			For 0.024" Thick, Add	0.60	
			For 0.027" Thick, Add	1.25	
			For 0.031" Thick, Add	1.81	

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 23 00-0051	LF		4" Diameter, 0.019" Thick, Round Aluminum Downspout.....	8.41	2.84
			For Up To 100', Add	1.30	
			For >100 To 250', Add	0.57	
			For >1,000', Deduct	-0.31	
			For Kynar 500® Finish, Add	2.40	
			For 0.024" Thick, Add	0.75	
			For 0.027" Thick, Add	1.55	
			For 0.031" Thick, Add	2.24	
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.....	5.29	2.84
			For Up To 100', Add	0.99	
			For >100 To 250', Add	0.42	
			For >1,000', Deduct	-0.31	
			For Kynar 500® Finish, Add	0.99	
			For 0.024" Thick, Add	0.31	
			For 0.027" Thick, Add	0.64	
			For 0.031" Thick, Add	0.93	
07 71 23 00-0054	LF		3" x 4", 0.019" Thick, Rectangular Aluminum Downspout.....	6.58	2.84
			For Up To 100', Add	1.12	
			For >100 To 250', Add	0.48	
			For >1,000', Deduct	-0.31	
			For Kynar 500® Finish, Add	1.58	
			For 0.024" Thick, Add	0.49	
			For 0.027" Thick, Add	1.02	
			For 0.031" Thick, Add	1.47	
07 71 23 00-0055	LF		4" x 5", 0.019" Thick, Rectangular Aluminum Downspout.....	12.00	2.84
			For Up To 100', Add	1.66	
			For >100 To 250', Add	0.75	
			For >1,000', Deduct	-0.31	
			For Kynar 500® Finish, Add	4.01	
			For 0.024" Thick, Add	1.25	
			For 0.027" Thick, Add	2.59	
			For 0.031" Thick, Add	3.75	
07 71 23 00-0056			Aluminum Devices (07 71 23 00-0001)		
07 71 23 00-0057	EA		Thru-Wall Aluminum Scupper Outlet.....	255.80	25.79
			For Kynar 500® Finish, Add	76.41	
07 71 23 00-0058	EA		Aluminum Leader/Conductor Head.....	245.04	28.67
			For Kynar 500® Finish, Add	84.47	
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.....	18.55	4.15
			For Up To 100', Add	2.89	
			For >100' To 250', Add	1.27	
			For >1,000', Deduct	-0.69	
07 71 23 00-0063	LF		5", 16 Ounce, K-Style Copper Gutter.....	26.18	4.39
			For Up To 100', Add	3.70	
			For >100' To 250', Add	1.67	
			For >1,000', Deduct	-0.72	
07 71 23 00-0064	LF		6", 16 Ounce, K-Style Copper Gutter.....	31.19	4.62
			For Up To 100', Add	4.26	
			For >100' To 250', Add	1.94	
			For >1,000', Deduct	-0.76	
07 71 23 00-0065	LF		5", 20 Ounce, K-Style Copper Gutter.....	33.00	4.39
			For Up To 100', Add	4.38	
			For >100' To 250', Add	2.01	
			For >1,000', Deduct	-0.72	
07 71 23 00-0066	LF		6", 20 Ounce, K-Style Copper Gutter.....	40.84	4.62
			For Up To 100', Add	5.22	
			For >100' To 250', Add	2.42	
			For >1,000', Deduct	-0.76	
07 71 23 00-0067	LF		7", 20 Ounce, K-Style Copper Gutter.....	47.66	4.86
			For Up To 100', Add	5.99	
			For >100' To 250', Add	2.79	
			For >1,000', Deduct	-0.82	
07 71 23 00-0068	LF		8", 20 Ounce, K-Style Copper Gutter.....	52.99	5.45
			For Up To 100', Add	6.65	
			For >100' To 250', Add	3.10	
			For >1,000', Deduct	-0.90	
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.....	22.64	4.39
			For Up To 100', Add	3.35	
			For >100' To 250', Add	1.49	
			For >1,000', Deduct	-0.72	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0071	LF	6", 16 Ounce, Half Round Copper Gutter	.....	28.55	4.62
		For Up To 100', Add	.....	3.99	
		For >100' To 250', Add	.....	1.61	
		For >1,000', Deduct	.....	-0.76	
07 71 23 00-0072	LF	7", 16 Ounce, Half Round Copper Gutter	.....	47.65	4.86
		For Up To 100', Add	.....	5.99	
		For >100' To 250', Add	.....	2.79	
		For >1,000', Deduct	.....	-0.82	
07 71 23 00-0073	LF	5", 20 Ounce, Half Round Copper Gutter	.....	26.36	4.39
		For Up To 100', Add	.....	3.72	
		For >100' To 250', Add	.....	1.68	
		For >1,000', Deduct	.....	-0.72	
07 71 23 00-0074	LF	6", 20 Ounce, Half Round Copper Gutter	.....	32.50	4.62
		For Up To 100', Add	.....	4.39	
		For >100' To 250', Add	.....	2.00	
		For >1,000', Deduct	.....	-0.76	
07 71 23 00-0075	LF	7", 20 Ounce, Half Round Copper Gutter	.....	50.06	4.86
		For Up To 100', Add	.....	6.23	
		For >100' To 250', Add	.....	2.91	
		For >1,000', Deduct	.....	-0.82	
07 71 23 00-0076	LF	8", 20 Ounce, Half Round Copper Gutter	.....	56.87	5.45
		For Up To 100', Add	.....	7.04	
		For >100' To 250', Add	.....	3.29	
		For >1,000', Deduct	.....	-0.90	
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	.....	25.99	4.97
		For Up To 100', Add	.....	3.84	
		For >100' To 250', Add	.....	1.71	
		For >1,000', Deduct	.....	-0.83	
07 71 23 00-0079	LF	6", 16 Ounce, Box Style Copper Gutter	.....	27.92	5.45
		For Up To 100', Add	.....	4.14	
		For >100' To 250', Add	.....	1.85	
		For >1,000', Deduct	.....	-0.90	
07 71 23 00-0080	LF	7", 16 Ounce, Box Style Copper Gutter	.....	33.79	5.81
		For Up To 100', Add	.....	4.82	
		For >100' To 250', Add	.....	2.17	
		For >1,000', Deduct	.....	-0.96	
07 71 23 00-0081	LF	8", 16 Ounce, Box Style Copper Gutter	.....	34.53	6.16
		For Up To 100', Add	.....	4.98	
		For >100' To 250', Add	.....	2.24	
		For >1,000', Deduct	.....	-1.02	
07 71 23 00-0082	LF	5", 20 Ounce, Box Style Copper Gutter	.....	29.62	4.97
		For Up To 100', Add	.....	4.21	
		For >100' To 250', Add	.....	1.90	
		For >1,000', Deduct	.....	-0.83	
07 71 23 00-0083	LF	6", 20 Ounce, Box Style Copper Gutter	.....	31.56	5.45
		For Up To 100', Add	.....	4.51	
		For >100' To 250', Add	.....	2.03	
		For >1,000', Deduct	.....	-0.90	
07 71 23 00-0084	LF	7", 20 Ounce, Box Style Copper Gutter	.....	37.42	5.81
		For Up To 100', Add	.....	5.18	
		For >100' To 250', Add	.....	2.35	
		For >1,000', Deduct	.....	-0.96	
07 71 23 00-0085	LF	8", 20 Ounce, Box Style Copper Gutter	.....	38.16	6.16
		For Up To 100', Add	.....	5.34	
		For >100' To 250', Add	.....	2.42	
		For >1,000', Deduct	.....	-1.02	
07 71 23 00-0086		Copper Gutter End Caps (07 71 23 00-0059)			
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	.....	6.39	
07 71 23 00-0089	EA	5", K-Style Copper Gutter End Cap	.....	6.84	
07 71 23 00-0090	EA	6", K-Style Copper Gutter End Cap	.....	7.28	
07 71 23 00-0091	EA	7", K-Style Copper Gutter End Cap	.....	19.18	
07 71 23 00-0092	EA	8", K-Style Copper Gutter End Cap	.....	23.36	
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	.....	7.71	
07 71 23 00-0095	EA	5", Half Round Copper Gutter End Cap	.....	8.65	
07 71 23 00-0096	EA	6", Half Round Copper Gutter End Cap	.....	13.01	
07 71 23 00-0097	EA	7", Half Round Copper Gutter End Cap	.....	38.94	
07 71 23 00-0098	EA	8", Half Round Copper Gutter End Cap	.....	45.97	
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	.....	14.72	
07 71 23 00-0101	EA	6", Box Style Copper Gutter End Cap	.....	15.45	
07 71 23 00-0102	EA	7", Box Style Copper Gutter End Cap	.....	16.18	
07 71 23 00-0103	EA	8", Box Style Copper Gutter End Cap	.....	17.63	

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 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	40.95	
07 71 23 00-0107	EA		5", K-Style Copper Gutter Miter	46.37	
07 71 23 00-0108	EA		6", K-Style Copper Gutter Miter	66.55	
07 71 23 00-0109	EA		7", K-Style Copper Gutter Miter	93.95	
07 71 23 00-0110	EA		8", K-Style Copper Gutter Miter	110.16	
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	63.68	
07 71 23 00-0113	EA		5", Half Round Copper Gutter Miter	58.97	
07 71 23 00-0114	EA		6", Half Round Copper Gutter Miter	84.77	
07 71 23 00-0115	EA		7", Half Round Copper Gutter Miter	101.02	
07 71 23 00-0116	EA		8", Half Round Copper Gutter Miter	119.31	
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	70.03	
07 71 23 00-0119	EA		6", 16 Ounce Box Style Copper Gutter Miter	72.31	
07 71 23 00-0120	EA		7", 16 Ounce Box Style Copper Gutter Miter	78.95	
07 71 23 00-0121	EA		8", 16 Ounce Box Style Copper Gutter Miter	80.57	
07 71 23 00-0122	EA		5", 20 Ounce Box Style Copper Gutter Miter	77.29	
07 71 23 00-0123	EA		6", 20 Ounce Box Style Copper Gutter Miter	79.58	
07 71 23 00-0124	EA		7", 20 Ounce Box Style Copper Gutter Miter	86.22	
07 71 23 00-0125	EA		8", 20 Ounce Box Style Copper Gutter Miter	94.43	
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	20.19	2.96
07 71 23 00-0128	EA		3" Diameter, Round Copper Wire Strainer	24.80	2.96
07 71 23 00-0129	EA		4" Diameter, Round Copper Wire Strainer	39.84	2.96
07 71 23 00-0130	EA		5" Diameter, Round Copper Wire Strainer	52.94	2.96
07 71 23 00-0131	EA		6" Diameter, Round Copper Wire Strainer	63.92	2.96
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	26.12	2.84
			For Up To 100', Add	3.07	
			For >100 To 250', Add	1.46	
			For >1,000', Deduct	-0.31	
07 71 23 00-0135	LF		3" Diameter, 16 Ounce, Round Copper Downspout	18.26	2.84
			For Up To 100', Add	2.29	
			For >100 To 250', Add	1.07	
			For >1,000', Deduct	-0.31	
07 71 23 00-0136	LF		4" Diameter, 16 Ounce, Round Copper Downspout	22.96	2.84
			For Up To 100', Add	2.76	
			For >100 To 250', Add	1.30	
			For >1,000', Deduct	-0.31	
07 71 23 00-0137	LF		5" Diameter, 16 Ounce, Round Copper Downspout	36.57	2.84
			For Up To 100', Add	4.12	
			For >100 To 250', Add	1.98	
			For >1,000', Deduct	-0.31	
07 71 23 00-0138	LF		6" Diameter, 16 Ounce, Round Copper Downspout	46.96	2.84
			For Up To 100', Add	5.16	
			For >100 To 250', Add	2.50	
			For >1,000', Deduct	-0.31	
07 71 23 00-0139	LF		3" Diameter, 20 Ounce, Round Copper Downspout	24.63	2.84
			For Up To 100', Add	2.93	
			For >100 To 250', Add	1.39	
			For >1,000', Deduct	-0.31	
07 71 23 00-0140	LF		4" Diameter, 20 Ounce, Round Copper Downspout	31.89	2.84
			For Up To 100', Add	3.65	
			For >100 To 250', Add	1.75	
			For >1,000', Deduct	-0.31	
07 71 23 00-0141	LF		5" Diameter, 20 Ounce, Round Copper Downspout	48.37	2.84
			For Up To 100', Add	5.30	
			For >100 To 250', Add	2.57	
			For >1,000', Deduct	-0.31	
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	12.71	2.84
			For Up To 100', Add	1.73	
			For >100 To 250', Add	0.79	
			For >1,000', Deduct	-0.31	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0144	LF	4" Diameter, 16 Ounce, Square Copper Downspout	15.83	2.84	
		For Up To 100', Add	2.05		
		For >100 To 250', Add	0.95		
		For >1,000', Deduct	-0.31		
07 71 23 00-0145	LF	5" Diameter, 16 Ounce, Square Copper Downspout	22.57	2.84	
		For Up To 100', Add	2.72		
		For >100 To 250', Add	1.28		
		For >1,000', Deduct	-0.31		
07 71 23 00-0146	LF	3" Diameter, 20 Ounce, Square Copper Downspout	14.64	2.84	
		For Up To 100', Add	1.93		
		For >100 To 250', Add	0.89		
		For >1,000', Deduct	-0.31		
07 71 23 00-0147	LF	4" Diameter, 20 Ounce, Square Copper Downspout	18.54	2.84	
		For Up To 100', Add	2.32		
		For >100 To 250', Add	1.08		
		For >1,000', Deduct	-0.31		
07 71 23 00-0148	LF	5" Diameter, 20 Ounce, Square Copper Downspout	26.54	2.84	
		For Up To 100', Add	3.12		
		For >100 To 250', Add	1.48		
		For >1,000', Deduct	-0.31		
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	18.74	2.84	
		For Up To 100', Add	2.34		
		For >100 To 250', Add	1.09		
		For >1,000', Deduct	-0.31		
07 71 23 00-0151	LF	3" x 4", 16 Ounce, Rectangular Copper Downspout	23.65	2.84	
		For Up To 100', Add	2.83		
		For >100 To 250', Add	1.34		
		For >1,000', Deduct	-0.31		
07 71 23 00-0152	LF	4" x 5", 16 Ounce, Rectangular Copper Downspout	33.55	2.84	
		For Up To 100', Add	3.82		
		For >100 To 250', Add	1.83		
		For >1,000', Deduct	-0.31		
07 71 23 00-0153	LF	2" x 3", 20 Ounce, Rectangular Copper Downspout	21.79	2.84	
		For Up To 100', Add	2.64		
		For >100 To 250', Add	1.24		
		For >1,000', Deduct	-0.31		
07 71 23 00-0154	LF	3" x 4", 20 Ounce, Rectangular Copper Downspout	27.88	2.84	
		For Up To 100', Add	3.25		
		For >100 To 250', Add	1.55		
		For >1,000', Deduct	-0.31		
07 71 23 00-0155	LF	4" x 5", 20 Ounce, Rectangular Copper Downspout	39.94	2.84	
		For Up To 100', Add	4.46		
		For >100 To 250', Add	2.15		
		For >1,000', Deduct	-0.31		
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.....	217.15	25.79	
07 71 23 00-0158	EA	Copper Leader/Conductor Head.....	307.01	28.67	
07 71 23 00-0159	EA	Copper Eave Box.....	137.55	17.78	
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)			
07 71 23 00-0163	LF	5", 26 Gauge, K-Style Galvanized Steel Gutter	12.84	4.39	
		For Up To 100', Add	2.37		
		For >100' To 250', Add	1.00		
		For >1,000', Deduct	-0.72		
		For Kynar 500® Finish, Add	2.52		
		For 24 Gauge, Add	1.57		
		For 22 Gauge, Add	3.09		
07 71 23 00-0164	LF	6", 26 Gauge, K-Style Galvanized Steel Gutter	14.90	4.62	
		For Up To 100', Add	2.63		
		For >100' To 250', Add	1.12		
		For >1,000', Deduct	-0.76		
		For Kynar 500® Finish, Add	3.29		
		For 24 Gauge, Add	2.05		
		For 22 Gauge, Add	4.03		
07 71 23 00-0165	LF	7", 26 Gauge, K-Style Galvanized Steel Gutter	30.69	4.86	
		For Up To 100', Add	4.29		
		For >100' To 250', Add	1.94		
		For >1,000', Deduct	-0.82		
		For Kynar 500® Finish, Add	10.13		
		For 24 Gauge, Add	6.31		
		For 22 Gauge, Add	12.39		

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 23 00-0166	LF		8", 26 Gauge, K-Style Galvanized Steel Gutter	32.39	5.45
			For Up To 100', Add	4.59	
			For >100' To 250', Add	2.07	
			For >1,000', Deduct	-0.90	
			For Kynar 500® Finish, Add	10.52	
			For 24 Gauge, Add	6.55	
			For 22 Gauge, Add	12.86	
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	18.63	4.39
			For Up To 100', Add	2.95	
			For >100' To 250', Add	1.29	
			For >1,000', Deduct	-0.72	
			For Kynar 500® Finish, Add	5.13	
			For 24 Gauge, Add	3.19	
			For 22 Gauge, Add	6.27	
07 71 23 00-0169	LF		6", 26 Gauge, Half Round Galvanized Steel Gutter	23.43	4.62
			For Up To 100', Add	3.48	
			For >100' To 250', Add	1.55	
			For >1,000', Deduct	-0.76	
			For Kynar 500® Finish, Add	7.13	
			For 24 Gauge, Add	4.44	
			For 22 Gauge, Add	8.72	
07 71 23 00-0170	LF		7", 26 Gauge, Half Round Galvanized Steel Gutter	58.66	4.86
			For Up To 100', Add	7.09	
			For >100' To 250', Add	3.34	
			For >1,000', Deduct	-0.82	
			For Kynar 500® Finish, Add	22.72	
			For 24 Gauge, Add	14.14	
			For 22 Gauge, Add	27.77	
07 71 23 00-0171	LF		8", 26 Gauge, Half Round Galvanized Steel Gutter	62.61	5.45
			For Up To 100', Add	7.61	
			For >100' To 250', Add	3.58	
			For >1,000', Deduct	-0.90	
			For Kynar 500® Finish, Add	24.12	
			For 24 Gauge, Add	15.01	
			For 22 Gauge, Add	29.48	
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	22.29	4.97
			For Up To 100', Add	3.47	
			For >100' To 250', Add	1.53	
			For >1,000', Deduct	-0.83	
			For Kynar 500® Finish, Add	6.30	
			For 22 Gauge, Add	3.08	
07 71 23 00-0174	LF		6", 24 Gauge, Box Style Galvanized Steel Gutter	26.13	5.45
			For Up To 100', Add	3.96	
			For >100' To 250', Add	1.76	
			For >1,000', Deduct	-0.90	
			For Kynar 500® Finish, Add	7.70	
			For 22 Gauge, Add	3.77	
07 71 23 00-0175	LF		7", 24 Gauge, Box Style Galvanized Steel Gutter	32.92	4.86
			For Up To 100', Add	4.52	
			For >100' To 250', Add	2.05	
			For >1,000', Deduct	-0.82	
			For Kynar 500® Finish, Add	11.14	
			For 22 Gauge, Add	5.45	
07 71 23 00-0176	LF		8", 24 Gauge, Box Style Galvanized Steel Gutter	36.60	6.16
			For Up To 100', Add	5.19	
			For >100' To 250', Add	2.34	
			For >1,000', Deduct	-1.02	
			For Kynar 500® Finish, Add	11.88	
			For 22 Gauge, Add	5.81	
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	5.73	
			For Kynar 500® Finish, Add	1.51	
07 71 23 00-0180	EA		6", K-Style Galvanized Steel Gutter End Cap	6.61	
			For Kynar 500® Finish, Add	1.91	
07 71 23 00-0181	EA		7", K-Style Galvanized Steel Gutter End Cap	14.46	
			For Kynar 500® Finish, Add	5.44	
07 71 23 00-0182	EA		8", K-Style Galvanized Steel Gutter End Cap	21.01	
			For Kynar 500® Finish, Add	8.39	
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	7.39	
			For Kynar 500® Finish, Add	2.26	
07 71 23 00-0185	EA		6", Half Round Galvanized Steel Gutter End Cap	8.52	
			For Kynar 500® Finish, Add	2.77	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0186	EA		7", Half Round Galvanized Steel Gutter End Cap..... <i>For Kynar 500® Finish, Add</i>	15.96 6.12	
07 71 23 00-0187	EA		8", Half Round Galvanized Steel Gutter End Cap..... <i>For Kynar 500® Finish, Add</i>	21.60 8.65	
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 <i>For Kynar 500® Finish, Add</i>	13.33 4.93	
07 71 23 00-0190	EA		6", Box Style Galvanized Steel Gutter End Cap <i>For Kynar 500® Finish, Add</i>	16.07 6.17	
07 71 23 00-0191	EA		7", Box Style Galvanized Steel Gutter End Cap <i>For Kynar 500® Finish, Add</i>	18.01 7.04	
07 71 23 00-0192	EA		8", Box Style Galvanized Steel Gutter End Cap <i>For Kynar 500® Finish, Add</i>	24.16 9.81	
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..... <i>For Kynar 500® Finish, Add</i>	34.74 10.25	
07 71 23 00-0196	EA		6", K-Style Galvanized Steel Gutter Miter..... <i>For Kynar 500® Finish, Add</i>	56.36 19.60	
07 71 23 00-0197	EA		7", K-Style Galvanized Steel Gutter Miter..... <i>For Kynar 500® Finish, Add</i>	90.24 34.47	
07 71 23 00-0198	EA		8", K-Style Galvanized Steel Gutter Miter..... <i>For Kynar 500® Finish, Add</i>	101.45 39.09	
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..... <i>For Kynar 500® Finish, Add</i>	47.61 16.04	
07 71 23 00-0201	EA		6", Half Round Galvanized Steel Gutter Miter..... <i>For Kynar 500® Finish, Add</i>	53.52 18.32	
07 71 23 00-0202	EA		7", Half Round Galvanized Steel Gutter Miter..... <i>For Kynar 500® Finish, Add</i>	152.09 62.31	
07 71 23 00-0203	EA		8", Half Round Galvanized Steel Gutter Miter..... <i>For Kynar 500® Finish, Add</i>	160.73 65.77	
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 <i>For Kynar 500® Finish, Add</i>	45.03 14.88	
07 71 23 00-0206	EA		6", Box Style Galvanized Steel Gutter Miter <i>For Kynar 500® Finish, Add</i>	73.40 27.27	
07 71 23 00-0207	EA		7", Box Style Galvanized Steel Gutter Miter <i>For Kynar 500® Finish, Add</i>	95.37 36.78	
07 71 23 00-0208	EA		8", Box Style Galvanized Steel Gutter Miter <i>For Kynar 500® Finish, Add</i>	101.45 39.09	
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..... <i>For Kynar 500® Finish, Add</i>	13.55 3.32	2.96
07 71 23 00-0211	EA		4" Diameter, Round Galvanized Steel Wire Strainer..... <i>For Kynar 500® Finish, Add</i>	19.84 6.15	2.96
07 71 23 00-0212			Galvanized Steel Downspouts (07 71 23 00-0160) Note: Includes elbows, hangers and fasteners.		
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..... <i>For Up To 100', Add</i> <i>For >100 To 250', Add</i> <i>For >1,000', Deduct</i> <i>For Kynar 500® Finish, Add</i> <i>For 24 Gauge, Add</i> <i>For 22 Gauge, Add</i>	7.17 1.18 0.51 -0.31 1.84 1.15 2.25	2.84
07 71 23 00-0215	LF		4" Diameter, 26 Gauge, Round Galvanized Steel Downspout..... <i>For Up To 100', Add</i> <i>For >100 To 250', Add</i> <i>For >1,000', Deduct</i> <i>For Kynar 500® Finish, Add</i> <i>For 24 Gauge, Add</i> <i>For 22 Gauge, Add</i>	8.93 1.36 0.60 -0.31 2.63 1.64 3.22	2.84

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 23 00-0216	LF		5" Diameter, 26 Gauge, Round Galvanized Steel Downspout.....	12.17	2.84
			For Up To 100', Add	1.68	
			For >100 To 250', Add	0.76	
			For >1,000', Deduct	-0.31	
			For Kynar 500® Finish, Add	4.09	
			For 24 Gauge, Add	2.55	
			For 22 Gauge, Add	5.00	
07 71 23 00-0217	LF		6" Diameter, 26 Gauge, Round Galvanized Steel Downspout.....	27.13	2.84
			For Up To 100', Add	3.18	
			For >100 To 250', Add	1.51	
			For >1,000', Deduct	-0.31	
			For Kynar 500® Finish, Add	10.82	
			For 24 Gauge, Add	6.73	
			For 22 Gauge, Add	13.23	
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	8.15	2.84
			For Up To 100', Add	1.28	
			For >100 To 250', Add	0.56	
			For >1,000', Deduct	-0.31	
			For Kynar 500® Finish, Add	2.28	
			For 24 Gauge, Add	1.42	
			For 22 Gauge, Add	2.79	
07 71 23 00-0220	LF		5" x 5", 26 Gauge, Square Galvanized Steel Downspout	10.46	2.84
			For Up To 100', Add	1.51	
			For >100 To 250', Add	0.68	
			For >1,000', Deduct	-0.31	
			For Kynar 500® Finish, Add	3.32	
			For 24 Gauge, Add	2.07	
			For 22 Gauge, Add	4.06	
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.....	7.31	2.84
			For Up To 100', Add	1.19	
			For >100 To 250', Add	0.52	
			For >1,000', Deduct	-0.31	
			For Kynar 500® Finish, Add	1.90	
			For 24 Gauge, Add	1.18	
			For 22 Gauge, Add	2.33	
07 71 23 00-0223	LF		3" x 4", 26 Gauge, Rectangular Galvanized Steel Downspout.....	9.33	2.84
			For Up To 100', Add	1.40	
			For >100 To 250', Add	0.62	
			For >1,000', Deduct	-0.31	
			For Kynar 500® Finish, Add	2.81	
			For 24 Gauge, Add	1.75	
			For 22 Gauge, Add	3.44	
07 71 23 00-0224	LF		4" x 5", 26 Gauge, Rectangular Galvanized Steel Downspout.....	17.37	2.84
			For Up To 100', Add	2.20	
			For >100 To 250', Add	1.02	
			For >1,000', Deduct	-0.31	
			For Kynar 500® Finish, Add	6.43	
			For 24 Gauge, Add	4.00	
			For 22 Gauge, Add	7.86	
07 71 23 00-0225			Galvanized Steel Devices (07 71 23 00-0160)		
07 71 23 00-0226	EA		Galvanized Steel Leader/Conductor Head.....	318.90	28.67
			For Kynar 500® Finish, Add	117.71	
07 71 23 00-0227	EA		Thru-Wall Galvanized Steel Scupper Outlet	192.47	25.79
			For Kynar 500® Finish, Add	47.92	
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.		
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.....	28.43	4.39
			For Up To 100', Add	3.93	
			For >100' To 250', Add	1.78	
			For >1,000', Deduct	-0.72	
			For 316 Stainless Steel, Add	8.06	
			For 24 Gauge, Add	7.00	
			For 22 Gauge, Add	13.99	
			For 20 Gauge, Add	20.99	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0232	LF		6", 26 Gauge, K-Style Stainless Steel Gutter.....	34.09	4.62
			For Up To 100', Add	4.55	
			For >100' To 250', Add	2.08	
			For >1,000', Deduct	-0.76	
			For 316 Stainless Steel, Add	10.07	
			For 24 Gauge, Add	8.75	
			For 22 Gauge, Add	17.50	
			For 20 Gauge, Add	26.24	
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	39.33	4.39
			For Up To 100', Add	5.02	
			For >100' To 250', Add	2.33	
			For >1,000', Deduct	-0.72	
			For 316 Stainless Steel, Add	12.20	
			For 24 Gauge, Add	10.59	
			For 22 Gauge, Add	21.19	
			For 20 Gauge, Add	31.78	
07 71 23 00-0235	LF		6", 26 Gauge, Half Round Stainless Steel Gutter	47.64	4.62
			For Up To 100', Add	5.90	
			For >100' To 250', Add	2.76	
			For >1,000', Deduct	-0.76	
			For 316 Stainless Steel, Add	15.22	
			For 24 Gauge, Add	13.22	
			For 22 Gauge, Add	26.44	
			For 20 Gauge, Add	39.66	
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	38.53	4.97
			For Up To 100', Add	5.10	
			For >100' To 250', Add	2.34	
			For >1,000', Deduct	-0.83	
			For 316 Stainless Steel, Add	11.49	
			For 24 Gauge, Add	9.98	
			For 22 Gauge, Add	19.95	
			For 20 Gauge, Add	29.93	
			For 18 Gauge, Add	50.18	
			For Seamless Gutter, Add	-0.27	
07 71 23 00-0238	LF		6", 26 Gauge, Box Style Stainless Steel Gutter	46.99	5.45
			For Up To 100', Add	6.05	
			For >100' To 250', Add	2.80	
			For >1,000', Deduct	-0.90	
			For 316 Stainless Steel, Add	14.43	
			For 24 Gauge, Add	12.53	
			For 22 Gauge, Add	25.07	
			For 20 Gauge, Add	37.60	
			For 18 Gauge, Add	63.05	
			For Seamless Gutter, Add	-0.55	
07 71 23 00-0239	LF		7", 26 Gauge, Box Style Stainless Steel Gutter	55.48	5.81
			For Up To 100', Add	6.99	
			For >100' To 250', Add	3.25	
			For >1,000', Deduct	-0.96	
			For 316 Stainless Steel, Add	17.44	
			For 24 Gauge, Add	15.14	
			For 22 Gauge, Add	30.29	
			For 20 Gauge, Add	45.43	
			For 18 Gauge, Add	76.18	
			For Seamless Gutter, Add	-0.86	
07 71 23 00-0240	LF		8", 26 Gauge, Box Style Stainless Steel Gutter	60.33	6.16
			For Up To 100', Add	7.56	
			For >100' To 250', Add	3.53	
			For >1,000', Deduct	-1.02	
			For 316 Stainless Steel, Add	19.05	
			For 24 Gauge, Add	16.55	
			For 22 Gauge, Add	33.09	
			For 20 Gauge, Add	49.64	
			For 18 Gauge, Add	83.23	
			For Seamless Gutter, Add	-0.98	
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	9.00	
			For 316 Stainless Steel, Add	2.52	
07 71 23 00-0244	EA		6", K-Style Stainless Steel Gutter End Cap	10.33	
			For 316 Stainless Steel, Add	3.02	
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	10.66	
			For 316 Stainless Steel, Add	3.15	

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 23 00-0247	EA		6", Half Round Stainless Steel Gutter End Cap	12.32	
			<i>For 316 Stainless Steel, Add</i>	3.78	
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	11.25	
			<i>For 316 Stainless Steel, Add</i>	3.15	
07 71 23 00-0250	EA		6", Box Style Stainless Steel Gutter End Cap	12.91	
			<i>For 316 Stainless Steel, Add</i>	3.78	
07 71 23 00-0251	EA		7", Box Style Stainless Steel Gutter End Cap	13.50	
			<i>For 316 Stainless Steel, Add</i>	4.08	
07 71 23 00-0252	EA		8", Box Style Stainless Steel Gutter End Cap	16.38	
			<i>For 316 Stainless Steel, Add</i>	5.03	
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	46.23	
			<i>For 316 Stainless Steel, Add</i>	13.02	
07 71 23 00-0256	EA		6", K-Style Stainless Steel Gutter Miter	73.59	
			<i>For 316 Stainless Steel, Add</i>	23.10	
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	112.55	
			<i>For 316 Stainless Steel, Add</i>	38.22	
07 71 23 00-0259	EA		6", Half Round Stainless Steel Gutter Miter	137.65	
			<i>For 316 Stainless Steel, Add</i>	47.44	
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	53.08	
			<i>For 316 Stainless Steel, Add</i>	15.62	
07 71 23 00-0262	EA		6", Box-Style Stainless Steel Gutter Miter	85.75	
			<i>For 316 Stainless Steel, Add</i>	27.72	
07 71 23 00-0263	EA		7", Box-Style Stainless Steel Gutter Miter	98.73	
			<i>For 316 Stainless Steel, Add</i>	32.34	
07 71 23 00-0264	EA		8", Box-Style Stainless Steel Gutter Miter	111.84	
			<i>For 316 Stainless Steel, Add</i>	36.96	
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	45.87	2.96
07 71 23 00-0267	EA		4" Diameter, Round Stainless Steel Wire Strainer	46.96	2.96
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	16.78	2.84
			<i>For Up To 100', Add</i>	2.14	
			<i>For >100 To 250', Add</i>	0.99	
			<i>For >1,000', Deduct</i>	-0.31	
			<i>For 316 Stainless Steel, Add</i>	5.21	
			<i>For 24 Gauge, Add</i>	4.52	
			<i>For 22 Gauge, Add</i>	9.04	
			<i>For 20 Gauge, Add</i>	13.56	
07 71 23 00-0271	LF		4" Diameter, 26 Gauge, Round Stainless Steel Downspout	22.09	2.84
			<i>For Up To 100', Add</i>	2.67	
			<i>For >100 To 250', Add</i>	1.26	
			<i>For >1,000', Deduct</i>	-0.31	
			<i>For 316 Stainless Steel, Add</i>	7.22	
			<i>For 24 Gauge, Add</i>	6.27	
			<i>For 22 Gauge, Add</i>	12.55	
			<i>For 20 Gauge, Add</i>	18.82	
07 71 23 00-0272	LF		5" Diameter, 26 Gauge, Round Stainless Steel Downspout	32.12	2.84
			<i>For Up To 100', Add</i>	3.67	
			<i>For >100 To 250', Add</i>	1.76	
			<i>For >1,000', Deduct</i>	-0.31	
			<i>For 316 Stainless Steel, Add</i>	11.04	
			<i>For 24 Gauge, Add</i>	9.58	
			<i>For 22 Gauge, Add</i>	19.17	
			<i>For 20 Gauge, Add</i>	28.75	
07 71 23 00-0273			Rectangular Stainless Steel Downspouts (07 71 23 00-0268)		



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0274	LF	2" x 3", 26 Gauge, Rectangular Stainless Steel Downspout.....	17.17	2.84	
		For Up To 100', Add	2.18		
		For >100 To 250', Add	1.01		
		For >1,000', Deduct	-0.31		
		For 316 Stainless Steel, Add	5.35		
		For 24 Gauge, Add	4.65		
		For 22 Gauge, Add	9.30		
		For 20 Gauge, Add	13.95		
		For 18 Gauge, Add	23.39		
07 71 23 00-0275	LF	3" x 4", 26 Gauge, Rectangular Stainless Steel Downspout.....	22.89	2.84	
		For Up To 100', Add	2.75		
		For >100 To 250', Add	1.30		
		For >1,000', Deduct	-0.31		
		For 316 Stainless Steel, Add	7.53		
		For 24 Gauge, Add	6.54		
		For 22 Gauge, Add	13.07		
		For 20 Gauge, Add	19.61		
		For 18 Gauge, Add	32.88		
07 71 23 00-0276	LF	4" x 5", 26 Gauge, Rectangular Stainless Steel Downspout.....	29.57	2.84	
		For Up To 100', Add	3.42		
		For >100 To 250', Add	1.63		
		For >1,000', Deduct	-0.31		
		For 316 Stainless Steel, Add	10.07		
		For 24 Gauge, Add	8.74		
		For 22 Gauge, Add	17.48		
		For 20 Gauge, Add	26.23		
		For 18 Gauge, Add	43.97		
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.....	268.89	26.66	
		For 316 Stainless Steel, Add	68.41		
07 71 23 00-0279	EA	Stainless Steel Leader/Conductor Head.....	425.46	26.66	
		For 316 Stainless Steel, Add	139.16		
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.....	11.61	2.96	
		For Up To 100', Add	1.90		
		For >100' To 250', Add	0.83		
		For >1,000', Deduct	-0.49		
07 71 23 00-0284	LF	5", K-Style Vinyl Gutter.....	15.04	2.96	
		For Up To 100', Add	2.25		
		For >100' To 250', Add	1.00		
		For >1,000', Deduct	-0.49		
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.....	12.00	2.96	
		For Up To 100', Add	1.94		
		For >100' To 250', Add	0.85		
		For >1,000', Deduct	-0.49		
07 71 23 00-0287	LF	5", Half Round Vinyl Gutter.....	12.63	2.96	
		For Up To 100', Add	2.00		
		For >100' To 250', Add	0.88		
		For >1,000', Deduct	-0.49		
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.....	7.21		
07 71 23 00-0291	EA	5", K-Style Vinyl Gutter End Cap.....	10.06		
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.....	8.26		
07 71 23 00-0294	EA	5", Half Round Vinyl Gutter End Cap.....	7.79		
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.....	18.05		
07 71 23 00-0298	EA	5", K-Style Vinyl Gutter Miter.....	27.25		
07 71 23 00-0299		Half Round, Vinyl Gutter Miters (07 71 23 00-0295)			

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 23 00-0300	EA	4", Half Round Vinyl Gutter Miter	18.05	
07 71 23 00-0301	EA	5", Half Round Vinyl Gutter Miter	19.64	
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.....	7.63	2.84
		For Up To 100', Add	1.23	
		For >100 To 250', Add	0.54	
		For >1,000', Deduct	-0.31	
07 71 23 00-0305	LF	3" Diameter, Round Vinyl Downspout.....	7.97	2.84
		For Up To 100', Add	1.26	
		For >100 To 250', Add	0.55	
		For >1,000', Deduct	-0.31	
07 71 23 00-0306		Square Vinyl Downspouts (07 71 23 00-0302)		
07 71 23 00-0307	LF	2-1/2", Square Vinyl Downspout	7.49	2.84
		For Up To 100', Add	1.21	
		For >100 To 250', Add	0.53	
		For >1,000', Deduct	-0.31	
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.....	9.64	2.84
		For Up To 100', Add	1.43	
		For >100 To 250', Add	0.64	
		For >1,000', Deduct	-0.31	
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.....	337.61	4.27
07 71 23 00-0313	EA	3" x 4" x 18" Long, Cast Iron Roof Drainage Downspout Boot.....	440.37	4.27
07 71 23 00-0314	EA	4" x 5" x 24" Long, Cast Iron Roof Drainage Downspout Boot.....	525.82	4.27
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	584.03	4.27
07 71 23 00-0317	EA	4" x 5" x 24" Long, Cast Iron Roof Drainage Downspout Boot With Cleanout	713.71	4.27
07 71 23 00-0318	EA	5" x 7" x 30" Long, Cast Iron Roof Drainage Downspout Boot With Cleanout	1,296.09	4.27
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).....	1,162.54	27.70
		For Polished Brass Finish (-PB), Add	110.71	
		For Chrome Plated Finish (-CP), Add	166.07	
		For Vandal Proof (-U), Add	55.36	
07 71 23 00-0321	EA	4" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-04).....	1,181.00	36.94
		For Polished Brass Finish (-PB), Add	110.71	
		For Chrome Plated Finish (-CP), Add	166.07	
		For Vandal Proof (-U), Add	55.36	
07 71 23 00-0322	EA	6" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-06).....	1,269.46	50.08
		For Polished Brass Finish (-PB), Add	116.93	
		For Chrome Plated Finish (-CP), Add	175.40	
		For Vandal Proof (-U), Add	58.47	
07 71 23 00-0323	EA	8" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-08).....	1,352.02	63.24
		For Polished Brass Finish (-PB), Add	122.56	
		For Chrome Plated Finish (-CP), Add	183.83	
		For Vandal Proof (-U), Add	61.28	
07 71 23 00-0324	EA	10" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-10).....	1,452.64	77.91
		For Polished Brass Finish (-PB), Add	129.68	
		For Chrome Plated Finish (-CP), Add	194.53	
		For Vandal Proof (-U), Add	64.84	
07 71 23 00-0325	EA	12" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-12).....	1,593.13	108.76
		For Polished Brass Finish (-PB), Add	137.56	
		For Chrome Plated Finish (-CP), Add	206.34	
		For Vandal Proof (-U), Add	68.78	
07 71 23 00-0326	EA	15" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-15).....	1,755.81	151.26
		For Polished Brass Finish (-PB), Add	145.33	
		For Chrome Plated Finish (-CP), Add	218.00	
		For Vandal Proof (-U), Add	72.67	
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)	294.41	27.70
		For Nickel Bronze Finish (-NB), Add	167.30	
		For Polished Bronze Finish (-PB), Add	131.45	
		For Chrome Plated Finish (-CP), Add	212.71	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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	312.87 167.30 131.45 212.71	36.94
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	667.12 170.09 96.38 249.46	50.08
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	987.09 146.31 111.88 249.58	63.24
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	1,273.12 189.94 145.25 324.02	77.91
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	1,623.14 238.96 182.73 407.63	108.76
07 71 23 00-0334			Leaf Guards And Cleaning (07 71 23)		
07 71 23 00-0335	LF		Aluminum Mesh Gutter Leaf Guard For Up To 100', Add For >100' To 250', Add For >1,000', Deduct	3.78 0.64 0.28 -0.17	0.87
07 71 23 00-0336	LF		Vinyl Mesh Gutter Leaf Guard For Up To 100', Add For >100' To 250', Add For >1,000', Deduct	2.92 0.55 0.23 -0.17	0.87
07 71 23 00-0337	LF		6" Wide Stainless Steel Gutter Leaf Guard, 1/4" x 1/4" x 0.08" Wire For Up To 100', Add For >100' To 250', Add For >1,000', Deduct	16.67 2.00 0.94 -0.22	1.09
07 71 23 00-0338	LF		9" Wide Stainless Steel Gutter Leaf Guard, 1/4" x 1/4" x 0.08" Wire For Up To 100', Add For >100' To 250', Add For >1,000', Deduct	23.94 2.72 1.31 -0.22	1.09
07 71 23 00-0339	LF		6" Wide Stainless Steel Gutter Leaf Guard, 3/8" x 3/8" Mesh..... For Up To 100', Add For >100' To 250', Add For >1,000', Deduct	12.68 1.53 0.72 -0.17	1.09
07 71 23 00-0340	LF		9" Wide Stainless Steel Gutter Leaf Guard, 3/8" x 3/8" Mesh..... For Up To 100', Add For >100' To 250', Add For >1,000', Deduct	19.65 2.22 1.07 -0.17	1.09
07 71 23 00-0341	EA		Cleanout Roof Drain Note: Includes removing dome and flushing.	156.88	
07 71 23 00-0342	LF		Cleanout Roof Gutters And Downspouts.....	1.83	
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.....	16.58	5.10
07 71 26 00-0005	LF		26 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet.....	16.76	5.10
07 71 26 00-0006	LF		24 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet.....	17.06	5.10
07 71 26 00-0007	LF		22 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet.....	18.22	5.10
07 71 26 00-0008	LF		20 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet.....	18.88	5.10
07 71 26 00-0009	LF		18 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet.....	19.64	5.10
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.....	19.45	5.10
07 71 26 00-0012	LF		26 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet.....	19.71	5.10
07 71 26 00-0013	LF		24 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet.....	20.15	5.10
07 71 26 00-0014	LF		22 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet.....	21.83	5.10
07 71 26 00-0015	LF		20 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet.....	22.78	5.10
07 71 26 00-0016	LF		18 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet.....	23.88	5.10
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 00-0017)		
07 71 26 00-0019	LF		0.019" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet.....	15.10	5.10
07 71 26 00-0020	LF		0.025" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet.....	15.87	5.10
07 71 26 00-0021	LF		0.032" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet.....	16.65	5.10
07 71 26 00-0022	LF		0.040" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet.....	17.20	5.10

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 00-0023	LF	0.050" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet.....	18.45	5.10
07 71 26 00-0024	LF	0.063" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet.....	20.26	5.10
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.....	13.33	5.10
07 71 26 00-0027	LF	0.025" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet.....	13.82	5.10
07 71 26 00-0028	LF	0.032" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet.....	14.32	5.10
07 71 26 00-0029	LF	0.040" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet.....	14.67	5.10
07 71 26 00-0030	LF	0.050" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet.....	15.47	5.10
07 71 26 00-0031	LF	0.063" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet.....	16.62	5.10
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.....	14.74	5.10
07 71 26 00-0034	LF	0.025" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet.....	15.45	5.10
07 71 26 00-0035	LF	0.032" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet.....	16.17	5.10
07 71 26 00-0036	LF	0.040" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet.....	16.69	5.10
07 71 26 00-0037	LF	0.050" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet.....	17.84	5.10
07 71 26 00-0038	LF	0.063" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet.....	19.51	5.10
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.....	19.95	5.10
07 71 26 00-0042	LF	22 Gauge, Up To 12" Wide, Stainless Steel Counter Flashing With Reglet.....	21.25	5.10
07 71 26 00-0043	LF	20 Gauge, Up To 12" Wide, Stainless Steel Counter Flashing With Reglet.....	21.68	5.10
07 71 26 00-0044		Copper Counter Flashing With Reglet (07 71 26 00-0001)		
07 71 26 00-0045		Copper Counter Flashing With Reglet (07 71 26 00-0044)		
07 71 26 00-0046	LF	16 Ounce, Up To 12" Wide, Copper Counter Flashing With Reglet.....	55.74	5.10
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.....	949.33	233.49
		For Sloped Roofs Up To 1 In 12 Pitch, Add	65.75	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	160.68	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-29.70	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	15.41	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	39.05	
07 72 13 00-0006	EA	26" x 38" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	964.89	233.49
		For Sloped Roofs Up To 1 In 12 Pitch, Add	67.30	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	163.79	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-36.44	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	23.70	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	45.19	
07 72 13 00-0007	EA	26" x 50" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,045.64	262.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	71.73	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	176.29	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-44.54	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	30.64	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	45.68	
07 72 13 00-0008	EA	26" x 74" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,105.27	262.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	77.69	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	188.22	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-59.39	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	37.27	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	52.31	
07 72 13 00-0009	EA	26" x 98" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,149.35	262.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	82.10	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	197.04	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	19.66	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	124.94	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	137.83	



Thermal And Moisture Protection			07
Roof and Wall Specialties and Accessories			07 70
Roof Accessories			07 72

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0010	EA	26" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,398.64	291.87	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	103.38		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	243.24		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-98.56		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-1.88		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	38.94		
07 72 13 00-0011	EA	38" x 38" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	970.07	233.49	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	67.82		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	164.63		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	11.28		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	97.22		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	135.89		
07 72 13 00-0012	EA	38" x 50" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,048.23	262.68	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	71.99		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	176.81		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-56.69		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	33.53		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	70.05		
07 72 13 00-0013	EA	38" x 62" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,081.94	262.68	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	75.36		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	183.55		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-70.19		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	24.32		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	54.40		
07 72 13 00-0014	EA	38" x 74" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,094.90	262.68	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	76.66		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	186.15		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	19.98		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	123.11		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	151.04		
07 72 13 00-0015	EA	38" x 98" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,357.15	291.87	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	99.23		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	234.95		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	25.78		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	139.65		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	182.62		
07 72 13 00-0016	EA	38" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,484.56	321.06	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	108.32		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	256.78		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	31.58		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	162.64		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	214.21		
07 72 13 00-0017	EA	50" x 50" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,167.50	262.68	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	83.92		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	200.67		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-72.91		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	21.62		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	45.26		
07 72 13 00-0018	EA	50" x 62" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,274.18	291.87	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	90.93		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	218.35		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-87.76		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	0.33		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	43.30		
07 72 13 00-0019	EA	50" x 74" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,302.70	291.87	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	93.79		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	224.06		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-103.96		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-28.75		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	44.28		
07 72 13 00-0020	EA	50" x 86" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,430.11	321.06	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	102.88		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	245.89		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-121.50		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-24.83		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	43.92		
07 72 13 00-0021	EA	51" x 99" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,534.20	350.23	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	109.64		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	263.06		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	33.19		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	153.51		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	207.22		
07 72 13 00-0022	EA	51" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,659.01	379.42	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	118.47		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	284.37		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-167.42		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-32.05		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	40.98		
07 72 13 00-0023	EA	62" x 62" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,302.70	291.87	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	93.79		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	224.06		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	26.43		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	97.33		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	178.97		

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 00-0024	EA		62-3/8" x 74-3/8" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,401.59	321.06
			For Sloped Roofs Up To 1 In 12 Pitch, Add	100.03	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	240.19	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-126.90	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-21.64	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	44.96	
07 72 13 00-0025	EA		62" x 86" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,531.60	350.23
			For Sloped Roofs Up To 1 In 12 Pitch, Add	109.38	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	262.54	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-164.72	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-59.43	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	2.86	
07 72 13 00-0026	EA		62" x 98" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,557.53	350.23
			For Sloped Roofs Up To 1 In 12 Pitch, Add	111.97	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	267.73	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	39.32	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	144.59	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	252.02	
07 72 13 00-0027	EA		62" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,687.54	379.42
			For Sloped Roofs Up To 1 In 12 Pitch, Add	121.33	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	290.08	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-207.91	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-100.50	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	37.00	
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	983.04	233.49
			For Sloped Roofs Up To 1 In 12 Pitch, Add	69.12	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	167.42	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-29.70	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	15.41	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	39.05	
07 72 13 00-0030	EA		26" x 38" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	990.82	233.49
			For Sloped Roofs Up To 1 In 12 Pitch, Add	69.90	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	168.98	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-36.44	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	23.70	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	45.19	
07 72 13 00-0031	EA		26" x 50" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,071.56	262.68
			For Sloped Roofs Up To 1 In 12 Pitch, Add	74.32	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	181.48	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-44.54	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	30.64	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	45.68	
07 72 13 00-0032	EA		26" x 74" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,138.98	262.68
			For Sloped Roofs Up To 1 In 12 Pitch, Add	81.06	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	194.96	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-59.39	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	37.27	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	52.31	
07 72 13 00-0033	EA		26" x 98" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,188.24	262.68
			For Sloped Roofs Up To 1 In 12 Pitch, Add	85.99	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	204.81	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	19.66	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	124.94	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	137.83	
07 72 13 00-0034	EA		26" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,429.75	291.87
			For Sloped Roofs Up To 1 In 12 Pitch, Add	106.49	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	249.47	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-98.56	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-1.88	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	38.94	
07 72 13 00-0035	EA		38" x 38" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	993.41	233.49
			For Sloped Roofs Up To 1 In 12 Pitch, Add	70.15	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	169.50	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	11.28	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	97.22	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	135.89	
07 72 13 00-0036	EA		38" x 50" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,118.24	262.68
			For Sloped Roofs Up To 1 In 12 Pitch, Add	78.99	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	190.81	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-56.69	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	33.53	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	70.05	
07 72 13 00-0037	EA		38" x 62" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,170.09	262.68
			For Sloped Roofs Up To 1 In 12 Pitch, Add	84.17	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	201.18	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-70.19	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	24.32	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	54.40	



Thermal And Moisture Protection			07
Roof and Wall Specialties and Accessories			07 70
Roof Accessories			07 72

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0038	EA	38" x 74" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,229.73	262.68	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	90.14		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	213.11		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	19.98		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	123.11		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	151.04		
07 72 13 00-0039	EA	38" x 98" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,398.64	291.87	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	103.38		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	243.24		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	25.78		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	139.65		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	182.62		
07 72 13 00-0040	EA	38" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,536.42	321.06	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	113.51		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	267.15		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	31.58		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	162.64		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	214.21		
07 72 13 00-0041	EA	50" x 50" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,198.62	262.68	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	87.03		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	206.89		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-72.91		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	21.62		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	45.26		
07 72 13 00-0042	EA	50" x 62" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,300.11	291.87	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	93.53		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	223.54		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-87.76		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	0.33		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	43.30		
07 72 13 00-0043	EA	50" x 74" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,341.59	291.87	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	97.68		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	231.83		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-103.96		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-28.75		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	44.28		
07 72 13 00-0044	EA	50" x 86" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,471.60	321.06	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	107.03		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	254.19		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-121.50		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-24.83		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	43.92		
07 72 13 00-0045	EA	51" x 99" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,583.46	350.23	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	114.57		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	272.91		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	33.19		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	153.51		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	207.22		
07 72 13 00-0046	EA	51" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,716.06	379.42	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	124.18		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	295.78		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-167.42		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-32.05		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	40.98		
07 72 13 00-0047	EA	62" x 62" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,341.59	291.87	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	97.68		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	231.83		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	26.43		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	97.33		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	178.97		
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.....	1,443.08	321.06	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	104.18		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	248.48		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-126.90		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-21.64		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	44.96		
07 72 13 00-0049	EA	62" x 86" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,575.68	350.23	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	113.79		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	271.36		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-164.72		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-59.43		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	2.86		
07 72 13 00-0050	EA	62" x 98" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,609.39	350.23	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	117.16		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	278.10		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	39.32		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	144.59		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	252.02		

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 00-0051	EA		62" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,744.58	379.42
			For Sloped Roofs Up To 1 In 12 Pitch, Add	127.03	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	301.49	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-207.91	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-100.50	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	37.00	
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.....	1,001.19	233.49
			For Sloped Roofs Up To 1 In 12 Pitch, Add	70.93	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	171.05	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-29.70	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	15.41	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	39.05	
07 72 13 00-0054	EA		26" x 38" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,008.97	233.49
			For Sloped Roofs Up To 1 In 12 Pitch, Add	71.71	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	172.61	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-36.44	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	23.70	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	45.19	
07 72 13 00-0055	EA		26" x 50" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,084.53	262.68
			For Sloped Roofs Up To 1 In 12 Pitch, Add	75.62	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	184.07	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-44.54	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	30.64	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	45.68	
07 72 13 00-0056	EA		26" x 74" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,159.72	262.68
			For Sloped Roofs Up To 1 In 12 Pitch, Add	83.14	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	199.11	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-59.39	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	37.27	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	52.31	
07 72 13 00-0057	EA		26" x 98" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,216.77	262.68
			For Sloped Roofs Up To 1 In 12 Pitch, Add	88.84	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	210.52	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-19.66	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	124.94	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	137.83	
07 72 13 00-0058	EA		26" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,466.05	291.87
			For Sloped Roofs Up To 1 In 12 Pitch, Add	110.12	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	256.73	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-98.56	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-1.88	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	38.94	
07 72 13 00-0059	EA		38" x 38" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,008.97	233.49
			For Sloped Roofs Up To 1 In 12 Pitch, Add	71.71	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	172.61	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	11.28	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	97.22	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	135.89	
07 72 13 00-0060	EA		38" x 50" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,084.53	262.68
			For Sloped Roofs Up To 1 In 12 Pitch, Add	75.62	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	184.07	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-56.69	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	33.53	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	70.05	
07 72 13 00-0061	EA		38" x 62" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,216.77	262.68
			For Sloped Roofs Up To 1 In 12 Pitch, Add	88.84	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	210.52	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-70.19	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	24.32	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	54.40	
07 72 13 00-0062	EA		38" x 74" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,279.00	262.68
			For Sloped Roofs Up To 1 In 12 Pitch, Add	95.07	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	222.97	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	19.98	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	123.11	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	151.04	
07 72 13 00-0063	EA		38" x 98" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,429.75	291.87
			For Sloped Roofs Up To 1 In 12 Pitch, Add	106.49	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	249.47	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	25.78	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	139.65	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	182.62	
07 72 13 00-0064	EA		38" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,570.13	321.06
			For Sloped Roofs Up To 1 In 12 Pitch, Add	116.88	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	273.89	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	31.58	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	162.64	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	214.21	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0065	EA	50" x 50"	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	1,219.36 89.10 211.04 -72.91 21.62 45.26	262.68
07 72 13 00-0066	EA	50" 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	1,225.97 86.11 208.71 -87.76 0.33 43.30	291.87
07 72 13 00-0067	EA	50" x 74"	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	1,367.52 100.27 237.02 -103.96 -28.75 44.28	291.87
07 72 13 00-0068	EA	50" 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	1,502.71 110.14 260.41 -121.50 -24.83 43.92	321.06
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	1,614.58 117.68 279.14 33.19 153.51 207.22	350.23
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	1,752.36 127.81 303.04 -167.42 -32.05 40.98	379.42
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	1,367.52 100.27 237.02 26.43 97.33 178.97	291.87
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	1,471.60 107.03 254.19 -126.90 -21.64 44.96	321.06
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	1,609.39 117.16 278.10 -164.72 -59.43 2.86	350.23
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	1,643.10 120.53 284.84 39.32 144.59 252.02	350.23
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	1,783.47 130.92 309.27 -207.91 -100.50 37.00	379.42
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 00-0076)		
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	920.81 62.89 154.98 -29.70 15.41 39.05	233.49
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	954.51 66.26 161.72 -36.44 23.70 45.19	233.49

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 00-0080	EA	26" x 50" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,092.31	262.68	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	76.40		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	185.63		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-44.54		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	30.64		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	45.68		
07 72 13 00-0081	EA	26" x 74" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,170.09	262.68	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	84.17		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	201.18		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-59.39		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	37.27		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	52.31		
07 72 13 00-0082	EA	26" x 98" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,227.14	262.68	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	89.88		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	212.59		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	19.66		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	124.94		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	137.83		
07 72 13 00-0083	EA	26" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,507.54	291.87	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	114.27		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	265.02		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-98.56		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-1.88		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	38.94		
07 72 13 00-0084	EA	38" x 38" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,016.74	233.49	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	72.49		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	174.16		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	11.28		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	97.22		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	135.89		
07 72 13 00-0085	EA	38" x 50" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,113.05	262.68	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	78.47		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	189.78		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-56.69		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	33.53		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	70.05		
07 72 13 00-0086	EA	38" x 62" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,138.98	262.68	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	81.06		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	194.96		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-70.19		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	24.32		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	54.40		
07 72 13 00-0087	EA	38" x 74" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,162.32	262.68	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	83.40		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	199.63		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	19.98		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	123.11		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	151.04		
07 72 13 00-0088	EA	38" x 98" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,445.31	291.87	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	108.05		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	252.58		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	25.78		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	139.65		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	182.62		
07 72 13 00-0089	EA	38" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,588.28	321.06	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	118.70		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	277.52		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	31.58		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	162.64		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	214.21		
07 72 13 00-0090	EA	50" x 50" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,229.73	262.68	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	90.14		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	213.11		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-72.91		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	21.62		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	45.26		
07 72 13 00-0091	EA	50" x 62" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,339.00	291.87	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	97.42		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	231.32		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-87.76		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	0.33		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	43.30		
07 72 13 00-0092	EA	50" x 74" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,380.49	291.87	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	101.57		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	239.61		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-103.96		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-28.75		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	44.28		
07 72 13 00-0093	EA	50" x 86" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,518.27	321.06	
		For Sloped Roofs Up To 1 In 12 Pitch, Add	111.70		
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	263.52		
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-121.50		
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-24.83		
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	43.92		



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0094	EA		51" x 99" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,630.13	350.23
			For Sloped Roofs Up To 1 In 12 Pitch, Add	119.23	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	282.25	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	33.19	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	153.51	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	207.22	
07 72 13 00-0095	EA		51" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,770.51	379.42
			For Sloped Roofs Up To 1 In 12 Pitch, Add	129.62	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	306.67	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-167.42	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-32.05	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	40.98	
07 72 13 00-0096	EA		62" x 62" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,380.49	291.87
			For Sloped Roofs Up To 1 In 12 Pitch, Add	101.57	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	239.61	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	26.43	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	97.33	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	178.97	
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.....	1,484.56	321.06
			For Sloped Roofs Up To 1 In 12 Pitch, Add	108.32	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	256.78	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-126.90	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-21.64	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	44.96	
07 72 13 00-0098	EA		62" x 86" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,624.95	350.23
			For Sloped Roofs Up To 1 In 12 Pitch, Add	118.72	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	281.21	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-164.72	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-59.43	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	2.86	
07 72 13 00-0099	EA		62" x 98" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,661.25	350.23
			For Sloped Roofs Up To 1 In 12 Pitch, Add	122.35	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	288.47	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	39.32	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	144.59	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	252.02	
07 72 13 00-0100	EA		62" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,804.22	379.42
			For Sloped Roofs Up To 1 In 12 Pitch, Add	132.99	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	313.42	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-207.91	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-100.50	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	37.00	
07 72 13 00-0101			12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0075)		
07 72 13 00-0102	EA		26" x 26" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	944.14	233.49
			For Sloped Roofs Up To 1 In 12 Pitch, Add	65.23	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	159.64	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-29.70	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	15.41	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	39.05	
07 72 13 00-0103	EA		26" x 38" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	983.04	233.49
			For Sloped Roofs Up To 1 In 12 Pitch, Add	69.12	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	167.42	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-36.44	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	23.70	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	45.19	
07 72 13 00-0104	EA		26" x 50" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,131.20	262.68
			For Sloped Roofs Up To 1 In 12 Pitch, Add	80.29	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	193.41	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-44.54	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	30.64	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	45.68	
07 72 13 00-0105	EA		26" x 74" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,216.77	262.68
			For Sloped Roofs Up To 1 In 12 Pitch, Add	88.84	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	210.52	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-59.39	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	37.27	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	52.31	
07 72 13 00-0106	EA		26" x 98" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,286.77	262.68
			For Sloped Roofs Up To 1 In 12 Pitch, Add	95.84	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	224.52	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	19.66	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	124.94	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	137.83	
07 72 13 00-0107	EA		26" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,517.91	291.87
			For Sloped Roofs Up To 1 In 12 Pitch, Add	115.31	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	267.10	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-98.56	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-1.88	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	38.94	

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 00-0108	EA	38" x 38" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,050.45	233.49
		For Sloped Roofs Up To 1 In 12 Pitch, Add	75.86	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	180.90	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	11.28	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	97.22	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	135.89	
07 72 13 00-0109	EA	38" x 50" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,154.54	262.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	82.62	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	198.07	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-56.69	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	33.53	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	70.05	
07 72 13 00-0110	EA	38" x 62" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,188.24	262.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	85.99	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	204.81	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-70.19	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	24.32	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	54.40	
07 72 13 00-0111	EA	38" x 74" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,219.36	262.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	89.10	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	211.04	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	19.98	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	123.11	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	151.04	
07 72 13 00-0112	EA	38" x 98" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,507.54	291.87
		For Sloped Roofs Up To 1 In 12 Pitch, Add	114.27	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	265.02	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	25.78	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	139.65	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	182.62	
07 72 13 00-0113	EA	38" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,663.47	321.06
		For Sloped Roofs Up To 1 In 12 Pitch, Add	126.22	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	292.56	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	31.58	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	162.64	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	214.21	
07 72 13 00-0114	EA	50" x 50" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,276.40	262.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	94.81	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	222.45	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-72.91	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	21.62	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	45.26	
07 72 13 00-0115	EA	50" x 62" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,390.86	291.87
		For Sloped Roofs Up To 1 In 12 Pitch, Add	102.60	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	241.69	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-87.76	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	0.33	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	43.30	
07 72 13 00-0116	EA	50" x 74" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,440.12	291.87
		For Sloped Roofs Up To 1 In 12 Pitch, Add	107.53	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	251.54	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-103.96	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-28.75	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	44.28	
07 72 13 00-0117	EA	50" x 86" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,580.50	321.06
		For Sloped Roofs Up To 1 In 12 Pitch, Add	117.92	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	275.97	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-121.50	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-24.83	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	43.92	
07 72 13 00-0118	EA	51" x 99" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,702.74	350.23
		For Sloped Roofs Up To 1 In 12 Pitch, Add	126.49	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	296.77	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	33.19	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	153.51	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	207.22	
07 72 13 00-0119	EA	51" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,853.48	379.42
		For Sloped Roofs Up To 1 In 12 Pitch, Add	137.92	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	323.27	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-167.42	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-32.05	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	40.98	
07 72 13 00-0120	EA	62" x 62" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,440.12	291.87
		For Sloped Roofs Up To 1 In 12 Pitch, Add	107.53	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	251.54	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	26.43	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	97.33	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	178.97	
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.....	1,551.98	321.06
		For Sloped Roofs Up To 1 In 12 Pitch, Add	115.07	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	270.26	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-126.90	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-21.64	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	44.96	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0122	EA		62" x 86" 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	1,697.55 125.98 295.73 -164.72 -59.43 2.86	350.23
07 72 13 00-0123	EA		62" 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	1,736.44 129.86 303.51 39.32 144.59 252.02	350.23
07 72 13 00-0124	EA		62" 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	1,892.38 141.61 331.05 -207.91 -100.50 37.00	379.42
07 72 13 00-0125			14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0076)		
07 72 13 00-0126	EA		26" x 26" Outside Frame Dimensions, 14" 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	962.29 67.04 163.27 -29.70 15.41 39.05	233.49
07 72 13 00-0127	EA		26" x 38" Outside Frame Dimensions, 14" 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	1,003.78 71.19 171.57 -36.44 23.70 45.19	233.49
07 72 13 00-0128	EA		26" x 50" Outside Frame Dimensions, 14" 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	1,154.54 82.62 198.07 -44.54 30.64 45.68	262.68
07 72 13 00-0129	EA		26" x 74" Outside Frame Dimensions, 14" 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	1,247.88 91.95 216.74 -59.39 37.27 52.31	262.68
07 72 13 00-0130	EA		26" x 98" Outside Frame Dimensions, 14" 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	1,325.67 99.73 232.30 19.66 124.94 137.83	262.68
07 72 13 00-0131	EA		26" x 122" Outside Frame Dimensions, 14" 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	1,600.88 123.60 283.69 -98.56 -1.88 38.94	291.87
07 72 13 00-0132	EA		38" x 38" Outside Frame Dimensions, 14" 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	1,076.38 78.45 186.09 11.28 97.22 135.89	233.49
07 72 13 00-0133	EA		38" x 50" Outside Frame Dimensions, 14" 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	1,198.62 87.03 206.89 -56.69 33.53 70.05	262.68
07 72 13 00-0134	EA		38" x 62" Outside Frame Dimensions, 14" 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	1,245.29 91.69 216.22 -70.19 24.32 54.40	262.68
07 72 13 00-0135	EA		38" x 74" Outside Frame Dimensions, 14" 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	1,255.66 92.73 218.30 19.98 123.11 151.04	262.68

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 00-0136	EA 38" x 98" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,554.21	291.87
	For Sloped Roofs Up To 1 In 12 Pitch, Add	118.94	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	274.36	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	25.78	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	139.65	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	182.62	
07 72 13 00-0137	EA 38" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,715.33	321.06
	For Sloped Roofs Up To 1 In 12 Pitch, Add	131.40	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	302.93	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	31.58	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	162.64	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	214.21	
07 72 13 00-0138	EA 50" x 50" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,307.52	262.68
	For Sloped Roofs Up To 1 In 12 Pitch, Add	97.92	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	228.67	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-72.91	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	21.62	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	45.26	
07 72 13 00-0139	EA 50" x 62" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,305.47	291.87
	For Sloped Roofs Up To 1 In 12 Pitch, Add	94.06	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	224.61	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-87.76	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	0.33	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	43.30	
07 72 13 00-0140	EA 50" x 74" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,479.02	291.87
	For Sloped Roofs Up To 1 In 12 Pitch, Add	111.42	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	259.32	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-103.96	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-28.75	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	44.28	
07 72 13 00-0141	EA 50" x 86" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,627.17	321.06
	For Sloped Roofs Up To 1 In 12 Pitch, Add	122.59	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	285.30	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-121.50	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-24.83	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	43.92	
07 72 13 00-0142	EA 51" x 99" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,749.41	350.23
	For Sloped Roofs Up To 1 In 12 Pitch, Add	131.16	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	306.10	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	33.19	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	153.51	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	207.22	
07 72 13 00-0143	EA 51" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,910.53	379.42
	For Sloped Roofs Up To 1 In 12 Pitch, Add	143.63	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	334.68	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-167.42	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-32.05	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	40.98	
07 72 13 00-0144	EA 62" x 62" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,479.02	291.87
	For Sloped Roofs Up To 1 In 12 Pitch, Add	111.42	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	259.32	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	26.43	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	97.33	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	178.97	
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.....	1,598.65	321.06
	For Sloped Roofs Up To 1 In 12 Pitch, Add	119.73	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	279.60	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-126.90	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-21.64	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	44.96	
07 72 13 00-0146	EA 62" x 86" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,741.63	350.23
	For Sloped Roofs Up To 1 In 12 Pitch, Add	130.38	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	304.55	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-164.72	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-59.43	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	2.86	
07 72 13 00-0147	EA 62" x 98" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,788.30	350.23
	For Sloped Roofs Up To 1 In 12 Pitch, Add	135.05	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	313.88	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	39.32	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	144.59	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	252.02	
07 72 13 00-0148	EA 62" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,949.42	379.42
	For Sloped Roofs Up To 1 In 12 Pitch, Add	147.51	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	342.46	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-207.91	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-100.50	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	37.00	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0149		Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs (07 72 13 00-0001) 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..... For Sloped Roofs Up To 1 In 12 Pitch, Add..... For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add.....	904.72 61.29 151.76	233.49
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..... For Sloped Roofs Up To 1 In 12 Pitch, Add..... For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add.....	1,047.22 75.54 180.26	233.49
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..... For Sloped Roofs Up To 1 In 12 Pitch, Add..... For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add.....	1,199.44 87.71 207.05	262.68
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..... For Sloped Roofs Up To 1 In 12 Pitch, Add..... For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add.....	1,313.22 98.49 229.81	262.68
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..... For Sloped Roofs Up To 1 In 12 Pitch, Add..... For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add.....	1,452.36 108.75 253.99	291.87
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..... For Sloped Roofs Up To 1 In 12 Pitch, Add..... For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add.....	1,113.38 82.15 193.49	233.49
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..... For Sloped Roofs Up To 1 In 12 Pitch, Add..... For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add.....	1,306.78 101.49 232.17	233.49
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..... For Sloped Roofs Up To 1 In 12 Pitch, Add..... For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add.....	1,385.20 105.69 244.21	262.68
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..... For Sloped Roofs Up To 1 In 12 Pitch, Add..... For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add.....	1,457.91 112.96 258.75	262.68
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..... For Sloped Roofs Up To 1 In 12 Pitch, Add..... For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add.....	1,632.66 126.78 290.05	291.87
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..... For Sloped Roofs Up To 1 In 12 Pitch, Add..... For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add.....	2,595.56 219.42 478.98	321.06
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..... For Sloped Roofs Up To 1 In 12 Pitch, Add..... For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add.....	1,456.19 116.43 262.05	233.49
07 72 13 00-0165	EA	24" To 29" Square Outside Dimensions, 24" Height, 16 Gauge, Ventilated Galvanized Steel, Adjustable Width 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.....	1,653.94 136.21 301.60	233.49
07 72 13 00-0166	EA	31" To 46" Square Outside Dimensions, 18" Height, 16 Gauge, Insulated Galvanized Steel, Adjustable Width 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.....	1,961.75 163.34 359.52	262.68
07 72 13 00-0167		High Wind Applications, Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0001)		
07 72 13 00-0168	EA	38-1/2" Square Outside Dimensions, 24" Height, High Wind Applications, Insulated Galvanized Steel, Prefabricated Roof Curb (Greenheck GPF-40-G24)..... For Sloped Roofs Up To 1 In 12 Pitch, Add..... For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add.....	1,303.97 119.45 249.85	109.45
07 72 13 00-0169	EA	38-1/2" Square Outside Dimensions, 27" Height, High Wind Applications, Insulated Galvanized Steel, Prefabricated Roof Curb (Greenheck GPF-40-G27)..... For Sloped Roofs Up To 1 In 12 Pitch, Add..... For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add.....	1,388.12 127.87 266.68	109.45

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 00-0170	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 00-0171	Wood Framed, Prefabricated Roof Curbs (07 72 13 00-0170)		
07 72 13 00-0172	2 x 6 Wood Framed, Prefabricated Roof Curbs (07 72 13 00-0171)		
07 72 13 00-0173	EA 26" x 26" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	757.76	233.49
	For Sloped Roofs Up To 1 In 12 Pitch, Add	46.59	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	122.37	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-29.70	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	15.41	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	39.05	
07 72 13 00-0174	EA 26" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	843.62	262.68
	For Sloped Roofs Up To 1 In 12 Pitch, Add	51.53	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	135.89	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-44.54	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	30.64	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	45.68	
07 72 13 00-0175	EA 26" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	899.48	262.68
	For Sloped Roofs Up To 1 In 12 Pitch, Add	57.11	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	147.06	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	19.66	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	124.94	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	137.83	
07 72 13 00-0176	EA 38" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	893.04	262.68
	For Sloped Roofs Up To 1 In 12 Pitch, Add	56.47	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	145.77	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-70.19	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	24.32	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	54.40	
07 72 13 00-0177	EA 38" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	908.07	262.68
	For Sloped Roofs Up To 1 In 12 Pitch, Add	57.97	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	148.78	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	19.98	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	123.11	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	151.04	
07 72 13 00-0178	EA 38" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	1,017.57	291.87
	For Sloped Roofs Up To 1 In 12 Pitch, Add	65.27	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	167.03	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	25.78	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	139.65	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	182.62	
07 72 13 00-0179	EA 50" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	903.78	262.68
	For Sloped Roofs Up To 1 In 12 Pitch, Add	57.54	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	147.92	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-72.91	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	21.62	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	45.26	
07 72 13 00-0180	EA 50" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	1,036.91	291.87
	For Sloped Roofs Up To 1 In 12 Pitch, Add	67.21	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	170.90	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-103.96	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-28.75	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	44.28	
07 72 13 00-0181	EA 51" x 99" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	1,182.84	350.23
	For Sloped Roofs Up To 1 In 12 Pitch, Add	74.50	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	192.79	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	33.19	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	153.51	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	207.22	
07 72 13 00-0182	EA 62" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	998.23	291.87
	For Sloped Roofs Up To 1 In 12 Pitch, Add	63.34	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	163.16	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	26.43	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	97.33	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	178.97	
07 72 13 00-0183	EA 62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	1,096.97	321.06
	For Sloped Roofs Up To 1 In 12 Pitch, Add	69.57	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	179.26	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-126.90	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-21.64	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	44.96	
07 72 13 00-0184	EA 62" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	1,225.81	350.23
	For Sloped Roofs Up To 1 In 12 Pitch, Add	78.80	
	For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	201.38	
	For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	39.32	
	For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	144.59	
	For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	252.02	
07 72 13 00-0185	2 x 8 Wood Framed, Prefabricated Roof Curbs (07 72 13 00-0171)		



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0186	EA		26" x 26" 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 233.49	770.65 47.88 124.94 -29.70 15.41 39.05	
07 72 13 00-0187	EA		26" 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 262.68	858.66 53.03 138.90 -44.54 30.64 45.68	
07 72 13 00-0188	EA		26" 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 262.68	940.30 61.20 155.23 19.66 124.94 137.33	
07 72 13 00-0189	EA		38" 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 262.68	918.82 59.05 150.93 -70.19 24.32 54.40	
07 72 13 00-0190	EA		38" 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 262.68	940.30 61.20 155.23 19.98 123.11 151.04	
07 72 13 00-0191	EA		38" 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 291.87	1,049.80 68.50 173.48 25.78 139.65 182.62	
07 72 13 00-0192	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 262.68	927.41 59.91 152.65 -72.91 21.62 45.26	
07 72 13 00-0193	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 291.87	1,066.98 70.21 176.91 -103.96 -28.75 44.28	
07 72 13 00-0194	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 350.23	1,212.91 77.51 198.80 33.19 153.51 207.22	
07 72 13 00-0195	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 291.87	1,021.87 65.70 167.89 26.43 97.33 178.97	
07 72 13 00-0196	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 321.06	1,124.91 72.36 184.85 -126.90 -21.64 44.96	
07 72 13 00-0197	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 350.23	1,255.88 81.81 207.40 39.32 144.59 252.02	
07 72 13 00-0198			2 x 10 Wood Framed, Prefabricated Roof Curbs (07 72 13 00-0171)		
07 72 13 00-0199	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 233.49	779.24 48.74 126.66 -29.70 15.41 39.05	

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 00-0200	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 262.68	873.70 54.54 141.91 -44.54 30.64 45.68	262.68
07 72 13 00-0201	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 262.68	944.60 61.63 156.09 19.66 124.94 137.83	262.68
07 72 13 00-0202	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 262.68	933.86 60.55 153.94 -70.19 24.32 54.40	262.68
07 72 13 00-0203	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 262.68	959.64 63.13 159.09 19.98 123.11 151.04	262.68
07 72 13 00-0204	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 291.87	1,071.28 70.64 177.77 25.78 139.65 182.62	291.87
07 72 13 00-0205	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 262.68	942.45 61.41 155.66 -72.91 21.62 45.26	262.68
07 72 13 00-0206	EA		50" 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 291.87	1,086.32 72.15 180.78 -103.96 -28.75 44.28	291.87
07 72 13 00-0207	EA		51" x 99" 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 350.23	1,232.25 79.45 202.67 33.19 153.51 207.22	350.23
07 72 13 00-0208	EA		62" 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 291.87	1,036.91 67.21 170.90 26.43 97.33 178.97	291.87
07 72 13 00-0209	EA		62-3/8" x 74-3/8" 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 321.06	1,142.09 74.08 188.29 -126.90 -21.64 44.96	321.06
07 72 13 00-0210	EA		62" 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 350.23	1,277.37 83.96 211.69 39.32 144.59 252.02	350.23
07 72 13 00-0211			2 x 12 Wood Framed, Prefabricated Roof Curbs (07 72 13 00-0171)		
07 72 13 00-0212	EA		26" x 26" 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 233.49	789.99 49.81 128.81 -29.70 15.41 39.05	233.49
07 72 13 00-0213	EA		26" x 50" 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 262.68	882.29 55.39 143.62 -44.54 30.64 45.68	262.68



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0214	EA		26" x 98" 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	963.94 63.56 159.95 19.66 124.94 137.83	262.68
07 72 13 00-0215	EA		38" x 74" 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	981.12 65.28 163.39 19.98 123.11 151.04	262.68
07 72 13 00-0216	EA		38" x 98" 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	1,094.91 73.01 182.50 25.78 139.65 182.62	291.87
07 72 13 00-0217	EA		50" x 50" 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	961.79 63.34 159.52 -72.91 21.62 45.26	262.68
07 72 13 00-0218	EA		50" x 74" 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	1,107.81 74.30 185.08 -103.96 -28.75 44.28	291.87
07 72 13 00-0219	EA		51" x 99" 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	1,258.03 82.02 207.63 33.19 153.51 207.22	350.23
07 72 13 00-0220	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	1,159.28 75.80 191.72 -126.90 -21.64 44.96	321.06
07 72 13 00-0221			Wood Framed With Liner, Prefabricated Roof Curbs (07 72 13 00-0170)		
07 72 13 00-0222			2 x 6 Wood Framed With Liner, Prefabricated Roof Curbs (07 72 13 00-0221)		
07 72 13 00-0223	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	774.95 48.31 125.80 -29.70 15.41 39.05	233.49
07 72 13 00-0224	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	858.66 53.03 138.90 -44.54 30.64 45.68	262.68
07 72 13 00-0225	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	927.41 59.91 152.65 19.66 124.94 137.83	262.68
07 72 13 00-0226	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	912.37 58.40 149.64 -70.19 24.32 54.40	262.68
07 72 13 00-0227	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	931.71 60.34 153.51 19.98 123.11 151.04	262.68
07 72 13 00-0228	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	1,043.35 67.85 172.19 25.78 139.65 182.62	291.87

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 00-0229	EA	50" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	.....	923.11	262.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	.....	59.48	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	.....	151.79	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	.....	-72.91	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	.....	21.62	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	.....	45.26	
07 72 13 00-0230	EA	50" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	.....	1,060.54	291.87
		For Sloped Roofs Up To 1 In 12 Pitch, Add	.....	69.57	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	.....	175.62	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	.....	-103.96	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	.....	-28.75	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	.....	44.28	
07 72 13 00-0231	EA	51" x 99" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	.....	1,206.47	350.23
		For Sloped Roofs Up To 1 In 12 Pitch, Add	.....	76.87	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	.....	197.51	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	.....	33.19	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	.....	153.51	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	.....	207.22	
07 72 13 00-0232	EA	62" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	.....	1,024.01	291.87
		For Sloped Roofs Up To 1 In 12 Pitch, Add	.....	65.92	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	.....	168.32	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	.....	26.43	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	.....	97.33	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	.....	178.97	
07 72 13 00-0233	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	.....	1,120.61	321.06
		For Sloped Roofs Up To 1 In 12 Pitch, Add	.....	71.93	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	.....	183.99	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	.....	-126.90	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	.....	-21.64	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	.....	44.96	
07 72 13 00-0234	EA	62" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	.....	1,255.88	350.23
		For Sloped Roofs Up To 1 In 12 Pitch, Add	.....	81.81	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	.....	207.40	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	.....	39.32	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	.....	144.59	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	.....	252.02	
07 72 13 00-0235		2 x 8 Wood Framed With Liner, Prefabricated Roof Curbs	(07 72 13 00-0221)		
07 72 13 00-0236	EA	26" x 26" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	.....	789.99	233.49
		For Sloped Roofs Up To 1 In 12 Pitch, Add	.....	49.81	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	.....	128.81	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	.....	-29.70	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	.....	15.41	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	.....	39.05	
07 72 13 00-0237	EA	26" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	.....	875.85	262.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	.....	54.75	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	.....	142.34	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	.....	-44.54	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	.....	30.64	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	.....	45.68	
07 72 13 00-0238	EA	26" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	.....	953.19	262.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	.....	62.48	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	.....	157.80	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	.....	19.66	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	.....	124.94	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	.....	137.83	
07 72 13 00-0239	EA	38" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	.....	938.15	262.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	.....	60.98	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	.....	154.80	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	.....	-70.19	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	.....	24.32	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	.....	54.40	
07 72 13 00-0240	EA	38" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	.....	966.08	262.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	.....	63.77	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	.....	160.38	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	.....	19.98	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	.....	123.11	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	.....	151.04	
07 72 13 00-0241	EA	38" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	.....	1,082.02	291.87
		For Sloped Roofs Up To 1 In 12 Pitch, Add	.....	71.72	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	.....	179.92	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	.....	25.78	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	.....	139.65	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	.....	182.62	
07 72 13 00-0242	EA	50" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	.....	953.19	262.68
		For Sloped Roofs Up To 1 In 12 Pitch, Add	.....	62.48	
		For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	.....	157.80	
		For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	.....	-72.91	
		For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	.....	21.62	
		For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	.....	45.26	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0243	EA		50" x 74" Outside Frame Dimensions, 2 x 8 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	1,097.06 73.22 182.93 -103.96 -28.75 44.28	291.87
07 72 13 00-0244	EA		51" x 99" Outside Frame Dimensions, 2 x 8 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	1,247.29 80.95 205.68 33.19 153.51 207.22	350.23
07 72 13 00-0245	EA		62" x 62" Outside Frame Dimensions, 2 x 8 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	1,051.95 68.71 173.91 26.43 97.33 178.97	291.87
07 72 13 00-0246	EA		62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 8 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	1,152.84 75.15 190.44 -126.90 -21.64 44.96	321.06
07 72 13 00-0247	EA		62" x 98" Outside Frame Dimensions, 2 x 8 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	1,292.41 85.46 214.70 39.32 144.59 252.02	350.23
07 72 13 00-0248			2 x 10 Wood Framed With Liner, Prefabricated Roof Curbs (07 72 13 00-0221)		
07 72 13 00-0249	EA		26" x 26" 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	802.88 51.10 131.39 -29.70 15.41 39.05	233.49
07 72 13 00-0250	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	893.04 56.47 145.77 -44.54 30.64 45.68	262.68
07 72 13 00-0251	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	978.98 65.06 162.96 19.66 124.94 137.83	262.68
07 72 13 00-0252	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	957.49 62.91 158.66 -70.19 24.32 54.40	262.68
07 72 13 00-0253	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	991.87 66.35 165.54 19.98 123.11 151.04	262.68
07 72 13 00-0254	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	1,109.95 74.51 185.51 25.78 139.65 182.62	291.87
07 72 13 00-0255	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	972.53 64.42 161.67 -72.91 21.62 45.26	262.68
07 72 13 00-0256	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	1,120.70 75.59 187.66 -103.96 -28.75 44.28	291.87

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 00-0257	EA	51" x 99" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, 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>	1,273.07 83.53 210.83 33.19 153.51 207.22	350.23
07 72 13 00-0258	EA	62" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, 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>	1,073.43 70.86 178.20 26.43 97.33 178.97	291.87
07 72 13 00-0259	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, 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>	1,176.47 77.52 195.16 -126.90 -21.64 44.96	321.06
07 72 13 00-0260	EA	62" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, 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>	1,320.34 88.25 220.29 39.32 144.59 252.02	350.23
07 72 13 00-0261		2 x 12 Wood Framed With Liner, Prefabricated Roof Curbs (07 72 13 00-0221)		
07 72 13 00-0262	EA	26" x 26" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, 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>	828.66 53.68 136.55 -29.70 15.41 39.05	233.49
07 72 13 00-0263	EA	26" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, 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>	905.93 57.76 148.35 -44.54 30.64 45.68	262.68
07 72 13 00-0264	EA	26" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, 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>	998.31 67.00 166.83 19.66 124.94 137.83	262.68
07 72 13 00-0265	EA	38" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, 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>	1,013.35 68.50 169.84 19.98 123.11 151.04	262.68
07 72 13 00-0266	EA	38" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, 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>	1,191.60 82.68 201.84 25.78 139.65 182.62	291.87
07 72 13 00-0267	EA	50" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, 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>	1,034.84 70.65 174.13 -72.91 21.62 45.26	262.68
07 72 13 00-0268	EA	50" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, 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>	1,195.89 83.11 202.69 -103.96 -28.75 44.28	291.87
07 72 13 00-0269	EA	51" x 99" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, 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>	1,359.01 92.12 228.02 33.19 153.51 207.22	350.23
07 72 13 00-0270	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, 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>	1,255.96 85.46 211.06 -126.90 -21.64 44.96	321.06

07 72 13 00-0271 Penetration Seals (ChemLink) (07 72 13)07 72 13 00-0272 ChemCurb Penetration Seals (ChemLink ChemCurb) (07 72 13 00-0271)



Thermal And Moisture Protection			07
Roof and Wall Specialties and Accessories			07 70
Roof Accessories			07 72

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0273	EA	5" Inside Diameter Penetration Seals (ChemLink ChemCurb System) Note: Includes 5-inch inside diameter round ChemCurb, M-1® structural adhesive/sealant, and 1-part pourable sealant	126.23	
07 72 13 00-0274	EA	7-1/2" Inside Diameter Penetration Seals (ChemLink ChemCurb System) Note: Includes 7.5-inch inside diameter round ChemCurb, M-1® structural adhesive/sealant, and 1-part pourable sealant	206.10	
07 72 13 00-0275		E-Curb Penetration Seals (ChemLink E-Curb) (07 72 13 00-0271)		
07 72 13 00-0276	EA	3" Inside Diameter E-Curb Penetration Seals (ChemLink) Note: Includes 3-inch inside diameter round E-Curb, M-1® structural adhesive/sealant, and 1-part pourable sealant	57.32	
07 72 13 00-0277	EA	4" Inside Diameter E-Curb Penetration Seals (ChemLink) Note: Includes 4-inch inside diameter round E-Curb, M-1® structural adhesive/sealant, and 1-part pourable sealant	70.70	
07 72 13 00-0278	EA	5" Inside Diameter E-Curb Penetration Seals (ChemLink) Note: Includes 5-inch inside diameter round E-Curb, M-1® structural adhesive/sealant, and 1-part pourable sealant	93.98	
07 72 13 00-0279	EA	6" Inside Diameter E-Curb Penetration Seals (ChemLink) Note: Includes 6-inch inside diameter round E-Curb, M-1® structural adhesive/sealant, and 1-part pourable sealant	99.13	
07 72 13 00-0280	EA	9" Inside Diameter E-Curb Penetration Seals (ChemLink) Note: Includes 9-inch inside diameter round E-Curb, M-1® structural adhesive/sealant, and 1-part pourable sealant	134.36	
07 72 13 00-0281		ChemCurb And E-Curb Penetration Seals Accessories (07 72 13 00-0271)		
07 72 13 00-0282	EA	5" Long ChemCurb Straight Piece For Penetration Seals (ChemLink) Note: For use with ChemCurb seals too make oval/rectangular curbs	43.37	
07 72 13 00-0283	EA	12" Long ChemCurb Straight Piece For Penetration Seals (ChemLink) Note: For use with ChemCurb seals too make oval/rectangular curbs	48.44	
07 72 13 00-0284	EA	8" Long E-Curb Straight Piece For Penetration Seals (ChemLink) Note: For use with E-Curb seals too make rectangular or "L" shaped curbs	18.90	
07 72 13 00-0285	EA	1/2 Gallon, 1-Part Pourable Penetration Sealant (ChemLink SS-Chem-F1426) Note: For use with ChemCurb and E-Curb seals	78.27	
07 72 13 00-0286	EA	10.1 oz, M-1 Structural Adhesive/Sealant (ChemLink SS-Chem-F1270) Note: For use with ChemCurb and E-Curb seals	23.81	
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 For Curb Or Flange Base, Add	167.36 186.04	33.11
07 72 23 00-0004	EA	9" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator For Curb Or Flange Base, Add	201.03 204.43	36.67
07 72 23 00-0005	EA	12" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator For Curb Or Flange Base, Add	216.76 227.36	43.76
07 72 23 00-0006	EA	15" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator For Curb Or Flange Base, Add	418.48 366.74	48.49
07 72 23 00-0007	EA	18" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator For Curb Or Flange Base, Add	577.17 397.18	54.40
07 72 23 00-0008	EA	21" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator For Curb Or Flange Base, Add	696.79 431.15	59.13
07 72 23 00-0009	EA	24" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator For Curb Or Flange Base, Add	890.63 528.25	66.23
07 72 23 00-0010	EA	36" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator For Curb Or Flange Base, Add	1,472.65 867.19	88.70
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 For Curb Or Flange Base, Add	163.69 194.46	33.11
07 72 23 00-0013	EA	9" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator For Curb Or Flange Base, Add	204.48 214.05	36.67
07 72 23 00-0014	EA	12" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator For Curb Or Flange Base, Add	228.71 236.96	43.76
07 72 23 00-0015	EA	15" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator For Curb Or Flange Base, Add	410.49 409.12	48.49
07 72 23 00-0016	EA	18" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator For Curb Or Flange Base, Add	530.57 436.89	54.40
07 72 23 00-0017	EA	21" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator For Curb Or Flange Base, Add	672.25 492.67	59.13
07 72 23 00-0018	EA	24" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator For Curb Or Flange Base, Add	909.10 595.77	66.23
07 72 23 00-0019	EA	36" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator For Curb Or Flange Base, Add	1,355.18 897.29	88.70
07 72 23 00-0020		Stationary Siphon Ventilators (07 72 23) Note: Excludes curb or flange base.		

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 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	141.00 186.04	33.11
07 72 23 00-0023 EA 9" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator..... For Curb Or Flange Base, Add	185.96 204.43	36.67
07 72 23 00-0024 EA 12" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator..... For Curb Or Flange Base, Add	204.40 227.36	43.76
07 72 23 00-0025 EA 15" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator..... For Curb Or Flange Base, Add	350.85 366.74	48.49
07 72 23 00-0026 EA 18" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator..... For Curb Or Flange Base, Add	406.00 397.18	54.40
07 72 23 00-0027 EA 21" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator..... For Curb Or Flange Base, Add	575.82 431.15	59.13
07 72 23 00-0028 EA 24" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator..... For Curb Or Flange Base, Add	750.43 528.25	66.23
07 72 23 00-0029 EA 36" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator..... For Curb Or Flange Base, Add	1,088.05 867.19	88.70
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	157.23 194.46	33.11
07 72 23 00-0032 EA 9" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator..... For Curb Or Flange Base, Add	208.34 214.05	36.67
07 72 23 00-0033 EA 12" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator..... For Curb Or Flange Base, Add	231.96 236.96	43.76
07 72 23 00-0034 EA 15" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator..... For Curb Or Flange Base, Add	380.06 409.12	48.49
07 72 23 00-0035 EA 18" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator..... For Curb Or Flange Base, Add	478.86 436.89	54.40
07 72 23 00-0036 EA 21" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator..... For Curb Or Flange Base, Add	588.21 492.67	59.13
07 72 23 00-0037 EA 24" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator..... For Curb Or Flange Base, Add	844.49 595.77	66.23
07 72 23 00-0038 EA 36" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator..... For Curb Or Flange Base, Add	1,272.59 897.29	88.70
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	317.43 175.52 252.20	53.22
07 72 23 00-0041 EA 10" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator..... For Backdraft Damper, Add For Curb Base, Add	393.57 192.04 275.76	59.13
07 72 23 00-0042 EA 12" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator..... For Backdraft Damper, Add For Curb Base, Add	443.78 262.25 350.33	70.97
07 72 23 00-0043 EA 16" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator..... For Backdraft Damper, Add For Curb Base, Add	544.12 299.41 406.63	78.06
07 72 23 00-0044 EA 24" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator..... For Backdraft Damper, Add For Curb Base, Add	1,482.35 375.82 534.79	106.45
07 72 23 00-0045 EA 30" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator..... For Backdraft Damper, Add For Curb Base, Add	1,812.83 443.96 640.00	123.00
07 72 23 00-0046 EA 36" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator..... For Backdraft Damper, Add For Curb Base, Add	2,479.63 443.96 663.49	141.92
07 72 23 00-0047 EA 42" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator..... For Backdraft Damper, Add For Curb Base, Add	3,502.42 464.61 686.43	153.76
07 72 23 00-0048 EA 48" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator..... For Backdraft Damper, Add For Curb Base, Add	5,060.04 516.23 773.39	165.58
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.....	589.03	59.13
07 72 23 00-0051 EA 12" x 12", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator.....	688.33	78.06
07 72 23 00-0052 EA 16" x 16", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator.....	992.85	106.45
07 72 23 00-0053 EA 24" x 24", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator.....	1,553.37	123.00
07 72 26 Ridge Vents (07 72)		
07 72 26 00-0001 Aluminum Ridge Vents (07 72 26)		
07 72 26 00-0002 LF Aluminum Ridge Vent Strips.....	14.89	3.43
07 72 26 00-0003 EA Aluminum Ridge Univent Connectors.....	55.28	21.33
07 72 26 00-0004 EA Aluminum Ridge Univent End Cap.....	50.89	21.33



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 26 00-0005		Galvanized Ridge Vents (07 72 26)		
07 72 26 00-0006	LF	Galvanized Sheet Metal Ridge Vent Strips.....	13.74	3.67
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.....	10.49	
07 72 29 00-0003	EA	14" x 4' Rafter Vent.....	9.42	
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.....	1,365.41	155.28
07 72 33 00-0003	EA	2'-6" x 4'-6" Galvanized Steel Roof Hatch.....	2,011.63	172.53
07 72 33 00-0004	EA	2'-6" x 8'-0" Galvanized Steel Roof Hatch.....	3,562.16	235.29
07 72 33 00-0005	EA	3'-0" x 3'-0" Galvanized Steel Roof Hatch.....	1,984.11	172.53
07 72 33 00-0006	EA	4'-0" x 4'-0" Galvanized Steel Roof Hatch.....	2,239.59	191.73
07 72 33 00-0007	EA	3'-0" x 8'-0" Galvanized Steel Roof Hatch.....	3,681.71	261.50
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.....	1,285.47	155.28
07 72 33 00-0010	EA	2'-6" x 4'-6" Aluminum Roof Hatch.....	1,672.42	172.53
07 72 33 00-0011	EA	2'-6" x 8'-0" Aluminum Roof Hatch.....	3,044.10	235.29
07 72 33 00-0012	EA	3'-0" x 3'-0" Aluminum Roof Hatch.....	1,636.80	172.53
07 72 33 00-0013	EA	4'-0" x 4'-0" Aluminum Roof Hatch.....	2,923.65	191.73
07 72 33 00-0014	EA	3'-0" x 8'-0" Aluminum Roof Hatch.....	3,209.13	261.50
07 72 33 00-0015	EA	3'-0" x 2'-6" Aluminum Roof Scuttle With Skylight.....	1,836.75	172.53
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.....	1,308.42	155.28
07 72 33 00-0018	EA	2'-6" x 4'-6" Plain Steel Roof Hatch Primed.....	1,774.93	172.53
07 72 33 00-0019	EA	2'-6" x 8'-0" Plain Steel Roof Hatch Primed.....	2,431.70	235.29
07 72 33 00-0020	EA	3'-0" x 3'-0" Plain Steel Roof Hatch Primed.....	1,647.61	172.53
07 72 33 00-0021	EA	4'-0" x 4'-0" Plain Steel Roof Hatch Primed.....	2,022.49	191.73
07 72 33 00-0022	EA	3'-0" x 8'-0" Plain Steel Roof Hatch Primed.....	2,748.20	261.50
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.....	3,037.45	155.28
07 72 33 00-0025	EA	2'-6" x 4'-6" Stainless Steel Roof Hatch.....	5,838.81	172.53
07 72 33 00-0026	EA	2'-6" x 8'-0" Stainless Steel Roof Hatch.....	8,785.36	235.29
07 72 33 00-0027	EA	3'-0" x 3'-0" Stainless Steel Roof Hatch.....	4,681.37	172.53
07 72 33 00-0028	EA	4'-0" x 4'-0" Stainless Steel Roof Hatch.....	9,927.97	191.73
07 72 33 00-0029	EA	3'-0" x 8'-0" Stainless Steel Roof Hatch.....	11,110.93	261.50
07 72 33 00-0030		Removal And Reinstallation Of 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).....	477.61	
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.....	1,244.94	172.53
07 72 33 00-0034	EA	Aluminum Cover, Galvanized Steel Curb 2'-6" x 4'-6" Roof.....	1,631.89	191.73
07 72 33 00-0035	EA	Aluminum Cover, Galvanized Steel Curb 2'-6" x 8'-0" Roof.....	2,938.71	261.39
07 72 33 00-0036	EA	Aluminum Cover, Galvanized Steel Curb 3'-0" x 3'-0" Roof.....	1,604.37	177.93
07 72 33 00-0037	EA	Aluminum Cover, Galvanized Steel Curb 4'-0" x 4'-0" Roof.....	2,834.48	197.12
07 72 33 00-0038		Roof Hatch Accessories (07 72 33)		
07 72 33 00-0039	EA	Enamel Steel, Roof Hatch Ladderup Safety Post.....	854.37	80.88
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.....	2,016.92	
07 72 33 00-0042	EA	24" x 36" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate.....	2,093.54	
07 72 33 00-0043	EA	30" x 30" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate.....	2,146.76	
07 72 33 00-0044	EA	30" x 36" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate.....	2,337.17	
07 72 33 00-0045	EA	36" x 36" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate.....	2,556.82	
07 72 33 00-0046	EA	48" x 48" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate.....	3,275.41	



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

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	3,602.36	143.85
07 72 36 00-0004	EA	4'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	4,139.15	197.76
07 72 36 00-0005	EA	4'-0" x 7'-6" Galvanized Steel Covers And Curb, Smoke And Fire Vent	4,719.70	215.77
07 72 36 00-0006	EA	4'-0" x 8'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	4,811.86	226.56
07 72 36 00-0007	EA	5'-0" x 5'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	5,593.69	197.76
07 72 36 00-0008	EA	5'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	5,946.30	215.77
07 72 36 00-0009	EA	5'-0" x 7'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	6,277.17	233.78
07 72 36 00-0010	EA	5'-0" x 8'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	7,150.80	251.79
07 72 36 00-0011	EA	5'-0" x 10'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	8,881.95	269.69
07 72 36 00-0012	EA	5'-6" x 5'-6" Galvanized Steel Covers And Curb, Smoke And Fire Vent	5,940.67	233.78
07 72 36 00-0013	EA	5'-6" x 12'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	12,534.43	287.70
07 72 36 00-0014	EA	6'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	6,840.89	305.71

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	2,842.33	143.85
07 72 36 00-0017	EA	4'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	3,255.61	197.76
07 72 36 00-0018	EA	4'-0" x 7'-6" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	3,663.59	215.77
07 72 36 00-0019	EA	4'-0" x 8'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	3,793.26	226.56
07 72 36 00-0020	EA	5'-0" x 5'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	3,685.28	197.76
07 72 36 00-0021	EA	5'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	4,709.40	215.77
07 72 36 00-0022	EA	5'-0" x 7'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	5,036.30	233.78
07 72 36 00-0023	EA	5'-0" x 8'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	4,901.11	251.79
07 72 36 00-0024	EA	5'-0" x 10'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	6,889.95	269.69
07 72 36 00-0025	EA	5'-6" x 5'-6" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	4,752.55	233.78
07 72 36 00-0026	EA	5'-6" x 12'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	9,040.96	287.70
07 72 36 00-0027	EA	6'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	4,657.70	305.71

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	3,101.75	143.85
07 72 36 00-0030	EA	4'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent	3,685.28	197.76
07 72 36 00-0031	EA	4'-0" x 7'-6" Aluminum Covers And Curb, Smoke And Fire Vent	4,044.62	215.77
07 72 36 00-0032	EA	4'-0" x 8'-0" Aluminum Covers And Curb, Smoke And Fire Vent	4,279.68	226.56
07 72 36 00-0033	EA	5'-0" x 5'-0" Aluminum Covers And Curb, Smoke And Fire Vent	3,879.84	197.76
07 72 36 00-0034	EA	5'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent	4,912.07	215.77
07 72 36 00-0035	EA	5'-0" x 7'-0" Aluminum Covers And Curb, Smoke And Fire Vent	5,214.65	233.78
07 72 36 00-0036	EA	5'-0" x 8'-0" Aluminum Covers And Curb, Smoke And Fire Vent	5,387.53	251.79
07 72 36 00-0037	EA	5'-0" x 10'-0" Aluminum Covers And Curb, Smoke And Fire Vent	6,541.35	269.69
07 72 36 00-0038	EA	5'-6" x 5'-6" Aluminum Covers And Curb, Smoke And Fire Vent	4,979.55	233.78
07 72 36 00-0039	EA	5'-6" x 12'-0" Aluminum Covers And Curb, Smoke And Fire Vent	9,875.99	287.70
07 72 36 00-0040	EA	6'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent	5,144.12	305.71

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	3,069.32	143.42
07 72 36 00-0043	EA	4'-0" x 6'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent	3,887.94	197.76
07 72 36 00-0044	EA	4'-0" x 8'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent	4,109.43	226.56
07 72 36 00-0045	EA	5'-0" x 5'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent	4,414.91	197.76
07 72 36 00-0046	EA	5'-0" x 8'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent	4,657.92	251.79

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	12.19	2.78
		For Diamond Surface, Add	1.13	
07 72 46 00-0003	SF	1/2" Thick, Button Surface, Recycled Rubber Walkway Pad	13.60	3.34
		For Diamond Surface, Add	1.31	
07 72 46 00-0004	SF	3/4" Thick, Button Surface, Recycled Rubber Walkway Pad	15.03	3.34
		For Diamond Surface, Add	1.47	

07 72 63 Waste Containment Assemblies (07 72)

07 72 63 00-0001 Rooftop Oil And Grease Containment System (07 72 63)

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)	3,089.51	229.30
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)	3,457.25	229.30
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)	4,247.86	238.48



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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).....	4,226.84	238.48
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).....	5,529.59	257.97
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).....	4,305.19	257.97
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).....	4,795.35	305.66
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).....	7,074.07	382.14
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).....	8,797.67	382.14
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).....	11,162.38	382.14
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).....	3,809.33	229.30
07 72 63 00-0015	EA	60" Length, 60" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD101).....	4,287.54	229.30
07 72 63 00-0016	EA	60" Length, 90" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD106).....	5,304.11	238.48
07 72 63 00-0017	EA	72" Length, 72" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD102).....	5,398.72	238.48
07 72 63 00-0018	EA	72" Length, 108" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD103).....	7,720.89	257.97
07 72 63 00-0019	EA	72" Length, 144" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD111).....	8,472.35	257.97
07 72 63 00-0020	EA	90" Length, 90" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD105).....	7,864.21	305.66
07 72 63 00-0021	EA	108" Length, 108" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD112).....	8,850.22	382.14
07 72 63 00-0022	EA	120" Length, 120" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD107).....	11,094.06	382.14
07 72 63 00-0023	EA	144" Length, 144" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD113).....	14,168.18	382.14
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).....	255.58	
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).....	360.69	
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).....	518.32	
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).....	477.24	
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).....	897.63	
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).....	908.13	
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).....	698.91	
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).....	909.10	
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).....	1,334.75	
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).....	1,760.40	
07 72 63 00-0037		Complete Replacement Filter Sets For Rooftop Oil And Grease Containment System (07 72 63 00-0024)		
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).....	535.51	
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).....	714.19	
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).....	1,040.00	

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 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).....	967.38	
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).....	1,865.97	
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).....	1,876.47	
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).....	1,388.72	
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).....	1,877.44	
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).....	2,755.00	
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).....	3,669.36	
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).....	666.89	
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).....	829.80	
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).....	1,218.65	
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).....	1,151.30	
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).....	2,249.57	
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).....	2,239.07	
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).....	1,630.47	
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).....	2,261.04	
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).....	3,175.40	
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).....	4,420.82	
07 73 Roof Protection Board (07 73)				
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, Cold Adhesive Applied (Georgia-Pacific DensDeck®).....	3.98	0.57
		For No Adhesive, Deduct.....	-0.91	
07 73 00 00-0004	SF	1/2" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck®).....	4.50	0.63
		For No Adhesive, Deduct.....	-0.94	
07 73 00 00-0005	SF	5/8" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck®).....	4.74	0.69
		For No Adhesive, Deduct.....	-0.95	
07 73 00 00-0006	SF	1/4" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck® Prime).....	4.04	0.57
		For No Adhesive, Deduct.....	-0.91	
07 73 00 00-0007	SF	1/2" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck® Prime).....	4.59	0.63
		For No Adhesive, Deduct.....	-0.94	
07 73 00 00-0008	SF	5/8" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck® Prime).....	4.83	0.69
		For No Adhesive, Deduct.....	-0.95	
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, Hot-Mopped (Georgia-Pacific DensDeck®).....	3.80	0.57
07 73 00 00-0011	SF	1/2" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck®).....	4.34	0.63
07 73 00 00-0012	SF	5/8" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck®).....	4.60	0.69
07 73 00 00-0013	SF	1/4" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck® Prime).....	3.86	0.57
07 73 00 00-0014	SF	1/2" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck® Prime).....	4.43	0.63
07 73 00 00-0015	SF	5/8" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck® Prime).....	4.69	0.69



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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®)..... For Mechanically Fastened To Concrete, Add For Mechanically Fastened To Gypsum, Add For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.79 1.54 2.05 0.73 2.79 2.55 1.09 3.80 3.81	0.57
07 73 00 00-0018	SF		1/2" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck®)..... For Mechanically Fastened To Concrete, Add For Mechanically Fastened To Gypsum, Add For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.31 1.54 2.05 0.73 2.87 2.55 1.09 3.88 3.81	0.63
07 73 00 00-0019	SF		5/8" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck®)..... For Mechanically Fastened To Concrete, Add For Mechanically Fastened To Gypsum, Add For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.55 1.54 2.05 0.73 2.93 2.55 1.09 3.94 3.81	0.69
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)..... For Mechanically Fastened To Concrete, Add For Mechanically Fastened To Gypsum, Add For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.85 1.54 2.05 0.73 2.79 2.55 1.09 3.80 3.81	0.57
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)..... For Mechanically Fastened To Concrete, Add For Mechanically Fastened To Gypsum, Add For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.40 1.54 2.05 0.73 2.87 2.55 1.09 3.88 3.81	0.63
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)..... For Mechanically Fastened To Concrete, Add For Mechanically Fastened To Gypsum, Add For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.64 1.54 2.05 0.73 2.93 2.55 1.09 3.94 3.81	0.69
07 76			Roof Pavers (07 76)		
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..... For 1-1/2" Thickness, Deduct For 2-1/2" Thickness, Add For 3" Thickness, Add	12.17 -1.22 1.35 2.71	7.23
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	10.92 -1.09 1.22 2.44	5.45
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	10.22 -1.02 1.14 2.29	4.34

07 Thermal And Moisture Protection
07 70 Roof and Wall Specialties and Accessories
07 76 Roof Pavers



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 76 16 00-0005	SF		>400 To 1,000 SF, 2" Concrete Roof Paver	9.79	3.78
			For 1-1/2" Thickness, Deduct	-0.98	
			For 2-1/2" Thickness, Add	1.09	
			For 3" Thickness, Add	2.19	
07 76 16 00-0006	SF		>1,000 SF, 2" Concrete Roof Paver	9.26	3.44
			For 1-1/2" Thickness, Deduct	-0.93	
			For 2-1/2" Thickness, Add	1.03	
			For 3" Thickness, Add	2.07	
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).....	25.53	1.14
07 76 16 00-0009	EA		3" To 4-3/4" High Adjustable Roof Paver Pedestal, 3" Base, 3" Top (Hanover Elevator)	26.67	1.14
07 76 16 00-0010	EA		4-3/4" To 7-3/4" High Adjustable Roof Paver Pedestal, 4" Base, 4" Top (Hanover Elevator)	27.83	1.14
07 76 16 00-0011	EA		Adjustable Roof Paver Pedestal Coupler, Adds 2-1/2" To 4" (Hanover Elevator).....	14.25	1.14
07 76 16 00-0012	EA		Stay Bar, Used With Roof Paver Pedestals >16" High (Hanover Elevator)	12.46	1.14
07 76 16 00-0013	EA		5/8" High Tab Roof Paver Pedestal (Hanover High Tab Pedestal).....	12.77	1.14
			Note: Stackable.		
07 76 16 00-0014	EA		1/16" And 1/8" Flexible Leveling Plates For Roof Paver Pedestal	7.21	1.14
			Note: Used with High Tab and Elevator pedestals.		
07 76 16 00-0015	EA		Roof Paver Leveling System, Twist To Adjust Pitch (Hanover Compensator).....	9.46	1.14
			Note: Each Compensator levels 1/8" of slope and are stackable. Used with High Tab and Elevator pedestals.		
07 76 16 00-0016			Roof Paver (07 76 16)		
			Note: For walkway application over roofing system.		
07 76 16 00-0017	EA		2" Thick, 48" x 48" Nonimal, Reinforced Precast Concrete Pavers.....	885.76	
			Note: Custom color and finish to match existing		
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.....	5.99	
			For 20 Year Warranty, Deduct	-0.36	
			For 15 Year Warranty, Deduct	-0.73	
			For 10 Year Warranty, Deduct	-0.99	
			For Winds >90 MPH To 120 MPH Warranty, Add	0.10	
07 76 19 00-0003	SF		3" Extruded Polystyrene Insulation Board Lightguard Composite With 3/8" Latex Modified Concrete, 4.5 PSF.....	7.85	
			For 20 Year Warranty, Deduct	-0.52	
			For 15 Year Warranty, Deduct	-1.04	
			For 10 Year Warranty, Deduct	-1.40	
			For Winds >90 MPH To 120 MPH Warranty, Add	0.10	
07 76 19 00-0004	SF		2" Extruded Polystyrene Insulation Board Heavyguard Composite With 15/16" Latex Modified Concrete, 11 PSF	9.21	
			For 20 Year Warranty, Deduct	-0.60	
			For 15 Year Warranty, Deduct	-1.20	
			For 10 Year Warranty, Deduct	-1.63	
			For Winds >90 MPH To 120 MPH Warranty, Add	0.10	
07 76 19 00-0005	SF		3" Extruded Polystyrene Insulation Board Heavyguard Composite With 15/16" Latex Modified Concrete, 11 PSF	11.15	
			For 20 Year Warranty, Deduct	-0.75	
			For 15 Year Warranty, Deduct	-1.51	
			For 10 Year Warranty, Deduct	-2.04	
			For Winds >90 MPH To 120 MPH Warranty, Add	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.....	2.26	0.76
07 81 16 00-0003	SF		Monokote Fireproofing For Structural Steel, Per Inch Of Thickness	3.12	1.14
07 81 16 00-0004			Gunite Fireproofing (07 81 16)		
07 81 16 00-0005	SF		1" Thick, Non-Reinforced, Gunite Fireproofing	3.01	0.67
07 81 16 00-0006	SF		1" Thick, Reinforced, Gunite Fireproofing	4.28	0.67
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)	17.19	
			For >10,000, Deduct	-1.66	
07 81 23 00-0004	SF		1-1/2 Hour, Intumescent Thin Film Fireproofing For Beams (Albi Clad TF)	27.80	
			For >10,000, Deduct	-2.72	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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)..... For >10,000, Deduct	11.00 -1.04	
07 81 23 00-0007	SF		1-1/2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)..... For >10,000, Deduct	24.85 -2.42	
07 81 23 00-0008	SF		2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)..... For >10,000, Deduct	56.74 -5.61	
07 81 23 00-0009	SF		2-1/2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)..... For >10,000, Deduct	78.24 -7.75	
07 81 23 00-0010	SF		3 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)..... For >10,000, Deduct	99.77 -9.90	
07 81 23 00-0011	SF		3-1/2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF)..... For >10,000, Deduct	121.32 -12.05	
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)..... For >10,000, Deduct	22.62 -2.20	
07 81 23 00-0014	SF		1-1/2 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)..... For >10,000, Deduct	42.36 -4.17	
07 81 23 00-0015	SF		2 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)..... For >10,000, Deduct	67.47 -6.68	
07 81 23 00-0016	SF		2-1/2 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)..... For >10,000, Deduct	94.35 -9.37	
07 81 23 00-0017	SF		3 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF)..... For >10,000, Deduct	119.46 -11.87	
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)..... For >10,000, Deduct	10.89 -1.05	
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)..... For >10,000, Deduct	25.13 -2.47	
07 81 23 00-0022	SF		2 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)..... For >10,000, Deduct	57.94 -5.75	
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)..... For >10,000, Deduct	80.06 -7.96	
07 81 23 00-0024	SF		3 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)..... For >10,000, Deduct	102.20 -10.17	
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 Thickness.....	2.61	0.67
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).....	67.17	
07 84 13 16-0004	EA		2" Diameter Intumescent Firestop Sleeve (STI FS201).....	92.06	
07 84 13 16-0005	EA		4" Diameter Intumescent Firestop Sleeve (STI FS401).....	152.63	
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).....	127.30	
07 84 13 16-0008	EA		3" x 3" Intumescent Firestop Cable Pathway Through Up To 9" Thick Walls (STI EZDP33FWS).....	226.44	
07 84 13 16-0009	EA		4" x 4-5/8" Intumescent Firestop Cable Pathway Through Up To 10" Thick Walls (STI EZDP44).....	418.48	

07 Thermal And Moisture Protection**07 80 Fire and Smoke Protection****07 84 Firestopping**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

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)	287.83	
07 84 13 16-0012	EA 4" Square Opening, Intumescent Firestop Multi-Trade Pass Through Device (3M QP4SD)	265.83	
07 84 13 16-0013	EA 4" Diameter Intumescent Firestop Multi-Trade Pass Through Device (3M QP2.5SD)	274.19	
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)	41.42	11.14
07 84 13 16-0016	EA 2" Intumescent Firestop Pipe Collar (3M ULTRAPPD2.0)	50.64	11.14
07 84 13 16-0017	EA 3" Intumescent Firestop Pipe Collar (3M ULTRAPPD3.0)	59.11	12.26
07 84 13 16-0018	EA 4" Intumescent Firestop Pipe Collar (3M ULTRAPPD4.0)	94.11	13.93
07 84 13 16-0019	EA 8" Intumescent Firestop Pipe Collar (Hilti CP644 8")	478.03	16.71
07 84 13 16-0020	EA 10" Intumescent Firestop Pipe Collar (Hilti CP644 10")	618.56	18.38
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)	164.72	
	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)	175.28	
	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)	352.14	
	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)	221.72	
	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)	7.03	
07 84 13 19	Penetration Firestopping Caulk (07 84 13)		
07 84 13 19-0001	Intumescent Firestopping For Sealing Pipe Penetrations (3M CP 25WB+) (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+)	21.89	
	For Intumescent Sealant For Plastic Pipe, Add	0.08	
07 84 13 19-0003	EA 1-1/2" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	27.08	
	For Intumescent Sealant For Plastic Pipe, Add	0.42	
07 84 13 19-0004	EA 1-1/2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	26.81	
	For Intumescent Sealant For Plastic Pipe, Add	0.31	
07 84 13 19-0005	EA 1-1/2" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	26.37	
	For Intumescent Sealant For Plastic Pipe, Add	0.14	
07 84 13 19-0006	EA 2" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	31.52	
	For Intumescent Sealant For Plastic Pipe, Add	0.89	
07 84 13 19-0007	EA 2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	31.26	
	For Intumescent Sealant For Plastic Pipe, Add	0.79	
07 84 13 19-0008	EA 2" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	30.82	
	For Intumescent Sealant For Plastic Pipe, Add	0.61	
07 84 13 19-0009	EA 2" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	30.14	
	For Intumescent Sealant For Plastic Pipe, Add	0.34	
07 84 13 19-0010	EA 2" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	29.55	
	For Intumescent Sealant For Plastic Pipe, Add	0.10	
07 84 13 19-0011	EA 2-1/2" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	38.45	
	For Intumescent Sealant For Plastic Pipe, Add	1.50	
07 84 13 19-0012	EA 2-1/2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	38.19	
	For Intumescent Sealant For Plastic Pipe, Add	1.40	
07 84 13 19-0013	EA 2-1/2" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	37.75	
	For Intumescent Sealant For Plastic Pipe, Add	1.22	
07 84 13 19-0014	EA 2-1/2" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	37.06	
	For Intumescent Sealant For Plastic Pipe, Add	0.94	
07 84 13 19-0015	EA 2-1/2" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	36.49	
	For Intumescent Sealant For Plastic Pipe, Add	0.72	
07 84 13 19-0016	EA 2-1/2" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	35.11	
	For Intumescent Sealant For Plastic Pipe, Add	0.16	
07 84 13 19-0017	EA 3" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	53.49	
	For Intumescent Sealant For Plastic Pipe, Add	4.04	
07 84 13 19-0018	EA 3" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	48.74	
	For Intumescent Sealant For Plastic Pipe, Add	2.14	
07 84 13 19-0019	EA 3" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	48.30	
	For Intumescent Sealant For Plastic Pipe, Add	1.97	
07 84 13 19-0020	EA 3" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	47.61	
	For Intumescent Sealant For Plastic Pipe, Add	1.69	
07 84 13 19-0021	EA 3" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	47.03	
	For Intumescent Sealant For Plastic Pipe, Add	1.46	
07 84 13 19-0022	EA 3" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	45.66	
	For Intumescent Sealant For Plastic Pipe, Add	0.91	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 13 19-0023	EA		3" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	43.88	
			For Intumescent Sealant For Plastic Pipe, Add	0.20	
07 84 13 19-0024	EA		4" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	72.89	
			For Intumescent Sealant For Plastic Pipe, Add	7.46	
07 84 13 19-0025	EA		4" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	72.40	
			For Intumescent Sealant For Plastic Pipe, Add	7.27	
07 84 13 19-0026	EA		4" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	71.62	
			For Intumescent Sealant For Plastic Pipe, Add	6.96	
07 84 13 19-0027	EA		4" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	70.39	
			For Intumescent Sealant For Plastic Pipe, Add	6.46	
07 84 13 19-0028	EA		4" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	69.34	
			For Intumescent Sealant For Plastic Pipe, Add	6.04	
07 84 13 19-0029	EA		4" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	61.25	
			For Intumescent Sealant For Plastic Pipe, Add	2.81	
07 84 13 19-0030	EA		4" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	59.47	
			For Intumescent Sealant For Plastic Pipe, Add	2.10	
07 84 13 19-0031	EA		4" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	56.77	
			For Intumescent Sealant For Plastic Pipe, Add	1.02	
07 84 13 19-0032	EA		6" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	118.96	
			For Intumescent Sealant For Plastic Pipe, Add	17.22	
07 84 13 19-0033	EA		6" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	118.48	
			For Intumescent Sealant For Plastic Pipe, Add	17.02	
07 84 13 19-0034	EA		6" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	117.70	
			For Intumescent Sealant For Plastic Pipe, Add	16.71	
07 84 13 19-0035	EA		6" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	116.47	
			For Intumescent Sealant For Plastic Pipe, Add	16.22	
07 84 13 19-0036	EA		6" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	115.43	
			For Intumescent Sealant For Plastic Pipe, Add	15.80	
07 84 13 19-0037	EA		6" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	112.95	
			For Intumescent Sealant For Plastic Pipe, Add	14.81	
07 84 13 19-0038	EA		6" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	109.75	
			For Intumescent Sealant For Plastic Pipe, Add	13.53	
07 84 13 19-0039	EA		6" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	104.89	
			For Intumescent Sealant For Plastic Pipe, Add	11.59	
07 84 13 19-0040	EA		6" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	86.60	
			For Intumescent Sealant For Plastic Pipe, Add	4.27	
07 84 13 19-0041	EA		8" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	160.16	
			For Intumescent Sealant For Plastic Pipe, Add	27.19	
07 84 13 19-0042	EA		8" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	155.29	
			For Intumescent Sealant For Plastic Pipe, Add	25.24	
07 84 13 19-0043	EA		8" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	145.54	
			For Intumescent Sealant For Plastic Pipe, Add	21.34	
07 84 13 19-0044	EA		8" Diameter Hole With 6" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	105.76	
			For Intumescent Sealant For Plastic Pipe, Add	5.43	
07 84 13 19-0045	EA		10" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	205.73	
			For Intumescent Sealant For Plastic Pipe, Add	38.91	
07 84 13 19-0046	EA		10" Diameter Hole With 6" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	176.80	
			For Intumescent Sealant For Plastic Pipe, Add	27.34	
07 84 13 19-0047	EA		10" Diameter Hole With 8" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+).....	125.75	
			For Intumescent Sealant For Plastic Pipe, Add	6.92	
07 84 13 19-0048			Intumescent Firestopping For Sealing Pipe Penetrations (STI SpecSeal SSS Series) (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 Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	26.93	
07 84 13 19-0050	EA		1-1/2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	26.65	
07 84 13 19-0051	EA		1-1/2" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	26.33	
07 84 13 19-0052	EA		2" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	31.11	
07 84 13 19-0053	EA		2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	30.83	
07 84 13 19-0054	EA		2" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	30.51	
07 84 13 19-0055	EA		2" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	29.57	
07 84 13 19-0056	EA		2.5" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	37.97	
07 84 13 19-0057	EA		2.5" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	37.69	
07 84 13 19-0058	EA		2.5" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	37.37	
07 84 13 19-0059	EA		2.5" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	36.89	
07 84 13 19-0060	EA		2.5" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	36.43	
07 84 13 19-0061	EA		2.5" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	35.24	
07 84 13 19-0062	EA		3" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	48.17	
07 84 13 19-0063	EA		3" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	47.89	
07 84 13 19-0064	EA		3" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	47.57	
07 84 13 19-0065	EA		3" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	47.09	
07 84 13 19-0066	EA		3" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	46.63	
07 84 13 19-0067	EA		3" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	45.44	
07 84 13 19-0068	EA		3" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	43.71	
07 84 13 19-0069	EA		4" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	63.18	
07 84 13 19-0070	EA		4" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	62.90	
07 84 13 19-0071	EA		4" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	62.58	
07 84 13 19-0072	EA		4" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	61.99	
07 84 13 19-0073	EA		4" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	61.41	
07 84 13 19-0074	EA		4" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	60.22	
07 84 13 19-0075	EA		4" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	58.72	
07 84 13 19-0076	EA		4" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	56.34	

07 Thermal And Moisture Protection**07 80 Fire and Smoke Protection****07 84 Firestopping**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 84 13 19-0077	EA	6" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	96.52	
07 84 13 19-0078	EA	6" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	96.24	
07 84 13 19-0079	EA	6" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	95.92	
07 84 13 19-0080	EA	6" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	95.44	
07 84 13 19-0081	EA	6" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	94.99	
07 84 13 19-0082	EA	6" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	93.79	
07 84 13 19-0083	EA	6" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	92.06	
07 84 13 19-0084	EA	6" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	89.92	
07 84 13 19-0085	EA	6" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	84.04	
07 84 13 19-0086	EA	8" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	124.73	
07 84 13 19-0087	EA	8" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	122.58	
07 84 13 19-0088	EA	8" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	117.60	
07 84 13 19-0089	EA	8" Diameter Hole With 6" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	104.07	
07 84 13 19-0090	EA	10" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	155.03	
07 84 13 19-0091	EA	10" Diameter Hole With 6" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	141.49	
07 84 13 19-0092	EA	10" Diameter Hole With 8" Pipe, Sealed With Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	123.15	

07 84 13 19-0093 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 19-0094	EA	1-1/2" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	26.39	
07 84 13 19-0095	EA	1-1/2" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	26.29	
07 84 13 19-0096	EA	1-1/2" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	26.15	
07 84 13 19-0097	EA	2" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	30.04	
07 84 13 19-0098	EA	2" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	29.93	
07 84 13 19-0099	EA	2" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	29.79	
07 84 13 19-0100	EA	2" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	29.59	
07 84 13 19-0101	EA	2" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	29.39	
07 84 13 19-0102	EA	2.5" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	35.99	
07 84 13 19-0103	EA	2.5" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	35.90	
07 84 13 19-0104	EA	2.5" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	35.75	
07 84 13 19-0105	EA	2.5" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	35.54	
07 84 13 19-0106	EA	2.5" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	35.36	
07 84 13 19-0107	EA	2.5" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	34.88	
07 84 13 19-0108	EA	3" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	45.29	
07 84 13 19-0109	EA	3" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	45.20	
07 84 13 19-0110	EA	3" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	45.06	
07 84 13 19-0111	EA	3" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	44.84	
07 84 13 19-0112	EA	3" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	44.66	
07 84 13 19-0113	EA	3" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	44.18	
07 84 13 19-0114	EA	3" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	43.53	
07 84 13 19-0115	EA	4" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	57.79	
07 84 13 19-0116	EA	4" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	57.69	
07 84 13 19-0117	EA	4" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	57.55	
07 84 13 19-0118	EA	4" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	57.32	
07 84 13 19-0119	EA	4" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	57.10	
07 84 13 19-0120	EA	4" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	56.62	
07 84 13 19-0121	EA	4" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	56.03	
07 84 13 19-0122	EA	4" Diameter Hole With 3" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	55.08	
07 84 13 19-0123	EA	6" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	84.12	
07 84 13 19-0124	EA	6" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	84.02	



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 19-0125	EA		6" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	83.88	
07 84 13 19-0126	EA		6" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	83.68	
07 84 13 19-0127	EA		6" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	83.49	
07 84 13 19-0128	EA		6" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	83.01	
07 84 13 19-0129	EA		6" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	82.36	
07 84 13 19-0130	EA		6" Diameter Hole With 3" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	81.47	
07 84 13 19-0131	EA		6" Diameter Hole With 4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	79.55	
07 84 13 19-0132	EA		8" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	105.14	
07 84 13 19-0133	EA		8" Diameter Hole With 3" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	104.25	
07 84 13 19-0134	EA		8" Diameter Hole With 4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	102.33	
07 84 13 19-0135	EA		8" Diameter Hole With 6" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	96.88	
07 84 13 19-0136	EA		10" Diameter Hole With 4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	127.01	
07 84 13 19-0137	EA		10" Diameter Hole With 6" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	121.55	
07 84 13 19-0138	EA		10" Diameter Hole With 8" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	114.34	
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+).....	36.32	
07 84 16 00-0004	EA		2 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+).....	53.12	
07 84 16 00-0005	EA		3 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+).....	55.29	
07 84 16 00-0006	EA		4 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+).....	57.46	
07 84 16 00-0007	EA		5 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+).....	59.63	
07 84 16 00-0008	EA		6 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+).....	76.42	
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).....	14.37	
07 84 16 00-0011	EA		Double Switch Wall Plate, Intumescent Firestop Gasket (RectorSeal 66274).....	14.99	
07 84 16 00-0012	EA		Single Receptacle Wall Plate, Intumescent Firestop Gasket (RectorSeal 66272).....	13.85	
07 84 16 00-0013	EA		Double Receptacle Wall Plate, Intumescent Firestop Gasket (RectorSeal 66270).....	15.03	
07 84 16 00-0014	EA		Single Decor Wall Plate, Intumescent Firestop Gasket (RectorSeal 66266).....	14.57	
07 84 16 00-0015	EA		Double Decor Wall Plate, Intumescent Firestop Gasket (RectorSeal 66265).....	13.92	
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).....	40.56	
07 84 16 00-0018	EA		2" x 6" x 9" Intumescent Fire Barrier Pillow (3M FB269).....	43.57	
07 84 16 00-0019	EA		3" x 6" x 9" Intumescent Fire Barrier Pillow (3M FB369).....	47.27	
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).....	363.66	
07 84 16 00-0022	EA		36" x 24" Intumescent Firestop Sheet (3M CS-195+3x2).....	517.51	
07 84 16 00-0023	EA		36" x 36" Intumescent Firestop Sheet (3M CS-195+3x3).....	704.60	
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).....	52.97	
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+).....	149.46	
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).....	188.37	
07 84 23 Silicone Firestopping Foams (07 84)					

07 Thermal And Moisture Protection**07 80 Fire and Smoke Protection****07 84 Firestopping**MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST**07 84 23 00-0001 Silicone RTV Foam Seal For Blank Openings** (07 84 23)

Note: Includes 7" depth of silicone foam barrier and 1" depth backer board

07 84 23 00-0002	EA	2" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam.....	43.13	
07 84 23 00-0003	EA	4" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam.....	96.93	
07 84 23 00-0004	EA	6" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam.....	176.04	
07 84 23 00-0005	EA	8" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam.....	266.67	
07 84 23 00-0006	EA	10" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam.....	382.45	
07 84 23 00-0007	EA	12" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam.....	520.71	
07 84 23 00-0008	EA	16" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam.....	1,069.42	
07 84 23 00-0009	EA	20" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam.....	1,605.11	
07 84 23 00-0010	EA	24" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam.....	2,256.97	

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+)	396.39	97.61
		For Up To 6 CLF, Add	22.41	
		For >30 CLF, Deduct	-25.00	
07 84 43 00-0003	CLF	1/4" x 3/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	448.21	97.61
		For Up To 4 CLF, Add	26.30	
		For >20 CLF, Deduct	-30.18	
07 84 43 00-0004	CLF	1/4" x 1/2" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	510.83	100.86
		For Up To 3 CLF, Add	30.72	
		For >15 CLF, Deduct	-35.90	
07 84 43 00-0005	CLF	3/8" x 3/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	536.73	100.86
		For Up To 2.5 CLF, Add	32.66	
		For >13 CLF, Deduct	-38.49	
07 84 43 00-0006	CLF	3/8" x 1/2" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	614.42	100.86
		For Up To 2 CLF, Add	38.49	
		For >10 CLF, Deduct	-46.26	
07 84 43 00-0007	CLF	3/8" x 5/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	692.10	100.86
		For Up To 1.5 CLF, Add	44.32	
		For >8 CLF, Deduct	-54.03	
07 84 43 00-0008	CLF	3/8" x 3/4" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	780.64	105.20
		For Up To 1.3 CLF, Add	50.69	
		For >7 CLF, Deduct	-62.34	
07 84 43 00-0009	CLF	1/2" x 1/2" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	728.85	105.20
		For Up To 1.4 CLF, Add	46.80	
		For >7.5 CLF, Deduct	-57.16	
07 84 43 00-0010	CLF	1/2" x 5/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	843.28	108.45
		For Up To 1.15 CLF, Add	55.11	
		For >6 CLF, Deduct	-68.06	
07 84 43 00-0011	CLF	1/2" x 3/4" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	946.86	108.45
		For Up To 1 CLF, Add	62.88	
		For >5 CLF, Deduct	-78.42	
07 84 43 00-0012	CLF	1/2" x 7/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	1,061.29	111.71
		For Up To 0.8 CLF, Add	71.19	
		For >4.5 CLF, Deduct	-89.32	
07 84 43 00-0013	CLF	1/2" x 1" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	1,175.72	116.05
		For Up To 0.75 CLF, Add	79.50	
		For >4 CLF, Deduct	-100.22	
07 84 43 00-0014	CLF	3/4" x 3/4" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	1,290.14	119.30
		For Up To 0.65 CLF, Add	87.81	
		For >3.5 CLF, Deduct	-111.12	
07 84 43 00-0015	CLF	3/4" x 1" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	1,633.42	130.15
		For Up To 0.5 CLF, Add	112.75	
		For >2.5 CLF, Deduct	-143.82	
		For Silicone Sealant (Bio Fireshield BFS 100 or 200), add	186.45	
07 84 43 00-0016	CLF	1" x 1" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	2,091.13	144.25
		For Up To 0.4 CLF, Add	145.99	
		For >2 CLF, Deduct	-187.42	

07 84 43 00-0017 Latex-Based, Intumescent Firestop Sealant For Joints (STI SSS Series) (07 84)

07 84 43 00-0018	CLF	1/4" x 1/4" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	410.81	97.61
		For Up To 6 CLF, Add	23.49	
		For >30 CLF, Deduct	-26.44	
07 84 43 00-0019	CLF	1/4" x 3/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	469.81	97.61
		For Up To 4 CLF, Add	27.92	
		For >20 CLF, Deduct	-32.34	
07 84 43 00-0020	CLF	1/4" x 1/2" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	539.64	100.86
		For Up To 3 CLF, Add	32.88	
		For >15 CLF, Deduct	-38.78	
07 84 43 00-0021	CLF	3/8" x 3/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	569.13	100.86
		For Up To 2.5 CLF, Add	35.09	
		For >13 CLF, Deduct	-41.73	
07 84 43 00-0022	CLF	3/8" x 1/2" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	657.62	100.86
		For Up To 2 CLF, Add	41.73	
		For >10 CLF, Deduct	-50.58	
07 84 43 00-0023	CLF	3/8" x 5/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	746.11	100.86
		For Up To 1.5 CLF, Add	48.37	
		For >8 CLF, Deduct	-59.43	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 43 00-0024	CLF	3/8" x 3/4" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	845.45	105.20	
		For Up To 1.3 CLF, Add	55.55		
		For >7 CLF, Deduct	-68.82		
07 84 43 00-0025	CLF	1/2" x 1/2" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	786.46	105.20	
		For Up To 1.4 CLF, Add	51.12		
		For >7.5 CLF, Deduct	-62.92		
07 84 43 00-0026	CLF	1/2" x 5/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	915.29	108.45	
		For Up To 1.15 CLF, Add	60.51		
		For >6 CLF, Deduct	-75.26		
07 84 43 00-0027	CLF	1/2" x 3/4" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	1,033.27	108.45	
		For Up To 1 CLF, Add	69.36		
		For >5 CLF, Deduct	-87.06		
07 84 43 00-0028	CLF	1/2" x 7/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	1,162.10	111.71	
		For Up To 0.8 CLF, Add	78.75		
		For >4.5 CLF, Deduct	-99.40		
07 84 43 00-0029	CLF	1/2" x 1" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	1,290.93	116.05	
		For Up To 0.75 CLF, Add	88.14		
		For >4 CLF, Deduct	-111.74		
07 84 43 00-0030	CLF	3/4" x 3/4" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	1,419.75	119.30	
		For Up To 0.65 CLF, Add	97.53		
		For >3.5 CLF, Deduct	-124.08		
07 84 43 00-0031	CLF	3/4" x 1" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	1,806.25	130.15	
		For Up To 0.5 CLF, Add	125.71		
		For >2.5 CLF, Deduct	-161.10		
07 84 43 00-0032	CLF	1" x 1" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	2,321.56	144.25	
		For Up To 0.4 CLF, Add	163.27		
		For >2 CLF, Deduct	-210.47		
07 84 43 00-0033		Passive Smoke And Fire Protection Sealant For Joints (STI ES Series)			
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)	353.86	97.61	
		For Up To 6 CLF, Add	19.22		
		For >30 CLF, Deduct	-20.74		
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)	384.37	97.61	
		For Up To 4 CLF, Add	21.51		
		For >20 CLF, Deduct	-23.80		
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)	425.72	100.86	
		For Up To 3 CLF, Add	24.34		
		For >15 CLF, Deduct	-27.39		
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)	440.98	100.86	
		For Up To 2.5 CLF, Add	25.48		
		For >13 CLF, Deduct	-28.91		
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)	486.75	100.86	
		For Up To 2 CLF, Add	28.91		
		For >10 CLF, Deduct	-33.49		
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)	532.52	100.86	
		For Up To 1.5 CLF, Add	32.35		
		For >8 CLF, Deduct	-38.07		
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)	589.14	105.20	
		For Up To 1.3 CLF, Add	36.32		
		For >7 CLF, Deduct	-43.19		
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)	558.62	105.20	
		For Up To 1.4 CLF, Add	34.03		
		For >7.5 CLF, Deduct	-40.14		
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)	630.50	108.45	
		For Up To 1.15 CLF, Add	39.15		
		For >6 CLF, Deduct	-46.78		
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)	691.53	108.45	
		For Up To 1 CLF, Add	43.73		
		For >5 CLF, Deduct	-52.88		
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)	763.39	111.71	
		For Up To 0.8 CLF, Add	48.85		
		For >4.5 CLF, Deduct	-59.53		
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)	835.27	116.05	
		For Up To 0.75 CLF, Add	53.97		
		For >4 CLF, Deduct	-66.17		
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)	907.13	119.30	
		For Up To 0.65 CLF, Add	59.09		
		For >3.5 CLF, Deduct	-72.82		

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 00-0047	CLF	3/4" x 1" Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series)	.....	1,122.75	130.15
		For Up To 0.5 CLF, Add	.....	74.45	
		For >2.5 CLF, Deduct	.....	-92.75	
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)	.....	1,410.24	144.25
		For Up To 0.4 CLF, Add	.....	94.92	
		For >2 CLF, Deduct	.....	-119.33	
07 84 43 00-0049		Elastomeric Spray Firestopping For Joints And Penetrations (07 84 43)			
07 84 43 00-0050	LF	1" Joint Width, 1/8" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	.....	0.86	
07 84 43 00-0051	LF	2" Joint Width, 1/8" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	.....	1.72	
07 84 43 00-0052	LF	3" Joint Width, 1/8" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	.....	2.48	
07 84 43 00-0053	LF	4" Joint Width, 1/8" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	.....	3.37	
07 84 43 00-0054	LF	5" Joint Width, 1/8" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	.....	4.17	
07 84 43 00-0055	LF	6" Joint Width, 1/8" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	.....	5.10	
07 84 43 00-0056	LF	1" Joint Width, 1/4" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	.....	1.73	
07 84 43 00-0057	LF	2" Joint Width, 1/4" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	.....	3.45	
07 84 43 00-0058	LF	3" Joint Width, 1/4" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	.....	4.97	
07 84 43 00-0059	LF	4" Joint Width, 1/4" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	.....	6.74	
07 84 43 00-0060	LF	5" Joint Width, 1/4" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	.....	8.35	
07 84 43 00-0061	LF	6" Joint Width, 1/4" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	.....	10.19	
07 84 43 00-0062	LF	1" Joint Width, 1/2" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	.....	3.46	
07 84 43 00-0063	LF	2" Joint Width, 1/2" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	.....	6.90	
07 84 43 00-0064	LF	3" Joint Width, 1/2" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	.....	9.95	
07 84 43 00-0065	LF	4" Joint Width, 1/2" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	.....	13.48	
07 84 43 00-0066	LF	5" Joint Width, 1/2" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	.....	16.69	
07 84 43 00-0067	LF	6" Joint Width, 1/2" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	.....	20.38	
07 84 43 00-0068	LF	1" Joint Width, 1" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	.....	6.92	
07 84 43 00-0069	LF	2" Joint Width, 1" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	.....	13.80	
07 84 43 00-0070	LF	3" Joint Width, 1" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	.....	19.90	
07 84 43 00-0071	LF	4" Joint Width, 1" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	.....	26.98	
07 84 43 00-0072	LF	5" Joint Width, 1" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	.....	33.39	
07 84 43 00-0073	LF	6" Joint Width, 1" Installed Depth, Elastomeric Spray Firestopping For Joints And Penetrations (SpecSeal AS200)	.....	40.77	
07 84 43 00-0074		Intumescent Firestopping Sealant For Joints (07 84 43)			
07 84 43 00-0075	CLF	1/4" x 1/4" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series)	.....	378.81	97.61
		For Up To 6 CLF, Add	.....	21.09	
		For >30 CLF, Deduct	.....	-23.24	
07 84 43 00-0076	CLF	1/4" x 3/8" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series)	.....	421.80	97.61
		For Up To 4 CLF, Add	.....	24.31	
		For >20 CLF, Deduct	.....	-27.54	
07 84 43 00-0077	CLF	1/4" x 1/2" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series)	.....	475.63	100.86
		For Up To 3 CLF, Add	.....	28.08	
		For >15 CLF, Deduct	.....	-32.38	
07 84 43 00-0078	CLF	3/8" x 3/8" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series)	.....	497.13	100.86
		For Up To 2.5 CLF, Add	.....	29.69	
		For >13 CLF, Deduct	.....	-34.53	
07 84 43 00-0079	CLF	3/8" x 1/2" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series)	.....	561.61	100.86
		For Up To 2 CLF, Add	.....	34.53	
		For >10 CLF, Deduct	.....	-40.98	
07 84 43 00-0080	CLF	3/8" x 5/8" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series)	.....	626.10	100.86
		For Up To 1.5 CLF, Add	.....	39.37	
		For >8 CLF, Deduct	.....	-47.43	
07 84 43 00-0081	CLF	3/8" x 3/4" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series)	.....	701.44	105.20
		For Up To 1.3 CLF, Add	.....	44.75	
		For >7 CLF, Deduct	.....	-54.42	
07 84 43 00-0082	CLF	1/2" x 1/2" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series)	.....	658.45	105.20
		For Up To 1.4 CLF, Add	.....	41.52	
		For >7.5 CLF, Deduct	.....	-50.12	
07 84 43 00-0083	CLF	1/2" x 5/8" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series)	.....	755.28	108.45
		For Up To 1.15 CLF, Add	.....	48.51	
		For >6 CLF, Deduct	.....	-59.26	



Thermal And Moisture Protection			07
Fire and Smoke Protection			07 80
Firestopping			07 84

07

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 43 00-0084	CLF	1/2" x 3/4" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	841.26	108.45	
		For Up To 1 CLF, Add	54.96		
		For >5 CLF, Deduct	-67.86		
07 84 43 00-0085	CLF	1/2" x 7/8" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	938.08	111.71	
		For Up To 0.8 CLF, Add	61.95		
		For >4.5 CLF, Deduct	-77.00		
07 84 43 00-0086	CLF	1/2" x 1" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	1,034.91	116.05	
		For Up To 0.75 CLF, Add	68.94		
		For >4 CLF, Deduct	-86.14		
07 84 43 00-0087	CLF	3/4" x 3/4" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	1,131.73	119.30	
		For Up To 0.65 CLF, Add	75.93		
		For >3.5 CLF, Deduct	-95.28		
07 84 43 00-0088	CLF	3/4" x 1" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	1,422.22	130.15	
		For Up To 0.5 CLF, Add	96.97		
		For >2.5 CLF, Deduct	-122.70		
07 84 43 00-0089	CLF	1" x 1" Joint, Intumescent Firestop Sealant (STI SpecSeal SSS Series).....	1,899.52	144.25	
		For Up To 0.4 CLF, Add	124.87		
		For >2 CLF, Deduct	-159.26		

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).....	11.02		
		For Work In Restricted Working Space, Add	1.34		
07 84 56 13-0003	SF	1-1/2" Thick Fire Barrier Duct Wrap (3M Duct Wrap 15A).....	18.07		
		Note: Includes cutting wrap to fit pipe or conduit and sealing edges.			
		For Work In Restricted Working Space, Add	1.34		
07 84 56 13-0004	SF	2" Thick Fire Barrier Duct Wrap (3M Duct Wrap 20A).....	19.77		
		Note: Includes cutting wrap to fit pipe or conduit and sealing edges.			
		For Work In Restricted Working Space, Add	1.34		

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.....	18.94	10.74	
		For Work In Restricted Working Space, Add	4.32		
		For >500 To 5,000, Deduct	-1.77		
		For >5,000, Deduct	-3.12		
07 84 56 13-0007	SF	1" Thermal Ceramics FireMaster Blanket Wrap.....	22.70	10.74	
		For Work In Restricted Working Space, Add	4.32		
		For >500 To 5,000, Deduct	-2.63		
		For >5,000, Deduct	-4.51		
07 84 56 13-0008	SF	1-1/2" Thermal Ceramics FireMaster Blanket Wrap.....	26.83	10.74	
		For Work In Restricted Working Space, Add	4.32		
		For >500 To 5,000, Deduct	-3.58		
		For >5,000, Deduct	-6.04		
07 84 56 13-0009	SF	2" Thermal Ceramics FireMaster Blanket Wrap.....	30.96	10.74	
		For Work In Restricted Working Space, Add	4.32		
		For >500 To 5,000, Deduct	-4.53		
		For >5,000, Deduct	-7.57		

07 84 56 13-0010 Fire Safing (SAFE), Mineral Wool Insulation (07 84 56 13)

07 84 56 13-0011	SF	4" Thick, Fire Safing (SAFE), Mineral Wool Insulation (Rockwool Roxul).....	3.73	0.43	
		For Work In Restricted Working Space, Add	0.35		

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.....	2.09	0.57	
07 91 23 00-0003	LF	3/8" Polyethylene Or Polyurethane Backer Rod.....	2.25	0.57	
07 91 23 00-0004	LF	1/2" Polyethylene Or Polyurethane Backer Rod.....	2.51	0.57	
07 91 23 00-0005	LF	5/8" Polyethylene Or Polyurethane Backer Rod.....	2.93	0.57	
07 91 23 00-0006	LF	3/4" Polyethylene Or Polyurethane Backer Rod.....	3.06	0.69	
07 91 23 00-0007	LF	7/8" Polyethylene Or Polyurethane Backer Rod.....	3.41	0.69	
07 91 23 00-0008	LF	1" Polyethylene Or Polyurethane Backer Rod.....	4.33	0.69	
07 91 23 00-0009	LF	1-1/4" Polyethylene Or Polyurethane Backer Rod.....	5.21	0.80	
07 91 23 00-0010	LF	1-1/2" Polyethylene Or Polyurethane Backer Rod.....	6.20	0.91	
07 91 23 00-0011	LF	2" Polyethylene Or Polyurethane Backer Rod.....	8.51	1.03	
07 91 23 00-0012	LF	3" Polyethylene Or Polyurethane Backer Rod.....	17.62	1.27	

07 91 26 Joint Fillers (07 91)**07 91 26 00-0001 Butyl Rubber Fillers** (07 91 26)

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 26 00-0002	LF	1/4" x 1/4" Butyl Rubber Filler	.....	2.64	0.69
		For Custom Match Coloring, Add	.....	0.05	
07 91 26 00-0003	LF	1/2" x 1/2" Butyl Rubber Filler	.....	7.97	1.95
		For Custom Match Coloring, Add	.....	0.19	
07 91 26 00-0004	LF	1/2" x 3/4" Butyl Rubber Filler	.....	9.68	2.07
		For Custom Match Coloring, Add	.....	0.30	
07 91 26 00-0005	LF	3/4" x 3/4" Butyl Rubber Filler	.....	10.57	2.18
07 91 26 00-0006	LF	1" x 1" Butyl Rubber Filler	.....	14.24	4.02
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	.....	456.32	132.31
07 91 26 00-0009	CLF	1/8" x 6" Neoprene Gasket Closed Cell, Adhesive	.....	729.05	191.13
07 91 26 00-0010	CLF	1/4" x 3" Neoprene Gasket Closed Cell, Adhesive	.....	584.15	163.84
07 91 26 00-0011	CLF	1/4" x 6" Neoprene Gasket Closed Cell, Adhesive	.....	670.48	171.98
07 91 26 00-0012	CLF	1/2" x 3" Neoprene Gasket Closed Cell, Adhesive	.....	1,023.34	264.62
07 91 26 00-0013	CLF	1/2" x 9" Neoprene Gasket Closed Cell, Adhesive	.....	1,168.61	286.63
07 91 26 00-0014	CLF	1/2" x 12" Neoprene Gasket Closed Cell, Adhesive	.....	1,049.57	208.44
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	.....	465.74	163.84
07 91 26 00-0017	CLF	1/8" x 6" Polyethylene Joint Backing, Closed Cell	.....	785.58	264.62
07 91 26 00-0018	CLF	1/4" x 3" Polyethylene Joint Backing, Closed Cell	.....	608.22	225.87
07 91 26 00-0019	CLF	1/4" x 6" Polyethylene Joint Backing, Closed Cell	.....	730.14	238.48
07 91 26 00-0020	CLF	1/2" x 6" Polyethylene Joint Backing, Closed Cell	.....	1,111.80	365.75
07 91 26 00-0021	CLF	1/2" x 9" Polyethylene Joint Backing, Closed Cell	.....	1,299.46	396.93
07 91 26 00-0022	CLF	1/2" x 12" Polyethylene Joint Backing, Closed Cell	.....	1,717.60	475.81
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	.....	158.62	26.26
07 91 26 00-0025	CLF	1/2" x 1/2" Silicon RTV Foam Seal	.....	317.24	52.39
07 91 26 00-0026	CLF	1/2" x 3/4" Silicon RTV Foam Seal	.....	472.91	77.85
07 91 26 00-0027	CLF	3/4" x 3/4" Silicon RTV Foam Seal	.....	670.15	104.91
07 91 26 00-0028	CLF	1/8" x 1" Silicon RTV Foam Seal	.....	158.62	26.26
07 91 26 00-0029	CLF	1/8" x 3" Silicon RTV Foam Seal	.....	472.44	77.62
07 91 26 00-0030	CLF	1/4" x 3" Silicon RTV Foam Seal	.....	815.83	116.60
07 91 26 00-0031	CLF	1/4" x 6" Silicon RTV Foam Seal	.....	1,629.62	232.40
07 91 26 00-0032	CLF	1/2" x 6" Silicon RTV Foam Seal	.....	3,101.31	419.52
07 91 26 00-0033	CLF	1/2" x 9" Silicon RTV Foam Seal	.....	4,736.28	655.35
07 91 26 00-0034	CLF	1/2" x 12" Silicon RTV Foam Seal	.....	6,915.23	1,048.62
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	.....	4.89	1.49
07 91 26 00-0037	LF	1/2" Seals O-Ring Cord, J-Seal	.....	5.18	1.49
07 91 26 00-0038	LF	3/4" Seals O-Ring Cord, J-Seal	.....	5.45	1.61
07 91 26 00-0039	LF	1" Seals O-Ring Cord, J-Seal	.....	5.74	1.72
07 91 26 00-0040	LF	1-1/4" Seals O-Ring Cord, J-Seal	.....	6.15	1.84
07 91 26 00-0041	LF	1-1/2" Seals O-Ring Cord, J-Seal	.....	6.44	1.84
07 91 26 00-0042	LF	1-3/4" Seals O-Ring Cord, J-Seal	.....	6.81	1.95
07 91 26 00-0043	LF	2" Seals O-Ring Cord, J-Seal	.....	7.03	1.95
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)	.....	92.03	6.88
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)	.....	124.44	7.22
07 91 33 00-0005	LF	1" Minimum, 3" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 50EH)	.....	158.64	7.54
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)	.....	196.71	7.87
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)	.....	256.55	8.19
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)	.....	295.27	8.53
07 91 33 00-0009	LF	2" Minimum, 6" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 100EH)	.....	343.36	8.86
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.			



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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).....	44.79	6.88
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).....	49.25	6.98
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).....	60.45	7.09
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).....	64.37	7.22
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).....	69.05	7.31
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).....	85.70	7.41
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).....	106.80	7.54
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).....	127.03	7.87
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).....	144.31	8.19
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).....	36.74	6.88
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).....	48.93	7.22
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).....	60.90	7.54
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).....	64.49	7.71
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).....	71.99	7.87
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).....	105.37	8.19
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).....	146.70	8.53
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).....	34.62	2.73
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).....	58.76	2.85
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).....	89.01	2.95
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).....	112.50	3.06
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).....	148.39	3.17
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).....	196.69	3.28
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).....	241.50	3.39
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).....	326.13	3.50
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).....	380.95	3.61
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).....	33.75	2.73
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).....	44.84	2.85
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).....	60.51	2.95
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).....	82.48	3.06
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).....	94.23	3.17
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).....	131.21	3.28
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).....	176.68	3.39
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).....	190.82	3.50

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 00-0047			Molded EPDM Rubber Cover, For Pedestrian Foot Traffic And Slow Speed Non-Commercial Vehicular Traffic (Wabo® SafetyFlexl) (07 91 33 00-0001)		
07 91 33 00-0048	LF		2-1/2" Minimum, 12" Maximum Joint Opening, Elastomeric Hinged Cover System for Pedestrian Walkway And Low-speed Vehicular Traffic Areas (Wabo® SafetyFlex SFP-600).....	253.76	8.86
07 91 33 00-0049			Closed Cell Neoprene Expanded Rubber Foam Seal, Preformed Flexible Joint Seal Systems (Wabo® InverSeal) (07 91 33 00-0001)		
			Note: Includes epoxy adhesive.		
07 91 33 00-0050	LF		0.45" Minimum, 1.25" Maximum Joint Opening, Closed Cell Neoprene Expanded Rubber Foam Seal, Preformed Flexible Joint Seal Systems (Wabo® InverSeal IV-100).....	27.85	
07 91 33 00-0051	LF		0.675" Minimum, 1.875" Maximum Joint Opening, Closed Cell Neoprene Expanded Rubber Foam Seal, Preformed Flexible Joint Seal Systems (Wabo® InverSeal IV-150).....	30.50	
07 91 33 00-0052	LF		0.90" Minimum, 2.50" Maximum Joint Opening, Closed Cell Neoprene Expanded Rubber Foam Seal, Preformed Flexible Joint Seal Systems (Wabo® InverSeal IV-200).....	40.23	
07 91 33 00-0053	LF		1.125" Minimum, 3.125" Maximum Joint Opening, Closed Cell Neoprene Expanded Rubber Foam Seal, Preformed Flexible Joint Seal Systems (Wabo® InverSeal IV-250).....	50.04	
07 91 33 00-0054	LF		1.35" Minimum, 3.75" Maximum Joint Opening, Closed Cell Neoprene Expanded Rubber Foam Seal, Preformed Flexible Joint Seal Systems (Wabo® InverSeal IV-300).....	115.30	
07 91 33 00-0055	LF		1.80" Minimum, 5.00" Maximum Joint Opening, Closed Cell Neoprene Expanded Rubber Foam Seal, Preformed Flexible Joint Seal Systems (Wabo® InverSeal IV-400).....	151.83	
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.....	351.30	97.61
			For Custom Match Coloring, Add	14.03	
			For Up To 6 CLF, Add	19.03	
			For >30 CLF, Deduct	-20.49	
			For 1 Part Mildew Resistant, Add	20.46	
			For High-Modulus Non-Acid Curing, Add	11.69	
07 92 13 00-0003			CLF 1/4" x 3/8" Joint, Silicone Sealant And Caulking.....	380.53	97.61
			For Custom Match Coloring, Add	21.05	
			For Up To 4 CLF, Add	21.22	
			For >20 CLF, Deduct	-23.41	
			For 1 Part Mildew Resistant, Add	30.70	
			For High-Modulus Non-Acid Curing, Add	17.54	
07 92 13 00-0004			CLF 1/4" x 1/2" Joint, Silicone Sealant And Caulking.....	420.61	100.86
			For Custom Match Coloring, Add	28.07	
			For Up To 3 CLF, Add	23.95	
			For >15 CLF, Deduct	-26.88	
			For 1 Part Mildew Resistant, Add	40.93	
			For High-Modulus Non-Acid Curing, Add	23.39	
07 92 13 00-0005			CLF 3/8" x 3/8" Joint, Silicone Sealant And Caulking.....	435.22	100.86
			For Custom Match Coloring, Add	31.57	
			For Up To 2.5 CLF, Add	25.05	
			For >13 CLF, Deduct	-28.34	
			For 1 Part Mildew Resistant, Add	46.04	
			For High-Modulus Non-Acid Curing, Add	26.31	
07 92 13 00-0006			CLF 3/8" x 1/2" Joint, Silicone Sealant And Caulking.....	479.07	100.86
			For Custom Match Coloring, Add	42.10	
			For Up To 2 CLF, Add	28.34	
			For >10 CLF, Deduct	-32.72	
			For 1 Part Mildew Resistant, Add	61.39	
			For High-Modulus Non-Acid Curing, Add	35.08	
07 92 13 00-0007			CLF 3/8" x 5/8" Joint, Silicone Sealant And Caulking.....	522.93	100.86
			For Custom Match Coloring, Add	52.62	
			For Up To 1.5 CLF, Add	31.63	
			For >8 CLF, Deduct	-37.11	
			For 1 Part Mildew Resistant, Add	76.74	
			For High-Modulus Non-Acid Curing, Add	43.85	
07 92 13 00-0008			CLF 3/8" x 3/4" Joint, Silicone Sealant And Caulking.....	577.63	105.20
			For Custom Match Coloring, Add	63.15	
			For Up To 1.3 CLF, Add	35.46	
			For >7 CLF, Deduct	-42.04	
			For 1 Part Mildew Resistant, Add	92.09	
			For High-Modulus Non-Acid Curing, Add	52.62	
07 92 13 00-0009			CLF 1/2" x 1/2" Joint, Silicone Sealant And Caulking.....	548.39	105.20
			For Custom Match Coloring, Add	56.13	
			For Up To 1.4 CLF, Add	33.27	
			For >7.5 CLF, Deduct	-39.11	
			For 1 Part Mildew Resistant, Add	81.85	
			For High-Modulus Non-Acid Curing, Add	46.77	
07 92 13 00-0010			CLF 1/2" x 5/8" Joint, Silicone Sealant And Caulking.....	617.71	108.45
			For Custom Match Coloring, Add	70.16	
			For Up To 1.15 CLF, Add	38.19	
			For >6 CLF, Deduct	-45.50	
			For 1 Part Mildew Resistant, Add	102.32	
			For High-Modulus Non-Acid Curing, Add	58.47	



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 92 13 00-0011	CLF	1/2" x 3/4" Joint, Silicone Sealant And Caulking	.....	676.18	108.45
		For Custom Match Coloring, Add	84.19		
		For Up To 1 CLF, Add	42.58		
		For >5 CLF, Deduct	-51.36		
		For 1 Part Mildew Resistant, Add	122.78		
		For High-Modulus Non-Acid Curing, Add	70.16		
07 92 13 00-0012	CLF	1/2" x 7/8" Joint, Silicone Sealant And Caulking	.....	745.49	111.71
		For Custom Match Coloring, Add	98.23		
		For Up To 0.8 CLF, Add	47.51		
		For >4.5 CLF, Deduct	-57.74		
		For 1 Part Mildew Resistant, Add	143.25		
		For High-Modulus Non-Acid Curing, Add	81.86		
07 92 13 00-0013	CLF	1/2" x 1" Joint, Silicone Sealant And Caulking	.....	814.81	116.05
		For Custom Match Coloring, Add	112.26		
		For Up To 0.75 CLF, Add	52.43		
		For >4 CLF, Deduct	-64.13		
		For 1 Part Mildew Resistant, Add	163.71		
		For High-Modulus Non-Acid Curing, Add	93.55		
07 92 13 00-0014	CLF	3/4" x 3/4" Joint, Silicone Sealant And Caulking	.....	884.11	119.30
		For Custom Match Coloring, Add	126.29		
		For Up To 0.65 CLF, Add	57.36		
		For >3.5 CLF, Deduct	-70.52		
		For 1 Part Mildew Resistant, Add	184.17		
		For High-Modulus Non-Acid Curing, Add	105.24		
07 92 13 00-0015	CLF	3/4" x 1" Joint, Silicone Sealant And Caulking	.....	1,092.06	130.15
		For Custom Match Coloring, Add	168.39		
		For Up To 0.5 CLF, Add	72.14		
		For >2.5 CLF, Deduct	-89.68		
		For 1 Part Mildew Resistant, Add	245.57		
		For High-Modulus Non-Acid Curing, Add	140.32		
07 92 13 00-0016	CLF	1" x 1" Joint, Silicone Sealant And Caulking	.....	1,369.31	144.25
		For Custom Match Coloring, Add	224.52		
		For Up To 0.4 CLF, Add	91.85		
		For >2 CLF, Deduct	-115.24		
		For 1 Part Mildew Resistant, Add	327.42		
		For High-Modulus Non-Acid Curing, Add	187.10		
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	.....	313.34	97.61
		For Up To 6 CLF, Add	16.18		
		For >30 CLF, Deduct	-16.69		
07 92 13 00-0019	CLF	1/4" x 3/8" Joint, Acrylic/Latex Sealant And Caulking	.....	323.60	97.61
		For Up To 4 CLF, Add	16.95		
		For >20 CLF, Deduct	-17.72		
07 92 13 00-0020	CLF	1/4" x 1/2" Joint, Acrylic/Latex Sealant And Caulking	.....	344.70	100.86
		For Up To 3 CLF, Add	18.26		
		For >15 CLF, Deduct	-19.29		
07 92 13 00-0021	CLF	3/8" x 3/8" Joint, Acrylic/Latex Sealant And Caulking	.....	349.82	100.86
		For Up To 2.5 CLF, Add	18.64		
		For >13 CLF, Deduct	-19.80		
07 92 13 00-0022	CLF	3/8" x 1/2" Joint, Acrylic/Latex Sealant And Caulking	.....	365.21	100.86
		For Up To 2 CLF, Add	19.80		
		For >10 CLF, Deduct	-21.34		
07 92 13 00-0023	CLF	3/8" x 5/8" Joint, Acrylic/Latex Sealant And Caulking	.....	380.59	100.86
		For Up To 1.5 CLF, Add	20.95		
		For >8 CLF, Deduct	-22.88		
07 92 13 00-0024	CLF	3/8" x 3/4" Joint, Acrylic/Latex Sealant And Caulking	.....	406.83	105.20
		For Up To 1.3 CLF, Add	22.65		
		For >7 CLF, Deduct	-24.96		
07 92 13 00-0025	CLF	1/2" x 1/2" Joint, Acrylic/Latex Sealant And Caulking	.....	396.57	105.20
		For Up To 1.4 CLF, Add	21.88		
		For >7.5 CLF, Deduct	-23.93		
07 92 13 00-0026	CLF	1/2" x 5/8" Joint, Acrylic/Latex Sealant And Caulking	.....	427.93	108.45
		For Up To 1.15 CLF, Add	23.96		
		For >6 CLF, Deduct	-26.52		
07 92 13 00-0027	CLF	1/2" x 3/4" Joint, Acrylic/Latex Sealant And Caulking	.....	448.45	108.45
		For Up To 1 CLF, Add	25.50		
		For >5 CLF, Deduct	-28.58		
07 92 13 00-0028	CLF	1/2" x 7/8" Joint, Acrylic/Latex Sealant And Caulking	.....	479.80	111.71
		For Up To 0.8 CLF, Add	27.58		
		For >4.5 CLF, Deduct	-31.17		
07 92 13 00-0029	CLF	1/2" x 1" Joint, Acrylic/Latex Sealant And Caulking	.....	511.16	116.05
		For Up To 0.75 CLF, Add	29.66		
		For >4 CLF, Deduct	-33.76		
07 92 13 00-0030	CLF	3/4" x 3/4" Joint, Acrylic/Latex Sealant And Caulking	.....	542.51	119.30
		For Up To 0.65 CLF, Add	31.74		
		For >3.5 CLF, Deduct	-36.36		
07 92 13 00-0031	CLF	3/4" x 1" Joint, Acrylic/Latex Sealant And Caulking	.....	636.59	130.15
		For Up To 0.5 CLF, Add	37.98		
		For >2.5 CLF, Deduct	-44.14		
07 92 13 00-0032	CLF	1" x 1" Joint, Acrylic/Latex Sealant And Caulking	.....	762.02	144.25
		For Up To 0.4 CLF, Add	46.31		
		For >2 CLF, Deduct	-54.51		

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 00-0033			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.....	337.67	97.61	
		For Up To 6 CLF, Add	18.00		
		For >30 CLF, Deduct	-19.13		
07 92 13 00-0035	CLF	1/4" x 3/8" Joint, Polyurethane Sealant And Caulking.....	360.10	97.61	
		For Up To 4 CLF, Add	19.69		
		For >20 CLF, Deduct	-21.37		
07 92 13 00-0036	CLF	1/4" x 1/2" Joint, Polyurethane Sealant And Caulking.....	393.36	100.86	
		For Up To 3 CLF, Add	21.91		
		For >15 CLF, Deduct	-24.15		
07 92 13 00-0037	CLF	3/8" x 3/8" Joint, Polyurethane Sealant And Caulking.....	404.57	100.86	
		For Up To 2.5 CLF, Add	22.75		
		For >13 CLF, Deduct	-25.27		
07 92 13 00-0038	CLF	3/8" x 1/2" Joint, Polyurethane Sealant And Caulking.....	438.20	100.86	
		For Up To 2 CLF, Add	25.27		
		For >10 CLF, Deduct	-28.64		
07 92 13 00-0039	CLF	3/8" x 5/8" Joint, Polyurethane Sealant And Caulking.....	471.83	100.86	
		For Up To 1.5 CLF, Add	27.80		
		For >8 CLF, Deduct	-32.00		
07 92 13 00-0040	CLF	3/8" x 3/4" Joint, Polyurethane Sealant And Caulking.....	516.31	105.20	
		For Up To 1.3 CLF, Add	30.86		
		For >7 CLF, Deduct	-35.91		
07 92 13 00-0041	CLF	1/2" x 1/2" Joint, Polyurethane Sealant And Caulking.....	493.89	105.20	
		For Up To 1.4 CLF, Add	29.18		
		For >7.5 CLF, Deduct	-33.66		
07 92 13 00-0042	CLF	1/2" x 5/8" Joint, Polyurethane Sealant And Caulking.....	549.59	108.45	
		For Up To 1.15 CLF, Add	33.09		
		For >6 CLF, Deduct	-38.69		
07 92 13 00-0043	CLF	1/2" x 3/4" Joint, Polyurethane Sealant And Caulking.....	594.43	108.45	
		For Up To 1 CLF, Add	36.45		
		For >5 CLF, Deduct	-43.17		
07 92 13 00-0044	CLF	1/2" x 7/8" Joint, Polyurethane Sealant And Caulking.....	650.11	111.71	
		For Up To 0.8 CLF, Add	40.35		
		For >4.5 CLF, Deduct	-48.20		
07 92 13 00-0045	CLF	1/2" x 1" Joint, Polyurethane Sealant And Caulking.....	705.81	116.05	
		For Up To 0.75 CLF, Add	44.26		
		For >4 CLF, Deduct	-53.23		
07 92 13 00-0046	CLF	3/4" x 3/4" Joint, Polyurethane Sealant And Caulking.....	761.49	119.30	
		For Up To 0.65 CLF, Add	48.16		
		For >3.5 CLF, Deduct	-58.25		
07 92 13 00-0047	CLF	3/4" x 1" Joint, Polyurethane Sealant And Caulking.....	928.56	130.15	
		For Up To 0.5 CLF, Add	59.88		
		For >2.5 CLF, Deduct	-73.33		
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.....	341.93	97.61	
		For Up To 6 CLF, Add	18.32		
		For >30 CLF, Deduct	-19.55		
07 92 13 00-0050	CLF	1/4" x 3/8" Joint, Polysulfide Sealant And Caulking.....	366.50	97.61	
		For Up To 4 CLF, Add	20.17		
		For >20 CLF, Deduct	-22.01		
07 92 13 00-0051	CLF	1/4" x 1/2" Joint, Polysulfide Sealant And Caulking.....	401.89	100.86	
		For Up To 3 CLF, Add	22.55		
		For >15 CLF, Deduct	-25.01		
07 92 13 00-0052	CLF	3/8" x 3/8" Joint, Polysulfide Sealant And Caulking.....	414.16	100.86	
		For Up To 2.5 CLF, Add	23.47		
		For >13 CLF, Deduct	-26.23		
07 92 13 00-0053	CLF	3/8" x 1/2" Joint, Polysulfide Sealant And Caulking.....	451.01	100.86	
		For Up To 2 CLF, Add	26.23		
		For >10 CLF, Deduct	-29.92		
07 92 13 00-0054	CLF	3/8" x 5/8" Joint, Polysulfide Sealant And Caulking.....	487.83	100.86	
		For Up To 1.5 CLF, Add	29.00		
		For >8 CLF, Deduct	-33.60		
07 92 13 00-0055	CLF	3/8" x 3/4" Joint, Polysulfide Sealant And Caulking.....	535.51	105.20	
		For Up To 1.3 CLF, Add	32.30		
		For >7 CLF, Deduct	-37.83		
07 92 13 00-0056	CLF	1/2" x 1/2" Joint, Polysulfide Sealant And Caulking.....	510.96	105.20	
		For Up To 1.4 CLF, Add	30.46		
		For >7.5 CLF, Deduct	-35.37		
07 92 13 00-0057	CLF	1/2" x 5/8" Joint, Polysulfide Sealant And Caulking.....	570.93	108.45	
		For Up To 1.15 CLF, Add	34.69		
		For >6 CLF, Deduct	-40.82		
07 92 13 00-0058	CLF	1/2" x 3/4" Joint, Polysulfide Sealant And Caulking.....	620.03	108.45	
		For Up To 1 CLF, Add	38.37		
		For >5 CLF, Deduct	-45.73		
07 92 13 00-0059	CLF	1/2" x 7/8" Joint, Polysulfide Sealant And Caulking.....	679.99	111.71	
		For Up To 0.8 CLF, Add	42.59		
		For >4.5 CLF, Deduct	-51.19		
07 92 13 00-0060	CLF	1/2" x 1" Joint, Polysulfide Sealant And Caulking.....	739.94	116.05	
		For Up To 0.75 CLF, Add	46.82		
		For >4 CLF, Deduct	-56.64		



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 92 13 00-0061	CLF	3/4" x 3/4" Joint, Polysulfide Sealant And Caulking	.....	799.90	119.30
		For Up To 0.65 CLF, Add	.....	51.05	
		For >3.5 CLF, Deduct	.....	-62.10	
07 92 13 00-0062	CLF	3/4" x 1" Joint, Polysulfide Sealant And Caulking	.....	979.75	130.15
		For Up To 0.5 CLF, Add	.....	63.72	
		For >2.5 CLF, Deduct	.....	-78.45	
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	.....	352.35	97.61
		For Up To 6 CLF, Add	.....	19.11	
		For >30 CLF, Deduct	.....	-20.59	
07 92 13 00-0065	CLF	1/4" x 3/8" Joint, Flexible Polyurethane Security Sealant And Caulking	.....	382.11	97.61
		For Up To 4 CLF, Add	.....	21.34	
		For >20 CLF, Deduct	.....	-23.57	
07 92 13 00-0066	CLF	1/4" x 1/2" Joint, Flexible Polyurethane Security Sealant And Caulking	.....	422.70	100.86
		For Up To 3 CLF, Add	.....	24.11	
		For >15 CLF, Deduct	.....	-27.09	
07 92 13 00-0067	CLF	3/8" x 3/8" Joint, Flexible Polyurethane Security Sealant And Caulking	.....	437.58	100.86
		For Up To 2.5 CLF, Add	.....	25.23	
		For >13 CLF, Deduct	.....	-28.57	
07 92 13 00-0068	CLF	3/8" x 1/2" Joint, Flexible Polyurethane Security Sealant And Caulking	.....	482.22	100.86
		For Up To 2 CLF, Add	.....	28.57	
		For >10 CLF, Deduct	.....	-33.04	
07 92 13 00-0069	CLF	3/8" x 5/8" Joint, Flexible Polyurethane Security Sealant And Caulking	.....	526.86	100.86
		For Up To 1.5 CLF, Add	.....	31.92	
		For >8 CLF, Deduct	.....	-37.50	
07 92 13 00-0070	CLF	3/8" x 3/4" Joint, Flexible Polyurethane Security Sealant And Caulking	.....	582.34	105.20
		For Up To 1.3 CLF, Add	.....	35.81	
		For >7 CLF, Deduct	.....	-42.51	
07 92 13 00-0071	CLF	1/2" x 1/2" Joint, Flexible Polyurethane Security Sealant And Caulking	.....	552.59	105.20
		For Up To 1.4 CLF, Add	.....	33.58	
		For >7.5 CLF, Deduct	.....	-39.53	
07 92 13 00-0072	CLF	1/2" x 5/8" Joint, Flexible Polyurethane Security Sealant And Caulking	.....	622.95	108.45
		For Up To 1.15 CLF, Add	.....	38.59	
		For >6 CLF, Deduct	.....	-46.03	
07 92 13 00-0073	CLF	1/2" x 3/4" Joint, Flexible Polyurethane Security Sealant And Caulking	.....	682.47	108.45
		For Up To 1 CLF, Add	.....	43.05	
		For >5 CLF, Deduct	.....	-51.98	
07 92 13 00-0074	CLF	1/2" x 7/8" Joint, Flexible Polyurethane Security Sealant And Caulking	.....	752.82	111.71
		For Up To 0.8 CLF, Add	.....	48.06	
		For >4.5 CLF, Deduct	.....	-58.47	
07 92 13 00-0075	CLF	1/2" x 1" Joint, Flexible Polyurethane Security Sealant And Caulking	.....	823.19	116.05
		For Up To 0.75 CLF, Add	.....	53.06	
		For >4 CLF, Deduct	.....	-64.97	
07 92 13 00-0076	CLF	3/4" x 3/4" Joint, Flexible Polyurethane Security Sealant And Caulking	.....	893.55	119.30
		For Up To 0.65 CLF, Add	.....	58.07	
		For >3.5 CLF, Deduct	.....	-71.46	
07 92 13 00-0077	CLF	3/4" x 1" Joint, Flexible Polyurethane Security Sealant And Caulking	.....	1,104.64	130.15
		For Up To 0.5 CLF, Add	.....	73.09	
		For >2.5 CLF, Deduct	.....	-90.94	
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	.....	343.92	97.61
		For Custom Match Coloring, Add	.....	12.26	
		For Up To 6 CLF, Add	.....	18.47	
		For >30 CLF, Deduct	.....	-19.75	
		For 1 Part Mildew Resistant, Add	.....	17.88	
		For High-Modulus Non-Acid Curing, Add	.....	10.22	
07 92 19 00-0003	CLF	1/4" x 3/8" Joint, Acoustical Sealant	.....	363.33	97.61
		For Custom Match Coloring, Add	.....	16.92	
		For Up To 4 CLF, Add	.....	19.93	
		For >20 CLF, Deduct	.....	-21.69	
		For 1 Part Mildew Resistant, Add	.....	24.68	
		For High-Modulus Non-Acid Curing, Add	.....	14.10	
07 92 19 00-0004	CLF	1/4" x 1/2" Joint, Acoustical Sealant	.....	385.61	100.86
		For Custom Match Coloring, Add	.....	19.67	
		For Up To 3 CLF, Add	.....	21.33	
		For >15 CLF, Deduct	.....	-23.38	
		For 1 Part Mildew Resistant, Add	.....	28.68	
		For High-Modulus Non-Acid Curing, Add	.....	16.39	
07 92 19 00-0005	CLF	3/8" x 3/8" Joint, Acoustical Sealant	.....	417.36	100.86
		For Custom Match Coloring, Add	.....	27.29	
		For Up To 2.5 CLF, Add	.....	23.71	
		For >13 CLF, Deduct	.....	-26.55	
		For 1 Part Mildew Resistant, Add	.....	39.79	
		For High-Modulus Non-Acid Curing, Add	.....	22.74	

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 19 00-0006 CLF 3/8" x 1/2" Joint, Acoustical Sealant.....	450.36	100.86
For Custom Match Coloring, Add	35.21	
For Up To 2 CLF, Add	26.19	
For >10 CLF, Deduct	-29.85	
For 1 Part Mildew Resistant, Add	51.34	
For High-Modulus Non-Acid Curing, Add	29.34	
07 92 19 00-0007 CLF 1/2" x 1/2" Joint, Acoustical Sealant.....	521.22	105.20
For Custom Match Coloring, Add	49.61	
For Up To 1.4 CLF, Add	31.23	
For >7.5 CLF, Deduct	-36.40	
For 1 Part Mildew Resistant, Add	72.35	
For High-Modulus Non-Acid Curing, Add	41.34	

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, With Aluminum Expansion Joint Cover.....	74.34	6.50
07 95 13 13-0004 LF 1" Opening Floor Assembly Type, With Bronze Expansion Joint Cover	79.82	6.50
07 95 13 13-0005 LF 1" Opening Floor Assembly Type, With Stainless Steel Expansion Joint Cover	95.14	6.50

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.....	100.08	6.50
07 95 13 13-0008 LF 2" Opening Floor Assembly Type, Bronze Expansion Joint Cover	98.80	6.50
07 95 13 13-0009 LF 2" Opening Floor Assembly Type, Stainless Steel Expansion Joint Cover	131.29	6.50

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 1" Opening Ceiling And Wall Assembly Type, Aluminum Expansion Joint Cover.....	54.25	6.50
07 95 13 13-0013 LF 1" Opening Ceiling And Wall Assembly Type, Bronze Expansion Joint Cover	66.49	6.50
07 95 13 13-0014 LF 1" Opening Ceiling And Wall Assembly Type, Stainless Steel Expansion Joint Cover	82.72	6.50

07 95 13 13-0015 With 2" Space (07 95 13 13-0010)

07 95 13 13-0016 LF 2" Opening Ceiling And Wall Assembly Type, Aluminum Expansion Joint Cover.....	69.69	6.50
07 95 13 13-0017 LF 2" Opening Ceiling And Wall Assembly Type, Bronze Expansion Joint Cover	75.97	6.50
07 95 13 13-0018 LF 2" Opening Ceiling And Wall Assembly Type, Stainless Steel Expansion Joint Cover	100.79	6.50

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.....	102.09	4.33
07 95 13 16-0004 LF 2" Opening Aluminum Assemblies, Exterior Roof To Roof Expansion Joint.....	123.76	4.33
07 95 13 16-0005 LF 3" Opening Aluminum Assemblies, Exterior Roof To Roof Expansion Joint.....	138.68	4.33

07 95 13 16-0006 Roof To Wall (07 95 13 16-0001)

07 95 13 16-0007 LF 1" Opening Aluminum Assemblies, Exterior Roof To Wall Expansion Joint.....	74.98	4.33
07 95 13 16-0008 LF 2" Opening Aluminum Assemblies, Exterior Roof To Wall Expansion Joint.....	101.50	4.33

07 95 13 16-0009 Flat Wall To Wall (07 95 13 16-0001)

07 95 13 16-0010 LF 1" Opening Aluminum Assemblies, Exterior Wall To Wall Expansion Joint	55.17	4.33
07 95 13 16-0011 LF 2" Opening Aluminum Assemblies, Exterior Wall To Wall Expansion Joint	71.08	4.33
07 95 13 16-0012 LF 3" Opening Aluminum Assemblies, Exterior Wall To Wall Expansion Joint	90.29	4.33

07 95 13 16-0013 Corner To Flat Wall (07 95 13 16-0001)

07 95 13 16-0014 LF 1" Opening Aluminum Assemblies, Exterior Corner To Wall Expansion Joint	51.52	4.33
07 95 13 16-0015 LF 2" Opening Aluminum Assemblies, Exterior Corner To Wall Expansion Joint	62.13	4.33
07 95 13 16-0016 LF 3" Opening Aluminum Assemblies, Exterior Corner To Wall Expansion Joint	91.94	4.33

END OF SECTION 07



Openings		08	08
Operation and Maintenance of Openings		08 01	
Operation and Maintenance of Doors and Frames		08 01 10	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 Openings

08 01 Operation and Maintenance of Openings (08)

08 01 10 Operation and Maintenance of Doors and Frames (08 01)

08 01 11 Operation and Maintenance of Metal Doors and Frames (08 01 10)

08 01 11 61 Metal Doors and Frames Repair (08 01 11)

08 01 11 61-0001		Hollow Metal Door Repair (08 01 11 61)	
Note: Repairs are based on holes or damage of less than 1/2 of a square foot.			
08 01 11 61-0002	EA	Up To 1 Sl, Patch Small Drill Holes	24.35
Note: Per hinge location - sand to bare metal, mix/patch with bondo, fine grit sand smooth for finish			
08 01 11 61-0003	EA	>1 To 6 Sl, Patch Small Drill Holes	48.84
Note: Per hinge location - sand to bare metal, mix/patch with bondo, fine grit sand smooth for finish			
08 01 11 61-0004	LF	Patch Deep Scrapes Or Cuts In Doors	58.81

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	2,769.30
08 01 44 00-0003	LF	Curtain Wall Retrofit Exterior Mullion Caps	26.50
08 01 44 00-0004	LF	Curtain Wall Retrofit Exterior Corner Covers 12" x 12" nominal	109.94
08 01 44 00-0005	LF	Curtain Wall Retrofit Exterior Parapet Covers	102.78
08 01 44 00-0006	LF	Curtain Wall Retrofit Remove/Reinstall Existing Mullion	26.87
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	12.19
08 01 52 61-0003	EA	Removal And Replacement Of Window Arms	34.60
08 01 52 61-0004	EA	Removal And Replacement Of Window Crank Operator	40.53
08 01 52 61-0005	EA	Removal And Replacement Of Brass Window Sash Pull	24.16
08 01 52 61-0006	EA	Removal And Replacement Of Brass Window Sash Lock	21.64
08 01 52 61-0007	EA	Removal And Replacement Of Window Balance, Removable Sash Window	27.37
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	81.62
Note: Channel, spiral or coil balance.			
For Replacing Two Balances In One Window, Deduct			-29.95

08 01 80 Maintenance of Glazing (08 01)

08 01 81 Maintenance of Glass Glazing (08 01 80)

08 01 81 10 Maintenance of Glass Glazing (08 01 81)

08 01 81 10-0001		Glazing Compound Repair (08 01 81 10)	
08 01 81 10-0002	LF	Removal And Replacement Of Up To 1/2" Wide Damaged, Broken Or Cracked Window Glazing (For Glazing Compound Repair)	9.30

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	146.78
For 9/16" To 1-1/16" Glazing Pocket, Add			73.39
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	185.80
For 9/16" To 1-1/16" Glazing Pocket, Add			92.90
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	215.53
For 9/16" To 1-1/16" Glazing Pocket, Add			107.77

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 00-0005	EA		For >4 To 6 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	274.98	
			For 9/16" To 1-1/16" Glazing Pocket, Add	137.49	
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	356.73	
			For 9/16" To 1-1/16" Glazing Pocket, Add	178.37	
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	455.21	
			For 9/16" To 1-1/16" Glazing Pocket, Add	227.61	
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	483.08	
			For 9/16" To 1-1/16" Glazing Pocket, Add	241.54	
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	241.94	
			For 9/16" To 1-1/16" Glazing Pocket, Add	66.72	
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	288.27	
			For 9/16" To 1-1/16" Glazing Pocket, Add	84.46	
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	326.13	
			For 9/16" To 1-1/16" Glazing Pocket, Add	97.97	
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	391.03	
			For 9/16" To 1-1/16" Glazing Pocket, Add	124.99	
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	476.21	
			For 9/16" To 1-1/16" Glazing Pocket, Add	162.15	
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	576.57	
			For 9/16" To 1-1/16" Glazing Pocket, Add	206.91	
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	612.76	
			For 9/16" To 1-1/16" Glazing Pocket, Add	219.58	
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	139.96	
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	158.99	
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	216.09	
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	402.96	
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	498.32	
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	595.22	
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	776.71	
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	914.30	
			For 18 Gauge Louver And 18 Gauge Frame, Add	109.72	
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	221.34	
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	248.50	
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	313.74	
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	508.75	
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	612.25	
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	717.28	
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	906.91	
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	1,049.93	
			For 18 Gauge Louver And 18 Gauge Frame, Add	109.72	
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	283.42	
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	324.32	
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	380.94	
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	381.07	
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	432.82	



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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	498.12	
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	81.34	
08 05 13 00-0042	EA	Prepare Existing Wood Door (Rated) For Mortise Lockset Hardware	200.64	
		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	92.18	
08 05 13 00-0044	EA	Prepare Existing Wood Door (Rated) For Cylindrical Lockset Hardware	162.69	
		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	27.11	
08 05 13 00-0046	EA	Prepare Existing Wood Door (Rated) For Concealed Vertical Rod	298.29	
		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	189.79	
08 05 13 00-0048	EA	Prepare Existing Wood Door (Rated) For Electric Hardware	200.64	
		Note: Requires door to be taken off site for UL certification.		
08 05 13 00-0049	EA	Prepare Existing Door (Non-Rated) For Electric Hardware	92.18	
08 05 13 00-0050 Door Modifications (08 05 13)				
08 05 13 00-0051	EA	Removal And Reinstallation Of Door	92.22	
08 05 13 00-0052	EA	Removal And Reinstallation Of Metal Door Frame	180.84	
08 05 13 00-0053	EA	Trim Bottom Of Existing Steel Door For Installation Of Carpet Or Tile	97.65	
		Note: Excludes removal and reinstallation of door.		
08 05 13 00-0054	EA	Modify Metal Door Frame For Door Swing	1,269.17	
		Note: Includes removal of door; install blank hinge plates, new continuous hinge, blank strike plate, new strike plate and reinstallation of door.		
08 05 13 00-0055	EA	Factory Installed Sound Proofing (STC 28) In Metal Door	138.82	
08 05 13 00-0056	SF	For 16 Gauge Steel Metal Plate Bolted On Door	27.14	
		Note: Includes mounting hardware.		
08 05 13 00-0057	EA	Removal And Reinstallation Of Wood Door Frame	109.31	
08 05 13 00-0058	EA	Trim Bottom Of Existing Wood Door For Installation Of Carpet Or Tile	49.19	
		Note: Excludes removal and reinstallation of door.		
08 05 13 00-0059	EA	Factory Trim Wood Door Edge For Custom Width	71.05	
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	963.72	149.19
08 11 63 13-0003	EA	3' x 7' Steel Screen Door, Residential, With Frame, Trim, Hardware	974.61	154.62
08 11 63 13-0004	EA	Steel Combination Type Residential Storm Door, With Mesh And Tempered Glass With Frame, Trim, Hardware	1,399.65	154.62
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	1,057.26	86.81
		For Special Finished, Add	100.83	
08 11 63 23-0003	EA	Aluminum Combination Type Residential Storm Door, Tempered Glass Top And Bottom With Frame, Trim, Hardware	1,113.93	86.81
08 11 63 23-0004	EA	Aluminum Screen Door	306.34	54.23
08 11 63 23-0005	SF	Repair Screen Door	12.22	
08 11 73 Sliding Metal Fire Doors (08 11)				
08 11 73 00-0001 Motor Operated Fire Door With Fusible Link (08 11 73)				
		Note: 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	4,646.95	541.74
08 11 73 00-0003	EA	3' 8" x 6' 8" Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating	4,984.29	541.74
08 11 73 00-0004	EA	4' x 8" Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating	5,551.68	541.74
08 11 73 00-0005	EA	5' x 8" Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating	6,165.68	541.74
08 12 Metal Frames (08 10)				
		Note: Includes 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 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 13-0001		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	524.78		81.38	
		For Auxiliary Frame Reinforcement For Hinges, Add	54.30			
		For Welded Frames, Add	211.05			
		For Galvanized Frames, Add	43.44			
		For Type 304 Stainless Steel Frame, Add	659.79			
		For Type 316 Stainless Steel Frame, Add	788.40			
		For Baked Enamel Finish, Add	133.02			
		For 18 Gauge Frame, Deduct	-36.20			
		For 14 Gauge Frame, Add	90.51			
		For 12 Gauge Frame, Add	137.57			
		For Clear Aluminum Frames (Three Piece), Add	106.80			
		For Black Aluminum Frames (Three Piece), Add	162.91			
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	610.02		89.51	
		For Auxiliary Frame Reinforcement For Hinges, Add	64.65			
		For Welded Frames, Add	211.05			
		For Galvanized Frames, Add	51.72			
		For Type 304 Stainless Steel Frame, Add	784.73			
		For Type 316 Stainless Steel Frame, Add	914.03			
		For Baked Enamel Finish, Add	156.15			
		For 18 Gauge Frame, Deduct	-43.10			
		For 14 Gauge Frame, Add	107.75			
		For 12 Gauge Frame, Add	163.78			
		For Clear Aluminum Frames (Three Piece), Add	127.14			
		For Black Aluminum Frames (Three Piece), Add	193.95			
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	627.77		94.94	
		For Auxiliary Frame Reinforcement For Hinges, Add	65.68			
		For Welded Frames, Add	211.05			
		For Galvanized Frames, Add	52.55			
		For Type 304 Stainless Steel Frame, Add	797.70			
		For Type 316 Stainless Steel Frame, Add	929.06			
		For Baked Enamel Finish, Add	159.85			
		For 18 Gauge Frame, Deduct	-43.79			
		For 14 Gauge Frame, Add	109.47			
		For 12 Gauge Frame, Add	166.40			
		For Clear Aluminum Frames (Three Piece), Add	129.18			
		For Black Aluminum Frames (Three Piece), Add	197.05			
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	644.04		103.08	
		For Auxiliary Frame Reinforcement For Hinges, Add	65.68			
		For Welded Frames, Add	211.05			
		For Galvanized Frames, Add	52.55			
		For Type 304 Stainless Steel Frame, Add	798.51			
		For Type 316 Stainless Steel Frame, Add	929.88			
		For Baked Enamel Finish, Add	162.29			
		For 18 Gauge Frame, Deduct	-43.79			
		For 14 Gauge Frame, Add	109.47			
		For 12 Gauge Frame, Add	166.40			
		For Clear Aluminum Frames (Three Piece), Add	129.18			
		For Black Aluminum Frames (Three Piece), Add	197.05			
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	656.36		105.79	
		For Auxiliary Frame Reinforcement For Hinges, Add	66.72			
		For Welded Frames, Add	211.05			
		For Galvanized Frames, Add	53.37			
		For Type 304 Stainless Steel Frame, Add	811.18			
		For Type 316 Stainless Steel Frame, Add	944.62			
		For Baked Enamel Finish, Add	165.17			
		For 18 Gauge Frame, Deduct	-44.48			
		For 14 Gauge Frame, Add	111.20			
		For 12 Gauge Frame, Add	169.02			
		For Clear Aluminum Frames (Three Piece), Add	131.21			
		For Black Aluminum Frames (Three Piece), Add	200.15			
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	668.69		108.50	
		For Auxiliary Frame Reinforcement For Hinges, Add	67.75			
		For Welded Frames, Add	211.05			
		For Galvanized Frames, Add	54.20			
		For Type 304 Stainless Steel Frame, Add	823.87			
		For Type 316 Stainless Steel Frame, Add	959.38			
		For Baked Enamel Finish, Add	168.06			
		For 18 Gauge Frame, Deduct	-45.17			
		For 14 Gauge Frame, Add	112.92			
		For 12 Gauge Frame, Add	171.64			
		For Clear Aluminum Frames (Three Piece), Add	133.25			
		For Black Aluminum Frames (Three Piece), Add	203.26			



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 13-0009	EA	3'-4" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	710.56	113.93	
		For Auxiliary Frame Reinforcement For Hinges, Add	72.41		
		For Welded Frames, Add	211.05		
		For Galvanized Frames, Add	57.93		
		For Type 304 Stainless Steel Frame, Add	880.27		
		For Type 316 Stainless Steel Frame, Add	1,025.08		
		For Baked Enamel Finish, Add	178.99		
		For 18 Gauge Frame, Deduct	-48.27		
		For 14 Gauge Frame, Add	120.68		
		For 12 Gauge Frame, Add	183.43		
		For Clear Aluminum Frames (Three Piece), Add	142.40		
		For Black Aluminum Frames (Three Piece), Add	217.22		
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.....	721.41	119.36	
		For Auxiliary Frame Reinforcement For Hinges, Add	72.41		
		For Welded Frames, Add	211.05		
		For Galvanized Frames, Add	57.93		
		For Type 304 Stainless Steel Frame, Add	880.81		
		For Type 316 Stainless Steel Frame, Add	1,025.63		
		For Baked Enamel Finish, Add	180.62		
		For 18 Gauge Frame, Deduct	-48.27		
		For 14 Gauge Frame, Add	120.68		
		For 12 Gauge Frame, Add	183.43		
		For Clear Aluminum Frames (Three Piece), Add	142.40		
		For Black Aluminum Frames (Three Piece), Add	217.22		
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.....	749.51	124.77	
		For Auxiliary Frame Reinforcement For Hinges, Add	74.99		
		For Welded Frames, Add	211.05		
		For Galvanized Frames, Add	59.99		
		For Type 304 Stainless Steel Frame, Add	912.39		
		For Type 316 Stainless Steel Frame, Add	1,062.37		
		For Baked Enamel Finish, Add	187.42		
		For 18 Gauge Frame, Deduct	-50.00		
		For 14 Gauge Frame, Add	124.99		
		For 12 Gauge Frame, Add	189.98		
		For Clear Aluminum Frames (Three Piece), Add	147.49		
		For Black Aluminum Frames (Three Piece), Add	224.98		
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.....	777.60	130.20	
		For Auxiliary Frame Reinforcement For Hinges, Add	77.58		
		For Welded Frames, Add	211.05		
		For Galvanized Frames, Add	62.06		
		For Type 304 Stainless Steel Frame, Add	943.96		
		For Type 316 Stainless Steel Frame, Add	1,099.12		
		For Baked Enamel Finish, Add	194.22		
		For 18 Gauge Frame, Deduct	-51.72		
		For 14 Gauge Frame, Add	129.30		
		For 12 Gauge Frame, Add	196.53		
		For Clear Aluminum Frames (Three Piece), Add	152.57		
		For Black Aluminum Frames (Three Piece), Add	232.74		
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.....	788.44	135.63	
		For Auxiliary Frame Reinforcement For Hinges, Add	77.58		
		For Welded Frames, Add	211.05		
		For Galvanized Frames, Add	62.06		
		For Type 304 Stainless Steel Frame, Add	944.50		
		For Type 316 Stainless Steel Frame, Add	1,099.66		
		For Baked Enamel Finish, Add	195.84		
		For 18 Gauge Frame, Deduct	-51.72		
		For 14 Gauge Frame, Add	129.30		
		For 12 Gauge Frame, Add	196.53		
		For Clear Aluminum Frames (Three Piece), Add	152.57		
		For Black Aluminum Frames (Three Piece), Add	232.74		
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.....	802.49	138.34	
		For Auxiliary Frame Reinforcement For Hinges, Add	78.87		
		For Welded Frames, Add	211.05		
		For Galvanized Frames, Add	63.10		
		For Type 304 Stainless Steel Frame, Add	960.29		
		For Type 316 Stainless Steel Frame, Add	1,118.04		
		For Baked Enamel Finish, Add	199.25		
		For 18 Gauge Frame, Deduct	-52.58		
		For 14 Gauge Frame, Add	131.45		
		For 12 Gauge Frame, Add	199.81		
		For Clear Aluminum Frames (Three Piece), Add	155.11		
		For Black Aluminum Frames (Three Piece), Add	236.61		
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.....	816.54	141.05	
		For Auxiliary Frame Reinforcement For Hinges, Add	80.16		
		For Welded Frames, Add	211.05		
		For Galvanized Frames, Add	64.13		
		For Type 304 Stainless Steel Frame, Add	976.08		
		For Type 316 Stainless Steel Frame, Add	1,136.41		
		For Baked Enamel Finish, Add	202.65		
		For 18 Gauge Frame, Deduct	-53.44		
		For 14 Gauge Frame, Add	133.61		
		For 12 Gauge Frame, Add	203.08		
		For Clear Aluminum Frames (Three Piece), Add	157.66		
		For Black Aluminum Frames (Three Piece), Add	240.49		

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 13-0016	EA		7' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	856.44	143.77
			For Auxiliary Frame Reinforcement For Hinges, Add	85.34	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	68.27	
			For Type 304 Stainless Steel Frame, Add	1,038.41	
			For Type 316 Stainless Steel Frame, Add	1,209.09	
			For Baked Enamel Finish, Add	213.80	
			For 18 Gauge Frame, Deduct	-56.89	
			For 14 Gauge Frame, Add	142.23	
			For 12 Gauge Frame, Add	216.19	
			For Clear Aluminum Frames (Three Piece), Add	167.83	
			For Black Aluminum Frames (Three Piece), Add	236.01	
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	896.35	146.48
			For Auxiliary Frame Reinforcement For Hinges, Add	90.51	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	72.41	
			For Type 304 Stainless Steel Frame, Add	1,100.75	
			For Type 316 Stainless Steel Frame, Add	1,281.77	
			For Baked Enamel Finish, Add	224.96	
			For 18 Gauge Frame, Deduct	-60.34	
			For 14 Gauge Frame, Add	150.85	
			For 12 Gauge Frame, Add	229.29	
			For Clear Aluminum Frames (Three Piece), Add	178.00	
			For Black Aluminum Frames (Three Piece), Add	271.53	
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.....	565.01	81.38
			For Auxiliary Frame Reinforcement For Hinges, Add	60.34	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	48.27	
			For Type 304 Stainless Steel Frame, Add	732.21	
			For Type 316 Stainless Steel Frame, Add	852.88	
			For Baked Enamel Finish, Add	145.09	
			For 18 Gauge Frame, Deduct	-40.23	
			For 14 Gauge Frame, Add	100.57	
			For 12 Gauge Frame, Add	152.86	
			For Clear Aluminum Frames (Three Piece), Add	118.67	
			For Black Aluminum Frames (Three Piece), Add	181.02	
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	657.91	89.51
			For Auxiliary Frame Reinforcement For Hinges, Add	71.83	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	57.47	
			For Type 304 Stainless Steel Frame, Add	870.94	
			For Type 316 Stainless Steel Frame, Add	1,014.60	
			For Baked Enamel Finish, Add	170.52	
			For 18 Gauge Frame, Deduct	-47.89	
			For 14 Gauge Frame, Add	119.72	
			For 12 Gauge Frame, Add	181.97	
			For Clear Aluminum Frames (Three Piece), Add	141.27	
			For Black Aluminum Frames (Three Piece), Add	215.50	
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	676.42	94.94
			For Auxiliary Frame Reinforcement For Hinges, Add	72.98	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	58.38	
			For Type 304 Stainless Steel Frame, Add	885.27	
			For Type 316 Stainless Steel Frame, Add	1,031.23	
			For Baked Enamel Finish, Add	174.44	
			For 18 Gauge Frame, Deduct	-48.65	
			For 14 Gauge Frame, Add	121.64	
			For 12 Gauge Frame, Add	184.89	
			For Clear Aluminum Frames (Three Piece), Add	143.53	
			For Black Aluminum Frames (Three Piece), Add	218.94	
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	692.69	103.08
			For Auxiliary Frame Reinforcement For Hinges, Add	72.98	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	58.38	
			For Type 304 Stainless Steel Frame, Add	886.08	
			For Type 316 Stainless Steel Frame, Add	1,032.04	
			For Baked Enamel Finish, Add	176.88	
			For 18 Gauge Frame, Deduct	-48.65	
			For 14 Gauge Frame, Add	121.64	
			For 12 Gauge Frame, Add	184.89	
			For Clear Aluminum Frames (Three Piece), Add	143.53	
			For Black Aluminum Frames (Three Piece), Add	218.94	



Openings			08
Doors and Frames			08 10
Metal Frames			08 12

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0023	EA	2'-10" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	.....	705.78	105.79
		For Auxiliary Frame Reinforcement For Hinges, Add	.....	74.13	
		For Welded Frames, Add	.....	211.05	
		For Galvanized Frames, Add	.....	59.30	
		For Type 304 Stainless Steel Frame, Add	.....	900.14	
		For Type 316 Stainless Steel Frame, Add	.....	1,048.40	
		For Baked Enamel Finish, Add	.....	180.00	
		For 18 Gauge Frame, Deduct	.....	-49.42	
		For 14 Gauge Frame, Add	.....	123.55	
		For 12 Gauge Frame, Add	.....	187.80	
		For Clear Aluminum Frames (Three Piece), Add	.....	145.79	
		For Black Aluminum Frames (Three Piece), Add	.....	222.39	
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	.....	718.87	108.50
		For Auxiliary Frame Reinforcement For Hinges, Add	.....	75.28	
		For Welded Frames, Add	.....	211.05	
		For Galvanized Frames, Add	.....	60.22	
		For Type 304 Stainless Steel Frame, Add	.....	914.20	
		For Type 316 Stainless Steel Frame, Add	.....	1,064.75	
		For Baked Enamel Finish, Add	.....	183.11	
		For 18 Gauge Frame, Deduct	.....	-50.19	
		For 14 Gauge Frame, Add	.....	125.47	
		For 12 Gauge Frame, Add	.....	190.71	
		For Clear Aluminum Frames (Three Piece), Add	.....	148.05	
		For Black Aluminum Frames (Three Piece), Add	.....	225.84	
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	.....	764.19	113.93
		For Auxiliary Frame Reinforcement For Hinges, Add	.....	80.45	
		For Welded Frames, Add	.....	211.05	
		For Galvanized Frames, Add	.....	64.36	
		For Type 304 Stainless Steel Frame, Add	.....	976.80	
		For Type 316 Stainless Steel Frame, Add	.....	1,137.71	
		For Baked Enamel Finish, Add	.....	195.08	
		For 18 Gauge Frame, Deduct	.....	-53.63	
		For 14 Gauge Frame, Add	.....	134.09	
		For 12 Gauge Frame, Add	.....	203.81	
		For Clear Aluminum Frames (Three Piece), Add	.....	158.22	
		For Black Aluminum Frames (Three Piece), Add	.....	241.35	
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	.....	775.04	119.36
		For Auxiliary Frame Reinforcement For Hinges, Add	.....	80.45	
		For Welded Frames, Add	.....	211.05	
		For Galvanized Frames, Add	.....	64.36	
		For Type 304 Stainless Steel Frame, Add	.....	977.35	
		For Type 316 Stainless Steel Frame, Add	.....	1,138.25	
		For Baked Enamel Finish, Add	.....	196.71	
		For 18 Gauge Frame, Deduct	.....	-53.63	
		For 14 Gauge Frame, Add	.....	134.09	
		For 12 Gauge Frame, Add	.....	203.81	
		For Clear Aluminum Frames (Three Piece), Add	.....	158.22	
		For Black Aluminum Frames (Three Piece), Add	.....	241.35	
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	.....	805.06	124.77
		For Auxiliary Frame Reinforcement For Hinges, Add	.....	83.33	
		For Welded Frames, Add	.....	211.05	
		For Galvanized Frames, Add	.....	66.66	
		For Type 304 Stainless Steel Frame, Add	.....	1,012.38	
		For Type 316 Stainless Steel Frame, Add	.....	1,179.03	
		For Baked Enamel Finish, Add	.....	204.08	
		For 18 Gauge Frame, Deduct	.....	-55.55	
		For 14 Gauge Frame, Add	.....	138.88	
		For 12 Gauge Frame, Add	.....	211.09	
		For Clear Aluminum Frames (Three Piece), Add	.....	163.87	
		For Black Aluminum Frames (Three Piece), Add	.....	249.98	
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	.....	835.06	130.20
		For Auxiliary Frame Reinforcement For Hinges, Add	.....	86.20	
		For Welded Frames, Add	.....	211.05	
		For Galvanized Frames, Add	.....	68.96	
		For Type 304 Stainless Steel Frame, Add	.....	1,047.39	
		For Type 316 Stainless Steel Frame, Add	.....	1,219.79	
		For Baked Enamel Finish, Add	.....	211.46	
		For 18 Gauge Frame, Deduct	.....	-57.47	
		For 14 Gauge Frame, Add	.....	143.66	
		For 12 Gauge Frame, Add	.....	218.37	
		For Clear Aluminum Frames (Three Piece), Add	.....	169.52	
		For Black Aluminum Frames (Three Piece), Add	.....	258.59	
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	.....	845.90	135.63
		For Auxiliary Frame Reinforcement For Hinges, Add	.....	86.20	
		For Welded Frames, Add	.....	211.05	
		For Galvanized Frames, Add	.....	68.96	
		For Type 304 Stainless Steel Frame, Add	.....	1,047.93	
		For Type 316 Stainless Steel Frame, Add	.....	1,220.33	
		For Baked Enamel Finish, Add	.....	213.08	
		For 18 Gauge Frame, Deduct	.....	-57.47	
		For 14 Gauge Frame, Add	.....	143.66	
		For 12 Gauge Frame, Add	.....	218.37	
		For Clear Aluminum Frames (Three Piece), Add	.....	169.52	
		For Black Aluminum Frames (Three Piece), Add	.....	258.59	

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 13-0030	EA		5'-8" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	860.91	138.34
			For Auxiliary Frame Reinforcement For Hinges, Add	87.63	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	70.11	
			For Type 304 Stainless Steel Frame, Add	1,065.45	
			For Type 316 Stainless Steel Frame, Add	1,240.72	
			For Baked Enamel Finish, Add	216.77	
			For 18 Gauge Frame, Deduct	-58.42	
			For 14 Gauge Frame, Add	146.06	
			For 12 Gauge Frame, Add	222.07	
			For Clear Aluminum Frames (Three Piece), Add	172.35	
			For Black Aluminum Frames (Three Piece), Add	262.90	
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	875.92	141.05
			For Auxiliary Frame Reinforcement For Hinges, Add	89.07	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	71.26	
			For Type 304 Stainless Steel Frame, Add	1,082.96	
			For Type 316 Stainless Steel Frame, Add	1,261.11	
			For Baked Enamel Finish, Add	220.46	
			For 18 Gauge Frame, Deduct	-59.38	
			For 14 Gauge Frame, Add	148.45	
			For 12 Gauge Frame, Add	225.65	
			For Clear Aluminum Frames (Three Piece), Add	175.17	
			For Black Aluminum Frames (Three Piece), Add	267.21	
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	919.65	143.77
			For Auxiliary Frame Reinforcement For Hinges, Add	94.82	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	75.85	
			For Type 304 Stainless Steel Frame, Add	1,152.19	
			For Type 316 Stainless Steel Frame, Add	1,341.83	
			For Baked Enamel Finish, Add	232.77	
			For 18 Gauge Frame, Deduct	-63.21	
			For 14 Gauge Frame, Add	158.03	
			For 12 Gauge Frame, Add	240.21	
			For Clear Aluminum Frames (Three Piece), Add	186.48	
			For Black Aluminum Frames (Three Piece), Add	284.45	
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	963.39	146.48
			For Auxiliary Frame Reinforcement For Hinges, Add	100.56	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	80.45	
			For Type 304 Stainless Steel Frame, Add	1,221.42	
			For Type 316 Stainless Steel Frame, Add	1,422.55	
			For Baked Enamel Finish, Add	245.07	
			For 18 Gauge Frame, Deduct	-67.04	
			For 14 Gauge Frame, Add	167.61	
			For 12 Gauge Frame, Add	254.76	
			For Clear Aluminum Frames (Three Piece), Add	197.78	
			For Black Aluminum Frames (Three Piece), Add	301.69	
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	565.01	81.38
			For Auxiliary Frame Reinforcement For Hinges, Add	60.34	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	48.27	
			For Type 304 Stainless Steel Frame, Add	732.21	
			For Type 316 Stainless Steel Frame, Add	852.88	
			For Baked Enamel Finish, Add	145.09	
			For 18 Gauge Frame, Deduct	-40.23	
			For 14 Gauge Frame, Add	100.57	
			For 12 Gauge Frame, Add	152.86	
			For Clear Aluminum Frames (Three Piece), Add	118.67	
			For Black Aluminum Frames (Three Piece), Add	181.02	
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	657.91	89.51
			For Auxiliary Frame Reinforcement For Hinges, Add	71.83	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	57.47	
			For Type 304 Stainless Steel Frame, Add	870.94	
			For Type 316 Stainless Steel Frame, Add	1,014.60	
			For Baked Enamel Finish, Add	170.52	
			For 18 Gauge Frame, Deduct	-47.89	
			For 14 Gauge Frame, Add	119.72	
			For 12 Gauge Frame, Add	181.97	
			For Clear Aluminum Frames (Three Piece), Add	141.27	
			For Black Aluminum Frames (Three Piece), Add	215.50	



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 13-0038	EA		2'-6" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	676.42	94.94
			For Auxiliary Frame Reinforcement For Hinges, Add	72.98	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	58.38	
			For Type 304 Stainless Steel Frame, Add	885.27	
			For Type 316 Stainless Steel Frame, Add	1,031.23	
			For Baked Enamel Finish, Add	174.44	
			For 18 Gauge Frame, Deduct	-48.65	
			For 14 Gauge Frame, Add	121.64	
			For 12 Gauge Frame, Add	184.89	
			For Clear Aluminum Frames (Three Piece), Add	143.53	
			For Black Aluminum Frames (Three Piece), Add	218.94	
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.....	692.69	103.08
			For Auxiliary Frame Reinforcement For Hinges, Add	72.98	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	58.38	
			For Type 304 Stainless Steel Frame, Add	886.08	
			For Type 316 Stainless Steel Frame, Add	1,032.04	
			For Baked Enamel Finish, Add	176.88	
			For 18 Gauge Frame, Deduct	-48.65	
			For 14 Gauge Frame, Add	121.64	
			For 12 Gauge Frame, Add	184.89	
			For Clear Aluminum Frames (Three Piece), Add	143.53	
			For Black Aluminum Frames (Three Piece), Add	218.94	
08 12 13 13-0040	EA		3'-10" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	705.78	105.79
			For Auxiliary Frame Reinforcement For Hinges, Add	74.13	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	59.30	
			For Type 304 Stainless Steel Frame, Add	900.14	
			For Type 316 Stainless Steel Frame, Add	1,048.40	
			For Baked Enamel Finish, Add	180.00	
			For 18 Gauge Frame, Deduct	-49.42	
			For 14 Gauge Frame, Add	123.55	
			For 12 Gauge Frame, Add	187.80	
			For Clear Aluminum Frames (Three Piece), Add	145.79	
			For Black Aluminum Frames (Three Piece), Add	222.39	
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	718.87	108.50
			For Auxiliary Frame Reinforcement For Hinges, Add	75.28	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	60.22	
			For Type 304 Stainless Steel Frame, Add	914.20	
			For Type 316 Stainless Steel Frame, Add	1,064.76	
			For Baked Enamel Finish, Add	183.11	
			For 18 Gauge Frame, Deduct	-50.19	
			For 14 Gauge Frame, Add	125.47	
			For 12 Gauge Frame, Add	190.71	
			For Clear Aluminum Frames (Three Piece), Add	148.05	
			For Black Aluminum Frames (Three Piece), Add	225.84	
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.....	764.19	113.93
			For Auxiliary Frame Reinforcement For Hinges, Add	80.45	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	64.36	
			For Type 304 Stainless Steel Frame, Add	976.80	
			For Type 316 Stainless Steel Frame, Add	1,137.71	
			For Baked Enamel Finish, Add	195.08	
			For 18 Gauge Frame, Deduct	-53.63	
			For 14 Gauge Frame, Add	134.09	
			For 12 Gauge Frame, Add	203.81	
			For Clear Aluminum Frames (Three Piece), Add	158.22	
			For Black Aluminum Frames (Three Piece), Add	241.35	
08 12 13 13-0043	EA		3'-6" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	775.04	119.36
			For Auxiliary Frame Reinforcement For Hinges, Add	80.45	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	64.36	
			For Type 304 Stainless Steel Frame, Add	977.35	
			For Type 316 Stainless Steel Frame, Add	1,138.25	
			For Baked Enamel Finish, Add	196.71	
			For 18 Gauge Frame, Deduct	-53.63	
			For 14 Gauge Frame, Add	134.09	
			For 12 Gauge Frame, Add	203.81	
			For Clear Aluminum Frames (Three Piece), Add	158.22	
			For Black Aluminum Frames (Three Piece), Add	241.35	
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	805.06	124.77
			For Auxiliary Frame Reinforcement For Hinges, Add	83.33	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	66.66	
			For Type 304 Stainless Steel Frame, Add	1,012.38	
			For Type 316 Stainless Steel Frame, Add	1,179.03	
			For Baked Enamel Finish, Add	204.08	
			For 18 Gauge Frame, Deduct	-55.55	
			For 14 Gauge Frame, Add	138.88	
			For 12 Gauge Frame, Add	211.09	
			For Clear Aluminum Frames (Three Piece), Add	163.87	
			For Black Aluminum Frames (Three Piece), Add	249.98	

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 13-0045	EA		5' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	835.06	130.20
			For Auxiliary Frame Reinforcement For Hinges, Add	86.20	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	68.96	
			For Type 304 Stainless Steel Frame, Add	1,047.39	
			For Type 316 Stainless Steel Frame, Add	1,219.79	
			For Baked Enamel Finish, Add	211.46	
			For 18 Gauge Frame, Deduct	-57.47	
			For 14 Gauge Frame, Add	143.66	
			For 12 Gauge Frame, Add	218.37	
			For Clear Aluminum Frames (Three Piece), Add	169.52	
			For Black Aluminum Frames (Three Piece), Add	238.59	
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	845.90	135.63
			For Auxiliary Frame Reinforcement For Hinges, Add	86.20	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	68.96	
			For Type 304 Stainless Steel Frame, Add	1,047.93	
			For Type 316 Stainless Steel Frame, Add	1,220.33	
			For Baked Enamel Finish, Add	213.08	
			For 18 Gauge Frame, Deduct	-57.47	
			For 14 Gauge Frame, Add	143.66	
			For 12 Gauge Frame, Add	218.37	
			For Clear Aluminum Frames (Three Piece), Add	169.52	
			For Black Aluminum Frames (Three Piece), Add	238.59	
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	860.91	138.34
			For Auxiliary Frame Reinforcement For Hinges, Add	87.63	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	70.11	
			For Type 304 Stainless Steel Frame, Add	1,065.45	
			For Type 316 Stainless Steel Frame, Add	1,240.72	
			For Baked Enamel Finish, Add	216.77	
			For 18 Gauge Frame, Deduct	-58.42	
			For 14 Gauge Frame, Add	146.06	
			For 12 Gauge Frame, Add	222.01	
			For Clear Aluminum Frames (Three Piece), Add	172.35	
			For Black Aluminum Frames (Three Piece), Add	262.90	
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	875.92	141.05
			For Auxiliary Frame Reinforcement For Hinges, Add	89.07	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	71.26	
			For Type 304 Stainless Steel Frame, Add	1,082.96	
			For Type 316 Stainless Steel Frame, Add	1,261.11	
			For Baked Enamel Finish, Add	220.46	
			For 18 Gauge Frame, Deduct	-59.38	
			For 14 Gauge Frame, Add	148.45	
			For 12 Gauge Frame, Add	225.65	
			For Clear Aluminum Frames (Three Piece), Add	175.17	
			For Black Aluminum Frames (Three Piece), Add	267.21	
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	919.65	143.77
			For Auxiliary Frame Reinforcement For Hinges, Add	94.82	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	75.85	
			For Type 304 Stainless Steel Frame, Add	1,152.19	
			For Type 316 Stainless Steel Frame, Add	1,341.83	
			For Baked Enamel Finish, Add	232.77	
			For 18 Gauge Frame, Deduct	-63.21	
			For 14 Gauge Frame, Add	158.03	
			For 12 Gauge Frame, Add	240.21	
			For Clear Aluminum Frames (Three Piece), Add	186.48	
			For Black Aluminum Frames (Three Piece), Add	284.45	
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	963.39	146.48
			For Auxiliary Frame Reinforcement For Hinges, Add	100.56	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	80.45	
			For Type 304 Stainless Steel Frame, Add	1,221.42	
			For Type 316 Stainless Steel Frame, Add	1,422.55	
			For Baked Enamel Finish, Add	245.07	
			For 18 Gauge Frame, Deduct	-67.04	
			For 14 Gauge Frame, Add	167.61	
			For 12 Gauge Frame, Add	254.76	
			For Clear Aluminum Frames (Three Piece), Add	197.78	
			For Black Aluminum Frames (Three Piece), Add	301.69	
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)		



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 13-0052	EA	2' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	609.70	81.38	
		For Auxiliary Frame Reinforcement For Hinges, Add	67.04		
		For Welded Frames, Add	211.05		
		For Galvanized Frames, Add	53.63		
		For Type 304 Stainless Steel Frame, Add	812.65		
		For Type 316 Stainless Steel Frame, Add	946.73		
		For Baked Enamel Finish, Add	158.50		
		For 18 Gauge Frame, Deduct	-44.70		
		For 14 Gauge Frame, Add	111.74		
		For 12 Gauge Frame, Add	169.84		
		For Clear Aluminum Frames (Three Piece), Add	131.85		
		For Black Aluminum Frames (Three Piece), Add	201.13		
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	711.12	89.51	
		For Auxiliary Frame Reinforcement For Hinges, Add	79.81		
		For Welded Frames, Add	211.05		
		For Galvanized Frames, Add	63.85		
		For Type 304 Stainless Steel Frame, Add	966.71		
		For Type 316 Stainless Steel Frame, Add	1,126.34		
		For Baked Enamel Finish, Add	186.48		
		For 18 Gauge Frame, Deduct	-53.21		
		For 14 Gauge Frame, Add	133.02		
		For 12 Gauge Frame, Add	202.19		
		For Clear Aluminum Frames (Three Piece), Add	156.97		
		For Black Aluminum Frames (Three Piece), Add	239.44		
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	730.48	94.94	
		For Auxiliary Frame Reinforcement For Hinges, Add	81.09		
		For Welded Frames, Add	211.05		
		For Galvanized Frames, Add	64.87		
		For Type 304 Stainless Steel Frame, Add	982.57		
		For Type 316 Stainless Steel Frame, Add	1,144.75		
		For Baked Enamel Finish, Add	190.66		
		For 18 Gauge Frame, Deduct	-54.06		
		For 14 Gauge Frame, Add	135.15		
		For 12 Gauge Frame, Add	205.43		
		For Clear Aluminum Frames (Three Piece), Add	159.48		
		For Black Aluminum Frames (Three Piece), Add	243.27		
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	746.75	103.08	
		For Auxiliary Frame Reinforcement For Hinges, Add	81.09		
		For Welded Frames, Add	211.05		
		For Galvanized Frames, Add	64.87		
		For Type 304 Stainless Steel Frame, Add	983.39		
		For Type 316 Stainless Steel Frame, Add	1,145.57		
		For Baked Enamel Finish, Add	193.10		
		For 18 Gauge Frame, Deduct	-54.06		
		For 14 Gauge Frame, Add	135.15		
		For 12 Gauge Frame, Add	205.43		
		For Clear Aluminum Frames (Three Piece), Add	159.48		
		For Black Aluminum Frames (Three Piece), Add	243.27		
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	760.69	105.79	
		For Auxiliary Frame Reinforcement For Hinges, Add	82.37		
		For Welded Frames, Add	211.05		
		For Galvanized Frames, Add	65.89		
		For Type 304 Stainless Steel Frame, Add	998.98		
		For Type 316 Stainless Steel Frame, Add	1,163.71		
		For Baked Enamel Finish, Add	196.47		
		For 18 Gauge Frame, Deduct	-54.91		
		For 14 Gauge Frame, Add	137.28		
		For 12 Gauge Frame, Add	208.66		
		For Clear Aluminum Frames (Three Piece), Add	161.99		
		For Black Aluminum Frames (Three Piece), Add	247.10		
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	774.64	108.50	
		For Auxiliary Frame Reinforcement For Hinges, Add	83.64		
		For Welded Frames, Add	211.05		
		For Galvanized Frames, Add	66.92		
		For Type 304 Stainless Steel Frame, Add	1,014.58		
		For Type 316 Stainless Steel Frame, Add	1,181.87		
		For Baked Enamel Finish, Add	199.84		
		For 18 Gauge Frame, Deduct	-55.76		
		For 14 Gauge Frame, Add	139.41		
		For 12 Gauge Frame, Add	211.90		
		For Clear Aluminum Frames (Three Piece), Add	164.50		
		For Black Aluminum Frames (Three Piece), Add	250.93		
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	823.79	113.93	
		For Auxiliary Frame Reinforcement For Hinges, Add	89.39		
		For Welded Frames, Add	211.05		
		For Galvanized Frames, Add	71.51		
		For Type 304 Stainless Steel Frame, Add	1,084.08		
		For Type 316 Stainless Steel Frame, Add	1,262.87		
		For Baked Enamel Finish, Add	212.96		
		For 18 Gauge Frame, Deduct	-59.59		
		For 14 Gauge Frame, Add	148.99		
		For 12 Gauge Frame, Add	226.46		
		For Clear Aluminum Frames (Three Piece), Add	175.80		
		For Black Aluminum Frames (Three Piece), Add	268.17		

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 13-0059	EA	3'-6" x >7'-2"	Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	834.64	119.36
			For Auxiliary Frame Reinforcement For Hinges, Add	89.39	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	71.51	
			For Type 304 Stainless Steel Frame, Add	1,084.63	
			For Type 316 Stainless Steel Frame, Add	1,263.41	
			For Baked Enamel Finish, Add	214.59	
			For 18 Gauge Frame, Deduct	-59.59	
			For 14 Gauge Frame, Add	148.99	
			For 12 Gauge Frame, Add	226.46	
			For Clear Aluminum Frames (Three Piece), Add	175.80	
			For Black Aluminum Frames (Three Piece), Add	288.17	
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	866.78	124.77
			For Auxiliary Frame Reinforcement For Hinges, Add	92.58	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	74.07	
			For Type 304 Stainless Steel Frame, Add	1,123.47	
			For Type 316 Stainless Steel Frame, Add	1,308.64	
			For Baked Enamel Finish, Add	222.60	
			For 18 Gauge Frame, Deduct	-61.72	
			For 14 Gauge Frame, Add	154.31	
			For 12 Gauge Frame, Add	234.54	
			For Clear Aluminum Frames (Three Piece), Add	182.08	
			For Black Aluminum Frames (Three Piece), Add	277.75	
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	898.91	130.20
			For Auxiliary Frame Reinforcement For Hinges, Add	95.78	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	76.62	
			For Type 304 Stainless Steel Frame, Add	1,162.32	
			For Type 316 Stainless Steel Frame, Add	1,353.87	
			For Baked Enamel Finish, Add	230.61	
			For 18 Gauge Frame, Deduct	-63.85	
			For 14 Gauge Frame, Add	159.63	
			For 12 Gauge Frame, Add	242.63	
			For Clear Aluminum Frames (Three Piece), Add	188.36	
			For Black Aluminum Frames (Three Piece), Add	287.33	
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	909.75	135.63
			For Auxiliary Frame Reinforcement For Hinges, Add	95.78	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	76.62	
			For Type 304 Stainless Steel Frame, Add	1,162.86	
			For Type 316 Stainless Steel Frame, Add	1,354.41	
			For Baked Enamel Finish, Add	232.24	
			For 18 Gauge Frame, Deduct	-63.85	
			For 14 Gauge Frame, Add	159.63	
			For 12 Gauge Frame, Add	242.63	
			For Clear Aluminum Frames (Three Piece), Add	188.36	
			For Black Aluminum Frames (Three Piece), Add	287.33	
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	925.83	138.34
			For Auxiliary Frame Reinforcement For Hinges, Add	97.37	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	77.90	
			For Type 304 Stainless Steel Frame, Add	1,182.30	
			For Type 316 Stainless Steel Frame, Add	1,377.05	
			For Baked Enamel Finish, Add	236.25	
			For 18 Gauge Frame, Deduct	-64.92	
			For 14 Gauge Frame, Add	162.29	
			For 12 Gauge Frame, Add	246.68	
			For Clear Aluminum Frames (Three Piece), Add	191.50	
			For Black Aluminum Frames (Three Piece), Add	292.12	
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	941.90	141.05
			For Auxiliary Frame Reinforcement For Hinges, Add	98.97	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	79.17	
			For Type 304 Stainless Steel Frame, Add	1,201.73	
			For Type 316 Stainless Steel Frame, Add	1,399.66	
			For Baked Enamel Finish, Add	240.25	
			For 18 Gauge Frame, Deduct	-65.98	
			For 14 Gauge Frame, Add	164.95	
			For 12 Gauge Frame, Add	250.72	
			For Clear Aluminum Frames (Three Piece), Add	194.64	
			For Black Aluminum Frames (Three Piece), Add	296.91	
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	989.89	143.77
			For Auxiliary Frame Reinforcement For Hinges, Add	105.35	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	84.28	
			For Type 304 Stainless Steel Frame, Add	1,278.62	
			For Type 316 Stainless Steel Frame, Add	1,489.33	
			For Baked Enamel Finish, Add	253.84	
			For 18 Gauge Frame, Deduct	-70.24	
			For 14 Gauge Frame, Add	175.59	
			For 12 Gauge Frame, Add	266.90	
			For Clear Aluminum Frames (Three Piece), Add	207.20	
			For Black Aluminum Frames (Three Piece), Add	316.06	



		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 13-0066	EA		8' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,037.88	146.48
			For Auxiliary Frame Reinforcement For Hinges, Add	111.74	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	89.39	
			For Type 304 Stainless Steel Frame, Add	1,355.50	
			For Type 316 Stainless Steel Frame, Add	1,578.98	
			For Baked Enamel Finish, Add	267.42	
			For 18 Gauge Frame, Deduct	-74.49	
			For 14 Gauge Frame, Add	186.23	
			For 12 Gauge Frame, Add	283.07	
			For Clear Aluminum Frames (Three Piece), Add	219.75	
			For Black Aluminum Frames (Three Piece), Add	335.21	
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.....	799.57	81.38
			For Auxiliary Frame Reinforcement For Hinges, Add	95.52	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	76.42	
			For Type 304 Stainless Steel Frame, Add	1,154.41	
			For Type 316 Stainless Steel Frame, Add	1,345.46	
			For Baked Enamel Finish, Add	215.46	
			For 18 Gauge Frame, Deduct	-63.68	
			For 14 Gauge Frame, Add	159.21	
			For 12 Gauge Frame, Add	241.99	
			For Clear Aluminum Frames (Three Piece), Add	187.86	
			For Black Aluminum Frames (Three Piece), Add	286.57	
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.....	937.15	89.51
			For Auxiliary Frame Reinforcement For Hinges, Add	113.72	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	90.97	
			For Type 304 Stainless Steel Frame, Add	1,373.57	
			For Type 316 Stainless Steel Frame, Add	1,601.00	
			For Baked Enamel Finish, Add	254.29	
			For 18 Gauge Frame, Deduct	-75.81	
			For 14 Gauge Frame, Add	189.53	
			For 12 Gauge Frame, Add	288.09	
			For Clear Aluminum Frames (Three Piece), Add	223.65	
			For Black Aluminum Frames (Three Piece), Add	341.15	
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.....	960.13	94.94
			For Auxiliary Frame Reinforcement For Hinges, Add	115.54	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	92.43	
			For Type 304 Stainless Steel Frame, Add	1,395.94	
			For Type 316 Stainless Steel Frame, Add	1,627.02	
			For Baked Enamel Finish, Add	259.56	
			For 18 Gauge Frame, Deduct	-77.03	
			For 14 Gauge Frame, Add	192.56	
			For 12 Gauge Frame, Add	292.70	
			For Clear Aluminum Frames (Three Piece), Add	227.22	
			For Black Aluminum Frames (Three Piece), Add	346.61	
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.....	976.40	103.08
			For Auxiliary Frame Reinforcement For Hinges, Add	115.54	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	92.43	
			For Type 304 Stainless Steel Frame, Add	1,396.76	
			For Type 316 Stainless Steel Frame, Add	1,627.83	
			For Baked Enamel Finish, Add	262.00	
			For 18 Gauge Frame, Deduct	-77.03	
			For 14 Gauge Frame, Add	192.56	
			For 12 Gauge Frame, Add	292.70	
			For Clear Aluminum Frames (Three Piece), Add	227.22	
			For Black Aluminum Frames (Three Piece), Add	346.61	
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.....	993.96	105.79
			For Auxiliary Frame Reinforcement For Hinges, Add	117.36	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	93.89	
			For Type 304 Stainless Steel Frame, Add	1,418.86	
			For Type 316 Stainless Steel Frame, Add	1,653.58	
			For Baked Enamel Finish, Add	266.45	
			For 18 Gauge Frame, Deduct	-78.24	
			For 14 Gauge Frame, Add	195.60	
			For 12 Gauge Frame, Add	297.30	
			For Clear Aluminum Frames (Three Piece), Add	230.80	
			For Black Aluminum Frames (Three Piece), Add	352.07	

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 13-0074	EA	3' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,011.52	108.50	
		For Auxiliary Frame Reinforcement For Hinges, Add	119.18		
		For Welded Frames, Add	211.05		
		For Galvanized Frames, Add	95.34		
		For Type 304 Stainless Steel Frame, Add	1,440.97		
		For Type 316 Stainless Steel Frame, Add	1,679.32		
		For Baked Enamel Finish, Add	270.90		
		For 18 Gauge Frame, Deduct	-79.45		
		For 14 Gauge Frame, Add	198.63		
		For 12 Gauge Frame, Add	301.97		
		For Clear Aluminum Frames (Three Piece), Add	234.38		
		For Black Aluminum Frames (Three Piece), Add	387.53		
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	1,076.94	113.93	
		For Auxiliary Frame Reinforcement For Hinges, Add	127.36		
		For Welded Frames, Add	211.05		
		For Galvanized Frames, Add	101.89		
		For Type 304 Stainless Steel Frame, Add	1,539.75		
		For Type 316 Stainless Steel Frame, Add	1,794.48		
		For Baked Enamel Finish, Add	288.90		
		For 18 Gauge Frame, Deduct	-84.91		
		For 14 Gauge Frame, Add	212.27		
		For 12 Gauge Frame, Add	322.65		
		For Clear Aluminum Frames (Three Piece), Add	250.48		
		For Black Aluminum Frames (Three Piece), Add	382.09		
08 12 13 13-0076	EA	4' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,087.79	119.36	
		For Auxiliary Frame Reinforcement For Hinges, Add	127.36		
		For Welded Frames, Add	211.05		
		For Galvanized Frames, Add	101.89		
		For Type 304 Stainless Steel Frame, Add	1,540.30		
		For Type 316 Stainless Steel Frame, Add	1,795.02		
		For Baked Enamel Finish, Add	290.53		
		For 18 Gauge Frame, Deduct	-84.91		
		For 14 Gauge Frame, Add	212.27		
		For 12 Gauge Frame, Add	322.65		
		For Clear Aluminum Frames (Three Piece), Add	250.48		
		For Black Aluminum Frames (Three Piece), Add	382.09		
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	1,128.98	124.77	
		For Auxiliary Frame Reinforcement For Hinges, Add	131.91		
		For Welded Frames, Add	211.05		
		For Galvanized Frames, Add	105.53		
		For Type 304 Stainless Steel Frame, Add	1,595.43		
		For Type 316 Stainless Steel Frame, Add	1,859.26		
		For Baked Enamel Finish, Add	301.26		
		For 18 Gauge Frame, Deduct	-87.94		
		For 14 Gauge Frame, Add	219.86		
		For 12 Gauge Frame, Add	334.18		
		For Clear Aluminum Frames (Three Piece), Add	259.43		
		For Black Aluminum Frames (Three Piece), Add	395.74		
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	1,170.15	130.20	
		For Auxiliary Frame Reinforcement For Hinges, Add	136.46		
		For Welded Frames, Add	211.05		
		For Galvanized Frames, Add	109.17		
		For Type 304 Stainless Steel Frame, Add	1,650.55		
		For Type 316 Stainless Steel Frame, Add	1,923.47		
		For Baked Enamel Finish, Add	311.98		
		For 18 Gauge Frame, Deduct	-90.97		
		For 14 Gauge Frame, Add	227.44		
		For 12 Gauge Frame, Add	345.70		
		For Clear Aluminum Frames (Three Piece), Add	268.37		
		For Black Aluminum Frames (Three Piece), Add	409.38		
08 12 13 13-0079	EA	5'-4" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,180.99	135.63	
		For Auxiliary Frame Reinforcement For Hinges, Add	136.46		
		For Welded Frames, Add	211.05		
		For Galvanized Frames, Add	109.17		
		For Type 304 Stainless Steel Frame, Add	1,651.09		
		For Type 316 Stainless Steel Frame, Add	1,924.02		
		For Baked Enamel Finish, Add	313.61		
		For 18 Gauge Frame, Deduct	-90.97		
		For 14 Gauge Frame, Add	227.44		
		For 12 Gauge Frame, Add	345.70		
		For Clear Aluminum Frames (Three Piece), Add	268.37		
		For Black Aluminum Frames (Three Piece), Add	409.38		
08 12 13 13-0080	EA	5'-8" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,201.58	138.34	
		For Auxiliary Frame Reinforcement For Hinges, Add	138.74		
		For Welded Frames, Add	211.05		
		For Galvanized Frames, Add	110.99		
		For Type 304 Stainless Steel Frame, Add	1,678.65		
		For Type 316 Stainless Steel Frame, Add	1,956.12		
		For Baked Enamel Finish, Add	318.97		
		For 18 Gauge Frame, Deduct	-92.49		
		For 14 Gauge Frame, Add	231.23		
		For 12 Gauge Frame, Add	351.46		
		For Clear Aluminum Frames (Three Piece), Add	272.85		
		For Black Aluminum Frames (Three Piece), Add	416.21		



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 13-0081	EA		6' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame For Auxiliary Frame Reinforcement For Hinges, Add For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add For Clear Aluminum Frames (Three Piece), Add For Black Aluminum Frames (Three Piece), Add	1,222.18 141.01 211.05 112.81 1,706.23 1,988.25 324.34 -94.01 235.02 357.23 277.32 423.03	141.05
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 For Auxiliary Frame Reinforcement For Hinges, Add For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add For Clear Aluminum Frames (Three Piece), Add For Black Aluminum Frames (Three Piece), Add	1,288.24 150.11 211.05 120.09 1,815.65 2,115.87 343.34 -100.07 250.18 380.27 295.21 450.32	143.77
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 For Auxiliary Frame Reinforcement For Hinges, Add For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add For Clear Aluminum Frames (Three Piece), Add For Black Aluminum Frames (Three Piece), Add	1,354.33 159.21 211.05 127.36 1,925.11 2,243.53 362.36 -106.14 265.34 403.32 313.10 477.62	146.48
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 13-0087)		
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 For Auxiliary Frame Reinforcement For Hinges, Add For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add For Clear Aluminum Frames (Three Piece), Add For Black Aluminum Frames (Three Piece), Add	870.33 106.14 211.05 84.91 1,281.78 1,494.06 236.69 -70.76 176.90 268.88 208.74 318.41	81.38
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 For Auxiliary Frame Reinforcement For Hinges, Add For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add For Clear Aluminum Frames (Three Piece), Add For Black Aluminum Frames (Three Piece), Add	1,021.38 126.35 211.05 101.08 1,525.18 1,777.89 279.56 -84.24 210.59 320.09 248.49 379.06	89.51
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 For Auxiliary Frame Reinforcement For Hinges, Add For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add For Clear Aluminum Frames (Three Piece), Add For Black Aluminum Frames (Three Piece), Add	1,045.71 128.37 211.05 102.70 1,549.99 1,806.74 285.23 -85.58 213.96 325.22 252.47 385.12	94.94

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 13-0088	EA	2'-8" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,061.98	103.08	
		For Auxiliary Frame Reinforcement For Hinges, Add	128.37		
		For Welded Frames, Add	211.05		
		For Galvanized Frames, Add	102.70		
		For Type 304 Stainless Steel Frame, Add	1,550.80		
		For Type 316 Stainless Steel Frame, Add	1,807.55		
		For Baked Enamel Finish, Add	287.67		
		For 18 Gauge Frame, Deduct	-85.58		
		For 14 Gauge Frame, Add	213.96		
		For 12 Gauge Frame, Add	325.22		
		For Clear Aluminum Frames (Three Piece), Add	252.47		
		For Black Aluminum Frames (Three Piece), Add	385.12		
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	1,080.89	105.79	
		For Auxiliary Frame Reinforcement For Hinges, Add	130.40		
		For Welded Frames, Add	211.05		
		For Galvanized Frames, Add	104.32		
		For Type 304 Stainless Steel Frame, Add	1,575.34		
		For Type 316 Stainless Steel Frame, Add	1,836.13		
		For Baked Enamel Finish, Add	292.53		
		For 18 Gauge Frame, Deduct	-86.93		
		For 14 Gauge Frame, Add	217.33		
		For 12 Gauge Frame, Add	330.34		
		For Clear Aluminum Frames (Three Piece), Add	256.45		
		For Black Aluminum Frames (Three Piece), Add	391.19		
08 12 13 13-0090	EA	3'-4" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,099.80	108.50	
		For Auxiliary Frame Reinforcement For Hinges, Add	132.42		
		For Welded Frames, Add	211.05		
		For Galvanized Frames, Add	105.93		
		For Type 304 Stainless Steel Frame, Add	1,599.87		
		For Type 316 Stainless Steel Frame, Add	1,864.71		
		For Baked Enamel Finish, Add	297.39		
		For 18 Gauge Frame, Deduct	-88.28		
		For 14 Gauge Frame, Add	220.70		
		For 12 Gauge Frame, Add	335.46		
		For Clear Aluminum Frames (Three Piece), Add	260.42		
		For Black Aluminum Frames (Three Piece), Add	397.26		
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	1,171.29	113.93	
		For Auxiliary Frame Reinforcement For Hinges, Add	141.52		
		For Welded Frames, Add	211.05		
		For Galvanized Frames, Add	113.21		
		For Type 304 Stainless Steel Frame, Add	1,709.58		
		For Type 316 Stainless Steel Frame, Add	1,992.62		
		For Baked Enamel Finish, Add	317.21		
		For 18 Gauge Frame, Deduct	-94.34		
		For 14 Gauge Frame, Add	235.86		
		For 12 Gauge Frame, Add	358.51		
		For Clear Aluminum Frames (Three Piece), Add	278.31		
		For Black Aluminum Frames (Three Piece), Add	424.55		
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	1,182.14	119.36	
		For Auxiliary Frame Reinforcement For Hinges, Add	141.52		
		For Welded Frames, Add	211.05		
		For Galvanized Frames, Add	113.21		
		For Type 304 Stainless Steel Frame, Add	1,710.13		
		For Type 316 Stainless Steel Frame, Add	1,993.16		
		For Baked Enamel Finish, Add	318.84		
		For 18 Gauge Frame, Deduct	-94.34		
		For 14 Gauge Frame, Add	235.86		
		For 12 Gauge Frame, Add	358.51		
		For Clear Aluminum Frames (Three Piece), Add	278.31		
		For Black Aluminum Frames (Three Piece), Add	424.55		
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	1,226.69	124.77	
		For Auxiliary Frame Reinforcement For Hinges, Add	146.57		
		For Welded Frames, Add	211.05		
		For Galvanized Frames, Add	117.26		
		For Type 304 Stainless Steel Frame, Add	1,771.31		
		For Type 316 Stainless Steel Frame, Add	2,064.45		
		For Baked Enamel Finish, Add	330.57		
		For 18 Gauge Frame, Deduct	-97.71		
		For 14 Gauge Frame, Add	244.28		
		For 12 Gauge Frame, Add	371.31		
		For Clear Aluminum Frames (Three Piece), Add	288.25		
		For Black Aluminum Frames (Three Piece), Add	439.71		
08 12 13 13-0094	EA	5' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,271.23	130.20	
		For Auxiliary Frame Reinforcement For Hinges, Add	151.62		
		For Welded Frames, Add	211.05		
		For Galvanized Frames, Add	121.30		
		For Type 304 Stainless Steel Frame, Add	1,832.50		
		For Type 316 Stainless Steel Frame, Add	2,135.74		
		For Baked Enamel Finish, Add	342.31		
		For 18 Gauge Frame, Deduct	-101.08		
		For 14 Gauge Frame, Add	252.71		
		For 12 Gauge Frame, Add	384.11		
		For Clear Aluminum Frames (Three Piece), Add	298.19		
		For Black Aluminum Frames (Three Piece), Add	454.87		



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 13-0095	EA		5'-4" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,282.07	135.63
			For Auxiliary Frame Reinforcement For Hinges, Add	151.62	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	121.30	
			For Type 304 Stainless Steel Frame, Add	1,833.04	
			For Type 316 Stainless Steel Frame, Add	2,136.28	
			For Baked Enamel Finish, Add	343.93	
			For 18 Gauge Frame, Deduct	-101.08	
			For 14 Gauge Frame, Add	252.71	
			For 12 Gauge Frame, Add	384.11	
			For Clear Aluminum Frames (Three Piece), Add	298.19	
			For Black Aluminum Frames (Three Piece), Add	454.87	
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	1,304.35	138.34
			For Auxiliary Frame Reinforcement For Hinges, Add	154.15	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	123.32	
			For Type 304 Stainless Steel Frame, Add	1,863.64	
			For Type 316 Stainless Steel Frame, Add	2,171.94	
			For Baked Enamel Finish, Add	349.80	
			For 18 Gauge Frame, Deduct	-102.77	
			For 14 Gauge Frame, Add	256.92	
			For 12 Gauge Frame, Add	390.51	
			For Clear Aluminum Frames (Three Piece), Add	303.16	
			For Black Aluminum Frames (Three Piece), Add	462.45	
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.....	1,326.63	141.05
			For Auxiliary Frame Reinforcement For Hinges, Add	156.68	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	125.34	
			For Type 304 Stainless Steel Frame, Add	1,894.24	
			For Type 316 Stainless Steel Frame, Add	2,207.60	
			For Baked Enamel Finish, Add	355.67	
			For 18 Gauge Frame, Deduct	-104.45	
			For 14 Gauge Frame, Add	261.13	
			For 12 Gauge Frame, Add	396.92	
			For Clear Aluminum Frames (Three Piece), Add	308.13	
			For Black Aluminum Frames (Three Piece), Add	470.03	
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.....	1,399.42	143.77
			For Auxiliary Frame Reinforcement For Hinges, Add	166.78	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	133.43	
			For Type 304 Stainless Steel Frame, Add	2,015.78	
			For Type 316 Stainless Steel Frame, Add	2,349.35	
			For Baked Enamel Finish, Add	376.70	
			For 18 Gauge Frame, Deduct	-111.19	
			For 14 Gauge Frame, Add	277.97	
			For 12 Gauge Frame, Add	422.52	
			For Clear Aluminum Frames (Three Piece), Add	328.01	
			For Black Aluminum Frames (Three Piece), Add	500.35	
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.....	1,472.25	146.48
			For Auxiliary Frame Reinforcement For Hinges, Add	176.89	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	141.51	
			For Type 304 Stainless Steel Frame, Add	2,137.37	
			For Type 316 Stainless Steel Frame, Add	2,491.16	
			For Baked Enamel Finish, Add	397.73	
			For 18 Gauge Frame, Deduct	-117.93	
			For 14 Gauge Frame, Add	294.82	
			For 12 Gauge Frame, Add	448.13	
			For Clear Aluminum Frames (Three Piece), Add	347.89	
			For Black Aluminum Frames (Three Piece), Add	530.68	
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)		
08 12 13 13-0101			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	847.33	81.38
			For Auxiliary Frame Reinforcement For Hinges, Add	102.69	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	82.15	
			For Type 304 Stainless Steel Frame, Add	1,240.38	
			For Type 316 Stainless Steel Frame, Add	1,445.76	
			For Baked Enamel Finish, Add	229.79	
			For 18 Gauge Frame, Deduct	-68.46	
			For 14 Gauge Frame, Add	171.15	
			For 12 Gauge Frame, Add	260.14	

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 13-0103	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	.....	994.01	89.51
		For Auxiliary Frame Reinforcement For Hinges, Add		122.25	
		For Welded Frames, Add		211.05	
		For Galvanized Frames, Add		97.80	
		For Type 304 Stainless Steel Frame, Add		1,475.92	
		For Type 316 Stainless Steel Frame, Add		1,720.41	
		For Baked Enamel Finish, Add		271.35	
		For 18 Gauge Frame, Deduct		-81.50	
		For 14 Gauge Frame, Add		203.75	
		For 12 Gauge Frame, Add		309.69	
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	.....	1,017.90	94.94
		For Auxiliary Frame Reinforcement For Hinges, Add		124.20	
		For Welded Frames, Add		211.05	
		For Galvanized Frames, Add		99.36	
		For Type 304 Stainless Steel Frame, Add		1,499.93	
		For Type 316 Stainless Steel Frame, Add		1,748.34	
		For Baked Enamel Finish, Add		276.89	
		For 18 Gauge Frame, Deduct		-82.80	
		For 14 Gauge Frame, Add		207.01	
		For 12 Gauge Frame, Add		314.65	
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	.....	1,034.17	103.08
		For Auxiliary Frame Reinforcement For Hinges, Add		124.20	
		For Welded Frames, Add		211.05	
		For Galvanized Frames, Add		99.36	
		For Type 304 Stainless Steel Frame, Add		1,500.74	
		For Type 316 Stainless Steel Frame, Add		1,749.15	
		For Baked Enamel Finish, Add		279.33	
		For 18 Gauge Frame, Deduct		-82.80	
		For 14 Gauge Frame, Add		207.01	
		For 12 Gauge Frame, Add		314.65	
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	.....	1,052.64	105.79
		For Auxiliary Frame Reinforcement For Hinges, Add		126.16	
		For Welded Frames, Add		211.05	
		For Galvanized Frames, Add		100.93	
		For Type 304 Stainless Steel Frame, Add		1,524.49	
		For Type 316 Stainless Steel Frame, Add		1,776.81	
		For Baked Enamel Finish, Add		284.06	
		For 18 Gauge Frame, Deduct		-84.11	
		For 14 Gauge Frame, Add		210.27	
		For 12 Gauge Frame, Add		319.60	
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	.....	1,071.11	108.50
		For Auxiliary Frame Reinforcement For Hinges, Add		128.12	
		For Welded Frames, Add		211.05	
		For Galvanized Frames, Add		102.49	
		For Type 304 Stainless Steel Frame, Add		1,548.23	
		For Type 316 Stainless Steel Frame, Add		1,804.46	
		For Baked Enamel Finish, Add		288.78	
		For 18 Gauge Frame, Deduct		-85.41	
		For 14 Gauge Frame, Add		213.53	
		For 12 Gauge Frame, Add		324.56	
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	.....	1,140.62	113.93
		For Auxiliary Frame Reinforcement For Hinges, Add		136.92	
		For Welded Frames, Add		211.05	
		For Galvanized Frames, Add		109.53	
		For Type 304 Stainless Steel Frame, Add		1,654.38	
		For Type 316 Stainless Steel Frame, Add		1,928.21	
		For Baked Enamel Finish, Add		308.01	
		For 18 Gauge Frame, Deduct		-91.28	
		For 14 Gauge Frame, Add		228.19	
		For 12 Gauge Frame, Add		346.85	
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	.....	1,151.47	119.36
		For Auxiliary Frame Reinforcement For Hinges, Add		136.92	
		For Welded Frames, Add		211.05	
		For Galvanized Frames, Add		109.53	
		For Type 304 Stainless Steel Frame, Add		1,654.92	
		For Type 316 Stainless Steel Frame, Add		1,928.75	
		For Baked Enamel Finish, Add		309.64	
		For 18 Gauge Frame, Deduct		-91.28	
		For 14 Gauge Frame, Add		228.19	
		For 12 Gauge Frame, Add		346.85	
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	.....	1,194.93	124.77
		For Auxiliary Frame Reinforcement For Hinges, Add		141.81	
		For Welded Frames, Add		211.05	
		For Galvanized Frames, Add		113.44	
		For Type 304 Stainless Steel Frame, Add		1,714.14	
		For Type 316 Stainless Steel Frame, Add		1,997.76	
		For Baked Enamel Finish, Add		321.05	
		For 18 Gauge Frame, Deduct		-94.54	
		For 14 Gauge Frame, Add		236.34	
		For 12 Gauge Frame, Add		359.24	



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 13-0111	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 For Auxiliary Frame Reinforcement For Hinges, Add For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add	1,238.38 146.70 211.05 117.36 1,773.37 2,066.76 332.45 -97.80 244.49 371.63	130.20
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 For Auxiliary Frame Reinforcement For Hinges, Add For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add	1,249.22 146.70 211.05 117.36 1,773.91 2,067.30 334.08 -97.80 244.49 371.63	135.63
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 For Auxiliary Frame Reinforcement For Hinges, Add For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add	1,270.95 149.14 211.05 119.31 1,803.52 2,101.80 339.78 -99.43 248.57 377.82	138.34
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 For Auxiliary Frame Reinforcement For Hinges, Add For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add	1,292.68 151.59 211.05 121.27 1,833.13 2,136.30 345.49 -101.06 252.64 384.02	141.05
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 For Auxiliary Frame Reinforcement For Hinges, Add For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add	1,363.29 161.36 211.05 129.09 1,950.74 2,273.47 365.86 -107.58 268.94 408.79	143.77
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 For Auxiliary Frame Reinforcement For Hinges, Add For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add	1,433.93 171.15 211.05 136.92 2,068.39 2,410.69 386.24 -114.10 285.24 433.57	146.48
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 For Auxiliary Frame Reinforcement For Hinges, Add For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add	923.39 114.10 211.05 91.28 1,377.29 1,605.48 252.60 -76.06 190.16 289.04	81.38
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 For Auxiliary Frame Reinforcement For Hinges, Add For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add	1,084.56 135.83 211.05 108.66 1,638.91 1,910.56 298.51 -90.55 226.38 344.10	89.51

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 13-0120	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	1,109.90	94.94
			For Auxiliary Frame Reinforcement For Hinges, Add	138.00	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	110.40	
			For Type 304 Stainless Steel Frame, Add	1,665.53	
			For Type 316 Stainless Steel Frame, Add	1,941.54	
			For Baked Enamel Finish, Add	304.49	
			For 18 Gauge Frame, Deduct	-92.00	
			For 14 Gauge Frame, Add	230.01	
			For 12 Gauge Frame, Add	349.61	
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	1,126.17	103.08
			For Auxiliary Frame Reinforcement For Hinges, Add	138.00	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	110.40	
			For Type 304 Stainless Steel Frame, Add	1,666.34	
			For Type 316 Stainless Steel Frame, Add	1,942.35	
			For Baked Enamel Finish, Add	306.93	
			For 18 Gauge Frame, Deduct	-92.00	
			For 14 Gauge Frame, Add	230.01	
			For 12 Gauge Frame, Add	349.61	
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	1,146.09	105.79
			For Auxiliary Frame Reinforcement For Hinges, Add	140.18	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	112.14	
			For Type 304 Stainless Steel Frame, Add	1,692.70	
			For Type 316 Stainless Steel Frame, Add	1,973.05	
			For Baked Enamel Finish, Add	312.09	
			For 18 Gauge Frame, Deduct	-93.45	
			For 14 Gauge Frame, Add	233.63	
			For 12 Gauge Frame, Add	355.11	
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	1,166.00	108.50
			For Auxiliary Frame Reinforcement For Hinges, Add	142.35	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	113.88	
			For Type 304 Stainless Steel Frame, Add	1,719.03	
			For Type 316 Stainless Steel Frame, Add	2,003.73	
			For Baked Enamel Finish, Add	317.25	
			For 18 Gauge Frame, Deduct	-94.90	
			For 14 Gauge Frame, Add	237.25	
			For 12 Gauge Frame, Add	360.62	
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	1,242.04	113.93
			For Auxiliary Frame Reinforcement For Hinges, Add	152.13	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	121.70	
			For Type 304 Stainless Steel Frame, Add	1,836.93	
			For Type 316 Stainless Steel Frame, Add	2,141.19	
			For Baked Enamel Finish, Add	338.43	
			For 18 Gauge Frame, Deduct	-101.42	
			For 14 Gauge Frame, Add	253.55	
			For 12 Gauge Frame, Add	385.39	
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	1,252.89	119.36
			For Auxiliary Frame Reinforcement For Hinges, Add	152.13	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	121.70	
			For Type 304 Stainless Steel Frame, Add	1,837.48	
			For Type 316 Stainless Steel Frame, Add	2,141.73	
			For Baked Enamel Finish, Add	340.06	
			For 18 Gauge Frame, Deduct	-101.42	
			For 14 Gauge Frame, Add	253.55	
			For 12 Gauge Frame, Add	385.39	
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	1,299.97	124.77
			For Auxiliary Frame Reinforcement For Hinges, Add	157.56	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	126.05	
			For Type 304 Stainless Steel Frame, Add	1,903.22	
			For Type 316 Stainless Steel Frame, Add	2,218.34	
			For Baked Enamel Finish, Add	352.56	
			For 18 Gauge Frame, Deduct	-105.04	
			For 14 Gauge Frame, Add	262.60	
			For 12 Gauge Frame, Add	399.16	
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	1,347.05	130.20
			For Auxiliary Frame Reinforcement For Hinges, Add	163.00	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	130.40	
			For Type 304 Stainless Steel Frame, Add	1,968.97	
			For Type 316 Stainless Steel Frame, Add	2,294.96	
			For Baked Enamel Finish, Add	365.05	
			For 18 Gauge Frame, Deduct	-108.66	
			For 14 Gauge Frame, Add	271.66	
			For 12 Gauge Frame, Add	412.92	



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 13-0128	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 For Auxiliary Frame Reinforcement For Hinges, Add For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add	1,357.89 163.00 211.05 130.40 1,969.51 2,295.51 366.68 -108.66 271.66 412.92	135.63
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 For Auxiliary Frame Reinforcement For Hinges, Add For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add	1,381.43 165.71 211.05 132.67 2,002.38 2,333.81 372.93 -110.48 276.19 419.81	138.34
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 For Auxiliary Frame Reinforcement For Hinges, Add For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add	1,404.97 168.43 211.05 134.74 2,035.25 2,372.11 379.17 -112.29 280.72 426.69	141.05
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 For Auxiliary Frame Reinforcement For Hinges, Add For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add	1,482.81 179.29 211.05 143.43 2,165.88 2,524.46 401.71 -119.53 298.82 454.21	143.77
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 For Auxiliary Frame Reinforcement For Hinges, Add For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add	1,560.70 190.16 211.05 152.13 2,296.58 2,676.90 424.27 -126.77 316.94 481.74	146.48
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		
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 For Auxiliary Frame Reinforcement For Hinges, Add For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add	879.17 107.46 211.05 85.97 1,297.69 1,512.62 239.34 -71.64 179.11 272.24	81.38
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 For Auxiliary Frame Reinforcement For Hinges, Add For Welded Frames, Add For Galvanized Frames, Add For Type 304 Stainless Steel Frame, Add For Type 316 Stainless Steel Frame, Add For Baked Enamel Finish, Add For 18 Gauge Frame, Deduct For 14 Gauge Frame, Add For 12 Gauge Frame, Add	1,031.91 127.93 211.05 102.35 1,544.14 1,800.00 282.72 -85.29 213.22 324.09	89.51

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 13-0137	EA	2'-6" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,056.41	94.94
		For Auxiliary Frame Reinforcement For Hinges, Add	129.98	
		For Welded Frames, Add	211.05	
		For Galvanized Frames, Add	103.98	
		For Type 304 Stainless Steel Frame, Add	1,569.25	
		For Type 316 Stainless Steel Frame, Add	1,829.21	
		For Baked Enamel Finish, Add	288.44	
		For 18 Gauge Frame, Deduct	-86.65	
		For 14 Gauge Frame, Add	216.63	
		For 12 Gauge Frame, Add	329.28	
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	1,072.68	103.08
		For Auxiliary Frame Reinforcement For Hinges, Add	129.98	
		For Welded Frames, Add	211.05	
		For Galvanized Frames, Add	103.98	
		For Type 304 Stainless Steel Frame, Add	1,570.06	
		For Type 316 Stainless Steel Frame, Add	1,830.02	
		For Baked Enamel Finish, Add	290.88	
		For 18 Gauge Frame, Deduct	-86.65	
		For 14 Gauge Frame, Add	216.63	
		For 12 Gauge Frame, Add	329.28	
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	1,091.75	105.79
		For Auxiliary Frame Reinforcement For Hinges, Add	132.03	
		For Welded Frames, Add	211.05	
		For Galvanized Frames, Add	105.62	
		For Type 304 Stainless Steel Frame, Add	1,594.89	
		For Type 316 Stainless Steel Frame, Add	1,858.94	
		For Baked Enamel Finish, Add	295.79	
		For 18 Gauge Frame, Deduct	-88.02	
		For 14 Gauge Frame, Add	220.04	
		For 12 Gauge Frame, Add	334.46	
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	1,110.83	108.50
		For Auxiliary Frame Reinforcement For Hinges, Add	134.07	
		For Welded Frames, Add	211.05	
		For Galvanized Frames, Add	107.26	
		For Type 304 Stainless Steel Frame, Add	1,619.73	
		For Type 316 Stainless Steel Frame, Add	1,887.87	
		For Baked Enamel Finish, Add	300.70	
		For 18 Gauge Frame, Deduct	-89.38	
		For 14 Gauge Frame, Add	223.46	
		For 12 Gauge Frame, Add	339.65	
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	1,183.08	113.93
		For Auxiliary Frame Reinforcement For Hinges, Add	143.28	
		For Welded Frames, Add	211.05	
		For Galvanized Frames, Add	114.63	
		For Type 304 Stainless Steel Frame, Add	1,730.81	
		For Type 316 Stainless Steel Frame, Add	2,017.38	
		For Baked Enamel Finish, Add	320.75	
		For 18 Gauge Frame, Deduct	-95.52	
		For 14 Gauge Frame, Add	238.81	
		For 12 Gauge Frame, Add	362.99	
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	1,193.93	119.36
		For Auxiliary Frame Reinforcement For Hinges, Add	143.28	
		For Welded Frames, Add	211.05	
		For Galvanized Frames, Add	114.63	
		For Type 304 Stainless Steel Frame, Add	1,731.35	
		For Type 316 Stainless Steel Frame, Add	2,017.92	
		For Baked Enamel Finish, Add	322.37	
		For 18 Gauge Frame, Deduct	-95.52	
		For 14 Gauge Frame, Add	238.81	
		For 12 Gauge Frame, Add	362.99	
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	1,238.90	124.77
		For Auxiliary Frame Reinforcement For Hinges, Add	148.40	
		For Welded Frames, Add	211.05	
		For Galvanized Frames, Add	118.72	
		For Type 304 Stainless Steel Frame, Add	1,793.29	
		For Type 316 Stainless Steel Frame, Add	2,090.09	
		For Baked Enamel Finish, Add	334.24	
		For 18 Gauge Frame, Deduct	-98.93	
		For 14 Gauge Frame, Add	247.34	
		For 12 Gauge Frame, Add	375.95	
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	1,283.87	130.20
		For Auxiliary Frame Reinforcement For Hinges, Add	153.52	
		For Welded Frames, Add	211.05	
		For Galvanized Frames, Add	122.82	
		For Type 304 Stainless Steel Frame, Add	1,855.25	
		For Type 316 Stainless Steel Frame, Add	2,162.29	
		For Baked Enamel Finish, Add	346.10	
		For 18 Gauge Frame, Deduct	-102.35	
		For 14 Gauge Frame, Add	255.87	
		For 12 Gauge Frame, Add	388.91	



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 13-0145	EA		5'-4" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,294.71	135.63
			For Auxiliary Frame Reinforcement For Hinges, Add	153.52	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	122.82	
			For Type 304 Stainless Steel Frame, Add	1,855.79	
			For Type 316 Stainless Steel Frame, Add	2,162.83	
			For Baked Enamel Finish, Add	347.73	
			For 18 Gauge Frame, Deduct	-102.35	
			For 14 Gauge Frame, Add	255.87	
			For 12 Gauge Frame, Add	388.91	
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	1,317.20	138.34
			For Auxiliary Frame Reinforcement For Hinges, Add	156.08	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	124.86	
			For Type 304 Stainless Steel Frame, Add	1,886.77	
			For Type 316 Stainless Steel Frame, Add	2,198.93	
			For Baked Enamel Finish, Add	353.66	
			For 18 Gauge Frame, Deduct	-104.05	
			For 14 Gauge Frame, Add	260.13	
			For 12 Gauge Frame, Add	395.40	
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	1,339.68	141.05
			For Auxiliary Frame Reinforcement For Hinges, Add	158.64	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	126.91	
			For Type 304 Stainless Steel Frame, Add	1,917.73	
			For Type 316 Stainless Steel Frame, Add	2,235.00	
			For Baked Enamel Finish, Add	359.59	
			For 18 Gauge Frame, Deduct	-105.76	
			For 14 Gauge Frame, Add	264.39	
			For 12 Gauge Frame, Add	401.88	
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	1,413.33	143.77
			For Auxiliary Frame Reinforcement For Hinges, Add	168.87	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	135.10	
			For Type 304 Stainless Steel Frame, Add	2,040.82	
			For Type 316 Stainless Steel Frame, Add	2,378.56	
			For Baked Enamel Finish, Add	380.87	
			For 18 Gauge Frame, Deduct	-112.58	
			For 14 Gauge Frame, Add	281.45	
			For 12 Gauge Frame, Add	427.80	
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	1,487.00	146.48
			For Auxiliary Frame Reinforcement For Hinges, Add	179.11	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	143.28	
			For Type 304 Stainless Steel Frame, Add	2,163.92	
			For Type 316 Stainless Steel Frame, Add	2,522.13	
			For Baked Enamel Finish, Add	402.16	
			For 18 Gauge Frame, Deduct	-119.40	
			For 14 Gauge Frame, Add	298.51	
			For 12 Gauge Frame, Add	453.74	
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	958.77	81.38
			For Auxiliary Frame Reinforcement For Hinges, Add	119.40	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	95.52	
			For Type 304 Stainless Steel Frame, Add	1,440.97	
			For Type 316 Stainless Steel Frame, Add	1,679.78	
			For Baked Enamel Finish, Add	263.22	
			For 18 Gauge Frame, Deduct	-79.60	
			For 14 Gauge Frame, Add	199.01	
			For 12 Gauge Frame, Add	302.49	
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	1,126.68	89.51
			For Auxiliary Frame Reinforcement For Hinges, Add	142.15	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	113.72	
			For Type 304 Stainless Steel Frame, Add	1,714.72	
			For Type 316 Stainless Steel Frame, Add	1,999.02	
			For Baked Enamel Finish, Add	311.15	
			For 18 Gauge Frame, Deduct	-94.77	
			For 14 Gauge Frame, Add	236.91	
			For 12 Gauge Frame, Add	360.11	
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	1,152.69	94.94
			For Auxiliary Frame Reinforcement For Hinges, Add	144.42	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	115.54	
			For Type 304 Stainless Steel Frame, Add	1,742.55	
			For Type 316 Stainless Steel Frame, Add	2,031.40	
			For Baked Enamel Finish, Add	317.33	
			For 18 Gauge Frame, Deduct	-96.28	
			For 14 Gauge Frame, Add	240.70	
			For 12 Gauge Frame, Add	365.87	

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 13-0154	EA		2'-8" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,168.96	103.08
			For Auxiliary Frame Reinforcement For Hinges, Add	144.42	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	115.54	
			For Type 304 Stainless Steel Frame, Add	1,743.37	
			For Type 316 Stainless Steel Frame, Add	2,032.21	
			For Baked Enamel Finish, Add	319.77	
			For 18 Gauge Frame, Deduct	-96.28	
			For 14 Gauge Frame, Add	240.70	
			For 12 Gauge Frame, Add	365.87	
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.....	1,189.55	105.79
			For Auxiliary Frame Reinforcement For Hinges, Add	146.70	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	117.36	
			For Type 304 Stainless Steel Frame, Add	1,770.93	
			For Type 316 Stainless Steel Frame, Add	2,064.32	
			For Baked Enamel Finish, Add	325.13	
			For 18 Gauge Frame, Deduct	-97.80	
			For 14 Gauge Frame, Add	244.49	
			For 12 Gauge Frame, Add	371.63	
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	1,210.14	108.50
			For Auxiliary Frame Reinforcement For Hinges, Add	148.97	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	119.18	
			For Type 304 Stainless Steel Frame, Add	1,798.48	
			For Type 316 Stainless Steel Frame, Add	2,096.42	
			For Baked Enamel Finish, Add	330.49	
			For 18 Gauge Frame, Deduct	-99.31	
			For 14 Gauge Frame, Add	248.28	
			For 12 Gauge Frame, Add	377.39	
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.....	1,289.21	113.93
			For Auxiliary Frame Reinforcement For Hinges, Add	159.20	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	127.36	
			For Type 304 Stainless Steel Frame, Add	1,921.84	
			For Type 316 Stainless Steel Frame, Add	2,240.25	
			For Baked Enamel Finish, Add	352.59	
			For 18 Gauge Frame, Deduct	-106.14	
			For 14 Gauge Frame, Add	265.34	
			For 12 Gauge Frame, Add	403.32	
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.....	1,300.06	119.36
			For Auxiliary Frame Reinforcement For Hinges, Add	159.20	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	127.36	
			For Type 304 Stainless Steel Frame, Add	1,922.38	
			For Type 316 Stainless Steel Frame, Add	2,240.79	
			For Baked Enamel Finish, Add	354.21	
			For 18 Gauge Frame, Deduct	-106.14	
			For 14 Gauge Frame, Add	265.34	
			For 12 Gauge Frame, Add	403.32	
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	1,348.83	124.77
			For Auxiliary Frame Reinforcement For Hinges, Add	164.89	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	131.91	
			For Type 304 Stainless Steel Frame, Add	1,991.16	
			For Type 316 Stainless Steel Frame, Add	2,320.95	
			For Baked Enamel Finish, Add	367.22	
			For 18 Gauge Frame, Deduct	-109.93	
			For 14 Gauge Frame, Add	274.82	
			For 12 Gauge Frame, Add	417.72	
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	1,397.59	130.20
			For Auxiliary Frame Reinforcement For Hinges, Add	170.58	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	136.46	
			For Type 304 Stainless Steel Frame, Add	2,059.94	
			For Type 316 Stainless Steel Frame, Add	2,401.10	
			For Baked Enamel Finish, Add	380.22	
			For 18 Gauge Frame, Deduct	-113.72	
			For 14 Gauge Frame, Add	284.30	
			For 12 Gauge Frame, Add	432.13	
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.....	1,408.43	135.63
			For Auxiliary Frame Reinforcement For Hinges, Add	170.58	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	136.46	
			For Type 304 Stainless Steel Frame, Add	2,060.49	
			For Type 316 Stainless Steel Frame, Add	2,401.64	
			For Baked Enamel Finish, Add	381.84	
			For 18 Gauge Frame, Deduct	-113.72	
			For 14 Gauge Frame, Add	284.30	
			For 12 Gauge Frame, Add	432.13	



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 13-0162	EA		5'-8" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,432.81	138.34
			For Auxiliary Frame Reinforcement For Hinges, Add	173.42	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	138.74	
			For Type 304 Stainless Steel Frame, Add	2,094.87	
			For Type 316 Stainless Steel Frame, Add	2,441.71	
			For Baked Enamel Finish, Add	388.34	
			For 18 Gauge Frame, Deduct	-115.61	
			For 14 Gauge Frame, Add	289.03	
			For 12 Gauge Frame, Add	439.33	
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.....	1,457.19	141.05
			For Auxiliary Frame Reinforcement For Hinges, Add	176.26	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	141.01	
			For Type 304 Stainless Steel Frame, Add	2,129.25	
			For Type 316 Stainless Steel Frame, Add	2,481.77	
			For Baked Enamel Finish, Add	394.84	
			For 18 Gauge Frame, Deduct	-117.51	
			For 14 Gauge Frame, Add	293.77	
			For 12 Gauge Frame, Add	446.53	
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.....	1,538.41	143.77
			For Auxiliary Frame Reinforcement For Hinges, Add	187.63	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	150.11	
			For Type 304 Stainless Steel Frame, Add	2,265.96	
			For Type 316 Stainless Steel Frame, Add	2,641.22	
			For Baked Enamel Finish, Add	418.39	
			For 18 Gauge Frame, Deduct	-125.09	
			For 14 Gauge Frame, Add	312.72	
			For 12 Gauge Frame, Add	475.33	
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.....	1,619.66	146.48
			For Auxiliary Frame Reinforcement For Hinges, Add	199.01	
			For Welded Frames, Add	211.05	
			For Galvanized Frames, Add	159.20	
			For Type 304 Stainless Steel Frame, Add	2,402.71	
			For Type 316 Stainless Steel Frame, Add	2,800.72	
			For Baked Enamel Finish, Add	441.95	
			For 18 Gauge Frame, Deduct	-132.67	
			For 14 Gauge Frame, Add	331.68	
			For 12 Gauge Frame, Add	504.15	
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.....	94.82	15.19
			For Movable Frame, Add	18.96	
			For 18 Gauge Frame, Deduct	-6.44	
			For 14 Gauge Frame, Add	16.11	
			For 12 Gauge Frame, Add	24.48	
08 12 13 13-0169	SF		5-3/4" Deep, 16 Gauge Frame, Fixed Steel Transom.....	99.06	15.73
			For Movable Frame, Add	19.81	
			For 18 Gauge Frame, Deduct	-6.76	
			For 14 Gauge Frame, Add	16.90	
			For 12 Gauge Frame, Add	25.69	
08 12 13 13-0170	SF		6-3/4" Deep, 16 Gauge Frame, Fixed Steel Transom.....	103.55	16.28
			For Movable Frame, Add	20.71	
			For 18 Gauge Frame, Deduct	-7.10	
			For 14 Gauge Frame, Add	17.75	
			For 12 Gauge Frame, Add	26.98	
08 12 13 13-0171			Operable Steel Transom Sash (08 12 13 13-0166)		
			Note: Includes hardware.		
08 12 13 13-0172	SF		4-3/4" Deep, 16 Gauge Frame, Operable Steel Transom Sash.....	138.34	15.19
			For 18 Gauge Frame, Deduct	-10.80	
			For 14 Gauge Frame, Add	26.99	
			For 12 Gauge Frame, Add	41.02	
08 12 13 13-0173	SF		5-3/4" Deep, 16 Gauge Frame, Operable Steel Transom Sash.....	144.82	15.73
			For 18 Gauge Frame, Deduct	-11.34	
			For 14 Gauge Frame, Add	28.34	
			For 12 Gauge Frame, Add	43.08	
08 12 13 13-0174	SF		6-3/4" Deep, 16 Gauge Frame, Operable Steel Transom Sash.....	151.57	16.28
			For 18 Gauge Frame, Deduct	-11.90	
			For 14 Gauge Frame, Add	29.76	
			For 12 Gauge Frame, Add	45.23	
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.....	99.62	15.19
			For 18 Gauge Frame, Deduct	-6.92	
			For 14 Gauge Frame, Add	17.31	
			For 12 Gauge Frame, Add	26.31	

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 13-0177	SF		5-3/4" Deep Sidelights, 16 Gauge Frame	104.16	15.73
			For 18 Gauge Frame, Deduct	-7.27	
			For 14 Gauge Frame, Add	18.18	
			For 12 Gauge Frame, Add	27.63	
08 12 13 13-0178	SF		6-3/4" Deep Sidelights, 16 Gauge Frame	108.86	16.28
			For 18 Gauge Frame, Deduct	-7.63	
			For 14 Gauge Frame, Add	19.08	
			For 12 Gauge Frame, Add	29.00	
08 12 13 13-0179			Sundry Hollow Metal Frame Sections (08 12 13 13)		
			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	37.54	6.07
			For 18 Gauge Frame, Deduct	-2.23	
			For 14 Gauge Frame, Add	5.57	
			For 12 Gauge Frame, Add	8.46	
			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 13-0182	LF		4-3/4" x 2", 16 Gauge, Hollow Metal Frame Vertical Mullion	38.44	6.07
			For 18 Gauge Frame, Deduct	-2.32	
			For 14 Gauge Frame, Add	5.79	
			For 12 Gauge Frame, Add	8.80	
			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 13-0183	LF		5-1/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Vertical Mullion	37.98	6.29
			For 18 Gauge Frame, Deduct	-2.23	
			For 14 Gauge Frame, Add	5.57	
			For 12 Gauge Frame, Add	8.46	
			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 13-0184	LF		5-1/4" x 2", 16 Gauge, Hollow Metal Frame Vertical Mullion	39.37	6.29
			For 18 Gauge Frame, Deduct	-2.37	
			For 14 Gauge Frame, Add	5.91	
			For 12 Gauge Frame, Add	8.99	
			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 13-0185	LF		6-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Vertical Mullion	39.44	6.41
			For 18 Gauge Frame, Deduct	-2.34	
			For 14 Gauge Frame, Add	5.84	
			For 12 Gauge Frame, Add	8.88	
			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 13-0186	LF		6-3/4" x 2", 16 Gauge, Hollow Metal Frame Vertical Mullion	39.98	6.41
			For 18 Gauge Frame, Deduct	-2.39	
			For 14 Gauge Frame, Add	5.98	
			For 12 Gauge Frame, Add	9.09	
			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 13-0187			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	26.41	6.07
			For 18 Gauge Frame, Deduct	-1.11	
			For 14 Gauge Frame, Add	2.78	
			For 12 Gauge Frame, Add	4.23	
			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 13-0189	LF		4-3/4" x 2", 16 Gauge, Hollow Metal Frame Horizontal Rail	27.55	6.07
			For 18 Gauge Frame, Deduct	-1.23	
			For 14 Gauge Frame, Add	3.07	
			For 12 Gauge Frame, Add	4.66	
			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	26.85	6.29
			For 18 Gauge Frame, Deduct	-1.11	
			For 14 Gauge Frame, Add	2.78	
			For 12 Gauge Frame, Add	4.23	
			For 3 Hour Frame, Add	8.00	
			For 1-1/2 Hour Frame, Add	5.00	
			For 3/4 Hour Frame, Add	4.00	



		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 13-0191	LF		5-1/4" x 2", 16 Gauge, Hollow Metal Frame Horizontal Rail.....	27.99	6.29
			For 18 Gauge Frame, Deduct	-1.23	
			For 14 Gauge Frame, Add	3.07	
			For 12 Gauge Frame, Add	4.66	
			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	27.76	6.41
			For 18 Gauge Frame, Deduct	-1.17	
			For 14 Gauge Frame, Add	2.92	
			For 12 Gauge Frame, Add	4.44	
			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.....	28.75	6.41
			For 18 Gauge Frame, Deduct	-1.27	
			For 14 Gauge Frame, Add	3.17	
			For 12 Gauge Frame, Add	4.82	
			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	989.77	42.53
			For 18 Gauge Frame, Deduct	-88.34	
			For 14 Gauge Frame, Add	220.86	
			For 12 Gauge Frame, Add	335.71	
08 12 13 13-0196	EA		4-3/4" x 2" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion	1,025.00	42.53
			For 18 Gauge Frame, Deduct	-91.87	
			For 14 Gauge Frame, Add	229.67	
			For 12 Gauge Frame, Add	349.09	
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	1,135.23	44.49
			For 18 Gauge Frame, Deduct	-102.56	
			For 14 Gauge Frame, Add	256.41	
			For 12 Gauge Frame, Add	389.74	
			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	1,166.69	44.49
			For 18 Gauge Frame, Deduct	-105.71	
			For 14 Gauge Frame, Add	264.28	
			For 12 Gauge Frame, Add	401.70	
			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	1,319.53	45.57
			For 18 Gauge Frame, Deduct	-120.56	
			For 14 Gauge Frame, Add	301.40	
			For 12 Gauge Frame, Add	458.13	
			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	1,340.93	45.57
			For 18 Gauge Frame, Deduct	-122.70	
			For 14 Gauge Frame, Add	306.75	
			For 12 Gauge Frame, Add	466.26	
			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	39.95	
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)		
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.....	2,868.89	59.67
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.....	2,868.89	59.67
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.....	2,868.89	59.67
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	2,868.89	59.67

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	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	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 and 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.....	632.57		59.67
	For Galvanized Steel Door, Add	102.64		
	For Type 304 Stainless Steel Door, Add	410.57		
	For Type 316 Stainless Steel Door, Add	667.17		
	For Embossed Panel Door, Add	123.17		
	For Baked Enamel Finish, Add	171.87		
	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	-34.61		
	For >100, Deduct	-50.43		
	For Polystyrene Core, Add	51.32		
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	128.30		
	For Continuously Welded And Filled Vertical Edge Seam, Add	64.15		
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.....	632.57		59.67
	For Galvanized Steel Door, Add	102.64		
	For Type 304 Stainless Steel Door, Add	410.57		
	For Type 316 Stainless Steel Door, Add	667.17		
	For Embossed Panel Door, Add	123.17		
	For Baked Enamel Finish, Add	171.87		
	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	-34.61		
	For >100, Deduct	-50.43		
	For Polystyrene Core, Add	51.32		
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	128.30		
	For Continuously Welded And Filled Vertical Edge Seam, Add	64.15		
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.....	648.48		62.39
	For Galvanized Steel Door, Add	104.74		
	For Type 304 Stainless Steel Door, Add	418.97		
	For Type 316 Stainless Steel Door, Add	680.82		
	For Embossed Panel Door, Add	125.69		
	For Baked Enamel Finish, Add	175.83		
	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	-35.54		
	For >100, Deduct	-51.76		
	For Polystyrene Core, Add	52.37		
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	130.93		
	For Continuously Welded And Filled Vertical Edge Seam, Add	65.46		
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.....	656.29		62.39
	For Galvanized Steel Door, Add	106.30		
	For Type 304 Stainless Steel Door, Add	425.22		
	For Type 316 Stainless Steel Door, Add	690.98		
	For Embossed Panel Door, Add	127.56		
	For Baked Enamel Finish, Add	178.17		
	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	-35.93		
	For >100, Deduct	-52.34		
	For Polystyrene Core, Add	53.15		
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	132.88		
	For Continuously Welded And Filled Vertical Edge Seam, Add	66.44		



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 13-0007	EA		2'-10" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door For Galvanized Steel Door, Add For Type 304 Stainless Steel Door, Add For Type 316 Stainless Steel Door, Add For Embossed Panel Door, Add For Baked Enamel Finish, Add For 20 Minute Fire Rated Door, Add For 45 Minute Fire Rated Door, Add For 60 Minute Fire Rated Door, Add For 90 Minute Fire Rated Door, Add For 3 Hour Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct For Polystyrene Core, Add For Mineral Core, 250 Degree Maximum Temperature Rise, Add For Continuously Welded And Filled Vertical Edge Seam, Add	662.14 106.93 427.72 695.05 128.32 179.52 27.63 41.40 55.27 93.38 131.50 -36.29 -52.85 53.47 133.65 66.93	63.74
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 For Galvanized Steel Door, Add For Type 304 Stainless Steel Door, Add For Type 316 Stainless Steel Door, Add For Embossed Panel Door, Add For Baked Enamel Finish, Add For 20 Minute Fire Rated Door, Add For 45 Minute Fire Rated Door, Add For 60 Minute Fire Rated Door, Add For 90 Minute Fire Rated Door, Add For 3 Hour Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct For Polystyrene Core, Add For Mineral Core, 250 Degree Maximum Temperature Rise, Add For Continuously Welded And Filled Vertical Edge Seam, Add	667.98 107.56 430.22 699.11 129.07 180.86 27.63 41.40 55.27 93.38 131.50 -36.65 -53.35 53.78 134.45 67.22	65.10
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 For Galvanized Steel Door, Add For Type 304 Stainless Steel Door, Add For Type 316 Stainless Steel Door, Add For Embossed Panel Door, Add For Baked Enamel Finish, Add For 20 Minute Fire Rated Door, Add For 45 Minute Fire Rated Door, Add For 60 Minute Fire Rated Door, Add For 90 Minute Fire Rated Door, Add For 3 Hour Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct For Polystyrene Core, Add For Mineral Core, 250 Degree Maximum Temperature Rise, Add For Continuously Welded And Filled Vertical Edge Seam, Add	708.62 115.68 462.74 751.95 138.82 193.06 27.63 41.40 55.27 93.38 131.50 -38.69 -56.40 57.84 144.61 72.30	65.10
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 For Galvanized Steel Door, Add For Type 304 Stainless Steel Door, Add For Type 316 Stainless Steel Door, Add For Embossed Panel Door, Add For Baked Enamel Finish, Add For 20 Minute Fire Rated Door, Add For 45 Minute Fire Rated Door, Add For 60 Minute Fire Rated Door, Add For 90 Minute Fire Rated Door, Add For 3 Hour Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct For Polystyrene Core, Add For Mineral Core, 250 Degree Maximum Temperature Rise, Add For Continuously Welded And Filled Vertical Edge Seam, Add	729.68 118.81 475.24 772.27 142.57 198.56 27.63 41.40 55.27 93.38 131.50 -39.87 -58.12 59.41 148.51 74.26	67.81
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 For Galvanized Steel Door, Add For Type 304 Stainless Steel Door, Add For Type 316 Stainless Steel Door, Add For Embossed Panel Door, Add For Baked Enamel Finish, Add For 20 Minute Fire Rated Door, Add For 45 Minute Fire Rated Door, Add For 60 Minute Fire Rated Door, Add For 90 Minute Fire Rated Door, Add For 3 Hour Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct For Polystyrene Core, Add For Mineral Core, 250 Degree Maximum Temperature Rise, Add For Continuously Welded And Filled Vertical Edge Seam, Add	803.07 131.32 525.27 853.57 157.58 218.95 27.63 41.40 55.27 93.38 131.50 -43.82 -63.89 65.66 164.15 82.07	73.24
08 13 13 13-0012			7' High, 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Doors (08 13 13 13-0001)		

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	13-0013	EA	2' x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	646.02	59.67
			For Galvanized Steel Door, Add	105.33	
			For Type 304 Stainless Steel Door, Add	421.33	
			For Type 316 Stainless Steel Door, Add	684.66	
			For Embossed Panel Door, Add	126.40	
			For Baked Enamel Finish, Add	175.90	
			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	-35.29	
			For >100, Deduct	-51.44	
			For Polystyrene Core, Add	52.67	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	131.67	
			For Continuously Welded And Filled Vertical Edge Seam, Add	65.83	
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	646.02	59.67
			For Galvanized Steel Door, Add	105.33	
			For Type 304 Stainless Steel Door, Add	421.33	
			For Type 316 Stainless Steel Door, Add	684.66	
			For Embossed Panel Door, Add	126.40	
			For Baked Enamel Finish, Add	175.90	
			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	-35.29	
			For >100, Deduct	-51.44	
			For Polystyrene Core, Add	52.67	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	131.67	
			For Continuously Welded And Filled Vertical Edge Seam, Add	65.83	
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	662.20	62.39
			For Galvanized Steel Door, Add	107.49	
			For Type 304 Stainless Steel Door, Add	429.94	
			For Type 316 Stainless Steel Door, Add	698.66	
			For Embossed Panel Door, Add	128.98	
			For Baked Enamel Finish, Add	179.94	
			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	-36.23	
			For >100, Deduct	-52.78	
			For Polystyrene Core, Add	53.74	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	134.36	
			For Continuously Welded And Filled Vertical Edge Seam, Add	67.18	
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	670.22	62.39
			For Galvanized Steel Door, Add	109.09	
			For Type 304 Stainless Steel Door, Add	436.36	
			For Type 316 Stainless Steel Door, Add	709.09	
			For Embossed Panel Door, Add	130.91	
			For Baked Enamel Finish, Add	182.35	
			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	-36.63	
			For >100, Deduct	-53.39	
			For Polystyrene Core, Add	54.55	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	136.36	
			For Continuously Welded And Filled Vertical Edge Seam, Add	68.18	
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	676.15	63.74
			For Galvanized Steel Door, Add	109.73	
			For Type 304 Stainless Steel Door, Add	438.93	
			For Type 316 Stainless Steel Door, Add	713.26	
			For Embossed Panel Door, Add	131.68	
			For Baked Enamel Finish, Add	183.72	
			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	-36.99	
			For >100, Deduct	-53.90	
			For Polystyrene Core, Add	54.87	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	137.17	
			For Continuously Welded And Filled Vertical Edge Seam, Add	68.58	



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 13-0018	EA	3' x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	682.06	65.10
		For Galvanized Steel Door, Add	110.37	
		For Type 304 Stainless Steel Door, Add	441.49	
		For Type 316 Stainless Steel Door, Add	717.42	
		For Embossed Panel Door, Add	132.45	
		For Baked Enamel Finish, Add	185.09	
		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	-37.36	
		For >100, Deduct	54.41	
		For Polystyrene Core, Add	55.19	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	137.97	
		For Continuously Welded And Filled Vertical Edge Seam, Add	68.98	
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	723.78	65.10
		For Galvanized Steel Door, Add	118.72	
		For Type 304 Stainless Steel Door, Add	474.86	
		For Type 316 Stainless Steel Door, Add	771.65	
		For Embossed Panel Door, Add	142.46	
		For Baked Enamel Finish, Add	197.60	
		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	-39.44	
		For >100, Deduct	-57.54	
		For Polystyrene Core, Add	59.36	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	148.40	
		For Continuously Welded And Filled Vertical Edge Seam, Add	74.20	
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	745.25	67.81
		For Galvanized Steel Door, Add	121.92	
		For Type 304 Stainless Steel Door, Add	487.70	
		For Type 316 Stainless Steel Door, Add	792.51	
		For Embossed Panel Door, Add	146.31	
		For Baked Enamel Finish, Add	203.23	
		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	-40.65	
		For >100, Deduct	-59.28	
		For Polystyrene Core, Add	60.96	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	152.41	
		For Continuously Welded And Filled Vertical Edge Seam, Add	76.20	
08 13 13 13-0021	EA	4' x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	820.27	73.24
		For Galvanized Steel Door, Add	134.76	
		For Type 304 Stainless Steel Door, Add	539.03	
		For Type 316 Stainless Steel Door, Add	875.93	
		For Embossed Panel Door, Add	161.71	
		For Baked Enamel Finish, Add	224.11	
		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	-44.68	
		For >100, Deduct	-65.18	
		For Polystyrene Core, Add	67.38	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	168.45	
		For Continuously Welded And Filled Vertical Edge Seam, Add	84.22	
08 13 13 13-0022		7'-2" High, 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Doors (08 13 13 13-0001)		
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	659.08	59.67
		For Galvanized Steel Door, Add	107.94	
		For Type 304 Stainless Steel Door, Add	431.78	
		For Type 316 Stainless Steel Door, Add	701.64	
		For Embossed Panel Door, Add	129.53	
		For Baked Enamel Finish, Add	179.82	
		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	-35.94	
		For >100, Deduct	-52.42	
		For Polystyrene Core, Add	53.97	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	134.93	
		For Continuously Welded And Filled Vertical Edge Seam, Add	67.47	

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 13-0024	EA 2'-4" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	659.08	59.67
	For Galvanized Steel Door, Add	107.94	
	For Type 304 Stainless Steel Door, Add	431.78	
	For Type 316 Stainless Steel Door, Add	701.64	
	For Embossed Panel Door, Add	129.53	
	For Baked Enamel Finish, Add	179.82	
	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	-35.94	
	For >100, Deduct	-52.42	
	For Polystyrene Core, Add	53.97	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	134.93	
	For Continuously Welded And Filled Vertical Edge Seam, Add	67.47	
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.....	675.53	62.39
	For Galvanized Steel Door, Add	110.15	
	For Type 304 Stainless Steel Door, Add	440.61	
	For Type 316 Stainless Steel Door, Add	715.99	
	For Embossed Panel Door, Add	132.18	
	For Baked Enamel Finish, Add	183.94	
	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	-36.90	
	For >100, Deduct	-53.78	
	For Polystyrene Core, Add	55.08	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	137.69	
	For Continuously Welded And Filled Vertical Edge Seam, Add	68.85	
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.....	683.75	62.39
	For Galvanized Steel Door, Add	111.80	
	For Type 304 Stainless Steel Door, Add	447.18	
	For Type 316 Stainless Steel Door, Add	726.67	
	For Embossed Panel Door, Add	134.16	
	For Baked Enamel Finish, Add	186.41	
	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	-37.31	
	For >100, Deduct	-54.40	
	For Polystyrene Core, Add	55.90	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	139.75	
	For Continuously Welded And Filled Vertical Edge Seam, Add	69.87	
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.....	689.75	63.74
	For Galvanized Steel Door, Add	112.45	
	For Type 304 Stainless Steel Door, Add	449.81	
	For Type 316 Stainless Steel Door, Add	730.94	
	For Embossed Panel Door, Add	134.94	
	For Baked Enamel Finish, Add	187.80	
	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	-37.67	
	For >100, Deduct	-54.92	
	For Polystyrene Core, Add	56.23	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	140.57	
	For Continuously Welded And Filled Vertical Edge Seam, Add	70.28	
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.....	695.75	65.10
	For Galvanized Steel Door, Add	113.11	
	For Type 304 Stainless Steel Door, Add	452.44	
	For Type 316 Stainless Steel Door, Add	735.22	
	For Embossed Panel Door, Add	135.73	
	For Baked Enamel Finish, Add	189.20	
	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	-38.04	
	For >100, Deduct	-55.44	
	For Polystyrene Core, Add	56.56	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	141.39	
	For Continuously Welded And Filled Vertical Edge Seam, Add	70.69	



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 13-0029	EA	3'-4" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	738.50	65.10
		For Galvanized Steel Door, Add	121.66	
		For Type 304 Stainless Steel Door, Add	486.64	
		For Type 316 Stainless Steel Door, Add	790.79	
		For Embossed Panel Door, Add	145.99	
		For Baked Enamel Finish, Add	202.02	
		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	-40.18	
		For >100, Deduct	-58.64	
		For Polystyrene Core, Add	60.83	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	152.08	
		For Continuously Welded And Filled Vertical Edge Seam, Add	76.04	
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	760.37	67.81
		For Galvanized Steel Door, Add	124.95	
		For Type 304 Stainless Steel Door, Add	499.79	
		For Type 316 Stainless Steel Door, Add	812.16	
		For Embossed Panel Door, Add	149.94	
		For Baked Enamel Finish, Add	207.77	
		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	-41.41	
		For >100, Deduct	-60.42	
		For Polystyrene Core, Add	62.47	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	156.19	
		For Continuously Welded And Filled Vertical Edge Seam, Add	78.09	
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	836.98	73.24
		For Galvanized Steel Door, Add	138.10	
		For Type 304 Stainless Steel Door, Add	552.40	
		For Type 316 Stainless Steel Door, Add	897.65	
		For Embossed Panel Door, Add	165.72	
		For Baked Enamel Finish, Add	229.12	
		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	-45.51	
		For >100, Deduct	-66.44	
		For Polystyrene Core, Add	69.05	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	172.63	
		For Continuously Welded And Filled Vertical Edge Seam, Add	86.31	
08 13 13 13-0032		18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Doors (08 13 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)		
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	674.09	59.67
		For Galvanized Steel Door, Add	110.95	
		For Type 304 Stainless Steel Door, Add	443.78	
		For Type 316 Stainless Steel Door, Add	721.15	
		For Embossed Panel Door, Add	133.14	
		For Baked Enamel Finish, Add	184.32	
		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	-36.69	
		For >100, Deduct	-53.54	
		For 2" Thick Door, Add	43.20	
		For Polystyrene Core, Add	55.47	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	138.68	
		For Continuously Welded And Filled Vertical Edge Seam, Add	69.34	
		For Steel Stiffened, Add	138.68	

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 13-0035	EA		2'-4" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	674.09	59.67
			For Galvanized Steel Door, Add	110.95	
			For Type 304 Stainless Steel Door, Add	443.78	
			For Type 316 Stainless Steel Door, Add	721.15	
			For Embossed Panel Door, Add	133.14	
			For Baked Enamel Finish, Add	184.32	
			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	-36.69	
			For >100, Deduct	-53.54	
			For 2" Thick Door, Add	43.20	
			For Polystyrene Core, Add	55.47	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	138.68	
			For Continuously Welded And Filled Vertical Edge Seam, Add	69.34	
			For Steel Stiffened, Add	138.68	
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.....	690.84	62.39
			For Galvanized Steel Door, Add	113.21	
			For Type 304 Stainless Steel Door, Add	452.86	
			For Type 316 Stainless Steel Door, Add	735.89	
			For Embossed Panel Door, Add	135.86	
			For Baked Enamel Finish, Add	188.54	
			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	-37.66	
			For >100, Deduct	-54.93	
			For 2" Thick Door, Add	44.16	
			For Polystyrene Core, Add	56.61	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	141.52	
			For Continuously Welded And Filled Vertical Edge Seam, Add	70.76	
			For Steel Stiffened, Add	141.52	
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.....	699.29	62.39
			For Galvanized Steel Door, Add	114.90	
			For Type 304 Stainless Steel Door, Add	459.62	
			For Type 316 Stainless Steel Door, Add	746.88	
			For Embossed Panel Door, Add	137.88	
			For Baked Enamel Finish, Add	191.07	
			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	-38.08	
			For >100, Deduct	-55.57	
			For 2" Thick Door, Add	44.77	
			For Polystyrene Core, Add	57.45	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	143.63	
			For Continuously Welded And Filled Vertical Edge Seam, Add	71.82	
			For Steel Stiffened, Add	143.63	
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.....	705.38	63.74
			For Galvanized Steel Door, Add	115.58	
			For Type 304 Stainless Steel Door, Add	462.31	
			For Type 316 Stainless Steel Door, Add	751.26	
			For Embossed Panel Door, Add	138.69	
			For Baked Enamel Finish, Add	192.49	
			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	-38.46	
			For >100, Deduct	-56.09	
			For 2" Thick Door, Add	45.08	
			For Polystyrene Core, Add	57.79	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	144.47	
			For Continuously Welded And Filled Vertical Edge Seam, Add	72.24	
			For Steel Stiffened, Add	144.47	



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 13-0039	EA		3' x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	711.48	65.10
			For Galvanized Steel Door, Add	116.26	
			For Type 304 Stainless Steel Door, Add	465.02	
			For Type 316 Stainless Steel Door, Add	755.66	
			For Embossed Panel Door, Add	139.51	
			For Baked Enamel Finish, Add	193.91	
			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	-38.83	
			For >100, Deduct	-56.62	
			For 2" Thick Door, Add	45.40	
			For Polystyrene Core, Add	58.13	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	145.32	
			For Continuously Welded And Filled Vertical Edge Seam, Add	72.66	
			For Steel Stiffened, Add	145.32	
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	755.42	65.10
			For Galvanized Steel Door, Add	125.04	
			For Type 304 Stainless Steel Door, Add	500.18	
			For Type 316 Stainless Steel Door, Add	812.79	
			For Embossed Panel Door, Add	150.05	
			For Baked Enamel Finish, Add	207.10	
			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	-41.03	
			For >100, Deduct	-59.91	
			For 2" Thick Door, Add	48.58	
			For Polystyrene Core, Add	62.52	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	156.31	
			For Continuously Welded And Filled Vertical Edge Seam, Add	78.15	
			For Steel Stiffened, Add	156.31	
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	777.74	67.81
			For Galvanized Steel Door, Add	128.42	
			For Type 304 Stainless Steel Door, Add	513.69	
			For Type 316 Stainless Steel Door, Add	834.74	
			For Embossed Panel Door, Add	154.11	
			For Baked Enamel Finish, Add	212.98	
			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	-42.28	
			For >100, Deduct	-61.72	
			For 2" Thick Door, Add	49.94	
			For Polystyrene Core, Add	64.21	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	160.53	
			For Continuously Welded And Filled Vertical Edge Seam, Add	80.26	
			For Steel Stiffened, Add	160.53	
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	856.18	73.24
			For Galvanized Steel Door, Add	141.94	
			For Type 304 Stainless Steel Door, Add	567.76	
			For Type 316 Stainless Steel Door, Add	922.61	
			For Embossed Panel Door, Add	170.33	
			For Baked Enamel Finish, Add	234.88	
			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	-46.47	
			For >100, Deduct	-67.88	
			For 2" Thick Door, Add	55.12	
			For Polystyrene Core, Add	70.97	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	177.43	
			For Continuously Welded And Filled Vertical Edge Seam, Add	88.71	
			For Steel Stiffened, Add	177.43	
08 13 13 13-0043			7' High, 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Doors (08 13 13 13-0032)		

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	13-0044	EA	2' x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	687.25	59.67
			For Galvanized Steel Door, Add	113.58	
			For Type 304 Stainless Steel Door, Add	454.31	
			For Type 316 Stainless Steel Door, Add	738.26	
			For Embossed Panel Door, Add	136.29	
			For Baked Enamel Finish, Add	188.27	
			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	-37.35	
			For >100, Deduct	-54.53	
			For 2" Thick Door, Add	44.16	
			For Polystyrene Core, Add	56.79	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	141.97	
			For Continuously Welded And Filled Vertical Edge Seam, Add	70.99	
			For Steel Stiffened, Add	141.97	
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.....	687.25	59.67
			For Galvanized Steel Door, Add	113.58	
			For Type 304 Stainless Steel Door, Add	454.31	
			For Type 316 Stainless Steel Door, Add	738.26	
			For Embossed Panel Door, Add	136.29	
			For Baked Enamel Finish, Add	188.27	
			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	-37.35	
			For >100, Deduct	-54.53	
			For 2" Thick Door, Add	44.16	
			For Polystyrene Core, Add	56.79	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	141.97	
			For Continuously Welded And Filled Vertical Edge Seam, Add	70.99	
			For Steel Stiffened, Add	141.97	
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.....	704.28	62.39
			For Galvanized Steel Door, Add	115.90	
			For Type 304 Stainless Steel Door, Add	463.61	
			For Type 316 Stainless Steel Door, Add	753.36	
			For Embossed Panel Door, Add	139.08	
			For Baked Enamel Finish, Add	192.57	
			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	-38.33	
			For >100, Deduct	-55.94	
			For 2" Thick Door, Add	45.13	
			For Polystyrene Core, Add	57.95	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	144.88	
			For Continuously Welded And Filled Vertical Edge Seam, Add	72.44	
			For Steel Stiffened, Add	144.88	
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.....	712.93	62.39
			For Galvanized Steel Door, Add	117.63	
			For Type 304 Stainless Steel Door, Add	470.53	
			For Type 316 Stainless Steel Door, Add	764.61	
			For Embossed Panel Door, Add	141.16	
			For Baked Enamel Finish, Add	195.16	
			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	-38.77	
			For >100, Deduct	-56.59	
			For 2" Thick Door, Add	45.76	
			For Polystyrene Core, Add	58.82	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	147.04	
			For Continuously Welded And Filled Vertical Edge Seam, Add	73.52	
			For Steel Stiffened, Add	147.04	



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 13-0048	EA	2'-10" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	719.11	63.74
		For Galvanized Steel Door, Add	118.32	
		For Type 304 Stainless Steel Door, Add	473.30	
		For Type 316 Stainless Steel Door, Add	769.11	
		For Embossed Panel Door, Add	141.99	
		For Baked Enamel Finish, Add	196.61	
		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	-39.14	
		For >100, Deduct	-57.12	
		For 2" Thick Door, Add	46.08	
		For Polystyrene Core, Add	59.16	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	147.91	
		For Continuously Welded And Filled Vertical Edge Seam, Add	73.95	
		For Steel Stiffened, Add	147.91	
08 13 13 13-0049	EA	3' x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	725.27	65.10
		For Galvanized Steel Door, Add	119.01	
		For Type 304 Stainless Steel Door, Add	476.06	
		For Type 316 Stainless Steel Door, Add	773.59	
		For Embossed Panel Door, Add	142.82	
		For Baked Enamel Finish, Add	198.05	
		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	-39.52	
		For >100, Deduct	-57.65	
		For 2" Thick Door, Add	46.40	
		For Polystyrene Core, Add	59.51	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	148.77	
		For Continuously Welded And Filled Vertical Edge Seam, Add	74.38	
		For Steel Stiffened, Add	148.77	
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	770.25	65.10
		For Galvanized Steel Door, Add	128.01	
		For Type 304 Stainless Steel Door, Add	512.04	
		For Type 316 Stainless Steel Door, Add	832.07	
		For Embossed Panel Door, Add	153.61	
		For Baked Enamel Finish, Add	211.55	
		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	-41.77	
		For >100, Deduct	-61.02	
		For 2" Thick Door, Add	49.66	
		For Polystyrene Core, Add	64.01	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	160.01	
		For Continuously Welded And Filled Vertical Edge Seam, Add	80.01	
		For Steel Stiffened, Add	160.01	
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	792.98	67.81
		For Galvanized Steel Door, Add	131.47	
		For Type 304 Stainless Steel Door, Add	525.88	
		For Type 316 Stainless Steel Door, Add	854.56	
		For Embossed Panel Door, Add	157.76	
		For Baked Enamel Finish, Add	217.55	
		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	-43.04	
		For >100, Deduct	-62.86	
		For 2" Thick Door, Add	51.05	
		For Polystyrene Core, Add	65.74	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	164.34	
		For Continuously Welded And Filled Vertical Edge Seam, Add	82.17	
		For Steel Stiffened, Add	164.34	

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 13-0052	EA		4' x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	873.03	73.24
			For Galvanized Steel Door, Add	145.31	
			For Type 304 Stainless Steel Door, Add	581.24	
			For Type 316 Stainless Steel Door, Add	944.52	
			For Embossed Panel Door, Add	174.37	
			For Baked Enamel Finish, Add	239.94	
			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	-47.31	
			For >100, Deduct	-69.14	
			For 2" Thick Door, Add	56.34	
			For Polystyrene Core, Add	72.66	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	181.64	
			For Continuously Welded And Filled Vertical Edge Seam, Add	90.82	
			For Steel Stiffened, Add	181.64	
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.....	700.42	59.67
			For Galvanized Steel Door, Add	116.21	
			For Type 304 Stainless Steel Door, Add	464.85	
			For Type 316 Stainless Steel Door, Add	755.38	
			For Embossed Panel Door, Add	139.45	
			For Baked Enamel Finish, Add	192.22	
			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	-38.01	
			For >100, Deduct	-55.52	
			For 2" Thick Door, Add	45.11	
			For Polystyrene Core, Add	58.11	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	145.27	
			For Continuously Welded And Filled Vertical Edge Seam, Add	72.63	
			For Steel Stiffened, Add	145.27	
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.....	700.42	59.67
			For Galvanized Steel Door, Add	116.21	
			For Type 304 Stainless Steel Door, Add	464.85	
			For Type 316 Stainless Steel Door, Add	755.38	
			For Embossed Panel Door, Add	139.45	
			For Baked Enamel Finish, Add	192.22	
			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	-38.01	
			For >100, Deduct	-55.52	
			For 2" Thick Door, Add	45.11	
			For Polystyrene Core, Add	58.11	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	145.27	
			For Continuously Welded And Filled Vertical Edge Seam, Add	72.63	
			For Steel Stiffened, Add	145.27	
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.....	717.71	62.39
			For Galvanized Steel Door, Add	118.59	
			For Type 304 Stainless Steel Door, Add	474.35	
			For Type 316 Stainless Steel Door, Add	770.82	
			For Embossed Panel Door, Add	142.31	
			For Baked Enamel Finish, Add	196.60	
			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	-39.00	
			For >100, Deduct	-56.95	
			For 2" Thick Door, Add	46.11	
			For Polystyrene Core, Add	59.29	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	148.24	
			For Continuously Welded And Filled Vertical Edge Seam, Add	74.12	
			For Steel Stiffened, Add	148.24	



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 13-0057	EA		2'-8" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	726.56	62.39
			For Galvanized Steel Door, Add	120.36	
			For Type 304 Stainless Steel Door, Add	481.43	
			For Type 316 Stainless Steel Door, Add	782.33	
			For Embossed Panel Door, Add	144.43	
			For Baked Enamel Finish, Add	199.25	
			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	-39.45	
			For >100, Deduct	-57.61	
			For 2" Thick Door, Add	46.75	
			For Polystyrene Core, Add	60.18	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	150.45	
			For Continuously Welded And Filled Vertical Edge Seam, Add	75.22	
			For Steel Stiffened, Add	150.45	
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	739.07	65.10
			For Galvanized Steel Door, Add	121.77	
			For Type 304 Stainless Steel Door, Add	487.10	
			For Type 316 Stainless Steel Door, Add	791.53	
			For Embossed Panel Door, Add	146.13	
			For Baked Enamel Finish, Add	202.19	
			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	-40.21	
			For >100, Deduct	-58.69	
			For 2" Thick Door, Add	47.40	
			For Polystyrene Core, Add	60.89	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	152.22	
			For Continuously Welded And Filled Vertical Edge Seam, Add	76.11	
			For Steel Stiffened, Add	152.22	
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.....	785.09	65.10
			For Galvanized Steel Door, Add	130.98	
			For Type 304 Stainless Steel Door, Add	523.91	
			For Type 316 Stainless Steel Door, Add	851.36	
			For Embossed Panel Door, Add	157.17	
			For Baked Enamel Finish, Add	216.00	
			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	-42.51	
			For >100, Deduct	-62.14	
			For 2" Thick Door, Add	50.73	
			For Polystyrene Core, Add	65.49	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	163.72	
			For Continuously Welded And Filled Vertical Edge Seam, Add	81.86	
			For Steel Stiffened, Add	163.72	
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.....	808.22	67.81
			For Galvanized Steel Door, Add	134.52	
			For Type 304 Stainless Steel Door, Add	538.07	
			For Type 316 Stainless Steel Door, Add	874.37	
			For Embossed Panel Door, Add	161.42	
			For Baked Enamel Finish, Add	222.12	
			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	-43.80	
			For >100, Deduct	-64.01	
			For 2" Thick Door, Add	52.15	
			For Polystyrene Core, Add	67.26	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	168.15	
			For Continuously Welded And Filled Vertical Edge Seam, Add	84.07	
			For Steel Stiffened, Add	168.15	

08 Openings**08 10 Doors and Frames****08 13 Metal Doors**

MINOR				TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION				UNIT COST	UNIT COST
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	889.87	73.24	
		For Galvanized Steel Door, Add	148.68		
		For Type 304 Stainless Steel Door, Add	594.71		
		For Type 316 Stainless Steel Door, Add	966.41		
		For Embossed Panel Door, Add	178.41		
		For Baked Enamel Finish, Add	244.99		
		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	-48.16		
		For >100, Deduct	-70.40		
		For 2" Thick Door, Add	57.56		
		For Polystyrene Core, Add	74.34		
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	185.85		
		For Continuously Welded And Filled Vertical Edge Seam, Add	92.92		
		For Steel Stiffened, Add	185.85		
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	809.02	59.67	
		For Up To 1' Extra Height, Add	190.83		
		For 1' To 1'-6" Extra Height, Add	364.07		
		For Galvanized Steel Door, Add	137.93		
		For Type 304 Stainless Steel Door, Add	551.73		
		For Type 316 Stainless Steel Door, Add	896.56		
		For Embossed Panel Door, Add	165.52		
		For Baked Enamel Finish, Add	224.80		
		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	-43.44		
		For >100, Deduct	-63.66		
		For 2" Thick Door, Add	52.98		
		For Polystyrene Core, Add	68.97		
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	172.42		
		For Continuously Welded And Filled Vertical Edge Seam, Add	86.21		
		For Steel Stiffened, Add	172.42		
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	809.02	59.67	
		For Up To 1' Extra Height, Add	190.83		
		For 1' To 1'-6" Extra Height, Add	364.07		
		For Galvanized Steel Door, Add	137.93		
		For Type 304 Stainless Steel Door, Add	551.73		
		For Type 316 Stainless Steel Door, Add	896.56		
		For Embossed Panel Door, Add	165.52		
		For Baked Enamel Finish, Add	224.80		
		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	-43.44		
		For >100, Deduct	-63.66		
		For 2" Thick Door, Add	52.98		
		For Polystyrene Core, Add	68.97		
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	172.42		
		For Continuously Welded And Filled Vertical Edge Seam, Add	86.21		
		For Steel Stiffened, Add	172.42		
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	828.53	62.39	
		For Up To 1' Extra Height, Add	194.73		
		For 1' To 1'-6" Extra Height, Add	371.51		
		For Galvanized Steel Door, Add	140.75		
		For Type 304 Stainless Steel Door, Add	563.01		
		For Type 316 Stainless Steel Door, Add	914.89		
		For Embossed Panel Door, Add	168.90		
		For Baked Enamel Finish, Add	229.84		
		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	-44.55		
		For >100, Deduct	-65.26		
		For 2" Thick Door, Add	54.14		
		For Polystyrene Core, Add	70.38		
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	175.94		
		For Continuously Welded And Filled Vertical Edge Seam, Add	87.97		
		For Steel Stiffened, Add	175.94		



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 13-0066	EA	2'-8" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	839.04	62.39
		For Up To 1' Extra Height, Add	197.64	
		For 1' To 1'-6" Extra Height, Add	377.06	
		For Galvanized Steel Door, Add	142.85	
		For Type 304 Stainless Steel Door, Add	571.42	
		For Type 316 Stainless Steel Door, Add	928.55	
		For Embossed Panel Door, Add	171.42	
		For Baked Enamel Finish, Add	233.00	
		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	-45.07	
		For >100, Deduct	-66.05	
		For 2" Thick Door, Add	54.90	
		For Polystyrene Core, Add	71.43	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	178.57	
		For Continuously Welded And Filled Vertical Edge Seam, Add	89.28	
		For Steel Stiffened, Add	178.57	
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	845.95	63.74
		For Up To 1' Extra Height, Add	198.80	
		For 1' To 1'-6" Extra Height, Add	379.28	
		For Galvanized Steel Door, Add	143.69	
		For Type 304 Stainless Steel Door, Add	574.77	
		For Type 316 Stainless Steel Door, Add	934.00	
		For Embossed Panel Door, Add	172.43	
		For Baked Enamel Finish, Add	234.66	
		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	-45.48	
		For >100, Deduct	-66.63	
		For 2" Thick Door, Add	55.28	
		For Polystyrene Core, Add	71.85	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	179.62	
		For Continuously Welded And Filled Vertical Edge Seam, Add	89.81	
		For Steel Stiffened, Add	179.62	
08 13 13 13-0068	EA	3' x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	852.86	65.10
		For Up To 1' Extra Height, Add	199.96	
		For 1' To 1'-6" Extra Height, Add	381.49	
		For Galvanized Steel Door, Add	144.53	
		For Type 304 Stainless Steel Door, Add	578.13	
		For Type 316 Stainless Steel Door, Add	939.46	
		For Embossed Panel Door, Add	173.44	
		For Baked Enamel Finish, Add	236.33	
		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	-45.90	
		For >100, Deduct	-67.22	
		For 2" Thick Door, Add	55.65	
		For Polystyrene Core, Add	72.27	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	180.67	
		For Continuously Welded And Filled Vertical Edge Seam, Add	90.33	
		For Steel Stiffened, Add	180.67	
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	907.49	65.10
		For Up To 1' Extra Height, Add	215.08	
		For 1' To 1'-6" Extra Height, Add	410.33	
		For Galvanized Steel Door, Add	155.46	
		For Type 304 Stainless Steel Door, Add	621.83	
		For Type 316 Stainless Steel Door, Add	1,010.48	
		For Embossed Panel Door, Add	186.55	
		For Baked Enamel Finish, Add	252.72	
		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	-48.63	
		For >100, Deduct	-71.32	
		For 2" Thick Door, Add	59.61	
		For Polystyrene Core, Add	77.73	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	194.32	
		For Continuously Welded And Filled Vertical Edge Seam, Add	97.16	
		For Steel Stiffened, Add	194.32	

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	13-0070	EA	3'-6" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	933.93	67.81
			For Up To 1' Extra Height, Add	220.89	
			For 1' To 1'-6" Extra Height, Add	421.42	
			For Galvanized Steel Door, Add	159.66	
			For Type 304 Stainless Steel Door, Add	638.64	
			For Type 316 Stainless Steel Door, Add	1,037.79	
			For Embossed Panel Door, Add	191.59	
			For Baked Enamel Finish, Add	259.83	
			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	-50.09	
			For >100, Deduct	-73.44	
			For 2" Thick Door, Add	61.27	
			For Polystyrene Core, Add	79.83	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	199.58	
			For Continuously Welded And Filled Vertical Edge Seam, Add	99.79	
			For Steel Stiffened, Add	199.58	
08 13 13	13-0071	EA	4' x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	1,028.80	73.24
			For Up To 1' Extra Height, Add	244.14	
			For 1' To 1'-6" Extra Height, Add	465.78	
			For Galvanized Steel Door, Add	176.46	
			For Type 304 Stainless Steel Door, Add	705.86	
			For Type 316 Stainless Steel Door, Add	1,147.02	
			For Embossed Panel Door, Add	211.76	
			For Baked Enamel Finish, Add	286.67	
			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	-55.10	
			For >100, Deduct	-80.82	
			For 2" Thick Door, Add	67.63	
			For Polystyrene Core, Add	88.23	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	220.58	
			For Continuously Welded And Filled Vertical Edge Seam, Add	110.29	
			For Steel Stiffened, Add	220.58	
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	887.66	59.67
			For 14 Gauge, Level 4 Maximum Duty, Add	307.32	
			For Galvanized Steel Door, Add	153.66	
			For Type 304 Stainless Steel Door, Add	614.64	
			For Type 316 Stainless Steel Door, Add	998.79	
			For Embossed Panel Door, Add	184.39	
			For Baked Enamel Finish, Add	248.39	
			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	-47.37	
			For >100, Deduct	-69.56	
			For 2" Thick Door, Add	58.69	
			For Polystyrene Core, Add	76.83	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	192.08	
			For Continuously Welded And Filled Vertical Edge Seam, Add	96.04	
			For Steel Stiffened, Add	192.08	
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.....	887.66	59.67
			For 14 Gauge, Level 4 Maximum Duty, Add	307.32	
			For Galvanized Steel Door, Add	153.66	
			For Type 304 Stainless Steel Door, Add	614.64	
			For Type 316 Stainless Steel Door, Add	998.79	
			For Embossed Panel Door, Add	184.39	
			For Baked Enamel Finish, Add	248.39	
			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	-47.37	
			For >100, Deduct	-69.56	
			For 2" Thick Door, Add	58.69	
			For Polystyrene Core, Add	76.83	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	192.08	
			For Continuously Welded And Filled Vertical Edge Seam, Add	96.04	
			For Steel Stiffened, Add	192.08	



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 13-0076	EA 2'-6" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door For 14 Gauge, Level 4 Maximum Duty, Add For Galvanized Steel Door, Add For Type 304 Stainless Steel Door, Add For Type 316 Stainless Steel Door, Add For Embossed Panel Door, Add For Baked Enamel Finish, Add For 20 Minute Fire Rated Door, Add For 45 Minute Fire Rated Door, Add For 60 Minute Fire Rated Door, Add For 90 Minute Fire Rated Door, Add For 3 Hour Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct For 2" Thick Door, Add For Polystyrene Core, Add For Mineral Core, 250 Degree Maximum Temperature Rise, Add For Continuously Welded And Filled Vertical Edge Seam, Add For Steel Stiffened, Add		908.78 313.60 156.60 627.21 1,019.21 188.16 253.92 27.63 41.40 55.27 93.38 131.50 48.56 -71.28 59.96 78.40 196.00 98.00 196.00		62.39
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 For 14 Gauge, Level 4 Maximum Duty, Add For Galvanized Steel Door, Add For Type 304 Stainless Steel Door, Add For Type 316 Stainless Steel Door, Add For Embossed Panel Door, Add For Baked Enamel Finish, Add For 20 Minute Fire Rated Door, Add For 45 Minute Fire Rated Door, Add For 60 Minute Fire Rated Door, Add For 90 Minute Fire Rated Door, Add For 3 Hour Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct For 2" Thick Door, Add For Polystyrene Core, Add For Mineral Core, 250 Degree Maximum Temperature Rise, Add For Continuously Welded And Filled Vertical Edge Seam, Add For Steel Stiffened, Add		920.48 318.28 159.14 636.57 1,034.42 190.97 257.43 27.63 41.40 55.27 93.38 131.50 -49.14 -72.16 60.81 79.57 198.93 99.46 198.93		62.39
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..... For 14 Gauge, Level 4 Maximum Duty, Add For Galvanized Steel Door, Add For Type 304 Stainless Steel Door, Add For Type 316 Stainless Steel Door, Add For Embossed Panel Door, Add For Baked Enamel Finish, Add For 20 Minute Fire Rated Door, Add For 45 Minute Fire Rated Door, Add For 60 Minute Fire Rated Door, Add For 90 Minute Fire Rated Door, Add For 3 Hour Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct For 2" Thick Door, Add For Polystyrene Core, Add For Mineral Core, 250 Degree Maximum Temperature Rise, Add For Continuously Welded And Filled Vertical Edge Seam, Add For Steel Stiffened, Add		927.90 320.16 160.08 640.33 1,040.53 192.10 259.25 27.63 41.40 55.27 93.38 131.50 -49.58 -72.78 61.22 80.04 200.10 100.05 200.10		63.74
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 For 14 Gauge, Level 4 Maximum Duty, Add For Galvanized Steel Door, Add For Type 304 Stainless Steel Door, Add For Type 316 Stainless Steel Door, Add For Embossed Panel Door, Add For Baked Enamel Finish, Add For 20 Minute Fire Rated Door, Add For 45 Minute Fire Rated Door, Add For 60 Minute Fire Rated Door, Add For 90 Minute Fire Rated Door, Add For 3 Hour Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct For 2" Thick Door, Add For Polystyrene Core, Add For Mineral Core, 250 Degree Maximum Temperature Rise, Add For Continuously Welded And Filled Vertical Edge Seam, Add For Steel Stiffened, Add		935.28 322.03 161.02 644.06 1,046.60 193.22 261.05 27.63 41.40 55.27 93.38 131.50 -50.02 -73.40 61.62 80.51 201.27 100.64 201.27		65.10

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 13-0080	EA		3'-4" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	996.13	65.10
			For 14 Gauge, Level 4 Maximum Duty, Add	346.37	
			For Galvanized Steel Door, Add	173.19	
			For Type 304 Stainless Steel Door, Add	692.74	
			For Type 316 Stainless Steel Door, Add	1,125.71	
			For Embossed Panel Door, Add	207.82	
			For Baked Enamel Finish, Add	279.31	
			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	-53.06	
			For >100, Deduct	-77.96	
			For 2" Thick Door, Add	66.03	
			For Polystyrene Core, Add	86.59	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	216.48	
			For Continuously Welded And Filled Vertical Edge Seam, Add	108.24	
			For Steel Stiffened, Add	216.48	
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.....	1,024.96	67.81
			For 14 Gauge, Level 4 Maximum Duty, Add	355.73	
			For Galvanized Steel Door, Add	177.87	
			For Type 304 Stainless Steel Door, Add	711.46	
			For Type 316 Stainless Steel Door, Add	1,156.13	
			For Embossed Panel Door, Add	213.44	
			For Baked Enamel Finish, Add	287.14	
			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	-54.64	
			For >100, Deduct	-80.26	
			For 2" Thick Door, Add	67.87	
			For Polystyrene Core, Add	88.93	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	222.33	
			For Continuously Welded And Filled Vertical Edge Seam, Add	111.17	
			For Steel Stiffened, Add	222.33	
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.....	1,129.42	73.24
			For 14 Gauge, Level 4 Maximum Duty, Add	393.18	
			For Galvanized Steel Door, Add	196.59	
			For Type 304 Stainless Steel Door, Add	786.35	
			For Type 316 Stainless Steel Door, Add	1,277.82	
			For Embossed Panel Door, Add	235.91	
			For Baked Enamel Finish, Add	316.85	
			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	-60.13	
			For >100, Deduct	-88.37	
			For 2" Thick Door, Add	74.93	
			For Polystyrene Core, Add	98.29	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	245.74	
			For Continuously Welded And Filled Vertical Edge Seam, Add	122.87	
			For Steel Stiffened, Add	245.74	
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 13 13 13-0084	EA		2' x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	905.89	59.67
			For 14 Gauge, Level 4 Maximum Duty, Add	314.61	
			For Galvanized Steel Door, Add	157.31	
			For Type 304 Stainless Steel Door, Add	629.22	
			For Type 316 Stainless Steel Door, Add	1,022.49	
			For Embossed Panel Door, Add	188.77	
			For Baked Enamel Finish, Add	253.86	
			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	-48.28	
			For >100, Deduct	-70.93	
			For 2" Thick Door, Add	60.01	
			For Polystyrene Core, Add	78.65	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	196.63	
			For Continuously Welded And Filled Vertical Edge Seam, Add	98.32	
			For Steel Stiffened, Add	196.63	



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 13-0085	EA 2'-4" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	905.89	59.67
	For 14 Gauge, Level 4 Maximum Duty, Add	314.61	
	For Galvanized Steel Door, Add	157.31	
	For Type 304 Stainless Steel Door, Add	629.22	
	For Type 316 Stainless Steel Door, Add	1,022.49	
	For Embossed Panel Door, Add	188.77	
	For Baked Enamel Finish, Add	253.86	
	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	48.28	
	For >100, Deduct	-70.93	
	For 2" Thick Door, Add	60.01	
	For Polystyrene Core, Add	78.65	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	196.63	
	For Continuously Welded And Filled Vertical Edge Seam, Add	98.32	
	For Steel Stiffened, Add	196.63	
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	927.39	62.39
	For 14 Gauge, Level 4 Maximum Duty, Add	321.05	
	For Galvanized Steel Door, Add	160.52	
	For Type 304 Stainless Steel Door, Add	642.10	
	For Type 316 Stainless Steel Door, Add	1,043.41	
	For Embossed Panel Door, Add	192.63	
	For Baked Enamel Finish, Add	259.50	
	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	-49.49	
	For >100, Deduct	-72.67	
	For 2" Thick Door, Add	61.31	
	For Polystyrene Core, Add	80.26	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	200.66	
	For Continuously Welded And Filled Vertical Edge Seam, Add	100.33	
	For Steel Stiffened, Add	200.66	
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	939.37	62.39
	For 14 Gauge, Level 4 Maximum Duty, Add	325.84	
	For Galvanized Steel Door, Add	162.92	
	For Type 304 Stainless Steel Door, Add	651.68	
	For Type 316 Stainless Steel Door, Add	1,058.98	
	For Embossed Panel Door, Add	195.50	
	For Baked Enamel Finish, Add	263.10	
	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	-50.09	
	For >100, Deduct	-73.57	
	For 2" Thick Door, Add	62.18	
	For Polystyrene Core, Add	81.46	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	203.65	
	For Continuously Welded And Filled Vertical Edge Seam, Add	101.83	
	For Steel Stiffened, Add	203.65	
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	946.88	63.74
	For 14 Gauge, Level 4 Maximum Duty, Add	327.76	
	For Galvanized Steel Door, Add	163.88	
	For Type 304 Stainless Steel Door, Add	655.51	
	For Type 316 Stainless Steel Door, Add	1,065.21	
	For Embossed Panel Door, Add	196.65	
	For Baked Enamel Finish, Add	264.94	
	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	-50.53	
	For >100, Deduct	-74.20	
	For 2" Thick Door, Add	62.59	
	For Polystyrene Core, Add	81.94	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	204.85	
	For Continuously Welded And Filled Vertical Edge Seam, Add	102.42	
	For Steel Stiffened, Add	204.85	

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 13-0089	EA	3' x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	.....	954.38	65.10
		For 14 Gauge, Level 4 Maximum Duty, Add		329.67	
		For Galvanized Steel Door, Add		164.84	
		For Type 304 Stainless Steel Door, Add		659.34	
		For Type 316 Stainless Steel Door, Add		1,071.43	
		For Embossed Panel Door, Add		197.80	
		For Baked Enamel Finish, Add		266.78	
		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		-50.97	
		For >100, Deduct		-74.83	
		For 2" Thick Door, Add		63.01	
		For Polystyrene Core, Add		82.42	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add		206.05	
		For Continuously Welded And Filled Vertical Edge Seam, Add		103.02	
		For Steel Stiffened, Add		206.05	
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	.....	1,016.67	65.10
		For 14 Gauge, Level 4 Maximum Duty, Add		354.59	
		For Galvanized Steel Door, Add		177.29	
		For Type 304 Stainless Steel Door, Add		709.18	
		For Type 316 Stainless Steel Door, Add		1,152.41	
		For Embossed Panel Door, Add		212.75	
		For Baked Enamel Finish, Add		285.47	
		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		-54.09	
		For >100, Deduct		-79.51	
		For 2" Thick Door, Add		67.52	
		For Polystyrene Core, Add		88.65	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add		221.62	
		For Continuously Welded And Filled Vertical Edge Seam, Add		110.81	
		For Steel Stiffened, Add		221.62	
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	.....	1,046.06	67.81
		For 14 Gauge, Level 4 Maximum Duty, Add		364.17	
		For Galvanized Steel Door, Add		182.09	
		For Type 304 Stainless Steel Door, Add		728.34	
		For Type 316 Stainless Steel Door, Add		1,183.56	
		For Embossed Panel Door, Add		218.50	
		For Baked Enamel Finish, Add		293.47	
		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		-55.69	
		For >100, Deduct		-81.85	
		For 2" Thick Door, Add		69.40	
		For Polystyrene Core, Add		91.04	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add		227.61	
		For Continuously Welded And Filled Vertical Edge Seam, Add		113.80	
		For Steel Stiffened, Add		227.61	
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	.....	1,152.75	73.24
		For 14 Gauge, Level 4 Maximum Duty, Add		402.51	
		For Galvanized Steel Door, Add		201.25	
		For Type 304 Stainless Steel Door, Add		805.02	
		For Type 316 Stainless Steel Door, Add		1,308.15	
		For Embossed Panel Door, Add		241.50	
		For Baked Enamel Finish, Add		323.85	
		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		-61.30	
		For >100, Deduct		-90.12	
		For 2" Thick Door, Add		76.62	
		For Polystyrene Core, Add		100.63	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add		251.57	
		For Continuously Welded And Filled Vertical Edge Seam, Add		125.78	
		For Steel Stiffened, Add		251.57	
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)			



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 13-0094	EA	2' x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	924.13	59.67
		For 14 Gauge, Level 4 Maximum Duty, Add	321.91	
		For Galvanized Steel Door, Add	160.95	
		For Type 304 Stainless Steel Door, Add	643.82	
		For Type 316 Stainless Steel Door, Add	1,046.20	
		For Embossed Panel Door, Add	193.14	
		For Baked Enamel Finish, Add	259.34	
		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	49.19	
		For >100, Deduct	-72.29	
		For 2" Thick Door, Add	61.33	
		For Polystyrene Core, Add	80.48	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	201.19	
		For Continuously Welded And Filled Vertical Edge Seam, Add	100.60	
		For Steel Stiffened, Add	201.19	
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	924.13	59.67
		For 14 Gauge, Level 4 Maximum Duty, Add	321.91	
		For Galvanized Steel Door, Add	160.95	
		For Type 304 Stainless Steel Door, Add	643.82	
		For Type 316 Stainless Steel Door, Add	1,046.20	
		For Embossed Panel Door, Add	193.14	
		For Baked Enamel Finish, Add	259.34	
		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	-49.19	
		For >100, Deduct	-72.29	
		For 2" Thick Door, Add	61.33	
		For Polystyrene Core, Add	80.48	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	201.19	
		For Continuously Welded And Filled Vertical Edge Seam, Add	100.60	
		For Steel Stiffened, Add	201.19	
08 13 13 13-0096	EA	2'-6" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	946.00	62.39
		For 14 Gauge, Level 4 Maximum Duty, Add	328.49	
		For Galvanized Steel Door, Add	164.25	
		For Type 304 Stainless Steel Door, Add	656.98	
		For Type 316 Stainless Steel Door, Add	1,067.60	
		For Embossed Panel Door, Add	197.10	
		For Baked Enamel Finish, Add	265.08	
		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	-50.42	
		For >100, Deduct	-74.07	
		For 2" Thick Door, Add	62.66	
		For Polystyrene Core, Add	82.12	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	205.31	
		For Continuously Welded And Filled Vertical Edge Seam, Add	102.65	
		For Steel Stiffened, Add	205.31	
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	958.25	62.39
		For 14 Gauge, Level 4 Maximum Duty, Add	333.39	
		For Galvanized Steel Door, Add	166.70	
		For Type 304 Stainless Steel Door, Add	666.78	
		For Type 316 Stainless Steel Door, Add	1,083.52	
		For Embossed Panel Door, Add	200.04	
		For Baked Enamel Finish, Add	268.76	
		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	-51.03	
		For >100, Deduct	-74.99	
		For 2" Thick Door, Add	63.55	
		For Polystyrene Core, Add	83.35	
		For Mineral Core, 250 Degree Maximum Temperature Rise, Add	208.37	
		For Continuously Welded And Filled Vertical Edge Seam, Add	104.19	
		For Steel Stiffened, Add	208.37	

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	13-0098	EA	2'-10" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	965.89	63.74
			For 14 Gauge, Level 4 Maximum Duty, Add	335.36	
			For Galvanized Steel Door, Add	167.68	
			For Type 304 Stainless Steel Door, Add	670.72	
			For Type 316 Stainless Steel Door, Add	1,089.92	
			For Embossed Panel Door, Add	201.22	
			For Baked Enamel Finish, Add	270.64	
			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	-51.48	
			For >100, Deduct	-75.63	
			For 2" Thick Door, Add	63.97	
			For Polystyrene Core, Add	83.84	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	209.60	
			For Continuously Welded And Filled Vertical Edge Seam, Add	104.80	
			For Steel Stiffened, Add	209.60	
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.....	873.49	65.10
			For 14 Gauge, Level 4 Maximum Duty, Add	337.32	
			For Galvanized Steel Door, Add	168.66	
			For Type 304 Stainless Steel Door, Add	674.63	
			For Type 316 Stainless Steel Door, Add	1,096.28	
			For Embossed Panel Door, Add	202.39	
			For Baked Enamel Finish, Add	272.52	
			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	-51.93	
			For >100, Deduct	-76.27	
			For 2" Thick Door, Add	64.39	
			For Polystyrene Core, Add	84.33	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	210.82	
			For Continuously Welded And Filled Vertical Edge Seam, Add	105.41	
			For Steel Stiffened, Add	210.82	
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.....	1,037.23	65.10
			For 14 Gauge, Level 4 Maximum Duty, Add	362.81	
			For Galvanized Steel Door, Add	181.41	
			For Type 304 Stainless Steel Door, Add	725.62	
			For Type 316 Stainless Steel Door, Add	1,179.14	
			For Embossed Panel Door, Add	217.69	
			For Baked Enamel Finish, Add	291.64	
			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	-55.12	
			For >100, Deduct	-81.05	
			For 2" Thick Door, Add	69.01	
			For Polystyrene Core, Add	90.70	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	226.76	
			For Continuously Welded And Filled Vertical Edge Seam, Add	113.38	
			For Steel Stiffened, Add	226.76	
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.....	1,067.17	67.81
			For 14 Gauge, Level 4 Maximum Duty, Add	372.62	
			For Galvanized Steel Door, Add	186.31	
			For Type 304 Stainless Steel Door, Add	745.23	
			For Type 316 Stainless Steel Door, Add	1,211.00	
			For Embossed Panel Door, Add	223.57	
			For Baked Enamel Finish, Add	299.81	
			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	-56.75	
			For >100, Deduct	-83.43	
			For 2" Thick Door, Add	70.93	
			For Polystyrene Core, Add	93.15	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	232.89	
			For Continuously Welded And Filled Vertical Edge Seam, Add	116.44	
			For Steel Stiffened, Add	232.89	



Openings			08	08
Doors and Frames			08 10	
Metal Doors			08 13	

MINOR		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
CSI	UOM DESCRIPTION		
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 For 14 Gauge, Level 4 Maximum Duty, Add For Galvanized Steel Door, Add For Type 304 Stainless Steel Door, Add For Type 316 Stainless Steel Door, Add For Embossed Panel Door, Add For Baked Enamel Finish, Add For 20 Minute Fire Rated Door, Add For 45 Minute Fire Rated Door, Add For 60 Minute Fire Rated Door, Add For 90 Minute Fire Rated Door, Add For 3 Hour Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct For 2" Thick Door, Add For Polystyrene Core, Add For Mineral Core, 250 Degree Maximum Temperature Rise, Add For Continuously Welded And Filled Vertical Edge Seam, Add For Steel Stiffened, Add	1,176.08 411.84 205.92 823.68 1,338.48 247.10 330.85 27.63 41.40 55.27 93.38 131.50 62.47 -91.87 78.31 102.96 257.40 128.70 257.40	73.24
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 For Up To 1' Extra Height, Add For 14 Gauge, Level 4 Maximum Duty, Add For Galvanized Steel Door, Add For Type 304 Stainless Steel Door, Add For Type 316 Stainless Steel Door, Add For Embossed Panel Door, Add For Baked Enamel Finish, Add For 20 Minute Fire Rated Door, Add For 45 Minute Fire Rated Door, Add For 60 Minute Fire Rated Door, Add For 90 Minute Fire Rated Door, Add For 3 Hour Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct For 2" Thick Door, Add For Polystyrene Core, Add For Mineral Core, 250 Degree Maximum Temperature Rise, Add For Continuously Welded And Filled Vertical Edge Seam, Add For Steel Stiffened, Add	1,074.53 264.30 382.07 191.03 764.14 1,241.72 229.24 304.46 27.63 41.40 55.27 93.38 131.50 -56.71 -83.57 72.23 95.52 238.79 119.40 238.79	59.67
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 For Up To 1' Extra Height, Add For 14 Gauge, Level 4 Maximum Duty, Add For Galvanized Steel Door, Add For Type 304 Stainless Steel Door, Add For Type 316 Stainless Steel Door, Add For Embossed Panel Door, Add For Baked Enamel Finish, Add For 20 Minute Fire Rated Door, Add For 45 Minute Fire Rated Door, Add For 60 Minute Fire Rated Door, Add For 90 Minute Fire Rated Door, Add For 3 Hour Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct For 2" Thick Door, Add For Polystyrene Core, Add For Mineral Core, 250 Degree Maximum Temperature Rise, Add For Continuously Welded And Filled Vertical Edge Seam, Add For Steel Stiffened, Add	1,074.53 264.30 382.07 191.03 764.14 1,241.72 229.24 304.46 27.63 41.40 55.27 93.38 131.50 -56.71 -83.57 72.23 95.52 238.79 119.40 238.79	59.67
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 For Up To 1' Extra Height, Add For 14 Gauge, Level 4 Maximum Duty, Add For Galvanized Steel Door, Add For Type 304 Stainless Steel Door, Add For Type 316 Stainless Steel Door, Add For Embossed Panel Door, Add For Baked Enamel Finish, Add For 20 Minute Fire Rated Door, Add For 45 Minute Fire Rated Door, Add For 60 Minute Fire Rated Door, Add For 90 Minute Fire Rated Door, Add For 3 Hour Fire Rated Door, Add For >50 To 100, Deduct For >100, Deduct For 2" Thick Door, Add For Polystyrene Core, Add For Mineral Core, 250 Degree Maximum Temperature Rise, Add For Continuously Welded And Filled Vertical Edge Seam, Add For Steel Stiffened, Add	1,099.48 269.70 389.88 194.94 779.77 1,267.12 233.93 311.13 27.63 41.40 55.27 93.38 131.50 -58.09 -85.58 73.79 97.47 243.68 121.84 243.68	62.39

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 13-0107	EA 2'-8" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,114.03	62.39
	For Up To 1' Extra Height, Add	273.73	
	For 14 Gauge, Level 4 Maximum Duty, Add	395.70	
	For Galvanized Steel Door, Add	197.85	
	For Type 304 Stainless Steel Door, Add	791.41	
	For Type 316 Stainless Steel Door, Add	1,286.04	
	For Embossed Panel Door, Add	237.42	
	For Baked Enamel Finish, Add	315.49	
	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	-58.82	
	For >100, Deduct	-86.67	
	For 2" Thick Door, Add	74.84	
	For Polystyrene Core, Add	98.93	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	247.32	
	For Continuously Welded And Filled Vertical Edge Seam, Add	123.66	
	For Steel Stiffened, Add	247.32	
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	1,122.56	63.74
	For Up To 1' Extra Height, Add	275.34	
	For 14 Gauge, Level 4 Maximum Duty, Add	398.03	
	For Galvanized Steel Door, Add	199.01	
	For Type 304 Stainless Steel Door, Add	796.06	
	For Type 316 Stainless Steel Door, Add	1,293.59	
	For Embossed Panel Door, Add	238.82	
	For Baked Enamel Finish, Add	317.64	
	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	-59.32	
	For >100, Deduct	-87.38	
	For 2" Thick Door, Add	75.33	
	For Polystyrene Core, Add	99.51	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	248.77	
	For Continuously Welded And Filled Vertical Edge Seam, Add	124.38	
	For Steel Stiffened, Add	248.77	
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	1,131.09	65.10
	For Up To 1' Extra Height, Add	276.95	
	For 14 Gauge, Level 4 Maximum Duty, Add	400.36	
	For Galvanized Steel Door, Add	200.18	
	For Type 304 Stainless Steel Door, Add	800.71	
	For Type 316 Stainless Steel Door, Add	1,301.16	
	For Embossed Panel Door, Add	240.21	
	For Baked Enamel Finish, Add	319.80	
	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	-59.81	
	For >100, Deduct	-88.09	
	For 2" Thick Door, Add	75.82	
	For Polystyrene Core, Add	100.09	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	250.22	
	For Continuously Welded And Filled Vertical Edge Seam, Add	125.11	
	For Steel Stiffened, Add	250.22	
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	1,206.74	65.10
	For Up To 1' Extra Height, Add	297.88	
	For 14 Gauge, Level 4 Maximum Duty, Add	430.62	
	For Galvanized Steel Door, Add	215.31	
	For Type 304 Stainless Steel Door, Add	861.23	
	For Type 316 Stainless Steel Door, Add	1,399.50	
	For Embossed Panel Door, Add	258.37	
	For Baked Enamel Finish, Add	342.49	
	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	-63.59	
	For >100, Deduct	-93.76	
	For 2" Thick Door, Add	81.30	
	For Polystyrene Core, Add	107.65	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	269.14	
	For Continuously Welded And Filled Vertical Edge Seam, Add	134.57	
	For Steel Stiffened, Add	269.14	



		Openings	08
		Doors and Frames	08 10
		Metal Doors	08 13

08

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST		UNIT COST
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	1,241.27		67.81
	For Up To 1' Extra Height, Add	305.93		
	For 1' To 1'-6" Extra Height, Add	583.67		
	For 14 Gauge, Level 4 Maximum Duty, Add	442.26		
	For Galvanized Steel Door, Add	221.13		
	For Type 304 Stainless Steel Door, Add	884.51		
	For Type 316 Stainless Steel Door, Add	1,437.33		
	For Embossed Panel Door, Add	265.35		
	For Baked Enamel Finish, Add	352.04		
	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	-65.45		
	For >100, Deduct	-96.49		
	For 2" Thick Door, Add	83.55		
	For Polystyrene Core, Add	110.56		
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	276.41		
	For Continuously Welded And Filled Vertical Edge Seam, Add	138.21		
	For Steel Stiffened, Add	276.41		
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	1,368.50		73.24
	For Up To 1' Extra Height, Add	338.13		
	For 1' To 1'-6" Extra Height, Add	645.10		
	For 14 Gauge, Level 4 Maximum Duty, Add	488.81		
	For Galvanized Steel Door, Add	244.40		
	For Type 304 Stainless Steel Door, Add	977.62		
	For Type 316 Stainless Steel Door, Add	1,588.63		
	For Embossed Panel Door, Add	293.28		
	For Baked Enamel Finish, Add	388.58		
	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	-72.09		
	For >100, Deduct	-106.30		
	For 2" Thick Door, Add	92.26		
	For Polystyrene Core, Add	122.20		
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	305.51		
	For Continuously Welded And Filled Vertical Edge Seam, Add	152.75		
	For Steel Stiffened, Add	305.51		
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	1,974.05		135.63
	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	2,067.40		162.75
	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	501.93		81.38
08 13 73 00-0003	EA 5' x 6' 8", Sliding Bypass Mirror Doors	571.77		86.81
08 13 73 00-0004	EA 6' x 6' 8", Sliding Bypass Mirror Doors	641.62		92.22
08 13 73 00-0005	EA 8' x 6' 8", Sliding Bypass Mirror Doors	770.44		97.65
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.			
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	234.05		59.67
	For >50 To 100, Deduct	-14.69		
	For >100, Deduct	-20.54		
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	234.05		59.67
	For >50 To 100, Deduct	-14.69		
	For >100, Deduct	-20.54		
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	247.59		62.39
	For >50 To 100, Deduct	-15.50		
	For >100, Deduct	-21.69		
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	253.57		62.39
	For >50 To 100, Deduct	-15.80		
	For >100, Deduct	-22.14		

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 00-0007	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	254.97	62.39
		For>50 To 100, Deduct	-15.87	
		For>100, Deduct	-22.24	
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	261.11	65.10
		For>50 To 100, Deduct	-16.31	
		For>100, Deduct	-22.84	
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	273.89	65.10
		For>50 To 100, Deduct	-16.95	
		For>100, Deduct	-23.80	
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	288.52	67.81
		For>50 To 100, Deduct	-17.82	
		For>100, Deduct	-25.03	
08 14 16 00-0011	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	240.74	59.67
		For>50 To 100, Deduct	-15.02	
		For>100, Deduct	-21.04	
08 14 16 00-0012	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	240.74	59.67
		For>50 To 100, Deduct	-15.02	
		For>100, Deduct	-21.04	
08 14 16 00-0013	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	254.75	62.39
		For>50 To 100, Deduct	-15.86	
		For>100, Deduct	-22.23	
08 14 16 00-0014	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	261.07	62.39
		For>50 To 100, Deduct	-16.17	
		For>100, Deduct	-22.70	
08 14 16 00-0015	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	262.55	62.39
		For>50 To 100, Deduct	-16.25	
		For>100, Deduct	-22.81	
08 14 16 00-0016	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	268.72	65.10
		For>50 To 100, Deduct	-16.69	
		For>100, Deduct	-23.41	
08 14 16 00-0017	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	282.25	65.10
		For>50 To 100, Deduct	-17.37	
		For>100, Deduct	-24.42	
08 14 16 00-0018	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	297.41	67.81
		For>50 To 100, Deduct	-18.26	
		For>100, Deduct	-25.70	
08 14 16 00-0019	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	264.40	59.67
		For>50 To 100, Deduct	-16.20	
		For>100, Deduct	-22.81	
		For 9' Door Height, Add	30.46	
08 14 16 00-0020	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	264.40	59.67
		For>50 To 100, Deduct	-16.20	
		For>100, Deduct	-22.81	
		For 9' Door Height, Add	30.46	
08 14 16 00-0021	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	280.10	62.39
		For>50 To 100, Deduct	-17.12	
		For>100, Deduct	-24.13	
		For 9' Door Height, Add	32.62	
08 14 16 00-0022	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	287.64	62.39
		For>50 To 100, Deduct	-17.50	
		For>100, Deduct	-24.69	
		For 9' Door Height, Add	34.20	
08 14 16 00-0023	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	289.42	62.39
		For>50 To 100, Deduct	-17.59	
		For>100, Deduct	-24.83	
		For 9' Door Height, Add	34.58	
08 14 16 00-0024	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	295.73	65.10
		For>50 To 100, Deduct	-18.04	
		For>100, Deduct	-25.43	
		For 9' Door Height, Add	34.76	
08 14 16 00-0025	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	311.90	65.10
		For>50 To 100, Deduct	-18.85	
		For>100, Deduct	-26.65	
		For 9' Door Height, Add	38.16	
08 14 16 00-0026	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	328.95	67.81
		For>50 To 100, Deduct	-19.84	
		For>100, Deduct	-28.06	
		For 9' Door Height, Add	40.60	
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	295.03	59.67
		For>50 To 100, Deduct	-17.74	
		For>100, Deduct	-25.11	
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	295.03	59.67
		For>50 To 100, Deduct	-17.74	
		For>100, Deduct	-25.11	
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	312.89	62.39
		For>50 To 100, Deduct	-18.76	
		For>100, Deduct	-26.59	
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	322.05	62.39
		For>50 To 100, Deduct	-19.22	
		For>100, Deduct	-27.27	



		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 00-0032	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	.....	323.67	62.39
		For >50 To 100, Deduct	.....	-19.30	
		For >100, Deduct	.....	-27.39	
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	.....	330.71	65.10
		For >50 To 100, Deduct	.....	-19.79	
		For >100, Deduct	.....	-28.06	
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	.....	350.27	65.10
		For >50 To 100, Deduct	.....	-20.77	
		For >100, Deduct	.....	-29.53	
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	.....	369.79	67.81
		For >50 To 100, Deduct	.....	-21.88	
		For >100, Deduct	.....	-31.13	
08 14 16 00-0036	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	.....	305.25	59.67
		For >50 To 100, Deduct	.....	-18.25	
		For >100, Deduct	.....	-25.88	
08 14 16 00-0037	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	.....	305.25	59.67
		For >50 To 100, Deduct	.....	-18.25	
		For >100, Deduct	.....	-25.88	
08 14 16 00-0038	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	.....	323.84	62.39
		For >50 To 100, Deduct	.....	-19.31	
		For >100, Deduct	.....	-27.41	
08 14 16 00-0039	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	.....	333.53	62.39
		For >50 To 100, Deduct	.....	-19.80	
		For >100, Deduct	.....	-28.13	
08 14 16 00-0040	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	.....	335.24	62.39
		For >50 To 100, Deduct	.....	-19.88	
		For >100, Deduct	.....	-28.26	
08 14 16 00-0041	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	.....	342.37	65.10
		For >50 To 100, Deduct	.....	-20.37	
		For >100, Deduct	.....	-28.93	
08 14 16 00-0042	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	.....	363.07	65.10
		For >50 To 100, Deduct	.....	-21.41	
		For >100, Deduct	.....	-30.49	
08 14 16 00-0043	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	.....	383.42	67.81
		For >50 To 100, Deduct	.....	-22.56	
		For >100, Deduct	.....	-32.15	
08 14 16 00-0044	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	.....	341.51	59.67
		For >50 To 100, Deduct	.....	-20.06	
		For >100, Deduct	.....	-28.60	
		For 9' Door Height, Add	.....	46.65	
08 14 16 00-0045	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	.....	341.51	59.67
		For >50 To 100, Deduct	.....	-20.06	
		For >100, Deduct	.....	-28.60	
		For 9' Door Height, Add	.....	46.65	
08 14 16 00-0046	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	.....	362.66	62.39
		For >50 To 100, Deduct	.....	-21.25	
		For >100, Deduct	.....	-30.32	
		For 9' Door Height, Add	.....	49.96	
08 14 16 00-0047	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	.....	374.23	62.39
		For >50 To 100, Deduct	.....	-21.83	
		For >100, Deduct	.....	-31.19	
		For 9' Door Height, Add	.....	52.39	
08 14 16 00-0048	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	.....	376.28	62.39
		For >50 To 100, Deduct	.....	-21.93	
		For >100, Deduct	.....	-31.34	
		For 9' Door Height, Add	.....	52.82	
08 14 16 00-0049	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	.....	383.74	65.10
		For >50 To 100, Deduct	.....	-22.44	
		For >100, Deduct	.....	-32.04	
		For 9' Door Height, Add	.....	53.24	
08 14 16 00-0050	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	.....	408.49	65.10
		For >50 To 100, Deduct	.....	-23.68	
		For >100, Deduct	.....	-33.89	
		For 9' Door Height, Add	.....	58.44	
08 14 16 00-0051	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	.....	431.75	67.81
		For >50 To 100, Deduct	.....	-24.98	
		For >100, Deduct	.....	-35.77	
		For 9' Door Height, Add	.....	62.19	
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	.....	289.60	59.67
		For >50 To 100, Deduct	.....	-17.46	
		For >100, Deduct	.....	-24.70	
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	.....	289.60	59.67
		For >50 To 100, Deduct	.....	-17.46	
		For >100, Deduct	.....	-24.70	
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	.....	307.06	62.39
		For >50 To 100, Deduct	.....	-18.47	
		For >100, Deduct	.....	-26.15	
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	.....	315.95	62.39
		For >50 To 100, Deduct	.....	-18.92	
		For >100, Deduct	.....	-26.82	

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 00-0057 EA 2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door For>50 To 100, Deduct For>100, Deduct	317.52 -19.00 -26.93	62.39
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 For>50 To 100, Deduct For>100, Deduct	324.51 -19.48 -27.59	65.10
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 For>50 To 100, Deduct For>100, Deduct	343.46 -20.43 -29.01	65.10
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 For>50 To 100, Deduct For>100, Deduct	362.54 -21.52 -30.58	67.81
08 14 16 00-0061 EA 2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door For>50 To 100, Deduct For>100, Deduct	299.49 -17.96 -25.45	59.67
08 14 16 00-0062 EA 2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door For>50 To 100, Deduct For>100, Deduct	299.49 -17.96 -25.45	59.67
08 14 16 00-0063 EA 2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door For>50 To 100, Deduct For>100, Deduct	317.68 -19.00 -26.95	62.39
08 14 16 00-0064 EA 2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door For>50 To 100, Deduct For>100, Deduct	327.07 -19.47 -27.65	62.39
08 14 16 00-0065 EA 2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door For>50 To 100, Deduct For>100, Deduct	328.73 -19.56 -27.77	62.39
08 14 16 00-0066 EA 3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door For>50 To 100, Deduct For>100, Deduct	335.80 -20.05 -28.44	65.10
08 14 16 00-0067 EA 3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door For>50 To 100, Deduct For>100, Deduct	355.86 -21.05 -29.94	65.10
08 14 16 00-0068 EA 3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door For>50 To 100, Deduct For>100, Deduct	375.75 -22.18 -31.57	67.81
08 14 16 00-0069 EA 2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door For>50 To 100, Deduct For>100, Deduct For 9' Door Height, Add	334.63 -19.72 -28.08 45.21	59.67
08 14 16 00-0070 EA 2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door For>50 To 100, Deduct For>100, Deduct For 9' Door Height, Add	334.63 -19.72 -28.08 45.21	59.67
08 14 16 00-0071 EA 2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door For>50 To 100, Deduct For>100, Deduct For 9' Door Height, Add	355.29 -20.88 -29.77 48.41	62.39
08 14 16 00-0072 EA 2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door For>50 To 100, Deduct For>100, Deduct For 9' Door Height, Add	366.50 -21.44 -30.61 50.76	62.39
08 14 16 00-0073 EA 2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door For>50 To 100, Deduct For>100, Deduct For 9' Door Height, Add	368.50 -21.54 -30.76 51.18	62.39
08 14 16 00-0074 EA 3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door For>50 To 100, Deduct For>100, Deduct For 9' Door Height, Add	375.89 -22.05 -31.45 51.59	65.10
08 14 16 00-0075 EA 3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door For>50 To 100, Deduct For>100, Deduct For 9' Door Height, Add	399.89 -23.25 -33.25 56.63	65.10
08 14 16 00-0076 EA 3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door For>50 To 100, Deduct For>100, Deduct For 9' Door Height, Add	422.58 -24.52 -35.08 60.26	67.81
08 14 16 00-0077 Lauan Faced Wood Doors (08 14 16 00-0001)		
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 For>50 To 100, Deduct For>100, Deduct	206.56 -13.31 -18.48	59.67
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 For>50 To 100, Deduct For>100, Deduct	206.56 -13.31 -18.48	59.67
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 For>50 To 100, Deduct For>100, Deduct	217.88 -14.01 -19.46	62.39
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 For>50 To 100, Deduct For>100, Deduct	222.87 -14.26 -19.83	62.39



		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 00-0082	EA	2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct	224.63 -14.35 -19.97	62.39
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 For >50 To 100, Deduct For >100, Deduct	231.82 -14.85 -20.64	65.10
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 For >50 To 100, Deduct For >100, Deduct	241.53 -15.33 -21.37	65.10
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 For >50 To 100, Deduct For >100, Deduct	254.10 -16.10 -22.45	67.81
08 14 16 00-0086	EA	2'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct	211.63 -13.57 -18.86	59.67
08 14 16 00-0087	EA	2'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct	210.10 -13.49 -18.74	59.67
08 14 16 00-0088	EA	2'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct	223.30 -14.28 -19.97	62.39
08 14 16 00-0089	EA	2'-8" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct	228.57 -14.55 -20.26	62.39
08 14 16 00-0090	EA	2'-10" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct	228.70 -14.55 -20.27	62.39
08 14 16 00-0091	EA	3'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct	237.73 -15.14 -21.08	65.10
08 14 16 00-0092	EA	3'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct	248.01 -15.66 -21.86	65.10
08 14 16 00-0093	EA	3'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct	258.92 -16.34 -22.81	67.81
08 14 16 00-0094	EA	2'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	229.63 -14.47 -20.21 23.16	59.67
08 14 16 00-0095	EA	2'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	229.61 -14.46 -20.20 23.15	59.67
08 14 16 00-0096	EA	2'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	242.51 -15.24 -21.31 24.73	62.39
08 14 16 00-0097	EA	2'-8" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	248.81 -15.56 -21.78 26.05	62.39
08 14 16 00-0098	EA	2'-10" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	251.05 -15.67 -21.95 26.52	62.39
08 14 16 00-0099	EA	3'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	258.70 -16.19 -22.66 26.99	65.10
08 14 16 00-0100	EA	3'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	270.99 -16.80 -23.58 29.57	65.10
08 14 16 00-0101	EA	3'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door For >50 To 100, Deduct For >100, Deduct For 9' Door Height, Add	285.41 -17.66 -24.80 31.45	67.81
08 14 16 00-0102		Medium Density Overlay (MDO) Faced Wood Doors (08 14 16 00-0001)		
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 For >50 To 100, Deduct For >100, Deduct	222.11 -14.09 -19.64	59.67
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 For >50 To 100, Deduct For >100, Deduct	222.11 -14.09 -19.64	59.67
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 For >50 To 100, Deduct For >100, Deduct	235.02 -14.87 -20.75	62.39
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 For >50 To 100, Deduct For >100, Deduct	238.56 -15.05 -21.01	62.39

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 00-0107	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	242.13	62.39
		For >50 To 100, Deduct	-15.23	
		For >100, Deduct	-21.28	
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.....	251.10	65.10
		For >50 To 100, Deduct	-15.81	
		For >100, Deduct	-22.09	
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.....	264.40	65.10
		For >50 To 100, Deduct	-16.48	
		For >100, Deduct	-23.09	
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.....	278.41	67.81
		For >50 To 100, Deduct	-17.31	
		For >100, Deduct	-24.27	
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.....	228.09	59.67
		For >50 To 100, Deduct	-14.39	
		For >100, Deduct	-20.09	
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.....	228.09	59.67
		For >50 To 100, Deduct	-14.39	
		For >100, Deduct	-20.09	
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.....	241.42	62.39
		For >50 To 100, Deduct	-15.19	
		For >100, Deduct	-21.23	
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.....	245.19	62.39
		For >50 To 100, Deduct	-15.38	
		For >100, Deduct	-21.51	
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.....	248.96	62.39
		For >50 To 100, Deduct	-15.57	
		For >100, Deduct	-21.79	
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.....	258.14	65.10
		For >50 To 100, Deduct	-16.16	
		For >100, Deduct	-22.62	
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.....	272.21	65.10
		For >50 To 100, Deduct	-16.87	
		For >100, Deduct	-23.67	
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.....	286.72	67.81
		For >50 To 100, Deduct	-17.73	
		For >100, Deduct	-24.89	
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.....	249.27	59.67
		For >50 To 100, Deduct	-15.45	
		For >100, Deduct	-21.68	
		For 9' Door Height, Add	27.28	
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.....	249.30	59.67
		For >50 To 100, Deduct	-15.45	
		For >100, Deduct	-21.68	
		For 9' Door Height, Add	27.29	
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.....	264.17	62.39
		For >50 To 100, Deduct	-16.33	
		For >100, Deduct	-22.93	
		For 9' Door Height, Add	29.27	
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.....	268.68	62.39
		For >50 To 100, Deduct	-16.55	
		For >100, Deduct	-23.27	
		For 9' Door Height, Add	30.22	
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.....	273.19	62.39
		For >50 To 100, Deduct	-16.78	
		For >100, Deduct	-23.61	
		For 9' Door Height, Add	31.17	
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.....	283.10	65.10
		For >50 To 100, Deduct	-17.41	
		For >100, Deduct	-24.49	
		For 9' Door Height, Add	32.11	
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.....	299.92	65.10
		For >50 To 100, Deduct	-18.25	
		For >100, Deduct	-25.75	
		For 9' Door Height, Add	35.64	
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.....	316.19	67.81
		For >50 To 100, Deduct	-19.20	
		For >100, Deduct	-27.11	
		For 9' Door Height, Add	37.92	
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 14 16 00-0129	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	262.72	59.67
		For >50 To 100, Deduct	-16.12	
		For >100, Deduct	-22.69	
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.....	262.72	59.67
		For >50 To 100, Deduct	-16.12	
		For >100, Deduct	-22.69	
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.....	273.53	62.39
		For >50 To 100, Deduct	-16.80	
		For >100, Deduct	-23.63	
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.....	275.55	62.39
		For >50 To 100, Deduct	-16.90	
		For >100, Deduct	-23.79	



		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 00-0133	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door For >50 To 100, Deduct For >100, Deduct	279.96 -17.12 -24.12	62.39
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 For >50 To 100, Deduct For >100, Deduct	289.80 -17.75 -24.99	65.10
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 For >50 To 100, Deduct For >100, Deduct	313.20 -18.92 -26.75	65.10
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 For >50 To 100, Deduct For >100, Deduct	366.12 -21.70 -30.85	67.81
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 For >50 To 100, Deduct For >100, Deduct	377.65 -22.27 -31.71	67.81
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 For >50 To 100, Deduct For >100, Deduct	400.70 -23.43 -33.44	67.81
08 14 16 00-0139	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door For >50 To 100, Deduct For >100, Deduct	271.07 -16.54 -23.31	59.67
08 14 16 00-0140	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door For >50 To 100, Deduct For >100, Deduct	271.06 -16.54 -23.31	59.67
08 14 16 00-0141	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door For >50 To 100, Deduct For >100, Deduct	282.19 -17.23 -24.28	62.39
08 14 16 00-0142	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door For >50 To 100, Deduct For >100, Deduct	284.32 -17.34 -24.44	62.39
08 14 16 00-0143	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door For >50 To 100, Deduct For >100, Deduct	288.99 -17.57 -24.79	62.39
08 14 16 00-0144	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door For >50 To 100, Deduct For >100, Deduct	299.08 -18.21 -25.69	65.10
08 14 16 00-0145	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door For >50 To 100, Deduct For >100, Deduct	323.85 -19.45 -27.54	65.10
08 14 16 00-0146	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door For >50 To 100, Deduct For >100, Deduct	379.55 -22.37 -31.86	67.81
08 14 16 00-0147	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door For >50 To 100, Deduct For >100, Deduct	391.73 -22.98 -32.77	67.81
08 14 16 00-0148	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door For >50 To 100, Deduct For >100, Deduct	416.13 -24.20 -34.60	67.81
08 14 16 00-0149	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door For >50 To 100, Deduct For >100, Deduct	300.65 -18.02 -25.53	59.67
		For 9' Door Height, Add	38.07	
08 14 16 00-0150	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door For >50 To 100, Deduct For >100, Deduct	300.65 -18.02 -25.53	59.67
		For 9' Door Height, Add	38.07	
08 14 16 00-0151	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door For >50 To 100, Deduct For >100, Deduct	312.89 -18.76 -26.59	62.39
		For 9' Door Height, Add	39.51	
08 14 16 00-0152	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door For >50 To 100, Deduct For >100, Deduct	315.43 -18.89 -26.78	62.39
		For 9' Door Height, Add	40.04	
08 14 16 00-0153	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door For >50 To 100, Deduct For >100, Deduct	321.03 -19.17 -27.20	62.39
		For 9' Door Height, Add	41.21	
08 14 16 00-0154	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door For >50 To 100, Deduct For >100, Deduct	332.00 -19.86 -28.16	65.10
		For 9' Door Height, Add	42.38	
08 14 16 00-0155	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door For >50 To 100, Deduct For >100, Deduct	361.62 -21.34 -30.38	65.10
		For 9' Door Height, Add	48.60	
08 14 16 00-0156	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door For >50 To 100, Deduct For >100, Deduct	427.11 -24.75 -35.42	67.81
		For 9' Door Height, Add	61.21	
08 14 16 00-0157	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door For >50 To 100, Deduct For >100, Deduct	441.67 -25.47 -36.52	67.81
		For 9' Door Height, Add	64.27	

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 00-0158	EA		4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	470.83	67.81
			For >50 To 100, Deduct	-26.93	
			For >100, Deduct	-38.70	
			For 9' Door Height, Add	70.39	
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	352.96	59.67
			For >50 To 100, Deduct	-20.63	
			For >100, Deduct	-29.46	
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	352.96	59.67
			For >50 To 100, Deduct	-20.63	
			For >100, Deduct	-29.46	
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	367.15	62.39
			For >50 To 100, Deduct	-21.48	
			For >100, Deduct	-30.66	
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	370.44	62.39
			For >50 To 100, Deduct	-21.64	
			For >100, Deduct	-30.90	
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	377.64	62.39
			For >50 To 100, Deduct	-22.00	
			For >100, Deduct	-31.44	
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	390.23	65.10
			For >50 To 100, Deduct	-22.77	
			For >100, Deduct	-32.52	
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	428.37	65.10
			For >50 To 100, Deduct	-24.67	
			For >100, Deduct	-35.38	
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	511.20	67.81
			For >50 To 100, Deduct	-28.95	
			For >100, Deduct	-41.73	
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	529.99	67.81
			For >50 To 100, Deduct	-29.89	
			For >100, Deduct	-43.14	
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	567.57	67.81
			For >50 To 100, Deduct	-31.77	
			For >100, Deduct	-45.96	
08 14 16 00-0170	EA		2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	366.55	59.67
			For >50 To 100, Deduct	-21.31	
			For >100, Deduct	-30.48	
08 14 16 00-0171	EA		2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	366.56	59.67
			For >50 To 100, Deduct	-21.31	
			For >100, Deduct	-30.48	
08 14 16 00-0172	EA		2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	381.26	62.39
			For >50 To 100, Deduct	-22.18	
			For >100, Deduct	-31.71	
08 14 16 00-0173	EA		2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	384.74	62.39
			For >50 To 100, Deduct	-22.36	
			For >100, Deduct	-31.97	
08 14 16 00-0174	EA		2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	392.35	62.39
			For >50 To 100, Deduct	-22.74	
			For >100, Deduct	-32.55	
08 14 16 00-0175	EA		3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	405.36	65.10
			For >50 To 100, Deduct	-23.52	
			For >100, Deduct	-33.66	
08 14 16 00-0176	EA		3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	445.72	65.10
			For >50 To 100, Deduct	-25.54	
			For >100, Deduct	-36.68	
08 14 16 00-0177	EA		3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	533.06	67.81
			For >50 To 100, Deduct	-30.04	
			For >100, Deduct	-43.37	
08 14 16 00-0178	EA		3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	552.95	67.81
			For >50 To 100, Deduct	-31.04	
			For >100, Deduct	-44.86	
08 14 16 00-0179	EA		4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	592.71	67.81
			For >50 To 100, Deduct	-33.03	
			For >100, Deduct	-47.84	
08 14 16 00-0180	EA		2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	414.74	59.67
			For >50 To 100, Deduct	-23.72	
			For >100, Deduct	-34.09	
			For 9' Door Height, Add	62.03	
08 14 16 00-0181	EA		2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	414.77	59.67
			For >50 To 100, Deduct	-23.72	
			For >100, Deduct	-34.09	
			For 9' Door Height, Add	62.04	
08 14 16 00-0182	EA		2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	431.28	62.39
			For >50 To 100, Deduct	-24.68	
			For >100, Deduct	-35.47	
			For 9' Door Height, Add	64.37	
08 14 16 00-0183	EA		2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	435.42	62.39
			For >50 To 100, Deduct	-24.89	
			For >100, Deduct	-35.78	
			For 9' Door Height, Add	65.24	



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 00-0184	EA		2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	444.52	62.39
			For >50 To 100, Deduct	-25.35	
			For >100, Deduct	-36.46	
			For 9' Door Height, Add	67.15	
08 14 16 00-0185	EA		3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	459.02	65.10
			For >50 To 100, Deduct	-26.21	
			For >100, Deduct	-37.68	
			For 9' Door Height, Add	69.05	
08 14 16 00-0186	EA		3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	507.27	65.10
			For >50 To 100, Deduct	-28.62	
			For >100, Deduct	-41.30	
			For 9' Door Height, Add	79.18	
08 14 16 00-0187	EA		3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	610.56	67.81
			For >50 To 100, Deduct	-33.92	
			For >100, Deduct	-49.18	
			For 9' Door Height, Add	99.74	
08 14 16 00-0188	EA		3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	634.34	67.81
			For >50 To 100, Deduct	-35.11	
			For >100, Deduct	-50.97	
			For 9' Door Height, Add	104.73	
08 14 16 00-0189	EA		4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	681.85	67.81
			For >50 To 100, Deduct	-37.48	
			For >100, Deduct	-54.53	
			For 9' Door Height, Add	114.71	
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.....	345.73	59.67
			For >50 To 100, Deduct	-20.27	
			For >100, Deduct	-28.91	
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.....	345.73	59.67
			For >50 To 100, Deduct	-20.27	
			For >100, Deduct	-28.91	
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.....	359.65	62.39
			For >50 To 100, Deduct	-21.10	
			For >100, Deduct	-30.09	
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.....	362.97	62.39
			For >50 To 100, Deduct	-21.27	
			For >100, Deduct	-30.34	
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.....	369.87	62.39
			For >50 To 100, Deduct	-21.61	
			For >100, Deduct	-30.86	
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.....	382.18	65.10
			For >50 To 100, Deduct	-22.36	
			For >100, Deduct	-31.92	
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.....	419.14	65.10
			For >50 To 100, Deduct	-24.21	
			For >100, Deduct	-34.69	
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.....	481.48	67.81
			For >50 To 100, Deduct	-27.46	
			For >100, Deduct	-39.50	
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.....	517.78	67.81
			For >50 To 100, Deduct	-29.28	
			For >100, Deduct	-42.22	
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.....	554.20	67.81
			For >50 To 100, Deduct	-31.10	
			For >100, Deduct	-44.96	
08 14 16 00-0201	EA		2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	358.91	59.67
			For >50 To 100, Deduct	-20.93	
			For >100, Deduct	-29.90	
08 14 16 00-0202	EA		2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	358.91	59.67
			For >50 To 100, Deduct	-20.93	
			For >100, Deduct	-29.90	
08 14 16 00-0203	EA		2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	373.31	62.39
			For >50 To 100, Deduct	-21.78	
			For >100, Deduct	-31.12	
08 14 16 00-0204	EA		2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	376.84	62.39
			For >50 To 100, Deduct	-21.96	
			For >100, Deduct	-31.38	
08 14 16 00-0205	EA		2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	384.12	62.39
			For >50 To 100, Deduct	-22.33	
			For >100, Deduct	-31.93	
08 14 16 00-0206	EA		3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	396.83	65.10
			For >50 To 100, Deduct	-23.10	
			For >100, Deduct	-33.02	
08 14 16 00-0207	EA		3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	435.95	65.10
			For >50 To 100, Deduct	-25.05	
			For >100, Deduct	-35.95	
08 14 16 00-0208	EA		3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	501.51	67.81
			For >50 To 100, Deduct	-28.47	
			For >100, Deduct	-41.00	
08 14 16 00-0209	EA		3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	540.04	67.81
			For >50 To 100, Deduct	-30.39	
			For >100, Deduct	-43.89	

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 00-0210	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	578.55	67.81
		For >50 To 100, Deduct	-32.32	
		For >100, Deduct	-46.78	
08 14 16 00-0211	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	405.62	59.67
		For >50 To 100, Deduct	-23.27	
		For >100, Deduct	-33.41	
		For 9' Door Height, Add	60.11	
08 14 16 00-0212	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	405.62	59.67
		For >50 To 100, Deduct	-23.27	
		For >100, Deduct	-33.41	
		For 9' Door Height, Add	60.11	
08 14 16 00-0213	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	421.77	62.39
		For >50 To 100, Deduct	-24.21	
		For >100, Deduct	-34.75	
		For 9' Door Height, Add	62.37	
08 14 16 00-0214	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	425.99	62.39
		For >50 To 100, Deduct	-24.42	
		For >100, Deduct	-35.07	
		For 9' Door Height, Add	63.26	
08 14 16 00-0215	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	434.67	62.39
		For >50 To 100, Deduct	-24.85	
		For >100, Deduct	-35.72	
		For 9' Door Height, Add	65.08	
08 14 16 00-0216	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	448.83	65.10
		For >50 To 100, Deduct	-25.70	
		For >100, Deduct	-36.92	
		For 9' Door Height, Add	66.91	
08 14 16 00-0217	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	495.56	65.10
		For >50 To 100, Deduct	-28.03	
		For >100, Deduct	-40.42	
		For 9' Door Height, Add	76.73	
08 14 16 00-0218	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	572.88	67.81
		For >50 To 100, Deduct	-32.03	
		For >100, Deduct	-46.36	
		For 9' Door Height, Add	91.82	
08 14 16 00-0219	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	618.91	67.81
		For >50 To 100, Deduct	-34.34	
		For >100, Deduct	-49.81	
		For 9' Door Height, Add	101.49	
08 14 16 00-0220	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	664.95	67.81
		For >50 To 100, Deduct	-36.64	
		For >100, Deduct	-53.26	
		For 9' Door Height, Add	111.16	
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.....	435.82	59.67
		For >50 To 100, Deduct	-24.78	
		For >100, Deduct	-35.67	
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.....	435.82	59.67
		For >50 To 100, Deduct	-24.78	
		For >100, Deduct	-35.67	
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.....	443.44	62.39
		For >50 To 100, Deduct	-25.29	
		For >100, Deduct	-36.38	
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.....	457.47	62.39
		For >50 To 100, Deduct	-25.99	
		For >100, Deduct	-37.43	
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.....	459.61	62.39
		For >50 To 100, Deduct	-26.10	
		For >100, Deduct	-37.59	
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.....	467.19	65.10
		For >50 To 100, Deduct	-26.61	
		For >100, Deduct	-38.29	
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.....	504.80	65.10
		For >50 To 100, Deduct	-28.50	
		For >100, Deduct	-41.12	
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.....	607.33	67.81
		For >50 To 100, Deduct	-33.76	
		For >100, Deduct	-48.94	
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.....	630.91	67.81
		For >50 To 100, Deduct	-34.94	
		For >100, Deduct	-50.71	
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.....	678.12	67.81
		For >50 To 100, Deduct	-37.30	
		For >100, Deduct	-54.25	
08 14 16 00-0232	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	454.23	59.67
		For >50 To 100, Deduct	-25.70	
		For >100, Deduct	-37.05	
08 14 16 00-0233	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	454.23	59.67
		For >50 To 100, Deduct	-25.70	
		For >100, Deduct	-37.05	
08 14 16 00-0234	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	461.99	62.39
		For >50 To 100, Deduct	-26.22	
		For >100, Deduct	-37.77	



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 00-0235	EA		2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	476.82	62.39
			For >50 To 100, Deduct	-26.96	
			For >100, Deduct	-38.88	
08 14 16 00-0236	EA		2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	479.11	62.39
			For >50 To 100, Deduct	-27.07	
			For >100, Deduct	-39.05	
08 14 16 00-0237	EA		3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	486.80	65.10
			For >50 To 100, Deduct	-27.60	
			For >100, Deduct	-39.77	
08 14 16 00-0238	EA		3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	526.59	65.10
			For >50 To 100, Deduct	-29.58	
			For >100, Deduct	-42.75	
08 14 16 00-0239	EA		3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	634.78	67.81
			For >50 To 100, Deduct	-35.13	
			For >100, Deduct	-51.00	
08 14 16 00-0240	EA		3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	659.74	67.81
			For >50 To 100, Deduct	-36.38	
			For >100, Deduct	-52.87	
08 14 16 00-0241	EA		4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	709.69	67.81
			For >50 To 100, Deduct	-38.88	
			For >100, Deduct	-56.62	
08 14 16 00-0242	EA		2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	519.53	59.67
			For >50 To 100, Deduct	-28.96	
			For >100, Deduct	-41.95	
			For 9' Door Height, Add	84.04	
08 14 16 00-0243	EA		2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	519.53	59.67
			For >50 To 100, Deduct	-28.96	
			For >100, Deduct	-41.95	
			For 9' Door Height, Add	84.04	
08 14 16 00-0244	EA		2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	527.76	62.39
			For >50 To 100, Deduct	-29.51	
			For >100, Deduct	-42.70	
			For 9' Door Height, Add	84.63	
08 14 16 00-0245	EA		2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	545.47	62.39
			For >50 To 100, Deduct	-30.39	
			For >100, Deduct	-44.03	
			For 9' Door Height, Add	88.35	
08 14 16 00-0246	EA		2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	548.20	62.39
			For >50 To 100, Deduct	-30.53	
			For >100, Deduct	-44.23	
			For 9' Door Height, Add	88.92	
08 14 16 00-0247	EA		3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	556.33	65.10
			For >50 To 100, Deduct	-31.07	
			For >100, Deduct	-44.98	
			For 9' Door Height, Add	89.49	
08 14 16 00-0248	EA		3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	603.90	65.10
			For >50 To 100, Deduct	-33.45	
			For >100, Deduct	-48.55	
			For 9' Door Height, Add	99.48	
08 14 16 00-0249	EA		3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	732.12	67.81
			For >50 To 100, Deduct	-40.00	
			For >100, Deduct	-58.30	
			For 9' Door Height, Add	125.26	
08 14 16 00-0250	EA		3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	761.95	67.81
			For >50 To 100, Deduct	-41.49	
			For >100, Deduct	-60.54	
			For 9' Door Height, Add	131.53	
08 14 16 00-0251	EA		4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	821.61	67.81
			For >50 To 100, Deduct	-44.47	
			For >100, Deduct	-65.01	
			For 9' Door Height, Add	144.06	
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	230.14	59.67
			For >50 To 100, Deduct	-14.49	
			For >100, Deduct	-20.24	
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	230.14	59.67
			For >50 To 100, Deduct	-14.49	
			For >100, Deduct	-20.24	
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	243.16	62.39
			For >50 To 100, Deduct	-15.28	
			For >100, Deduct	-21.36	
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	249.36	62.39
			For >50 To 100, Deduct	-15.59	
			For >100, Deduct	-21.82	
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	250.59	62.39
			For >50 To 100, Deduct	-15.65	
			For >100, Deduct	-21.91	
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	257.25	65.10
			For >50 To 100, Deduct	-16.12	
			For >100, Deduct	-22.55	
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	271.21	65.10
			For >50 To 100, Deduct	-16.82	
			For >100, Deduct	-23.60	

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 00-0260	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	294.65 -18.12 -25.49	67.81
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	302.58 -18.52 -26.08	67.81
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	318.49 -19.32 -27.28	67.81
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	236.57 -14.81 -20.73	59.67
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	236.57 -14.81 -20.73	59.67
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	250.06 -15.62 -21.87	62.39
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	256.62 -15.95 -22.37	62.39
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	257.92 -16.02 -22.46	62.39
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	264.64 -16.49 -23.10	65.10
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	279.42 -17.23 -24.21	65.10
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	303.89 -18.59 -26.18	67.81
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	312.29 -19.01 -26.81	67.81
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	329.12 -19.85 -28.07	67.81
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	259.43 -15.96 -22.44	59.67
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	259.43 -15.96 -22.44 29.41	59.67
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	274.48 -16.84 -23.71 31.44	62.39
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	282.32 -17.24 -24.29 33.09	62.39
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	283.88 -17.31 -24.41 33.41	62.39
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	290.86 -17.80 -25.07 33.74	65.10
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	308.53 -18.68 -26.39 37.45	65.10
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	336.69 -20.23 -28.64 42.22	67.81
08 14 16 00-0281	EA		3'-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	346.74 -20.73 -29.40 44.33	67.81
08 14 16 00-0282	EA		4'-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	366.85 -21.73 -30.90 48.56	67.81
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 For>50 To 100, Deduct For>100, Deduct	247.37 -15.35 -21.54	59.67



		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 00-0285	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	247.39	59.67	
		For >50 To 100, Deduct	-15.35		
		For >100, Deduct	-21.54		
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	256.34	62.39	
		For >50 To 100, Deduct	-15.94		
		For >100, Deduct	-22.34		
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	263.48	62.39	
		For >50 To 100, Deduct	-16.29		
		For >100, Deduct	-22.88		
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	267.05	62.39	
		For >50 To 100, Deduct	-16.47		
		For >100, Deduct	-23.15		
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	275.99	65.10	
		For >50 To 100, Deduct	-17.05		
		For >100, Deduct	-23.95		
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	284.12	65.10	
		For >50 To 100, Deduct	-17.46		
		For >100, Deduct	-24.56		
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	315.99	67.81	
		For >50 To 100, Deduct	-19.19		
		For >100, Deduct	-27.09		
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	325.01	67.81	
		For >50 To 100, Deduct	-19.64		
		For >100, Deduct	-27.77		
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	343.07	67.81	
		For >50 To 100, Deduct	-20.54		
		For >100, Deduct	-29.12		
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	254.83	59.67	
		For >50 To 100, Deduct	-15.73		
		For >100, Deduct	-22.10		
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	254.83	59.67	
		For >50 To 100, Deduct	-15.73		
		For >100, Deduct	-22.10		
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	263.99	62.39	
		For >50 To 100, Deduct	-16.32		
		For >100, Deduct	-22.92		
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	271.55	62.39	
		For >50 To 100, Deduct	-16.70		
		For >100, Deduct	-23.49		
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	275.32	62.39	
		For >50 To 100, Deduct	-16.89		
		For >100, Deduct	-23.77		
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	284.49	65.10	
		For >50 To 100, Deduct	-17.48		
		For >100, Deduct	-24.59		
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	293.09	65.10	
		For >50 To 100, Deduct	-17.91		
		For >100, Deduct	-25.24		
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	326.50	67.81	
		For >50 To 100, Deduct	-19.72		
		For >100, Deduct	-27.88		
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	336.05	67.81	
		For >50 To 100, Deduct	-20.19		
		For >100, Deduct	-28.59		
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	355.13	67.81	
		For >50 To 100, Deduct	-21.15		
		For >100, Deduct	-30.03		
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	281.25	59.67	
		For >50 To 100, Deduct	-17.05		
		For >100, Deduct	-24.08		
		For 9' Door Height, Add	34.00		
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	281.25	59.67	
		For >50 To 100, Deduct	-17.05		
		For >100, Deduct	-24.08		
		For 9' Door Height, Add	34.00		
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	291.14	62.39	
		For >50 To 100, Deduct	-17.68		
		For >100, Deduct	-24.95		
		For 9' Door Height, Add	34.94		
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	300.16	62.39	
		For >50 To 100, Deduct	-18.13		
		For >100, Deduct	-25.63		
		For 9' Door Height, Add	36.83		
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	304.66	62.39	
		For >50 To 100, Deduct	-18.35		
		For >100, Deduct	-25.97		
		For 9' Door Height, Add	37.78		
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	314.57	65.10	
		For >50 To 100, Deduct	-18.98		
		For >100, Deduct	-26.85		
		For 9' Door Height, Add	38.72		
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	324.86	65.10	
		For >50 To 100, Deduct	-19.50		
		For >100, Deduct	-27.62		
		For 9' Door Height, Add	40.88		

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 00-0311	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	363.73 -21.58 -30.67 47.90	67.81
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..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	375.13 -22.15 -31.53 50.30	67.81
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..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	397.95 -23.29 -33.24 55.09	67.81
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..... <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>	273.38 -3.08 115.52 69.31 -16.65 -23.49	59.67
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..... <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>	273.41 -3.08 115.54 69.32 -16.65 -23.49	59.67
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..... <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>	286.90 -3.24 121.60 72.96 -17.46 -24.64	62.39
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..... <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>	294.97 -3.40 127.65 76.59 -17.87 -25.24	62.39
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..... <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>	299.90 -3.50 131.35 78.81 -18.11 -25.61	62.39
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..... <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>	310.28 -3.60 135.06 81.04 -18.77 -26.53	65.10
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..... <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>	330.04 -4.00 149.88 89.93 -19.76 -28.01	65.10
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..... <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>	348.25 -4.25 159.47 95.68 -20.80 -29.51	67.81
08 14 16 00-0324	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch 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>	282.35 -3.26 122.24 73.35 -17.10 -24.16	59.67
08 14 16 00-0325	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch 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>	282.36 -3.26 122.25 73.35 -17.10 -24.16	59.67
08 14 16 00-0326	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch 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>	296.33 -3.43 128.67 77.20 -17.94 -25.34	62.39



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 00-0327	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	.....	304.89	62.39
		For 7 Ply Cold Press Construction, Deduct	.....	-3.60	
		For Stave Lumber Core (SLC), Add	.....	135.09	
		For Structural Composite Lumber Core (SCLC), Add	.....	81.05	
		For >50 To 100, Deduct	.....	-18.36	
		For >100, Deduct	.....	-25.99	
08 14 16 00-0328	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	.....	310.10	62.39
		For 7 Ply Cold Press Construction, Deduct	.....	-3.71	
		For Stave Lumber Core (SLC), Add	.....	139.00	
		For Structural Composite Lumber Core (SCLC), Add	.....	83.40	
		For >50 To 100, Deduct	.....	-18.62	
		For >100, Deduct	.....	-26.38	
08 14 16 00-0329	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	.....	320.76	65.10
		For 7 Ply Cold Press Construction, Deduct	.....	-3.81	
		For Stave Lumber Core (SLC), Add	.....	142.92	
		For Structural Composite Lumber Core (SCLC), Add	.....	85.75	
		For >50 To 100, Deduct	.....	-19.29	
		For >100, Deduct	.....	-27.31	
08 14 16 00-0330	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	.....	341.67	65.10
		For 7 Ply Cold Press Construction, Deduct	.....	-4.23	
		For Stave Lumber Core (SLC), Add	.....	158.60	
		For Structural Composite Lumber Core (SCLC), Add	.....	95.16	
		For >50 To 100, Deduct	.....	-20.34	
		For >100, Deduct	.....	-28.88	
08 14 16 00-0331	EA	3'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	.....	360.62	67.81
		For 7 Ply Cold Press Construction, Deduct	.....	-4.50	
		For Stave Lumber Core (SLC), Add	.....	168.74	
		For Structural Composite Lumber Core (SCLC), Add	.....	101.25	
		For >50 To 100, Deduct	.....	-21.42	
		For >100, Deduct	.....	-30.44	
08 14 16 00-0332	EA	2'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	.....	314.15	59.67
		For 7 Ply Cold Press Construction, Deduct	.....	-3.90	
		For Stave Lumber Core (SLC), Add	.....	146.09	
		For Structural Composite Lumber Core (SCLC), Add	.....	87.66	
		For >50 To 100, Deduct	.....	-18.69	
		For >100, Deduct	.....	-26.55	
		For 9' Door Height, Add	.....	40.91	
08 14 16 00-0333	EA	2'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	.....	314.15	59.67
		For 7 Ply Cold Press Construction, Deduct	.....	-3.90	
		For Stave Lumber Core (SLC), Add	.....	146.09	
		For Structural Composite Lumber Core (SCLC), Add	.....	87.66	
		For >50 To 100, Deduct	.....	-18.69	
		For >100, Deduct	.....	-26.55	
		For 9' Door Height, Add	.....	40.91	
08 14 16 00-0334	EA	2'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	.....	329.79	62.39
		For 7 Ply Cold Press Construction, Deduct	.....	-4.10	
		For Stave Lumber Core (SLC), Add	.....	153.77	
		For Structural Composite Lumber Core (SCLC), Add	.....	92.26	
		For >50 To 100, Deduct	.....	-19.61	
		For >100, Deduct	.....	-27.85	
		For 9' Door Height, Add	.....	43.05	
08 14 16 00-0335	EA	2'-8" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	.....	340.01	62.39
		For 7 Ply Cold Press Construction, Deduct	.....	-4.30	
		For Stave Lumber Core (SLC), Add	.....	161.43	
		For Structural Composite Lumber Core (SCLC), Add	.....	96.86	
		For >50 To 100, Deduct	.....	-20.12	
		For >100, Deduct	.....	-28.62	
		For 9' Door Height, Add	.....	45.20	
08 14 16 00-0336	EA	2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	.....	346.24	62.39
		For 7 Ply Cold Press Construction, Deduct	.....	-4.43	
		For Stave Lumber Core (SLC), Add	.....	166.10	
		For Structural Composite Lumber Core (SCLC), Add	.....	99.66	
		For >50 To 100, Deduct	.....	-20.43	
		For >100, Deduct	.....	-29.09	
		For 9' Door Height, Add	.....	46.51	
08 14 16 00-0337	EA	3'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	.....	357.92	65.10
		For 7 Ply Cold Press Construction, Deduct	.....	-4.55	
		For Stave Lumber Core (SLC), Add	.....	170.79	
		For Structural Composite Lumber Core (SCLC), Add	.....	102.47	
		For >50 To 100, Deduct	.....	-21.15	
		For >100, Deduct	.....	-30.10	
		For 9' Door Height, Add	.....	47.82	
08 14 16 00-0338	EA	3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	.....	382.91	65.10
		For 7 Ply Cold Press Construction, Deduct	.....	-5.05	
		For Stave Lumber Core (SLC), Add	.....	189.53	
		For Structural Composite Lumber Core (SCLC), Add	.....	113.72	
		For >50 To 100, Deduct	.....	-22.40	
		For >100, Deduct	.....	-31.97	
		For 9' Door Height, Add	.....	53.07	
08 14 16 00-0339	EA	3'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	.....	404.49	67.81
		For 7 Ply Cold Press Construction, Deduct	.....	-5.38	
		For Stave Lumber Core (SLC), Add	.....	201.65	
		For Structural Composite Lumber Core (SCLC), Add	.....	120.99	
		For >50 To 100, Deduct	.....	-23.62	
		For >100, Deduct	.....	-33.73	
		For 9' Door Height, Add	.....	56.46	

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 00-0340 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	379.72	59.67	
		For 7 Ply Cold Press Construction, Deduct	-5.21		
		For Stave Lumber Core (SLC), Add	195.27		
		For Structural Composite Lumber Core (SCLC), Add	117.16		
		For >50 To 100, Deduct	-21.97		
		For >100, Deduct	-31.46		
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	379.72	59.67	
		For 7 Ply Cold Press Construction, Deduct	-5.21		
		For Stave Lumber Core (SLC), Add	195.27		
		For Structural Composite Lumber Core (SCLC), Add	117.16		
		For >50 To 100, Deduct	-21.97		
		For >100, Deduct	-31.46		
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	398.83	62.39	
		For 7 Ply Cold Press Construction, Deduct	-5.48		
		For Stave Lumber Core (SLC), Add	205.55		
		For Structural Composite Lumber Core (SCLC), Add	123.33		
		For >50 To 100, Deduct	-23.06		
		For >100, Deduct	-33.03		
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	412.50	62.39	
		For 7 Ply Cold Press Construction, Deduct	-5.75		
		For Stave Lumber Core (SLC), Add	215.80		
		For Structural Composite Lumber Core (SCLC), Add	129.48		
		For >50 To 100, Deduct	-23.74		
		For >100, Deduct	-34.06		
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	420.83	62.39	
		For 7 Ply Cold Press Construction, Deduct	-5.92		
		For Stave Lumber Core (SLC), Add	222.05		
		For Structural Composite Lumber Core (SCLC), Add	133.23		
		For >50 To 100, Deduct	-24.16		
		For >100, Deduct	-34.68		
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	434.62	65.10	
		For 7 Ply Cold Press Construction, Deduct	-6.09		
		For Stave Lumber Core (SLC), Add	228.32		
		For Structural Composite Lumber Core (SCLC), Add	136.99		
		For >50 To 100, Deduct	-24.99		
		For >100, Deduct	-35.85		
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	468.02	65.10	
		For 7 Ply Cold Press Construction, Deduct	-6.76		
		For Stave Lumber Core (SLC), Add	253.37		
		For Structural Composite Lumber Core (SCLC), Add	152.02		
		For >50 To 100, Deduct	-26.66		
		For >100, Deduct	-38.36		
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	495.03	67.81	
		For 7 Ply Cold Press Construction, Deduct	-7.19		
		For Stave Lumber Core (SLC), Add	269.55		
		For Structural Composite Lumber Core (SCLC), Add	161.73		
		For >50 To 100, Deduct	-28.14		
		For >100, Deduct	-40.52		
08 14 16 00-0349	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	394.86	59.67	
		For 7 Ply Cold Press Construction, Deduct	-5.51		
		For Stave Lumber Core (SLC), Add	206.63		
		For Structural Composite Lumber Core (SCLC), Add	123.98		
		For >50 To 100, Deduct	-22.73		
		For >100, Deduct	-32.60		
08 14 16 00-0350	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	394.86	59.67	
		For 7 Ply Cold Press Construction, Deduct	-5.51		
		For Stave Lumber Core (SLC), Add	206.63		
		For Structural Composite Lumber Core (SCLC), Add	123.98		
		For >50 To 100, Deduct	-22.73		
		For >100, Deduct	-32.60		
08 14 16 00-0351	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	414.80	62.39	
		For 7 Ply Cold Press Construction, Deduct	-5.80		
		For Stave Lumber Core (SLC), Add	217.52		
		For Structural Composite Lumber Core (SCLC), Add	130.51		
		For >50 To 100, Deduct	-23.86		
		For >100, Deduct	-34.23		
08 14 16 00-0352	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	429.26	62.39	
		For 7 Ply Cold Press Construction, Deduct	-6.09		
		For Stave Lumber Core (SLC), Add	228.37		
		For Structural Composite Lumber Core (SCLC), Add	137.02		
		For >50 To 100, Deduct	-24.58		
		For >100, Deduct	-35.31		
08 14 16 00-0353	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	438.06	62.39	
		For 7 Ply Cold Press Construction, Deduct	-6.27		
		For Stave Lumber Core (SLC), Add	234.97		
		For Structural Composite Lumber Core (SCLC), Add	140.98		
		For >50 To 100, Deduct	-25.02		
		For >100, Deduct	-35.97		



		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 00-0354	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>	452.33 -6.44 241.60 144.96 -25.87 -37.18	65.10
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>	487.68 -7.15 268.11 160.87 -27.64 -39.83	65.10
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>	515.96 -7.61 285.25 171.15 -29.19 -42.09	67.81
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>	448.58 -6.58 246.92 148.15 -25.41 -36.63 69.14	59.67
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>	448.58 -6.58 246.92 148.15 -25.41 -36.63 69.14	59.67
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>	471.36 -6.93 259.94 155.97 -26.69 -38.47 72.78	62.39
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>	488.62 -7.28 272.89 163.73 -27.55 -39.77 76.41	62.39
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>	499.14 -7.49 280.78 168.47 -28.08 -40.55 78.62	62.39
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>	515.16 -7.70 288.72 173.23 -29.01 -41.89 80.84	65.10
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>	557.40 -8.54 320.40 192.24 -31.13 -45.06 89.71	65.10
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>	590.13 -9.09 340.88 204.53 -32.90 -47.65 95.45	67.81
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>	347.43 -4.56 171.05 102.63 -20.36 -29.04	59.67

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 00-0367	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	.....	347.43	59.67
		For 7 Ply Cold Press Construction, Deduct	.....	-4.56	
		For Stave Lumber Core (SLC), Add	.....	171.05	
		For Structural Composite Lumber Core (SCLC), Add	.....	102.63	
		For >50 To 100, Deduct	.....	-20.36	
		For >100, Deduct	.....	-29.04	
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	.....	364.85	62.39
		For 7 Ply Cold Press Construction, Deduct	.....	-4.80	
		For Stave Lumber Core (SLC), Add	.....	180.06	
		For Structural Composite Lumber Core (SCLC), Add	.....	108.04	
		For >50 To 100, Deduct	.....	-21.36	
		For >100, Deduct	.....	-30.48	
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	.....	376.83	62.39
		For 7 Ply Cold Press Construction, Deduct	.....	-5.04	
		For Stave Lumber Core (SLC), Add	.....	189.05	
		For Structural Composite Lumber Core (SCLC), Add	.....	113.43	
		For >50 To 100, Deduct	.....	-21.96	
		For >100, Deduct	.....	-31.38	
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	.....	384.10	62.39
		For 7 Ply Cold Press Construction, Deduct	.....	-5.19	
		For Stave Lumber Core (SLC), Add	.....	194.50	
		For Structural Composite Lumber Core (SCLC), Add	.....	116.70	
		For >50 To 100, Deduct	.....	-22.32	
		For >100, Deduct	.....	-31.93	
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	.....	396.86	65.10
		For 7 Ply Cold Press Construction, Deduct	.....	-5.33	
		For Stave Lumber Core (SLC), Add	.....	200.00	
		For Structural Composite Lumber Core (SCLC), Add	.....	120.00	
		For >50 To 100, Deduct	.....	-23.10	
		For >100, Deduct	.....	-33.02	
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	.....	426.12	65.10
		For 7 Ply Cold Press Construction, Deduct	.....	-5.92	
		For Stave Lumber Core (SLC), Add	.....	221.94	
		For Structural Composite Lumber Core (SCLC), Add	.....	133.16	
		For >50 To 100, Deduct	.....	-24.56	
		For >100, Deduct	.....	-35.21	
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	.....	450.46	67.81
		For 7 Ply Cold Press Construction, Deduct	.....	-6.30	
		For Stave Lumber Core (SLC), Add	.....	236.12	
		For Structural Composite Lumber Core (SCLC), Add	.....	141.67	
		For >50 To 100, Deduct	.....	-25.91	
		For >100, Deduct	.....	-37.18	
08 14 16 00-0374	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	.....	360.69	59.67
		For 7 Ply Cold Press Construction, Deduct	.....	-4.83	
		For Stave Lumber Core (SLC), Add	.....	181.00	
		For Structural Composite Lumber Core (SCLC), Add	.....	108.60	
		For >50 To 100, Deduct	.....	-21.02	
		For >100, Deduct	.....	-30.04	
08 14 16 00-0375	EA	2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	.....	360.69	59.67
		For 7 Ply Cold Press Construction, Deduct	.....	-4.83	
		For Stave Lumber Core (SLC), Add	.....	181.00	
		For Structural Composite Lumber Core (SCLC), Add	.....	108.60	
		For >50 To 100, Deduct	.....	-21.02	
		For >100, Deduct	.....	-30.04	
08 14 16 00-0376	EA	2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	.....	378.83	62.39
		For 7 Ply Cold Press Construction, Deduct	.....	-5.08	
		For Stave Lumber Core (SLC), Add	.....	190.55	
		For Structural Composite Lumber Core (SCLC), Add	.....	114.33	
		For >50 To 100, Deduct	.....	-22.06	
		For >100, Deduct	.....	-31.53	
08 14 16 00-0377	EA	2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	.....	391.51	62.39
		For 7 Ply Cold Press Construction, Deduct	.....	-5.33	
		For Stave Lumber Core (SLC), Add	.....	200.06	
		For Structural Composite Lumber Core (SCLC), Add	.....	120.03	
		For >50 To 100, Deduct	.....	-22.69	
		For >100, Deduct	.....	-32.48	
08 14 16 00-0378	EA	2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	.....	399.21	62.39
		For 7 Ply Cold Press Construction, Deduct	.....	-5.49	
		For Stave Lumber Core (SLC), Add	.....	205.83	
		For Structural Composite Lumber Core (SCLC), Add	.....	123.50	
		For >50 To 100, Deduct	.....	-23.08	
		For >100, Deduct	.....	-33.06	
08 14 16 00-0379	EA	3'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	.....	412.39	65.10
		For 7 Ply Cold Press Construction, Deduct	.....	-5.64	
		For Stave Lumber Core (SLC), Add	.....	211.64	
		For Structural Composite Lumber Core (SCLC), Add	.....	126.99	
		For >50 To 100, Deduct	.....	-23.87	
		For >100, Deduct	.....	-34.18	
08 14 16 00-0380	EA	3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	.....	443.35	65.10
		For 7 Ply Cold Press Construction, Deduct	.....	-6.26	
		For Stave Lumber Core (SLC), Add	.....	234.86	
		For Structural Composite Lumber Core (SCLC), Add	.....	140.92	
		For >50 To 100, Deduct	.....	-25.42	
		For >100, Deduct	.....	-36.51	



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 00-0381	EA	3'-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>	468.79 -6.66 249.87 149.92 -26.83 -38.55	67.81
08 14 16 00-0382	EA	2'-0" x 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> <i>For 9' Door Height, Add</i>	407.75 -5.77 216.29 129.78 -23.37 -33.57 60.56	59.67
08 14 16 00-0383	EA	2'-4" x 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> <i>For 9' Door Height, Add</i>	407.75 -5.77 216.29 129.78 -23.37 -33.57 60.56	59.67
08 14 16 00-0384	EA	2'-6" x 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> <i>For 9' Door Height, Add</i>	428.37 -6.07 227.70 136.62 -24.54 -35.25 63.76	62.39
08 14 16 00-0385	EA	2'-8" x 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> <i>For 9' Door Height, Add</i>	443.50 -6.37 239.05 143.43 -25.29 -36.38 66.93	62.39
08 14 16 00-0386	EA	2'-10" x 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> <i>For 9' Door Height, Add</i>	452.72 -6.56 245.96 147.58 -25.76 -37.07 68.87	62.39
08 14 16 00-0387	EA	3'-0" x 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> <i>For 9' Door Height, Add</i>	467.41 -6.74 252.91 151.74 -26.63 -38.31 70.81	65.10
08 14 16 00-0388	EA	3'-4" x 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> <i>For 9' Door Height, Add</i>	504.42 -7.48 280.67 168.40 -28.48 -41.09 78.59	65.10
08 14 16 00-0389	EA	3'-6" x 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> <i>For 9' Door Height, Add</i>	533.76 -7.96 298.60 179.16 -30.08 -43.42 83.61	67.81
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..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	331.08 -19.54 -27.82	59.67
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..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	331.08 -19.54 -27.82	59.67
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..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	348.07 -20.52 -29.22	62.39
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..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	359.75 -21.11 -30.10	62.39
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..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	365.61 -21.40 -30.54	62.39
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..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	376.95 -22.10 -31.53	65.10
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..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	404.04 -23.46 -33.56	65.10

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 00-0398	EA		3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	430.94	67.81
			For >50 To 100, Deduct	-24.94	
			For >100, Deduct	-35.71	
08 14 16 00-0399	EA		2'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	343.40	59.67
			For >50 To 100, Deduct	-20.15	
			For >100, Deduct	-28.74	
08 14 16 00-0400	EA		2'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	343.40	59.67
			For >50 To 100, Deduct	-20.15	
			For >100, Deduct	-28.74	
08 14 16 00-0401	EA		2'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	361.09	62.39
			For >50 To 100, Deduct	-21.17	
			For >100, Deduct	-30.20	
08 14 16 00-0402	EA		2'-8" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	373.43	62.39
			For >50 To 100, Deduct	-21.79	
			For >100, Deduct	-31.13	
08 14 16 00-0403	EA		2'-10" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	379.64	62.39
			For >50 To 100, Deduct	-22.10	
			For >100, Deduct	-31.59	
08 14 16 00-0404	EA		3'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	391.29	65.10
			For >50 To 100, Deduct	-22.82	
			For >100, Deduct	-32.60	
08 14 16 00-0405	EA		3'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	420.01	65.10
			For >50 To 100, Deduct	-24.26	
			For >100, Deduct	-34.76	
08 14 16 00-0406	EA		3'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	448.10	67.81
			For >50 To 100, Deduct	-25.80	
			For >100, Deduct	-37.00	
08 14 16 00-0407	EA		2'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	387.11	59.67
			For >50 To 100, Deduct	-22.34	
			For >100, Deduct	-32.02	
			For 9' Door Height, Add	56.23	
08 14 16 00-0408	EA		2'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	387.11	59.67
			For >50 To 100, Deduct	-22.34	
			For >100, Deduct	-32.02	
			For 9' Door Height, Add	56.23	
08 14 16 00-0409	EA		2'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	407.15	62.39
			For >50 To 100, Deduct	-23.48	
			For >100, Deduct	-33.66	
			For 9' Door Height, Add	59.30	
08 14 16 00-0410	EA		2'-8" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	421.92	62.39
			For >50 To 100, Deduct	-24.22	
			For >100, Deduct	-34.76	
			For 9' Door Height, Add	62.40	
08 14 16 00-0411	EA		2'-10" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	429.35	62.39
			For >50 To 100, Deduct	-24.59	
			For >100, Deduct	-35.32	
			For 9' Door Height, Add	63.96	
08 14 16 00-0412	EA		3'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	442.21	65.10
			For >50 To 100, Deduct	-25.37	
			For >100, Deduct	-36.42	
			For 9' Door Height, Add	65.52	
08 14 16 00-0413	EA		3'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	476.51	65.10
			For >50 To 100, Deduct	-27.08	
			For >100, Deduct	-38.99	
			For 9' Door Height, Add	72.73	
08 14 16 00-0414	EA		3'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	509.03	67.81
			For >50 To 100, Deduct	-28.84	
			For >100, Deduct	-41.57	
			For 9' Door Height, Add	78.41	
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	293.15	59.67
			For Stave Lumber Core (SLC), Add	130.34	
			For Structural Composite Lumber Core (SCLC), Add	78.21	
			For >50 To 100, Deduct	-17.64	
			For >100, Deduct	-24.97	
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	293.15	59.67
			For Stave Lumber Core (SLC), Add	130.34	
			For Structural Composite Lumber Core (SCLC), Add	78.21	
			For >50 To 100, Deduct	-17.64	
			For >100, Deduct	-24.97	
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	308.66	62.39
			For Stave Lumber Core (SLC), Add	137.92	
			For Structural Composite Lumber Core (SCLC), Add	82.75	
			For >50 To 100, Deduct	-18.55	
			For >100, Deduct	-26.27	
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	318.73	62.39
			For Stave Lumber Core (SLC), Add	145.47	
			For Structural Composite Lumber Core (SCLC), Add	87.28	
			For >50 To 100, Deduct	-19.06	
			For >100, Deduct	-27.02	



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 00-0420	EA		2'-10" 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	320.57 146.85 88.11 -19.15 -27.16	62.39
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 For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	327.88 148.26 88.96 -19.65 -27.85	65.10
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 For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	349.69 164.62 98.77 -20.74 -29.48	65.10
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 For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	394.88 194.44 116.66 -23.13 -33.01	67.81
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 For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	303.27 137.93 82.76 -18.15 -25.73	59.67
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 For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	303.29 137.95 82.77 -18.15 -25.73	59.67
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 For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	319.37 145.95 87.57 -19.09 -27.07	62.39
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 For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	330.01 153.93 92.36 -19.62 -27.87	62.39
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 For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	331.98 155.41 93.24 -19.72 -28.02	62.39
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 For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	339.39 156.89 94.14 -20.22 -28.71	65.10
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 For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	362.46 174.20 104.52 -21.38 -30.44	65.10
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 For Stave Lumber Core (SLC), Add For Structural Composite Lumber Core (SCLC), Add For >50 To 100, Deduct For >100, Deduct	409.98 205.76 123.46 -23.89 -34.14	67.81
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 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	339.12 164.82 98.89 -19.94 -28.42 46.15	59.67
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 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	339.15 164.84 98.91 -19.94 -28.42 46.16	59.67
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	357.31 174.41 104.64 -20.98 -29.92 48.83	62.39
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	370.03 183.95 110.37 -21.62 -30.87 51.50	62.39

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 00-0436	EA		2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	372.38	62.39
			For Stave Lumber Core (SLC), Add	185.71	
			For Structural Composite Lumber Core (SCLC), Add	111.42	
			For >50 To 100, Deduct	-21.74	
			For >100, Deduct	-31.05	
			For 9' Door Height, Add	52.00	
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.....	380.19	65.10
			For Stave Lumber Core (SLC), Add	187.49	
			For Structural Composite Lumber Core (SCLC), Add	112.50	
			For >50 To 100, Deduct	-22.26	
			For >100, Deduct	-31.77	
			For 9' Door Height, Add	52.50	
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.....	407.77	65.10
			For Stave Lumber Core (SLC), Add	208.18	
			For Structural Composite Lumber Core (SCLC), Add	124.91	
			For >50 To 100, Deduct	-23.64	
			For >100, Deduct	-33.84	
			For 9' Door Height, Add	58.29	
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.....	463.49	67.81
			For Stave Lumber Core (SLC), Add	245.90	
			For Structural Composite Lumber Core (SCLC), Add	147.54	
			For >50 To 100, Deduct	-26.57	
			For >100, Deduct	-38.15	
			For 9' Door Height, Add	68.85	
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.....	306.84	59.67
			For 7 Ply Cold Press Construction, Deduct	-3.75	
			For Stave Lumber Core (SLC), Add	140.61	
			For Structural Composite Lumber Core (SCLC), Add	84.37	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	22.50	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	101.24	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	140.61	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	224.98	
			For >50 To 100, Deduct	-18.33	
			For >100, Deduct	-26.00	
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.....	306.84	59.67
			For 7 Ply Cold Press Construction, Deduct	-3.75	
			For Stave Lumber Core (SLC), Add	140.61	
			For Structural Composite Lumber Core (SCLC), Add	84.37	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	22.50	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	101.24	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	140.61	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	224.98	
			For >50 To 100, Deduct	-18.33	
			For >100, Deduct	-26.00	
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.....	302.38	62.39
			For 7 Ply Cold Press Construction, Deduct	-3.55	
			For Stave Lumber Core (SLC), Add	133.21	
			For Structural Composite Lumber Core (SCLC), Add	79.92	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	21.31	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	95.91	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	133.21	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	213.13	
			For >50 To 100, Deduct	-18.24	
			For >100, Deduct	-25.80	
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.....	309.78	62.39
			For 7 Ply Cold Press Construction, Deduct	-3.70	
			For Stave Lumber Core (SLC), Add	138.76	
			For Structural Composite Lumber Core (SCLC), Add	83.25	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	22.20	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	99.91	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	138.76	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	222.01	
			For >50 To 100, Deduct	-18.61	
			For >100, Deduct	-26.35	
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.....	314.73	62.39
			For 7 Ply Cold Press Construction, Deduct	-3.80	
			For Stave Lumber Core (SLC), Add	142.47	
			For Structural Composite Lumber Core (SCLC), Add	85.48	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	22.80	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	102.58	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	142.47	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	227.95	
			For >50 To 100, Deduct	-18.86	
			For >100, Deduct	-26.72	



		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 00-0447	EA 3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	325.09		65.10
	For 7 Ply Cold Press Construction, Deduct	-3.90		
	For Stave Lumber Core (SLC), Add	146.17		
	For Structural Composite Lumber Core (SCLC), Add	87.70		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	23.39		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	105.24		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	146.17		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	233.87		
	For >50 To 100, Deduct	-19.51		
	For >100, Deduct	-27.64		
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.....	346.52		65.10
	For 7 Ply Cold Press Construction, Deduct	-4.33		
	For Stave Lumber Core (SLC), Add	162.24		
	For Structural Composite Lumber Core (SCLC), Add	97.34		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	25.96		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	116.81		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	162.24		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	259.58		
	For >50 To 100, Deduct	-20.58		
	For >100, Deduct	-29.24		
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.....	398.26		67.81
	For 7 Ply Cold Press Construction, Deduct	-5.25		
	For Stave Lumber Core (SLC), Add	196.97		
	For Structural Composite Lumber Core (SCLC), Add	118.18		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	31.52		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	141.82		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	196.97		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	315.16		
	For >50 To 100, Deduct	-23.30		
	For >100, Deduct	-33.26		
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.....	411.39		67.81
	For 7 Ply Cold Press Construction, Deduct	-5.52		
	For Stave Lumber Core (SLC), Add	206.82		
	For Structural Composite Lumber Core (SCLC), Add	124.09		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	33.09		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	148.91		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	206.82		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	330.91		
	For >50 To 100, Deduct	-23.96		
	For >100, Deduct	-34.25		
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.....	448.50		73.24
	For 7 Ply Cold Press Construction, Deduct	-6.04		
	For Stave Lumber Core (SLC), Add	226.52		
	For Structural Composite Lumber Core (SCLC), Add	135.91		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	36.24		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	163.09		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	226.52		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	362.42		
	For >50 To 100, Deduct	-26.09		
	For >100, Deduct	-37.30		
08 14 16 00-0452	EA 2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	297.97		59.67
	For 7 Ply Cold Press Construction, Deduct	-3.57		
	For Stave Lumber Core (SLC), Add	133.96		
	For Structural Composite Lumber Core (SCLC), Add	80.37		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	21.43		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	96.45		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	133.96		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	214.33		
	For >50 To 100, Deduct	-17.88		
	For >100, Deduct	-25.33		
08 14 16 00-0453	EA 2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	297.97		59.67
	For 7 Ply Cold Press Construction, Deduct	-3.57		
	For Stave Lumber Core (SLC), Add	133.96		
	For Structural Composite Lumber Core (SCLC), Add	80.37		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	21.43		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	96.45		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	133.96		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	214.33		
	For >50 To 100, Deduct	-17.88		
	For >100, Deduct	-25.33		
08 14 16 00-0454	EA 2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	312.72		62.39
	For 7 Ply Cold Press Construction, Deduct	-3.76		
	For Stave Lumber Core (SLC), Add	140.96		
	For Structural Composite Lumber Core (SCLC), Add	84.58		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	22.55		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	101.49		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	140.96		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	225.54		
	For >50 To 100, Deduct	-18.76		
	For >100, Deduct	-26.57		

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 00-0455	EA		2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	320.55	62.39
			For 7 Ply Cold Press Construction, Deduct	-3.92	
			For Stave Lumber Core (SLC), Add	146.84	
			For Structural Composite Lumber Core (SCLC), Add	88.10	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	23.49	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	105.72	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	146.84	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	234.94	
			For >50 To 100, Deduct	-19.15	
			For >100, Deduct	-27.16	
08 14 16 00-0456	EA		2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	325.78	62.39
			For 7 Ply Cold Press Construction, Deduct	-4.02	
			For Stave Lumber Core (SLC), Add	150.76	
			For Structural Composite Lumber Core (SCLC), Add	90.45	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	24.12	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	108.55	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	150.76	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	241.21	
			For >50 To 100, Deduct	-19.41	
			For >100, Deduct	-27.55	
08 14 16 00-0457	EA		3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	336.42	65.10
			For 7 Ply Cold Press Construction, Deduct	-4.12	
			For Stave Lumber Core (SLC), Add	154.67	
			For Structural Composite Lumber Core (SCLC), Add	92.80	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	24.75	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	111.36	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	154.67	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	247.46	
			For >50 To 100, Deduct	-20.08	
			For >100, Deduct	-28.49	
08 14 16 00-0458	EA		3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	359.11	65.10
			For 7 Ply Cold Press Construction, Deduct	-4.58	
			For Stave Lumber Core (SLC), Add	171.68	
			For Structural Composite Lumber Core (SCLC), Add	103.01	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	27.47	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	123.61	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	171.68	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	274.69	
			For >50 To 100, Deduct	-21.21	
			For >100, Deduct	-30.19	
08 14 16 00-0459	EA		3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	413.55	67.81
			For 7 Ply Cold Press Construction, Deduct	-5.56	
			For Stave Lumber Core (SLC), Add	208.44	
			For Structural Composite Lumber Core (SCLC), Add	125.06	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	33.35	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	150.08	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	208.44	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	333.50	
			For >50 To 100, Deduct	-24.07	
			For >100, Deduct	-34.41	
08 14 16 00-0460	EA		3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	427.45	67.81
			For 7 Ply Cold Press Construction, Deduct	-5.84	
			For Stave Lumber Core (SLC), Add	218.87	
			For Structural Composite Lumber Core (SCLC), Add	131.32	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	35.02	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	157.58	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	218.87	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	350.18	
			For >50 To 100, Deduct	-24.76	
			For >100, Deduct	-35.45	
08 14 16 00-0461	EA		4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	466.08	73.24
			For 7 Ply Cold Press Construction, Deduct	-6.39	
			For Stave Lumber Core (SLC), Add	239.70	
			For Structural Composite Lumber Core (SCLC), Add	143.82	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	38.35	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	172.58	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	239.70	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	383.52	
			For >50 To 100, Deduct	-26.97	
			For >100, Deduct	-38.62	
08 14 16 00-0462	EA		2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	356.44	59.67
			For 7 Ply Cold Press Construction, Deduct	-4.74	
			For Stave Lumber Core (SLC), Add	177.81	
			For Structural Composite Lumber Core (SCLC), Add	106.69	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	28.45	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	128.02	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	177.81	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	284.50	
			For >50 To 100, Deduct	-20.81	
			For >100, Deduct	-29.72	
			For 9' Door Height, Add	49.79	



		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 00-0463	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	.....	356.44	59.67
		For 7 Ply Cold Press Construction, Deduct	.....	-4.74	
		For Stave Lumber Core (SLC), Add	.....	177.61	
		For Structural Composite Lumber Core (SCLC), Add	.....	106.69	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	.....	28.45	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	.....	128.02	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	.....	177.81	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	.....	284.50	
		For >50 To 100, Deduct	.....	-20.81	
		For >100, Deduct	.....	-29.72	
		For 9' Door Height, Add	.....	49.79	
08 14 16 00-0464	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	.....	349.37	62.39
		For 7 Ply Cold Press Construction, Deduct	.....	-4.49	
		For Stave Lumber Core (SLC), Add	.....	168.45	
		For Structural Composite Lumber Core (SCLC), Add	.....	101.07	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	.....	26.95	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	.....	121.28	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	.....	168.45	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	.....	269.52	
		For >50 To 100, Deduct	.....	-20.59	
		For >100, Deduct	.....	-29.32	
		For 9' Door Height, Add	.....	47.17	
08 14 16 00-0465	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	.....	358.72	62.39
		For 7 Ply Cold Press Construction, Deduct	.....	-4.68	
		For Stave Lumber Core (SLC), Add	.....	175.46	
		For Structural Composite Lumber Core (SCLC), Add	.....	105.28	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	.....	28.07	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	.....	126.33	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	.....	175.46	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	.....	280.74	
		For >50 To 100, Deduct	.....	-21.06	
		For >100, Deduct	.....	-30.02	
		For 9' Door Height, Add	.....	49.13	
08 14 16 00-0466	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	.....	364.97	62.39
		For 7 Ply Cold Press Construction, Deduct	.....	-4.80	
		For Stave Lumber Core (SLC), Add	.....	180.15	
		For Structural Composite Lumber Core (SCLC), Add	.....	108.09	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	.....	28.82	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	.....	129.71	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	.....	180.15	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	.....	288.24	
		For >50 To 100, Deduct	.....	-21.37	
		For >100, Deduct	.....	-30.49	
		For 9' Door Height, Add	.....	50.44	
08 14 16 00-0467	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	.....	376.63	65.10
		For 7 Ply Cold Press Construction, Deduct	.....	-4.93	
		For Stave Lumber Core (SLC), Add	.....	184.82	
		For Structural Composite Lumber Core (SCLC), Add	.....	110.89	
		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	.....	133.07	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	.....	184.82	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	.....	295.72	
		For >50 To 100, Deduct	.....	-22.09	
		For >100, Deduct	.....	-31.50	
		For 9' Door Height, Add	.....	51.75	
08 14 16 00-0468	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	.....	403.74	65.10
		For 7 Ply Cold Press Construction, Deduct	.....	-5.47	
		For Stave Lumber Core (SLC), Add	.....	205.16	
		For Structural Composite Lumber Core (SCLC), Add	.....	123.09	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	.....	32.82	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	.....	147.71	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	.....	205.16	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	.....	328.25	
		For >50 To 100, Deduct	.....	-23.44	
		For >100, Deduct	.....	-33.54	
		For 9' Door Height, Add	.....	57.44	
08 14 16 00-0469	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	.....	467.74	67.81
		For 7 Ply Cold Press Construction, Deduct	.....	-6.64	
		For Stave Lumber Core (SLC), Add	.....	249.08	
		For Structural Composite Lumber Core (SCLC), Add	.....	149.45	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	.....	39.85	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	.....	179.34	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	.....	249.08	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	.....	398.53	
		For >50 To 100, Deduct	.....	-26.78	
		For >100, Deduct	.....	-38.47	
		For 9' Door Height, Add	.....	69.74	

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 00-0470	EA		3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	484.34	67.81
			For 7 Ply Cold Press Construction, Deduct	-6.97	
			For Stave Lumber Core (SLC), Add	261.53	
			For Structural Composite Lumber Core (SCLC), Add	156.92	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	41.85	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	188.30	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	261.53	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	418.45	
			For >50 To 100, Deduct	-27.61	
			For >100, Deduct	-39.72	
			For 9' Door Height, Add	73.23	
08 14 16 00-0471	EA		4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	528.40	73.24
			For 7 Ply Cold Press Construction, Deduct	-7.64	
			For Stave Lumber Core (SLC), Add	286.44	
			For Structural Composite Lumber Core (SCLC), Add	171.86	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	45.83	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	206.24	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	286.44	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	458.30	
			For >50 To 100, Deduct	-30.08	
			For >100, Deduct	-43.29	
			For 9' Door Height, Add	80.20	
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	466.26	59.67
			For 7 Ply Cold Press Construction, Deduct	-6.94	
			For Stave Lumber Core (SLC), Add	260.18	
			For Structural Composite Lumber Core (SCLC), Add	156.11	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	41.63	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	187.33	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	260.18	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	416.28	
			For >50 To 100, Deduct	-26.30	
			For >100, Deduct	-37.95	
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	466.26	59.67
			For 7 Ply Cold Press Construction, Deduct	-6.94	
			For Stave Lumber Core (SLC), Add	260.18	
			For Structural Composite Lumber Core (SCLC), Add	156.11	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	41.63	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	187.33	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	260.18	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	416.28	
			For >50 To 100, Deduct	-26.30	
			For >100, Deduct	-37.95	
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	471.67	62.39
			For 7 Ply Cold Press Construction, Deduct	-6.94	
			For Stave Lumber Core (SLC), Add	260.18	
			For Structural Composite Lumber Core (SCLC), Add	156.11	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	41.63	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	187.33	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	260.18	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	416.28	
			For >50 To 100, Deduct	-26.70	
			For >100, Deduct	-38.49	
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	475.23	62.39
			For 7 Ply Cold Press Construction, Deduct	-7.01	
			For Stave Lumber Core (SLC), Add	262.85	
			For Structural Composite Lumber Core (SCLC), Add	157.71	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	42.06	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	189.25	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	262.85	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	420.55	
			For >50 To 100, Deduct	-26.88	
			For >100, Deduct	-38.76	
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	476.84	62.39
			For 7 Ply Cold Press Construction, Deduct	-7.04	
			For Stave Lumber Core (SLC), Add	264.05	
			For Structural Composite Lumber Core (SCLC), Add	158.43	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	42.25	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	190.12	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	264.05	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	422.48	
			For >50 To 100, Deduct	-26.96	
			For >100, Deduct	-38.88	
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	483.88	65.10
			For 7 Ply Cold Press Construction, Deduct	-7.07	
			For Stave Lumber Core (SLC), Add	265.26	
			For Structural Composite Lumber Core (SCLC), Add	159.16	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	42.44	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	190.99	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	265.26	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	424.42	
			For >50 To 100, Deduct	-27.45	
			For >100, Deduct	-39.55	



		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 00-0479	EA 3'-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	522.73 -7.85 294.40 176.64 47.10 211.97 294.40 471.04 -29.39 -42.46		65.10
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 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	628.19 -9.85 369.42 221.65 59.11 265.98 369.42 591.07 -34.80 -50.51		67.81
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 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	653.17 -10.35 388.16 232.89 62.10 279.47 388.16 621.05 -36.05 -52.38		67.81
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 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	712.94 -11.33 424.85 254.91 67.98 305.89 424.85 679.75 -39.31 -57.13		73.24
08 14 16 00-0483	EA 2'-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	486.43 -7.34 275.30 165.18 44.05 198.22 275.30 440.48 -27.31 -39.47		59.67
08 14 16 00-0484	EA 2'-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	486.43 -7.34 275.30 165.18 44.05 198.22 275.30 440.48 -27.31 -39.47		59.67
08 14 16 00-0485	EA 2'-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	491.84 -7.34 275.30 165.18 44.05 198.22 275.30 440.48 -27.71 -40.01		62.39
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	495.61 -7.42 278.13 166.88 44.50 200.25 278.13 445.01 -27.90 -40.29		62.39

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 00-0487	EA		2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	497.33	62.39
			For 7 Ply Cold Press Construction, Deduct	-7.45	
			For Stave Lumber Core (SLC), Add	279.42	
			For Structural Composite Lumber Core (SCLC), Add	167.65	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	44.71	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	201.18	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	279.42	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	447.07	
			For >50 To 100, Deduct	-27.99	
			For >100, Deduct	-40.42	
08 14 16 00-0488	EA		3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	504.47	65.10
			For 7 Ply Cold Press Construction, Deduct	-7.49	
			For Stave Lumber Core (SLC), Add	280.70	
			For Structural Composite Lumber Core (SCLC), Add	168.42	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	44.91	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	202.11	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	280.70	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	449.12	
			For >50 To 100, Deduct	-28.48	
			For >100, Deduct	-41.09	
08 14 16 00-0489	EA		3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	545.58	65.10
			For 7 Ply Cold Press Construction, Deduct	-8.31	
			For Stave Lumber Core (SLC), Add	311.54	
			For Structural Composite Lumber Core (SCLC), Add	186.92	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	49.85	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	224.31	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	311.54	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	498.46	
			For >50 To 100, Deduct	-30.53	
			For >100, Deduct	-44.17	
08 14 16 00-0490	EA		3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	656.87	67.81
			For 7 Ply Cold Press Construction, Deduct	-10.42	
			For Stave Lumber Core (SLC), Add	390.93	
			For Structural Composite Lumber Core (SCLC), Add	234.56	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	62.55	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	281.47	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	390.93	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	625.49	
			For >50 To 100, Deduct	-36.23	
			For >100, Deduct	-52.66	
08 14 16 00-0491	EA		3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	683.28	67.81
			For 7 Ply Cold Press Construction, Deduct	-10.95	
			For Stave Lumber Core (SLC), Add	410.74	
			For Structural Composite Lumber Core (SCLC), Add	246.44	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	65.72	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	295.73	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	410.74	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	657.18	
			For >50 To 100, Deduct	-37.55	
			For >100, Deduct	-54.64	
08 14 16 00-0492	EA		4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	745.89	73.24
			For 7 Ply Cold Press Construction, Deduct	-11.99	
			For Stave Lumber Core (SLC), Add	449.56	
			For Structural Composite Lumber Core (SCLC), Add	269.73	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	71.93	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	323.68	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	449.56	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	719.29	
			For >50 To 100, Deduct	-40.96	
			For >100, Deduct	-59.60	
08 14 16 00-0493	EA		2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	558.00	59.67
			For 7 Ply Cold Press Construction, Deduct	-8.77	
			For Stave Lumber Core (SLC), Add	328.98	
			For Structural Composite Lumber Core (SCLC), Add	197.39	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	52.64	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	236.87	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	328.98	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	526.37	
			For >50 To 100, Deduct	-30.88	
			For >100, Deduct	-44.83	
			For 9' Door Height, Add	92.11	
08 14 16 00-0494	EA		2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	558.00	59.67
			For 7 Ply Cold Press Construction, Deduct	-8.77	
			For Stave Lumber Core (SLC), Add	328.98	
			For Structural Composite Lumber Core (SCLC), Add	197.39	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	52.64	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	236.87	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	328.98	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	526.37	
			For >50 To 100, Deduct	-30.88	
			For >100, Deduct	-44.83	
			For 9' Door Height, Add	92.11	



		Openings	08
		Doors and Frames	08 10
		Wood Doors	08 14

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0495	EA		2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	563.41	62.39
			For 7 Ply Cold Press Construction, Deduct	-8.77	
			For Stave Lumber Core (SLC), Add	328.98	
			For Structural Composite Lumber Core (SCLC), Add	197.39	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	52.64	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	236.87	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	328.98	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	526.37	
			For >50 To 100, Deduct	-31.29	
			For >100, Deduct	-45.38	
			For 9' Door Height, Add	92.11	
08 14 16 00-0496	EA		2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	567.93	62.39
			For 7 Ply Cold Press Construction, Deduct	-8.86	
			For Stave Lumber Core (SLC), Add	332.37	
			For Structural Composite Lumber Core (SCLC), Add	199.42	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	53.18	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	239.31	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	332.37	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	531.79	
			For >50 To 100, Deduct	-31.52	
			For >100, Deduct	-45.71	
			For 9' Door Height, Add	93.06	
08 14 16 00-0497	EA		2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	569.99	62.39
			For 7 Ply Cold Press Construction, Deduct	-8.90	
			For Stave Lumber Core (SLC), Add	333.92	
			For Structural Composite Lumber Core (SCLC), Add	200.35	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	53.43	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	240.42	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	333.92	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	534.26	
			For >50 To 100, Deduct	-31.62	
			For >100, Deduct	-45.87	
			For 9' Door Height, Add	93.50	
08 14 16 00-0498	EA		3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	577.44	65.10
			For 7 Ply Cold Press Construction, Deduct	-8.94	
			For Stave Lumber Core (SLC), Add	335.43	
			For Structural Composite Lumber Core (SCLC), Add	201.26	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	53.67	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	241.51	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	335.43	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	536.69	
			For >50 To 100, Deduct	-32.13	
			For >100, Deduct	-46.56	
			For 9' Door Height, Add	93.92	
08 14 16 00-0499	EA		3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	626.56	65.10
			For 7 Ply Cold Press Construction, Deduct	-9.93	
			For Stave Lumber Core (SLC), Add	372.27	
			For Structural Composite Lumber Core (SCLC), Add	223.36	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	59.56	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	268.03	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	372.27	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	595.63	
			For >50 To 100, Deduct	-34.58	
			For >100, Deduct	-50.25	
			For 9' Door Height, Add	104.24	
08 14 16 00-0500	EA		3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	758.51	67.81
			For 7 Ply Cold Press Construction, Deduct	-12.46	
			For Stave Lumber Core (SLC), Add	467.16	
			For Structural Composite Lumber Core (SCLC), Add	280.30	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	74.75	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	336.36	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	467.16	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	747.46	
			For >50 To 100, Deduct	-41.32	
			For >100, Deduct	-60.28	
			For 9' Door Height, Add	130.80	
08 14 16 00-0501	EA		3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	790.06	67.81
			For 7 Ply Cold Press Construction, Deduct	-13.09	
			For Stave Lumber Core (SLC), Add	490.82	
			For Structural Composite Lumber Core (SCLC), Add	294.49	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	78.53	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	353.39	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	490.82	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	785.32	
			For >50 To 100, Deduct	-42.89	
			For >100, Deduct	-62.65	
			For 9' Door Height, Add	137.43	

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 00-0502	EA	4'-0" x 8' x 1-3/4" 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 Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	862.78 -14.33 537.23 322.34 85.96 386.80 537.23 859.56 -46.80 -68.37 150.42	73.24
08 14 16 00-0503 Mahogany 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), Mahogany Faced Wood Door	516.00	59.67
08 14 16 00-0505	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	516.00	59.67
08 14 16 00-0506	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	521.41	62.39
08 14 16 00-0507	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	525.49	62.39
08 14 16 00-0508	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	527.34	62.39
08 14 16 00-0509	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	534.62	65.10
08 14 16 00-0510	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	579.01	65.10
08 14 16 00-0511	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	698.83	67.81
08 14 16 00-0512	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	727.40	67.81
08 14 16 00-0513	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	783.31	67.81
08 14 16 00-0514	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	539.09	59.67
08 14 16 00-0515	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	539.09	59.67
08 14 16 00-0516	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	544.50	62.39
08 14 16 00-0517	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	548.82	62.39
08 14 16 00-0518	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	550.77	62.39
08 14 16 00-0519	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	558.15	65.10
08 14 16 00-0520	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	605.15	65.10
08 14 16 00-0521	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	731.62	67.81
08 14 16 00-0522	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	761.93	67.81
08 14 16 00-0523	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	821.00	67.81
08 14 16 00-0524	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	620.90	59.67
08 14 16 00-0525	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	620.90	59.67
08 14 16 00-0526	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	626.31	62.39
08 14 16 00-0527	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	631.48	62.39
08 14 16 00-0528	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	633.84	62.39
08 14 16 00-0529	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	641.57	65.10
08 14 16 00-0530	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	697.75	65.10
08 14 16 00-0531	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	847.85	67.81
08 14 16 00-0532	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	883.93	67.81
08 14 16 00-0533	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Mahogany Faced Wood Door	954.67	67.81
08 14 16 00-0534 Maple 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), 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 Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	423.23 -6.08 227.90 136.74 36.46 164.09 227.90 364.64 -24.15 -34.73	59.67
08 14 16 00-0536	EA	2'-4" x 6'-8" x 1-3/4" 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 Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	423.23 -6.08 227.90 136.74 36.46 164.09 227.90 364.64 -24.15 -34.73	59.67
08 14 16 00-0537	EA	2'-6" x 6'-8" x 1-3/4" 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 Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	428.64 -6.08 227.90 136.74 36.46 164.09 227.90 364.64 -24.55 -35.27	62.39



		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 00-0538	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	431.77 -6.14 230.25 138.15 36.84 165.78 230.25 368.40 -24.71 -35.50		62.39
08 14 16 00-0539	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	433.17 -6.17 231.30 138.78 37.01 166.54 231.30 370.08 -24.78 -35.61		62.39
08 14 16 00-0540	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	440.02 -6.20 232.37 139.42 37.18 167.30 232.37 371.78 -25.26 -36.26		65.10
08 14 16 00-0541	EA 3'-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	474.06 -6.88 257.90 154.74 41.26 185.68 257.90 412.63 -26.96 -38.81		65.10
08 14 16 00-0542	EA 3'-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	545.54 -8.20 307.43 184.46 49.19 221.35 307.43 491.89 -30.67 -44.31		67.81
08 14 16 00-0543	EA 3'-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	588.67 -9.06 339.78 203.87 54.36 244.64 339.78 543.65 -32.82 -47.54		67.81
08 14 16 00-0544	EA 4'-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	631.86 -9.92 372.17 223.30 59.55 267.96 372.17 595.48 -34.98 -50.78		67.81
08 14 16 00-0545	EA 2'-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	440.91 -6.43 241.16 144.70 38.59 173.64 241.16 385.86 -25.03 -36.05		59.67

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 00-0546	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	440.91	59.67
		For 7 Ply Cold Press Construction, Deduct	-6.43	
		For Stave Lumber Core (SLC), Add	241.16	
		For Structural Composite Lumber Core (SCLC), Add	144.70	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	38.59	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	173.64	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	241.16	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	385.86	
		For >50 To 100, Deduct	-25.03	
		For >100, Deduct	-36.05	
08 14 16 00-0547	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	446.32	62.39
		For 7 Ply Cold Press Construction, Deduct	-6.43	
		For Stave Lumber Core (SLC), Add	241.16	
		For Structural Composite Lumber Core (SCLC), Add	144.70	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	38.59	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	173.64	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	241.16	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	385.86	
		For >50 To 100, Deduct	-25.44	
		For >100, Deduct	-36.59	
08 14 16 00-0548	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	449.62	62.39
		For 7 Ply Cold Press Construction, Deduct	-6.50	
		For Stave Lumber Core (SLC), Add	243.64	
		For Structural Composite Lumber Core (SCLC), Add	146.18	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	38.98	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	175.42	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	243.64	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	389.82	
		For >50 To 100, Deduct	-25.60	
		For >100, Deduct	-36.84	
08 14 16 00-0549	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	451.12	62.39
		For 7 Ply Cold Press Construction, Deduct	-6.53	
		For Stave Lumber Core (SLC), Add	244.76	
		For Structural Composite Lumber Core (SCLC), Add	146.86	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	39.16	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	176.23	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	244.76	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	391.62	
		For >50 To 100, Deduct	-25.68	
		For >100, Deduct	-36.95	
08 14 16 00-0550	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	458.05	65.10
		For 7 Ply Cold Press Construction, Deduct	-6.56	
		For Stave Lumber Core (SLC), Add	245.89	
		For Structural Composite Lumber Core (SCLC), Add	147.53	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	39.34	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	177.04	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	245.89	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	393.42	
		For >50 To 100, Deduct	-26.16	
		For >100, Deduct	-37.61	
08 14 16 00-0551	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	494.07	65.10
		For 7 Ply Cold Press Construction, Deduct	-7.28	
		For Stave Lumber Core (SLC), Add	272.90	
		For Structural Composite Lumber Core (SCLC), Add	163.74	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	43.66	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	196.49	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	272.90	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	436.64	
		For >50 To 100, Deduct	-27.96	
		For >100, Deduct	-40.31	
08 14 16 00-0552	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	569.39	67.81
		For 7 Ply Cold Press Construction, Deduct	-8.68	
		For Stave Lumber Core (SLC), Add	325.32	
		For Structural Composite Lumber Core (SCLC), Add	195.19	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	52.05	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	234.23	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	325.32	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	520.51	
		For >50 To 100, Deduct	-31.86	
		For >100, Deduct	-46.10	
08 14 16 00-0553	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	615.06	67.81
		For 7 Ply Cold Press Construction, Deduct	-9.59	
		For Stave Lumber Core (SLC), Add	359.57	
		For Structural Composite Lumber Core (SCLC), Add	215.74	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	57.53	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	258.89	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	359.57	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	575.32	
		For >50 To 100, Deduct	-34.14	
		For >100, Deduct	-49.52	



		Openings	08
		Doors and Frames	08 10
		Wood Doors	08 14

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0554	EA		4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	660.75	67.81
			For 7 Ply Cold Press Construction, Deduct	-10.50	
			For Stave Lumber Core (SLC), Add	393.84	
			For Structural Composite Lumber Core (SCLC), Add	236.30	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	63.01	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	283.56	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	393.84	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	630.14	
			For >50 To 100, Deduct	-36.43	
			For >100, Deduct	-52.95	
08 14 16 00-0555	EA		2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	503.61	59.67
			For 7 Ply Cold Press Construction, Deduct	-7.69	
			For Stave Lumber Core (SLC), Add	288.19	
			For Structural Composite Lumber Core (SCLC), Add	172.91	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	46.11	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	207.50	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	288.19	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	461.10	
			For >50 To 100, Deduct	-28.16	
			For >100, Deduct	-40.75	
			For 9' Door Height, Add	80.69	
08 14 16 00-0556	EA		2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	503.61	59.67
			For 7 Ply Cold Press Construction, Deduct	-7.69	
			For Stave Lumber Core (SLC), Add	288.19	
			For Structural Composite Lumber Core (SCLC), Add	172.91	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	46.11	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	207.50	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	288.19	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	461.10	
			For >50 To 100, Deduct	-28.16	
			For >100, Deduct	-40.75	
			For 9' Door Height, Add	80.69	
08 14 16 00-0557	EA		2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	509.02	62.39
			For 7 Ply Cold Press Construction, Deduct	-7.69	
			For Stave Lumber Core (SLC), Add	288.19	
			For Structural Composite Lumber Core (SCLC), Add	172.91	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	46.11	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	207.50	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	288.19	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	461.10	
			For >50 To 100, Deduct	-28.57	
			For >100, Deduct	-41.30	
			For 9' Door Height, Add	80.69	
08 14 16 00-0558	EA		2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	512.97	62.39
			For 7 Ply Cold Press Construction, Deduct	-7.76	
			For Stave Lumber Core (SLC), Add	291.15	
			For Structural Composite Lumber Core (SCLC), Add	174.69	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	46.58	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	209.63	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	291.15	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	465.84	
			For >50 To 100, Deduct	-28.77	
			For >100, Deduct	-41.59	
			For 9' Door Height, Add	81.52	
08 14 16 00-0559	EA		2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	514.77	62.39
			For 7 Ply Cold Press Construction, Deduct	-7.80	
			For Stave Lumber Core (SLC), Add	292.50	
			For Structural Composite Lumber Core (SCLC), Add	175.50	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	46.80	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	210.60	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	292.50	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	468.00	
			For >50 To 100, Deduct	-28.86	
			For >100, Deduct	-41.73	
			For 9' Door Height, Add	81.90	
08 14 16 00-0560	EA		3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	521.98	65.10
			For 7 Ply Cold Press Construction, Deduct	-7.84	
			For Stave Lumber Core (SLC), Add	293.84	
			For Structural Composite Lumber Core (SCLC), Add	176.30	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	47.01	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	211.56	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	293.84	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	470.14	
			For >50 To 100, Deduct	-29.35	
			For >100, Deduct	-42.40	
			For 9' Door Height, Add	82.27	
08 14 16 00-0561	EA		3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	565.01	65.10
			For 7 Ply Cold Press Construction, Deduct	-8.70	
			For Stave Lumber Core (SLC), Add	326.11	
			For Structural Composite Lumber Core (SCLC), Add	195.66	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	52.18	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	234.80	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	326.11	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	521.77	
			For >50 To 100, Deduct	-31.51	
			For >100, Deduct	-45.63	
			For 9' Door Height, Add	91.31	

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 00-0562	EA		3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	653.97	67.81
			For 7 Ply Cold Press Construction, Deduct	-10.37	
			For Stave Lumber Core (SLC), Add	388.76	
			For Structural Composite Lumber Core (SCLC), Add	233.25	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	62.20	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	279.90	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	388.76	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	622.01	
			For >50 To 100, Deduct	-36.09	
			For >100, Deduct	-52.44	
			For 9' Door Height, Add	108.85	
08 14 16 00-0563	EA		3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	708.54	67.81
			For 7 Ply Cold Press Construction, Deduct	-11.46	
			For Stave Lumber Core (SLC), Add	429.68	
			For Structural Composite Lumber Core (SCLC), Add	257.81	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	68.75	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	309.37	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	429.68	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	687.49	
			For >50 To 100, Deduct	-38.82	
			For >100, Deduct	-56.53	
			For 9' Door Height, Add	120.31	
08 14 16 00-0564	EA		4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	763.13	67.81
			For 7 Ply Cold Press Construction, Deduct	-12.55	
			For Stave Lumber Core (SLC), Add	470.63	
			For Structural Composite Lumber Core (SCLC), Add	282.38	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	75.30	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	338.85	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	470.63	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	753.00	
			For >50 To 100, Deduct	-41.55	
			For >100, Deduct	-60.63	
			For 9' Door Height, Add	131.78	
08 14 16 00-0565 Cherry Faced Wood Doors (08 14 16 00-0440)					
08 14 16 00-0566	EA		2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door.....	585.99	59.67
08 14 16 00-0567	EA		2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door.....	585.99	59.67
08 14 16 00-0568	EA		2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door.....	591.40	62.39
08 14 16 00-0569	EA		2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door.....	596.19	62.39
08 14 16 00-0570	EA		2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door.....	598.39	62.39
08 14 16 00-0571	EA		3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door.....	605.98	65.10
08 14 16 00-0572	EA		3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door.....	658.22	65.10
08 14 16 00-0573	EA		3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door.....	798.21	67.81
08 14 16 00-0574	EA		3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door.....	831.82	67.81
08 14 16 00-0575	EA		4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door.....	897.63	67.81
08 14 16 00-0576	EA		2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door.....	613.15	59.67
08 14 16 00-0577	EA		2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door.....	613.15	59.67
08 14 16 00-0578	EA		2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door.....	618.56	62.39
08 14 16 00-0579	EA		2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door.....	623.63	62.39
08 14 16 00-0580	EA		2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door.....	625.93	62.39
08 14 16 00-0581	EA		3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door.....	633.66	65.10
08 14 16 00-0582	EA		3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door.....	688.98	65.10
08 14 16 00-0583	EA		3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door.....	836.79	67.81
08 14 16 00-0584	EA		3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door.....	872.45	67.81
08 14 16 00-0585	EA		4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door.....	941.96	67.81
08 14 16 00-0586	EA		2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door.....	709.42	59.67
08 14 16 00-0587	EA		2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door.....	709.42	59.67
08 14 16 00-0588	EA		2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door.....	714.83	62.39
08 14 16 00-0589	EA		2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door.....	720.93	62.39
08 14 16 00-0590	EA		2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door.....	723.67	62.39
08 14 16 00-0591	EA		3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door.....	731.84	65.10
08 14 16 00-0592	EA		3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door.....	797.92	65.10
08 14 16 00-0593	EA		3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door.....	973.51	67.81
08 14 16 00-0594	EA		3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door.....	1,015.96	67.81
08 14 16 00-0595	EA		4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Cherry Faced Wood Door.....	1,099.20	67.81
08 14 16 00-0596 Walnut Faced 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), Walnut Faced Wood Door.....	651.59	59.67
			For 7 Ply Cold Press Construction, Deduct	-10.64	
			For Stave Lumber Core (SLC), Add	399.17	
			For Structural Composite Lumber Core (SCLC), Add	239.50	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	63.87	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	287.40	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	399.17	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	638.68	
			For >50 To 100, Deduct	-35.56	
			For >100, Deduct	-51.85	



		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 00-0598	EA 2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	651.59		59.67
	For 7 Ply Cold Press Construction, Deduct	-10.64		
	For Stave Lumber Core (SLC), Add	399.17		
	For Structural Composite Lumber Core (SCLC), Add	239.50		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	63.87		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	287.40		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	399.17		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	638.68		
	For >50 To 100, Deduct	-35.56		
	For >100, Deduct	-51.85		
08 14 16 00-0599	EA 2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	657.17		62.39
	For 7 Ply Cold Press Construction, Deduct	-10.65		
	For Stave Lumber Core (SLC), Add	399.30		
	For Structural Composite Lumber Core (SCLC), Add	239.58		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	63.89		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	287.50		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	399.30		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	638.88		
	For >50 To 100, Deduct	-35.98		
	For >100, Deduct	-52.41		
08 14 16 00-0600	EA 2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	662.65		62.39
	For 7 Ply Cold Press Construction, Deduct	-10.76		
	For Stave Lumber Core (SLC), Add	403.41		
	For Structural Composite Lumber Core (SCLC), Add	242.05		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	64.55		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	290.46		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	403.41		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	645.46		
	For >50 To 100, Deduct	-36.25		
	For >100, Deduct	-52.82		
08 14 16 00-0601	EA 2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	677.01		62.39
	For 7 Ply Cold Press Construction, Deduct	-11.04		
	For Stave Lumber Core (SLC), Add	414.18		
	For Structural Composite Lumber Core (SCLC), Add	248.51		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	66.27		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	298.21		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	414.18		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	662.69		
	For >50 To 100, Deduct	-36.97		
	For >100, Deduct	-53.90		
08 14 16 00-0602	EA 3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	696.76		65.10
	For 7 Ply Cold Press Construction, Deduct	-11.33		
	For Stave Lumber Core (SLC), Add	424.92		
	For Structural Composite Lumber Core (SCLC), Add	254.95		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	67.99		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	305.94		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	424.92		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	679.87		
	For >50 To 100, Deduct	-38.09		
	For >100, Deduct	-55.51		
08 14 16 00-0603	EA 3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	733.96		65.10
	For 7 Ply Cold Press Construction, Deduct	-12.08		
	For Stave Lumber Core (SLC), Add	452.82		
	For Structural Composite Lumber Core (SCLC), Add	271.69		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	72.45		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	326.03		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	452.82		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	724.51		
	For >50 To 100, Deduct	-39.95		
	For >100, Deduct	-58.30		
08 14 16 00-0604	EA 3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	896.43		67.81
	For 7 Ply Cold Press Construction, Deduct	-15.22		
	For Stave Lumber Core (SLC), Add	570.60		
	For Structural Composite Lumber Core (SCLC), Add	342.36		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	91.30		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	410.83		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	570.60		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	912.96		
	For >50 To 100, Deduct	-48.21		
	For >100, Deduct	-70.62		
08 14 16 00-0605	EA 3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	934.46		67.81
	For 7 Ply Cold Press Construction, Deduct	-15.98		
	For Stave Lumber Core (SLC), Add	599.12		
	For Structural Composite Lumber Core (SCLC), Add	359.47		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	95.86		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	431.37		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	599.12		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	958.60		
	For >50 To 100, Deduct	-50.11		
	For >100, Deduct	-73.48		

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 00-0606	EA		4'-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	1,010.58 -17.50 656.21 393.73 104.99 472.47 656.21 1,049.94 -53.92 -79.18	67.81
08 14 16 00-0607	EA		2'-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	682.56 -11.26 422.40 253.44 67.58 304.13 422.40 675.84 -37.11 -54.18	59.67
08 14 16 00-0608	EA		2'-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	682.56 -11.26 422.40 253.44 67.58 304.13 422.40 675.84 -37.11 -54.18	59.67
08 14 16 00-0609	EA		2'-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	688.14 -11.27 422.53 253.52 67.60 304.22 422.53 676.04 -37.53 -54.73	62.39
08 14 16 00-0610	EA		2'-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	693.97 -11.38 426.90 256.14 68.30 307.37 426.90 683.04 -37.82 -55.17	62.39
08 14 16 00-0611	EA		2'-10" 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	709.14 -11.69 438.28 262.97 70.12 315.56 438.28 701.24 -38.58 -56.30	62.39
08 14 16 00-0612	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	729.72 -11.99 449.64 269.78 71.94 323.74 449.64 719.42 -39.74 -57.98	65.10
08 14 16 00-0613	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	769.11 -12.78 479.18 287.51 76.67 345.01 479.18 766.69 -41.71 -60.94	65.10



		Openings	08
		Doors and Frames	08 10
		Wood Doors	08 14

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0614	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	.....	940.69	67.81
		For 7 Ply Cold Press Construction, Deduct		-16.10	
		For Stave Lumber Core (SLC), Add		603.80	
		For Structural Composite Lumber Core (SCLC), Add		362.28	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add		96.61	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add		434.73	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add		603.80	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add		966.07	
		For >50 To 100, Deduct		-50.43	
		For >100, Deduct		-73.94	
08 14 16 00-0615	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	.....	980.95	67.81
		For 7 Ply Cold Press Construction, Deduct		-16.91	
		For Stave Lumber Core (SLC), Add		633.99	
		For Structural Composite Lumber Core (SCLC), Add		380.39	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add		101.44	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add		456.47	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add		633.99	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add		1,014.38	
		For >50 To 100, Deduct		-52.44	
		For >100, Deduct		-76.96	
08 14 16 00-0616	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	.....	1,061.49	67.81
		For 7 Ply Cold Press Construction, Deduct		-18.52	
		For Stave Lumber Core (SLC), Add		694.40	
		For Structural Composite Lumber Core (SCLC), Add		416.64	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add		111.10	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add		499.96	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add		694.40	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add		1,111.03	
		For >50 To 100, Deduct		-56.47	
		For >100, Deduct		-83.00	
08 14 16 00-0617	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	.....	792.39	59.67
		For 7 Ply Cold Press Construction, Deduct		-13.46	
		For Stave Lumber Core (SLC), Add		504.77	
		For Structural Composite Lumber Core (SCLC), Add		302.86	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add		80.76	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add		363.44	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add		504.77	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add		807.64	
		For >50 To 100, Deduct		-42.60	
		For >100, Deduct		-62.41	
		For 9' Door Height, Add		141.34	
08 14 16 00-0618	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	.....	792.39	59.67
		For 7 Ply Cold Press Construction, Deduct		-13.46	
		For Stave Lumber Core (SLC), Add		504.77	
		For Structural Composite Lumber Core (SCLC), Add		302.86	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add		80.76	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add		363.44	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add		504.77	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add		807.64	
		For >50 To 100, Deduct		-42.60	
		For >100, Deduct		-62.41	
		For 9' Door Height, Add		141.34	
08 14 16 00-0619	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	.....	798.01	62.39
		For 7 Ply Cold Press Construction, Deduct		-13.46	
		For Stave Lumber Core (SLC), Add		504.93	
		For Structural Composite Lumber Core (SCLC), Add		302.96	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add		80.79	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add		363.55	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add		504.93	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add		807.89	
		For >50 To 100, Deduct		-43.02	
		For >100, Deduct		-62.97	
		For 9' Door Height, Add		141.38	
08 14 16 00-0620	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	.....	804.96	62.39
		For 7 Ply Cold Press Construction, Deduct		-13.60	
		For Stave Lumber Core (SLC), Add		510.14	
		For Structural Composite Lumber Core (SCLC), Add		306.09	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add		81.62	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add		367.30	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add		510.14	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add		816.23	
		For >50 To 100, Deduct		-43.37	
		For >100, Deduct		-63.49	
		For 9' Door Height, Add		142.84	
08 14 16 00-0621	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	.....	823.09	62.39
		For 7 Ply Cold Press Construction, Deduct		-13.97	
		For Stave Lumber Core (SLC), Add		523.74	
		For Structural Composite Lumber Core (SCLC), Add		314.24	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add		83.80	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add		377.09	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add		523.74	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add		837.98	
		For >50 To 100, Deduct		-44.27	
		For >100, Deduct		-64.85	
		For 9' Door Height, Add		146.65	

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 00-0622	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	.....	846.64	65.10
		For 7 Ply Cold Press Construction, Deduct		-14.33	
		For Stave Lumber Core (SLC), Add		537.33	
		For Structural Composite Lumber Core (SCLC), Add		322.40	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add		85.97	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add		386.88	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add		537.33	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add		859.73	
		For >50 To 100, Deduct		-45.59	
		For >100, Deduct		-66.75	
		For 9' Door Height, Add		150.45	
08 14 16 00-0623	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	.....	893.71	65.10
		For 7 Ply Cold Press Construction, Deduct		-15.27	
		For Stave Lumber Core (SLC), Add		572.63	
		For Structural Composite Lumber Core (SCLC), Add		343.58	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add		91.62	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add		412.30	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add		572.63	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add		916.21	
		For >50 To 100, Deduct		-47.94	
		For >100, Deduct		-70.28	
		For 9' Door Height, Add		160.34	
08 14 16 00-0624	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	.....	1,097.70	67.81
		For 7 Ply Cold Press Construction, Deduct		-19.24	
		For Stave Lumber Core (SLC), Add		721.55	
		For Structural Composite Lumber Core (SCLC), Add		432.93	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add		115.45	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add		519.52	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add		721.55	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add		1,154.48	
		For >50 To 100, Deduct		-58.28	
		For >100, Deduct		-85.72	
		For 9' Door Height, Add		202.03	
08 14 16 00-0625	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	.....	1,145.80	67.81
		For 7 Ply Cold Press Construction, Deduct		-20.20	
		For Stave Lumber Core (SLC), Add		757.63	
		For Structural Composite Lumber Core (SCLC), Add		454.58	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add		121.22	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add		545.49	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add		757.63	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add		1,212.20	
		For >50 To 100, Deduct		-60.68	
		For >100, Deduct		-89.33	
		For 9' Door Height, Add		212.14	
08 14 16 00-0626	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door	.....	1,242.03	67.81
		For 7 Ply Cold Press Construction, Deduct		-22.13	
		For Stave Lumber Core (SLC), Add		829.80	
		For Structural Composite Lumber Core (SCLC), Add		497.88	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add		132.77	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add		597.46	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add		829.80	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add		1,327.68	
		For >50 To 100, Deduct		-65.49	
		For >100, Deduct		-96.54	
		For 9' Door Height, Add		232.34	
08 14 16 00-0627	Lauan Faced Wood Doors (08 14 16 00-0440)				
08 14 16 00-0628	EA	2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	.....	407.56	59.67
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add		34.58	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add		155.63	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add		216.15	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add		345.84	
		For >50 To 100, Deduct		-23.36	
		For >100, Deduct		-33.55	
08 14 16 00-0629	EA	2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	.....	407.56	59.67
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add		34.58	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add		155.63	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add		216.15	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add		345.84	
		For >50 To 100, Deduct		-23.36	
		For >100, Deduct		-33.55	
08 14 16 00-0630	EA	2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	.....	413.80	62.39
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add		34.68	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add		156.08	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add		216.77	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add		346.84	
		For >50 To 100, Deduct		-23.81	
		For >100, Deduct		-34.15	
08 14 16 00-0631	EA	2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	.....	422.11	62.39
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add		35.68	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add		160.56	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add		223.01	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add		356.81	
		For >50 To 100, Deduct		-24.22	
		For >100, Deduct		-34.78	



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 00-0632	EA		2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	425.11	62.39
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	36.04	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	162.18	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	225.26	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	360.41	
			For >50 To 100, Deduct	-24.37	
			For >100, Deduct	-35.00	
08 14 16 00-0633	EA		3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	433.54	65.10
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	36.40	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	163.80	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	227.51	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	364.01	
			For >50 To 100, Deduct	-24.93	
			For >100, Deduct	-35.77	
08 14 16 00-0634	EA		3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	460.95	65.10
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	39.69	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	178.61	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	248.06	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	396.90	
			For >50 To 100, Deduct	-26.30	
			For >100, Deduct	-37.83	
08 14 16 00-0635	EA		3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	489.97	67.81
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	42.52	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	191.34	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	265.76	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	425.21	
			For >50 To 100, Deduct	-27.89	
			For >100, Deduct	-40.14	
08 14 16 00-0636	EA		3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	507.69	67.81
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	44.65	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	200.91	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	279.05	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	446.47	
			For >50 To 100, Deduct	-28.78	
			For >100, Deduct	-41.47	
08 14 16 00-0637	EA		4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	543.14	67.81
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	48.90	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	220.06	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	305.63	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	489.01	
			For >50 To 100, Deduct	-30.55	
			For >100, Deduct	-44.13	
08 14 16 00-0638	EA		2'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	424.32	59.67
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	36.60	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	164.68	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	228.72	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	365.95	
			For >50 To 100, Deduct	-24.20	
			For >100, Deduct	-34.81	
08 14 16 00-0639	EA		2'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	424.31	59.67
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	36.59	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	164.67	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	228.71	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	365.94	
			For >50 To 100, Deduct	-24.20	
			For >100, Deduct	-34.81	
08 14 16 00-0640	EA		2'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	430.61	62.39
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	36.70	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	165.15	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	229.38	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	367.01	
			For >50 To 100, Deduct	-24.65	
			For >100, Deduct	-35.42	
08 14 16 00-0641	EA		2'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	439.39	62.39
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	37.75	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	169.89	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	235.97	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	377.54	
			For >50 To 100, Deduct	-25.09	
			For >100, Deduct	-36.07	
08 14 16 00-0642	EA		2'-10" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	442.60	62.39
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	38.14	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	171.63	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	238.37	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	381.40	
			For >50 To 100, Deduct	-25.25	
			For >100, Deduct	-36.31	
08 14 16 00-0643	EA		3'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	451.19	65.10
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	38.52	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	173.33	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	240.74	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	385.19	
			For >50 To 100, Deduct	-25.81	
			For >100, Deduct	-37.09	

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 00-0644	EA	3'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	.....	480.20	65.10
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	.....	42.00	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	.....	189.00	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	.....	262.50	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	.....	420.00	
		For >50 To 100, Deduct	.....	-27.27	
		For >100, Deduct	.....	-39.27	
08 14 16 00-0645	EA	3'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	.....	510.60	67.81
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	.....	45.00	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	.....	202.48	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	.....	281.23	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	.....	449.96	
		For >50 To 100, Deduct	.....	-28.92	
		For >100, Deduct	.....	-41.69	
08 14 16 00-0646	EA	3'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	.....	529.34	67.81
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	.....	47.25	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	.....	212.60	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	.....	295.28	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	.....	472.45	
		For >50 To 100, Deduct	.....	-29.86	
		For >100, Deduct	.....	-43.09	
08 14 16 00-0647	EA	4'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	.....	566.87	67.81
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	.....	51.75	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	.....	232.87	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	.....	323.43	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	.....	517.49	
		For >50 To 100, Deduct	.....	-31.73	
		For >100, Deduct	.....	-45.91	
08 14 16 00-0648	EA	2'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	.....	483.76	59.67
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	.....	43.73	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	.....	196.78	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	.....	273.30	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	.....	437.28	
		For >50 To 100, Deduct	.....	-27.17	
		For >100, Deduct	.....	-39.27	
		For 9' Door Height, Add	.....	76.52	
08 14 16 00-0649	EA	2'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	.....	483.76	59.67
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	.....	43.73	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	.....	196.78	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	.....	273.30	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	.....	437.28	
		For >50 To 100, Deduct	.....	-27.17	
		For >100, Deduct	.....	-39.27	
		For 9' Door Height, Add	.....	76.52	
08 14 16 00-0650	EA	2'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	.....	490.23	62.39
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	.....	43.86	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	.....	197.35	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	.....	274.10	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	.....	438.55	
		For >50 To 100, Deduct	.....	-27.63	
		For >100, Deduct	.....	-39.89	
		For 9' Door Height, Add	.....	76.75	
08 14 16 00-0651	EA	2'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	.....	500.76	62.39
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	.....	45.12	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	.....	203.03	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	.....	281.99	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	.....	451.19	
		For >50 To 100, Deduct	.....	-28.16	
		For >100, Deduct	.....	-40.68	
		For 9' Door Height, Add	.....	78.96	
08 14 16 00-0652	EA	2'-10" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	.....	504.59	62.39
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	.....	45.58	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	.....	205.10	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	.....	284.87	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	.....	455.78	
		For >50 To 100, Deduct	.....	-28.35	
		For >100, Deduct	.....	-40.96	
		For 9' Door Height, Add	.....	79.76	
08 14 16 00-0653	EA	3'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	.....	513.80	65.10
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	.....	46.03	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	.....	207.14	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	.....	287.70	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	.....	460.32	
		For >50 To 100, Deduct	.....	-28.95	
		For >100, Deduct	.....	-41.79	
		For 9' Door Height, Add	.....	80.56	
08 14 16 00-0654	EA	3'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	.....	548.47	65.10
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	.....	50.19	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	.....	225.87	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	.....	313.70	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	.....	501.92	
		For >50 To 100, Deduct	.....	-30.68	
		For >100, Deduct	.....	-44.39	
		For 9' Door Height, Add	.....	87.84	



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 00-0655	EA		3'-6" x 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 For 9' Door Height, Add	583.71 53.77 241.96 336.06 537.70 -32.58 -47.17 94.10	67.81
08 14 16 00-0656	EA		3'-8" x 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 For 9' Door Height, Add	606.10 56.46 254.05 352.85 564.56 -33.70 -48.85 98.80	67.81
08 14 16 00-0657	EA		4'-0" x 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 For 9' Door Height, Add	650.96 61.84 278.28 386.50 618.40 -35.94 -52.21 108.22	67.81
08 14 16 00-0658			Medium Density Overlay (MDO) Wood Doors (08 14 16 00-0440)		
08 14 16 00-0659	EA		2'-0" x 6'-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	337.74 163.79 98.27 26.21 -19.87 -28.31	59.67
08 14 16 00-0660	EA		2'-4" x 6'-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	337.74 163.79 98.27 26.21 -19.87 -28.31	59.67
08 14 16 00-0661	EA		2'-6" x 6'-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	355.80 173.27 103.96 27.72 -20.91 -29.80	62.39
08 14 16 00-0662	EA		2'-8" x 6'-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	368.42 182.74 109.64 29.24 -21.54 -30.75	62.39
08 14 16 00-0663	EA		2'-10" x 6'-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	370.77 184.50 110.70 29.52 -21.66 -30.93	62.39
08 14 16 00-0664	EA		3'-0" x 6'-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	378.58 186.29 111.77 29.81 -22.18 -31.65	65.10
08 14 16 00-0665	EA		3'-4" x 6'-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	405.96 206.82 124.09 33.09 -23.55 -33.70	65.10
08 14 16 00-0666	EA		3'-6" x 6'-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	461.38 244.31 146.59 39.09 -26.46 -37.99	67.81
08 14 16 00-0667	EA		3'-8" x 6'-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	477.68 256.54 153.92 41.05 -27.27 -39.22	67.81

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 00-0668	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	510.23	67.81	
		For Stave Lumber Core (SLC), Add	280.95		
		For Structural Composite Lumber Core (SCLC), Add	168.57		
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	44.95		
		For >50 To 100, Deduct	-28.90		
		For >100, Deduct	-41.66		
08 14 16 00-0669	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	350.46	59.67	
		For Stave Lumber Core (SLC), Add	173.33		
		For Structural Composite Lumber Core (SCLC), Add	104.00		
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	27.73		
		For >50 To 100, Deduct	-20.51		
		For >100, Deduct	-29.27		
08 14 16 00-0670	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	350.46	59.67	
		For Stave Lumber Core (SLC), Add	173.33		
		For Structural Composite Lumber Core (SCLC), Add	104.00		
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	27.73		
		For >50 To 100, Deduct	-20.51		
		For >100, Deduct	-29.27		
08 14 16 00-0671	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	369.26	62.39	
		For Stave Lumber Core (SLC), Add	183.37		
		For Structural Composite Lumber Core (SCLC), Add	110.02		
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	29.34		
		For >50 To 100, Deduct	-21.58		
		For >100, Deduct	-30.81		
08 14 16 00-0672	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	382.61	62.39	
		For Stave Lumber Core (SLC), Add	193.38		
		For Structural Composite Lumber Core (SCLC), Add	116.03		
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	30.94		
		For >50 To 100, Deduct	-22.25		
		For >100, Deduct	-31.82		
08 14 16 00-0673	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	385.09	62.39	
		For Stave Lumber Core (SLC), Add	195.24		
		For Structural Composite Lumber Core (SCLC), Add	117.14		
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	31.24		
		For >50 To 100, Deduct	-22.37		
		For >100, Deduct	-32.00		
08 14 16 00-0674	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	393.04	65.10	
		For Stave Lumber Core (SLC), Add	197.13		
		For Structural Composite Lumber Core (SCLC), Add	118.28		
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	31.54		
		For >50 To 100, Deduct	-22.91		
		For >100, Deduct	-32.73		
08 14 16 00-0675	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	421.99	65.10	
		For Stave Lumber Core (SLC), Add	218.84		
		For Structural Composite Lumber Core (SCLC), Add	131.31		
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	35.01		
		For >50 To 100, Deduct	-24.35		
		For >100, Deduct	-34.90		
08 14 16 00-0676	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	480.33	67.81	
		For Stave Lumber Core (SLC), Add	258.53		
		For Structural Composite Lumber Core (SCLC), Add	155.12		
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	41.36		
		For >50 To 100, Deduct	-27.41		
		For >100, Deduct	-39.42		
08 14 16 00-0677	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	497.58	67.81	
		For Stave Lumber Core (SLC), Add	271.46		
		For Structural Composite Lumber Core (SCLC), Add	162.88		
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	43.43		
		For >50 To 100, Deduct	-28.27		
		For >100, Deduct	-40.71		
08 14 16 00-0678	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	532.04	67.81	
		For Stave Lumber Core (SLC), Add	297.31		
		For Structural Composite Lumber Core (SCLC), Add	178.38		
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	47.57		
		For >50 To 100, Deduct	-29.99		
		For >100, Deduct	-43.29		
08 14 16 00-0679	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	395.52	59.67	
		For Stave Lumber Core (SLC), Add	207.12		
		For Structural Composite Lumber Core (SCLC), Add	124.27		
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	33.14		
		For >50 To 100, Deduct	-22.76		
		For >100, Deduct	-32.65		
		For 9' Door Height, Add	57.99		
08 14 16 00-0680	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	395.52	59.67	
		For Stave Lumber Core (SLC), Add	207.12		
		For Structural Composite Lumber Core (SCLC), Add	124.27		
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	33.14		
		For >50 To 100, Deduct	-22.76		
		For >100, Deduct	-32.65		
		For 9' Door Height, Add	57.99		
08 14 16 00-0681	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	416.93	62.39	
		For Stave Lumber Core (SLC), Add	219.12		
		For Structural Composite Lumber Core (SCLC), Add	131.47		
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	35.06		
		For >50 To 100, Deduct	-23.97		
		For >100, Deduct	-34.39		
		For 9' Door Height, Add	61.35		



		Openings	08
		Doors and Frames	08 10
		Wood Doors	08 14

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0682	EA		2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	432.90	62.39
			For Stave Lumber Core (SLC), Add	231.10	
			For Structural Composite Lumber Core (SCLC), Add	138.66	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	36.98	
			For >50 To 100, Deduct	-24.76	
			For >100, Deduct	-35.59	
			For 9' Door Height, Add	64.71	
08 14 16 00-0683	EA		2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	435.85	62.39
			For Stave Lumber Core (SLC), Add	233.37	
			For Structural Composite Lumber Core (SCLC), Add	139.99	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	37.33	
			For >50 To 100, Deduct	-24.91	
			For >100, Deduct	-35.81	
			For 9' Door Height, Add	65.93	
08 14 16 00-0684	EA		3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	444.30	65.10
			For Stave Lumber Core (SLC), Add	235.58	
			For Structural Composite Lumber Core (SCLC), Add	141.35	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	37.69	
			For >50 To 100, Deduct	-25.47	
			For >100, Deduct	-36.58	
			For 9' Door Height, Add	65.96	
08 14 16 00-0685	EA		3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	478.90	65.10
			For Stave Lumber Core (SLC), Add	261.53	
			For Structural Composite Lumber Core (SCLC), Add	156.92	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	41.84	
			For >50 To 100, Deduct	-27.20	
			For >100, Deduct	-39.17	
			For 9' Door Height, Add	73.23	
08 14 16 00-0686	EA		3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	547.54	67.81
			For Stave Lumber Core (SLC), Add	308.93	
			For Structural Composite Lumber Core (SCLC), Add	185.36	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	49.43	
			For >50 To 100, Deduct	-30.77	
			For >100, Deduct	-44.46	
			For 9' Door Height, Add	86.50	
08 14 16 00-0687	EA		3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	568.17	67.81
			For Stave Lumber Core (SLC), Add	324.41	
			For Structural Composite Lumber Core (SCLC), Add	194.64	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	51.90	
			For >50 To 100, Deduct	-31.80	
			For >100, Deduct	-46.00	
			For 9' Door Height, Add	90.83	
08 14 16 00-0688	EA		4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	609.34	67.81
			For Stave Lumber Core (SLC), Add	355.28	
			For Structural Composite Lumber Core (SCLC), Add	213.17	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	56.85	
			For >50 To 100, Deduct	-33.86	
			For >100, Deduct	-49.09	
			For 9' Door Height, Add	99.48	
08 14 16 00-0689			2-1/4" Thick, Particleboard Core (PC), Wood Doors (08 14 16)		
08 14 16 00-0690			Birch Faced Wood Doors (08 14 16 00-0689)		
08 14 16 00-0691	EA		2'-0" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	336.38	59.67
08 14 16 00-0692	EA		2'-4" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	336.38	59.67
08 14 16 00-0693	EA		2'-6" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	353.14	62.39
08 14 16 00-0694	EA		2'-8" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	362.65	62.39
08 14 16 00-0695	EA		2'-10" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	369.02	62.39
08 14 16 00-0696	EA		3'-0" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	380.76	65.10
08 14 16 00-0697	EA		3'-4" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	408.31	65.10
08 14 16 00-0698	EA		3'-6" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	473.29	67.81
08 14 16 00-0699	EA		3'-8" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	490.19	67.81
08 14 16 00-0700	EA		4'-0" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	534.78	73.24
08 14 16 00-0701	EA		2'-0" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	349.01	59.67
08 14 16 00-0702	EA		2'-4" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	349.01	59.67
08 14 16 00-0703	EA		2'-6" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	366.42	62.39
08 14 16 00-0704	EA		2'-8" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	376.50	62.39
08 14 16 00-0705	EA		2'-10" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	383.23	62.39
08 14 16 00-0706	EA		3'-0" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	395.33	65.10
08 14 16 00-0707	EA		3'-4" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	424.49	65.10
08 14 16 00-0708	EA		3'-6" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	492.94	67.81
08 14 16 00-0709	EA		3'-8" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	510.83	67.81
08 14 16 00-0710	EA		4'-0" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	557.39	73.24
08 14 16 00-0711	EA		2'-0" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	394.95	59.67
08 14 16 00-0712	EA		2'-4" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	394.95	59.67
08 14 16 00-0713	EA		2'-6" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	414.76	62.39
08 14 16 00-0714	EA		2'-8" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	426.84	62.39
08 14 16 00-0715	EA		2'-10" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	434.92	62.39
08 14 16 00-0716	EA		3'-0" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	448.35	65.10
08 14 16 00-0717	EA		3'-4" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	483.36	65.10
08 14 16 00-0718	EA		3'-6" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	564.42	67.81
08 14 16 00-0719	EA		3'-8" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	585.87	67.81
08 14 16 00-0720	EA		4'-0" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	639.56	73.24

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 00-0721 Oak Faced Wood Doors (08 14 16 00-0689)

08 14 16 00-0722	EA	2'-0" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	565.33	59.67
08 14 16 00-0723	EA	2'-4" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	565.33	59.67
08 14 16 00-0724	EA	2'-6" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	570.74	62.39
08 14 16 00-0725	EA	2'-8" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	575.37	62.39
08 14 16 00-0726	EA	2'-10" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	577.42	62.39
08 14 16 00-0727	EA	3'-0" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	584.91	65.10
08 14 16 00-0728	EA	3'-4" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	634.89	65.10
08 14 16 00-0729	EA	3'-6" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	768.92	67.81
08 14 16 00-0730	EA	3'-8" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	801.02	67.81
08 14 16 00-0731	EA	4'-0" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	874.77	73.24
08 14 16 00-0732	EA	2'-0" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	591.30	59.67
08 14 16 00-0733	EA	2'-4" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	591.30	59.67
08 14 16 00-0734	EA	2'-6" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	596.71	62.39
08 14 16 00-0735	EA	2'-8" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	601.57	62.39
08 14 16 00-0736	EA	2'-10" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	603.77	62.39
08 14 16 00-0737	EA	3'-0" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	611.39	65.10
08 14 16 00-0738	EA	3'-4" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	664.25	65.10
08 14 16 00-0739	EA	3'-6" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	805.79	67.81
08 14 16 00-0740	EA	3'-8" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	839.73	67.81
08 14 16 00-0741	EA	4'-0" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	917.15	73.24
08 14 16 00-0742	EA	2'-0" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	685.68	59.67
08 14 16 00-0743	EA	2'-4" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	685.68	59.67
08 14 16 00-0744	EA	2'-6" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	691.09	62.39
08 14 16 00-0745	EA	2'-8" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	696.95	62.39
08 14 16 00-0746	EA	2'-10" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	699.55	62.39
08 14 16 00-0747	EA	3'-0" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	707.62	65.10
08 14 16 00-0748	EA	3'-4" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	771.06	65.10
08 14 16 00-0749	EA	3'-6" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	939.80	67.81
08 14 16 00-0750	EA	3'-8" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	980.57	67.81
08 14 16 00-0751	EA	4'-0" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	1,071.27	73.24

08 14 16 00-0752 Maple Faced Wood Doors (08 14 16 00-0689)

08 14 16 00-0753	EA	2'-0" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	510.04	59.67
08 14 16 00-0754	EA	2'-4" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	510.04	59.67
08 14 16 00-0755	EA	2'-6" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	515.45	62.39
08 14 16 00-0756	EA	2'-8" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	519.50	62.39
08 14 16 00-0757	EA	2'-10" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	521.30	62.39
08 14 16 00-0758	EA	3'-0" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	528.53	65.10
08 14 16 00-0759	EA	3'-4" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	572.29	65.10
08 14 16 00-0760	EA	3'-6" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	662.65	67.81
08 14 16 00-0761	EA	3'-8" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	718.14	67.81
08 14 16 00-0762	EA	4'-0" x 6'-8" x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	773.63	67.81
08 14 16 00-0763	EA	2'-0" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	532.77	59.67
08 14 16 00-0764	EA	2'-4" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	532.77	59.67
08 14 16 00-0765	EA	2'-6" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	538.18	62.39
08 14 16 00-0766	EA	2'-8" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	542.45	62.39
08 14 16 00-0767	EA	2'-10" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	544.35	62.39
08 14 16 00-0768	EA	3'-0" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	551.71	65.10
08 14 16 00-0769	EA	3'-4" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	598.02	65.10
08 14 16 00-0770	EA	3'-6" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	693.33	67.81
08 14 16 00-0771	EA	3'-8" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	752.55	67.81
08 14 16 00-0772	EA	4'-0" x 7' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	810.75	67.81
08 14 16 00-0773	EA	2'-0" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	615.44	59.67
08 14 16 00-0774	EA	2'-4" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	615.44	59.67
08 14 16 00-0775	EA	2'-6" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	620.85	62.39
08 14 16 00-0776	EA	2'-8" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	625.98	62.39
08 14 16 00-0777	EA	2'-10" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	628.28	62.39
08 14 16 00-0778	EA	3'-0" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	636.01	65.10
08 14 16 00-0779	EA	3'-4" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	691.58	65.10
08 14 16 00-0780	EA	3'-6" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	804.84	67.81
08 14 16 00-0781	EA	3'-8" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	875.34	67.81
08 14 16 00-0782	EA	4'-0" x 8' x 2-1/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	945.76	67.81

08 14 16 00-0783 Manufacturer Prefinished Options For Flush Wood Doors (08 14 16)

08 14 16 00-0784	EA	Two Coats, Clear Or Colored Catalyzed Polyurethane Factory Finish For Flush Wood Door	74.13	
		Note: Includes (2) coats any standard manufacturer color on six sides.		
		For Custom Color To Match Non-Standard Manufacturer Finish, Add	24.69	
08 14 16 00-0785	EA	Three Coats, Clear Or Colored Catalyzed Polyurethane Factory Finish For Flush Wood Door	111.20	
		Note: Includes (3) coats any standard manufacturer color on six sides.		
		For Custom Color To Match Non-Standard Manufacturer Finish, Add	24.69	

08 14 16 00-0786 Semicircular Head Door, 1-3/4" Thick, Particleboard Core (PC), Wood Doors (08 14 16)

08 14 16 00-0787	EA	2' x 6'-9" x 1-3/4" Thick, Particleboard Core, Semicircular Head Birch Faced Wood Door	2,189.00	47.74



			Openings	08
			Doors and Frames	08 10
			Wood Doors	08 14

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST

08 14 16 00-0788	EA	2'-4" x 6'-9" x 1-3/4" Thick, Particleboard Core, Semicircular Head Birch Faced Wood Door	2,189.00	148.98
08 14 16 00-0789	EA	2'-6" x 6'-9" x 1-3/4" Thick, Particleboard Core, Semicircular Head Birch Faced Wood Door	2,189.00	47.74

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	622.61	133.46
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	666.74	146.48
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	717.88	161.67
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	749.39	167.09
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	803.65	183.91
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	857.41	189.88

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	283.22	59.67
For Structural Composite Lumber Core (SCLC), Add			73.74	
For 5 Ply Construction, Add			5.74	
For >50 To 100, Deduct			-17.15	
For >100, Deduct			-24.23	
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	283.22	59.67
For Structural Composite Lumber Core (SCLC), Add			73.74	
For 5 Ply Construction, Add			5.74	
For >50 To 100, Deduct			-17.15	
For >100, Deduct			-24.23	
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	297.65	62.39
For Structural Composite Lumber Core (SCLC), Add			77.80	
For 5 Ply Construction, Add			6.05	
For >50 To 100, Deduct			-18.00	
For >100, Deduct			-25.44	
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	306.66	62.39
For Structural Composite Lumber Core (SCLC), Add			81.85	
For 5 Ply Construction, Add			6.37	
For >50 To 100, Deduct			-18.45	
For >100, Deduct			-26.12	
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	311.21	62.39
For Structural Composite Lumber Core (SCLC), Add			83.90	
For 5 Ply Construction, Add			6.53	
For >50 To 100, Deduct			-18.68	
For >100, Deduct			-26.46	
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	321.16	65.10
For Structural Composite Lumber Core (SCLC), Add			85.93	
For 5 Ply Construction, Add			6.68	
For >50 To 100, Deduct			-19.31	
For >100, Deduct			-27.34	
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	342.16	65.10
For Structural Composite Lumber Core (SCLC), Add			95.38	
For 5 Ply Construction, Add			7.42	
For >50 To 100, Deduct			-20.36	
For >100, Deduct			-28.92	
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	361.15	67.81
For Structural Composite Lumber Core (SCLC), Add			101.48	
For 5 Ply Construction, Add			7.89	
For >50 To 100, Deduct			-21.45	
For >100, Deduct			-30.48	
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	292.76	59.67
For Structural Composite Lumber Core (SCLC), Add			78.03	
For 5 Ply Construction, Add			6.07	
For >50 To 100, Deduct			-17.62	
For >100, Deduct			-24.94	
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	292.75	59.67
For Structural Composite Lumber Core (SCLC), Add			78.03	
For 5 Ply Construction, Add			6.07	
For >50 To 100, Deduct			-17.62	
For >100, Deduct			-24.94	

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 16-0012	EA		2'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	307.71	62.39
			For Structural Composite Lumber Core (SCLC), Add	82.32	
			For 5 Ply Construction, Add	6.40	
			For >50 To 100, Deduct	-18.50	
			For >100, Deduct	-26.20	
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.....	317.24	62.39
			For Structural Composite Lumber Core (SCLC), Add	86.67	
			For 5 Ply Construction, Add	6.74	
			For >50 To 100, Deduct	-18.98	
			For >100, Deduct	-26.91	
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.....	322.05	62.39
			For Structural Composite Lumber Core (SCLC), Add	88.78	
			For 5 Ply Construction, Add	6.90	
			For >50 To 100, Deduct	-19.22	
			For >100, Deduct	-27.27	
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.....	332.27	65.10
			For Structural Composite Lumber Core (SCLC), Add	90.93	
			For 5 Ply Construction, Add	7.07	
			For >50 To 100, Deduct	-19.87	
			For >100, Deduct	-28.18	
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.....	354.49	65.10
			For Structural Composite Lumber Core (SCLC), Add	100.93	
			For 5 Ply Construction, Add	7.85	
			For >50 To 100, Deduct	-20.98	
			For >100, Deduct	-29.84	
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.....	374.27	67.81
			For Structural Composite Lumber Core (SCLC), Add	107.39	
			For 5 Ply Construction, Add	8.35	
			For >50 To 100, Deduct	-22.10	
			For >100, Deduct	-31.46	
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.....	326.57	59.67
			For Structural Composite Lumber Core (SCLC), Add	93.24	
			For 5 Ply Construction, Add	7.25	
			For >50 To 100, Deduct	-19.31	
			For >100, Deduct	-27.48	
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.....	326.57	59.67
			For Structural Composite Lumber Core (SCLC), Add	93.24	
			For 5 Ply Construction, Add	7.25	
			For >50 To 100, Deduct	-19.31	
			For >100, Deduct	-27.48	
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.....	343.39	62.39
			For Structural Composite Lumber Core (SCLC), Add	98.38	
			For 5 Ply Construction, Add	7.65	
			For >50 To 100, Deduct	-20.29	
			For >100, Deduct	-28.87	
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.....	354.78	62.39
			For Structural Composite Lumber Core (SCLC), Add	103.50	
			For 5 Ply Construction, Add	8.05	
			For >50 To 100, Deduct	-20.86	
			For >100, Deduct	-29.73	
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.....	360.52	62.39
			For Structural Composite Lumber Core (SCLC), Add	106.09	
			For 5 Ply Construction, Add	8.25	
			For >50 To 100, Deduct	-21.15	
			For >100, Deduct	-30.16	
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.....	371.68	65.10
			For Structural Composite Lumber Core (SCLC), Add	108.67	
			For 5 Ply Construction, Add	8.45	
			For >50 To 100, Deduct	-21.84	
			For >100, Deduct	-31.13	
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.....	398.23	65.10
			For Structural Composite Lumber Core (SCLC), Add	120.61	
			For 5 Ply Construction, Add	9.38	
			For >50 To 100, Deduct	-23.17	
			For >100, Deduct	-33.12	
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.....	420.81	67.81
			For Structural Composite Lumber Core (SCLC), Add	128.33	
			For 5 Ply Construction, Add	9.98	
			For >50 To 100, Deduct	-24.43	
			For >100, Deduct	-34.95	



		Openings	08
		Doors and Frames	08 10
		Wood Doors	08 14

MINOR		TOTAL DIRECT		DEMOLITION
CSI UOM DESCRIPTION		UNIT COST		UNIT COST
08 14 23 16-0026	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 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 Wood Door	398.54		59.67
	For 5 Ply Construction, Add	9.77		
	For Stave Lumber Core (SLC), Add	209.39		
	For Structural Composite Lumber Core (SCLC), Add	125.63		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	33.50		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	150.76		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	209.39		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	335.02		
	For >50 To 100, Deduct	-22.91		
	For >100, Deduct	-32.87		
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 Wood Door	398.52		59.67
	For 5 Ply Construction, Add	9.77		
	For Stave Lumber Core (SLC), Add	209.37		
	For Structural Composite Lumber Core (SCLC), Add	125.62		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	33.50		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	150.75		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	209.37		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	334.99		
	For >50 To 100, Deduct	-22.91		
	For >100, Deduct	-32.87		
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 Wood Door	412.67		62.39
	For 5 Ply Construction, Add	10.08		
	For Stave Lumber Core (SLC), Add	215.93		
	For Structural Composite Lumber Core (SCLC), Add	129.56		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	34.55		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	155.47		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	215.93		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	345.48		
	For >50 To 100, Deduct	-23.75		
	For >100, Deduct	-34.07		
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 Wood Door	412.67		62.39
	For 5 Ply Construction, Add	10.08		
	For Stave Lumber Core (SLC), Add	215.93		
	For Structural Composite Lumber Core (SCLC), Add	129.56		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	34.55		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	155.47		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	215.93		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	345.48		
	For >50 To 100, Deduct	-23.75		
	For >100, Deduct	-34.07		
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 Wood Door	429.96		62.39
	For 5 Ply Construction, Add	10.68		
	For Stave Lumber Core (SLC), Add	228.89		
	For Structural Composite Lumber Core (SCLC), Add	137.34		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	36.62		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	164.80		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	228.89		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	366.23		
	For >50 To 100, Deduct	-24.62		
	For >100, Deduct	-35.37		
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 Wood Door	452.67		65.10
	For 5 Ply Construction, Add	11.29		
	For Stave Lumber Core (SLC), Add	241.85		
	For Structural Composite Lumber Core (SCLC), Add	145.11		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	38.70		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	174.13		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	241.85		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	386.96		
	For >50 To 100, Deduct	-25.89		
	For >100, Deduct	-37.21		
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 Wood Door	470.34		65.10
	For 5 Ply Construction, Add	11.90		
	For Stave Lumber Core (SLC), Add	255.11		
	For Structural Composite Lumber Core (SCLC), Add	153.06		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	40.82		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	183.68		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	255.11		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	408.17		
	For >50 To 100, Deduct	-26.77		
	For >100, Deduct	-38.53		

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 16-0034	EA		3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	484.60	67.81
			For 5 Ply Construction, Add	12.21	
			For Stave Lumber Core (SLC), Add	261.73	
			For Structural Composite Lumber Core (SCLC), Add	157.04	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	41.88	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	188.44	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	261.73	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	418.76	
			For >50 To 100, Deduct	-27.62	
			For >100, Deduct	-39.74	
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	502.04	67.81
			For 5 Ply Construction, Add	12.82	
			For Stave Lumber Core (SLC), Add	274.81	
			For Structural Composite Lumber Core (SCLC), Add	164.88	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	43.97	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	197.86	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	274.81	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	439.69	
			For >50 To 100, Deduct	-28.49	
			For >100, Deduct	-41.04	
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	547.79	73.24
			For 5 Ply Construction, Add	14.05	
			For Stave Lumber Core (SLC), Add	300.98	
			For Structural Composite Lumber Core (SCLC), Add	180.59	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	48.16	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	216.71	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	300.98	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	481.57	
			For >50 To 100, Deduct	-31.05	
			For >100, Deduct	-44.75	
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	414.78	59.67
			For 5 Ply Construction, Add	10.34	
			For Stave Lumber Core (SLC), Add	221.57	
			For Structural Composite Lumber Core (SCLC), Add	132.94	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	35.45	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	159.53	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	221.57	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	354.50	
			For >50 To 100, Deduct	-23.72	
			For >100, Deduct	-34.09	
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	414.77	59.67
			For 5 Ply Construction, Add	10.34	
			For Stave Lumber Core (SLC), Add	221.56	
			For Structural Composite Lumber Core (SCLC), Add	132.93	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	35.45	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	159.52	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	221.56	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	354.49	
			For >50 To 100, Deduct	-23.72	
			For >100, Deduct	-34.09	
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	429.42	62.39
			For 5 Ply Construction, Add	10.66	
			For Stave Lumber Core (SLC), Add	228.49	
			For Structural Composite Lumber Core (SCLC), Add	137.09	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	36.56	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	164.51	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	228.49	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	365.58	
			For >50 To 100, Deduct	-24.59	
			For >100, Deduct	-35.33	
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	429.42	62.39
			For 5 Ply Construction, Add	10.66	
			For Stave Lumber Core (SLC), Add	228.49	
			For Structural Composite Lumber Core (SCLC), Add	137.09	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	36.56	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	164.51	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	228.49	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	365.58	
			For >50 To 100, Deduct	-24.59	
			For >100, Deduct	-35.33	



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 16-0041	EA 2'-10" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door		447.72		62.39
	For 5 Ply Construction, Add		11.30		
	For Stave Lumber Core (SLC), Add		242.21		
	For Structural Composite Lumber Core (SCLC), Add		145.33		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add		38.75		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add		174.39		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add		242.21		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add		387.54		
	For >50 To 100, Deduct		-25.51		
	For >100, Deduct		-36.70		
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		471.45		65.10
	For 5 Ply Construction, Add		11.94		
	For Stave Lumber Core (SLC), Add		255.94		
	For Structural Composite Lumber Core (SCLC), Add		153.56		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add		40.95		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add		184.28		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add		255.94		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add		409.50		
	For >50 To 100, Deduct		-26.83		
	For >100, Deduct		-38.61		
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		490.13		65.10
	For 5 Ply Construction, Add		12.60		
	For Stave Lumber Core (SLC), Add		269.95		
	For Structural Composite Lumber Core (SCLC), Add		161.97		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add		43.19		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add		194.36		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add		269.95		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add		431.92		
	For >50 To 100, Deduct		-27.76		
	For >100, Deduct		-40.01		
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		504.91		67.81
	For 5 Ply Construction, Add		12.92		
	For Stave Lumber Core (SLC), Add		276.96		
	For Structural Composite Lumber Core (SCLC), Add		166.18		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add		44.31		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add		199.41		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add		276.96		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add		443.14		
	For >50 To 100, Deduct		-28.64		
	For >100, Deduct		-41.26		
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		523.37		67.81
	For 5 Ply Construction, Add		13.57		
	For Stave Lumber Core (SLC), Add		290.81		
	For Structural Composite Lumber Core (SCLC), Add		174.48		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add		46.53		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add		209.38		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add		290.81		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add		465.29		
	For >50 To 100, Deduct		-29.56		
	For >100, Deduct		-42.64		
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		571.15		73.24
	For 5 Ply Construction, Add		14.86		
	For Stave Lumber Core (SLC), Add		318.50		
	For Structural Composite Lumber Core (SCLC), Add		191.10		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add		50.96		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add		229.32		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add		318.50		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add		509.60		
	For >50 To 100, Deduct		-32.22		
	For >100, Deduct		-46.50		
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		472.40		59.67
	For 5 Ply Construction, Add		12.36		
	For Stave Lumber Core (SLC), Add		264.78		
	For Structural Composite Lumber Core (SCLC), Add		158.87		
	For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add		42.36		
	For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add		190.64		
	For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add		264.78		
	For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add		423.65		
	For >50 To 100, Deduct		-26.60		
	For >100, Deduct		-38.41		

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 16-0048	EA	2'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	472.38	59.67
		For 5 Ply Construction, Add	12.36	
		For Stave Lumber Core (SLC), Add	264.77	
		For Structural Composite Lumber Core (SCLC), Add	158.86	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	42.36	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	190.63	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	264.77	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	423.62	
		For >50 To 100, Deduct	-26.60	
		For >100, Deduct	-38.41	
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.....	488.83	62.39
		For 5 Ply Construction, Add	12.74	
		For Stave Lumber Core (SLC), Add	273.05	
		For Structural Composite Lumber Core (SCLC), Add	163.83	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	43.69	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	196.59	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	273.05	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	436.87	
		For >50 To 100, Deduct	-27.56	
		For >100, Deduct	-39.78	
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.....	488.83	62.39
		For 5 Ply Construction, Add	12.74	
		For Stave Lumber Core (SLC), Add	273.05	
		For Structural Composite Lumber Core (SCLC), Add	163.83	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	43.69	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	196.59	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	273.05	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	436.87	
		For >50 To 100, Deduct	-27.56	
		For >100, Deduct	-39.78	
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.....	510.69	62.39
		For 5 Ply Construction, Add	13.51	
		For Stave Lumber Core (SLC), Add	289.44	
		For Structural Composite Lumber Core (SCLC), Add	173.66	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	46.31	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	208.40	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	289.44	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	463.10	
		For >50 To 100, Deduct	-28.65	
		For >100, Deduct	-41.42	
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.....	537.99	65.10
		For 5 Ply Construction, Add	14.27	
		For Stave Lumber Core (SLC), Add	305.84	
		For Structural Composite Lumber Core (SCLC), Add	183.51	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	48.93	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	220.21	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	305.84	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	489.35	
		For >50 To 100, Deduct	-30.15	
		For >100, Deduct	-43.60	
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.....	560.32	65.10
		For 5 Ply Construction, Add	15.05	
		For Stave Lumber Core (SLC), Add	322.59	
		For Structural Composite Lumber Core (SCLC), Add	193.55	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	51.61	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	232.26	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	322.59	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	516.14	
		For >50 To 100, Deduct	-31.27	
		For >100, Deduct	-45.28	
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.....	576.91	67.81
		For 5 Ply Construction, Add	15.44	
		For Stave Lumber Core (SLC), Add	330.96	
		For Structural Composite Lumber Core (SCLC), Add	198.58	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	52.95	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	238.29	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	330.96	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	529.54	
		For >50 To 100, Deduct	-32.24	
		For >100, Deduct	-46.66	



			Openings	08
			Doors and Frames	08 10
			Wood Doors	08 14

MINOR			TOTAL DIRECT		DEMOLITION
CSI UOM DESCRIPTION			UNIT COST		UNIT COST
08 14 23 16-0055	EA	3'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	598.97		67.81
		For 5 Ply Construction, Add	16.22		
		For Stave Lumber Core (SLC), Add	347.51		
		For Structural Composite Lumber Core (SCLC), Add	208.50		
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	55.60		
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	250.20		
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	347.51		
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	556.01		
		For >50 To 100, Deduct	-33.34		
		For >100, Deduct	-48.37		
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.....	653.96		73.24
		For 5 Ply Construction, Add	17.76		
		For Stave Lumber Core (SLC), Add	380.61		
		For Structural Composite Lumber Core (SCLC), Add	228.37		
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	60.90		
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	274.04		
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	380.61		
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	608.98		
		For >50 To 100, Deduct	-36.36		
		For >100, Deduct	-52.71		
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.....	207.45		59.67
		For >50 To 100, Deduct	-13.36		
		For >100, Deduct	-18.54		
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.....	207.45		59.67
		For >50 To 100, Deduct	-13.36		
		For >100, Deduct	-18.54		
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.....	219.28		62.39
		For >50 To 100, Deduct	-14.08		
		For >100, Deduct	-19.57		
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.....	222.34		62.39
		For >50 To 100, Deduct	-14.24		
		For >100, Deduct	-19.79		
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.....	225.38		62.39
		For >50 To 100, Deduct	-14.39		
		For >100, Deduct	-20.02		
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.....	233.86		65.10
		For >50 To 100, Deduct	-14.95		
		For >100, Deduct	-20.79		
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.....	245.25		65.10
		For >50 To 100, Deduct	-15.52		
		For >100, Deduct	-21.65		
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.....	258.05		67.81
		For >50 To 100, Deduct	-16.29		
		For >100, Deduct	-22.74		
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.....	212.57		59.67
		For >50 To 100, Deduct	-13.61		
		For >100, Deduct	-18.93		
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.....	212.57		59.67
		For >50 To 100, Deduct	-13.61		
		For >100, Deduct	-18.93		
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.....	224.78		62.39
		For >50 To 100, Deduct	-14.36		
		For >100, Deduct	-19.98		
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.....	228.01		62.39
		For >50 To 100, Deduct	-14.52		
		For >100, Deduct	-20.22		
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.....	231.23		62.39
		For >50 To 100, Deduct	-14.68		
		For >100, Deduct	-20.46		
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.....	239.89		65.10
		For >50 To 100, Deduct	-15.25		
		For >100, Deduct	-21.25		
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.....	251.93		65.10
		For >50 To 100, Deduct	-15.85		
		For >100, Deduct	-22.15		
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.....	265.16		67.81
		For >50 To 100, Deduct	-16.65		
		For >100, Deduct	-23.28		
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.....	230.75		59.67
		For >50 To 100, Deduct	-14.52		
		For >100, Deduct	-20.29		
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.....	230.75		59.67
		For >50 To 100, Deduct	-14.52		
		For >100, Deduct	-20.29		
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.....	244.30		62.39
		For >50 To 100, Deduct	-15.33		
		For >100, Deduct	-21.44		

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 19-0021	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	248.14 -15.53 -21.73	62.39
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	252.00 -15.72 -22.02	62.39
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	261.27 -16.32 -22.85	65.10
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	275.67 -17.04 -23.93	65.10
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	290.42 -17.91 -25.17	67.81
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	229.12 -14.44 -20.17	59.67
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	229.12 -14.44 -20.17	59.67
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	237.56 -15.00 -20.94	62.39
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	243.68 -15.30 -21.40	62.39
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	246.74 -15.46 -21.62	62.39
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	255.18 -16.01 -22.39	65.10
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	262.15 -16.36 -22.92	65.10
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	290.25 -17.90 -25.16	67.81
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	297.98 -18.29 -25.74	67.81
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	313.46 -19.06 -26.90	67.81
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	235.50 -14.76 -20.65	59.67
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	235.50 -14.76 -20.65	59.67
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	244.13 -15.33 -21.43	62.39
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	250.60 -15.65 -21.91	62.39
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	253.83 -15.81 -22.16	62.39
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	262.46 -16.38 -22.94	65.10
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	269.83 -16.75 -23.49	65.10
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	299.26 -18.35 -25.84	67.81
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	307.44 -18.76 -26.45	67.81
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	323.80 -19.58 -27.68	67.81
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	258.14 -15.89 -22.34	59.67



			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 19-0048	EA	2'-4" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	258.14	59.67	
		For >50 To 100, Deduct	-15.89		
		For >100, Deduct	-22.34		
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	267.42	62.39	
		For >50 To 100, Deduct	-16.49		
		For >100, Deduct	-23.18		
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	275.15	62.39	
		For >50 To 100, Deduct	-16.88		
		For >100, Deduct	-23.76		
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	278.99	62.39	
		For >50 To 100, Deduct	-17.07		
		For >100, Deduct	-24.04		
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	288.26	65.10	
		For >50 To 100, Deduct	-17.87		
		For >100, Deduct	-24.87		
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	297.05	65.10	
		For >50 To 100, Deduct	-18.11		
		For >100, Deduct	-25.53		
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	331.17	67.81	
		For >50 To 100, Deduct	-19.95		
		For >100, Deduct	-28.23		
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	340.94	67.81	
		For >50 To 100, Deduct	-20.44		
		For >100, Deduct	-28.96		
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	360.51	67.81	
		For >50 To 100, Deduct	-21.42		
		For >100, Deduct	-30.43		
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 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 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	248.90	59.67	
		For >50 To 100, Deduct	-15.43		
		For >100, Deduct	-21.65		
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	248.90	59.67	
		For >50 To 100, Deduct	-15.43		
		For >100, Deduct	-21.65		
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	261.84	62.39	
		For >50 To 100, Deduct	-16.21		
		For >100, Deduct	-22.76		
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	269.34	62.39	
		For >50 To 100, Deduct	-16.59		
		For >100, Deduct	-23.32		
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	270.72	62.39	
		For >50 To 100, Deduct	-16.66		
		For >100, Deduct	-23.42		
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	277.55	65.10	
		For >50 To 100, Deduct	-17.13		
		For >100, Deduct	-24.07		
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	293.80	65.10	
		For >50 To 100, Deduct	-17.95		
		For >100, Deduct	-25.29		
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	328.87	67.81	
		For >50 To 100, Deduct	-19.83		
		For >100, Deduct	-28.06		
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	256.45	59.67	
		For >50 To 100, Deduct	-15.81		
		For >100, Deduct	-22.22		
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	256.45	59.67	
		For >50 To 100, Deduct	-15.81		
		For >100, Deduct	-22.22		
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	269.82	62.39	
		For >50 To 100, Deduct	-16.61		
		For >100, Deduct	-23.36		
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	277.74	62.39	
		For >50 To 100, Deduct	-17.01		
		For >100, Deduct	-23.95		
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	279.22	62.39	
		For >50 To 100, Deduct	-17.08		
		For >100, Deduct	-24.06		

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 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.....	286.12	65.10	
		For >50 To 100, Deduct	-17.56		
		For >100, Deduct	-24.71		
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.....	303.33	65.10	
		For >50 To 100, Deduct	-18.42		
		For >100, Deduct	-26.00		
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.....	340.12	67.81	
		For >50 To 100, Deduct	-20.40		
		For >100, Deduct	-28.90		
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.....	283.19	59.67	
		For >50 To 100, Deduct	-17.14		
		For >100, Deduct	-24.22		
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.....	283.19	59.67	
		For >50 To 100, Deduct	-17.14		
		For >100, Deduct	-24.22		
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.....	298.10	62.39	
		For >50 To 100, Deduct	-18.02		
		For >100, Deduct	-25.48		
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.....	307.58	62.39	
		For >50 To 100, Deduct	-18.50		
		For >100, Deduct	-26.19		
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.....	309.33	62.39	
		For >50 To 100, Deduct	-18.59		
		For >100, Deduct	-26.32		
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.....	316.53	65.10	
		For >50 To 100, Deduct	-19.08		
		For >100, Deduct	-26.99		
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.....	337.09	65.10	
		For >50 To 100, Deduct	-20.11		
		For >100, Deduct	-28.54		
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.....	380.01	67.81	
		For >50 To 100, Deduct	-22.39		
		For >100, Deduct	-31.89		
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 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 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.....	282.14	59.67	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	19.53		
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	87.90		
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	122.09		
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	195.34		
		For >50 To 100, Deduct	-17.09		
		For >100, Deduct	-24.14		
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.....	282.14	59.67	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	19.53		
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	87.90		
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	122.09		
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	195.34		
		For >50 To 100, Deduct	-17.09		
		For >100, Deduct	-24.14		
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.....	296.98	62.39	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	20.67		
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	92.99		
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	129.16		
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	206.65		
		For >50 To 100, Deduct	-17.97		
		For >100, Deduct	-25.39		
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.....	306.38	62.39	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	21.79		
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	98.07		
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	136.21		
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	217.93		
		For >50 To 100, Deduct	-18.44		
		For >100, Deduct	-26.10		



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 19-0087	EA		2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	308.13	62.39
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	22.00	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	99.01	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	137.52	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	220.03	
			For >50 To 100, Deduct	-18.53	
			For >100, Deduct	-26.23	
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	315.33	65.10
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	22.22	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	99.97	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	138.85	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	222.16	
			For >50 To 100, Deduct	-19.02	
			For >100, Deduct	-26.90	
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	335.74	65.10
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	24.66	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	110.99	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	154.16	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	246.65	
			For >50 To 100, Deduct	-20.04	
			For >100, Deduct	-28.44	
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	378.43	67.81
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	29.14	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	131.11	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	182.10	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	291.36	
			For >50 To 100, Deduct	-22.31	
			For >100, Deduct	-31.77	
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	390.59	67.81
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	30.60	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	137.68	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	191.22	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	305.95	
			For >50 To 100, Deduct	-22.92	
			For >100, Deduct	-32.69	
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	414.84	67.81
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	33.51	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	150.77	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	209.41	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	335.05	
			For >50 To 100, Deduct	-24.13	
			For >100, Deduct	-34.50	
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	291.62	59.67
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	20.67	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	93.02	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	129.20	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	206.71	
			For >50 To 100, Deduct	-17.57	
			For >100, Deduct	-24.86	
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	291.62	59.67
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	20.67	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	93.02	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	129.20	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	206.71	
			For >50 To 100, Deduct	-17.57	
			For >100, Deduct	-24.86	
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	307.00	62.39
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	21.87	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	98.40	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	136.67	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	218.68	
			For >50 To 100, Deduct	-18.47	
			For >100, Deduct	-26.14	
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	316.96	62.39
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	23.06	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	103.78	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	144.14	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	230.63	
			For >50 To 100, Deduct	-18.97	
			For >100, Deduct	-26.89	

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 19-0097	EA	2'-10" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	318.81	62.39	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	23.28		
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	104.78		
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	145.53		
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	232.85		
		For >50 To 100, Deduct	-19.06		
		For >100, Deduct	-27.03		
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.....	326.11	65.10	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	23.51		
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	105.79		
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	146.93		
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	235.09		
		For >50 To 100, Deduct	-19.56		
		For >100, Deduct	-27.71		
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.....	347.69	65.10	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	26.10		
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	117.44		
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	163.12		
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	260.99		
		For >50 To 100, Deduct	-20.64		
		For >100, Deduct	-29.33		
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.....	392.56	67.81	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	30.83		
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	138.74		
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	192.70		
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	308.32		
		For >50 To 100, Deduct	-23.02		
		For >100, Deduct	-32.83		
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.....	405.42	67.81	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	32.37		
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	145.69		
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	202.34		
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	323.75		
		For >50 To 100, Deduct	-23.66		
		For >100, Deduct	-33.80		
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.....	431.10	67.81	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	35.46		
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	159.55		
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	221.60		
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	354.56		
		For >50 To 100, Deduct	-24.95		
		For >100, Deduct	-35.72		
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.....	325.20	59.67	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	24.70		
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	111.15		
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	154.38		
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	247.01		
		For >50 To 100, Deduct	-19.24		
		For >100, Deduct	-27.37		
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.....	325.20	59.67	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	24.70		
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	111.15		
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	154.38		
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	247.01		
		For >50 To 100, Deduct	-19.24		
		For >100, Deduct	-27.37		
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.....	342.54	62.39	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	26.13		
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	117.60		
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	163.33		
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	261.32		
		For >50 To 100, Deduct	-20.25		
		For >100, Deduct	-28.81		
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.....	354.44	62.39	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	27.56		
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	124.02		
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	172.25		
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	275.60		
		For >50 To 100, Deduct	-20.84		
		For >100, Deduct	-29.70		



			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 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.....	356.64		62.39
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	27.82		
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	125.21		
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	173.90		
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	278.24		
		For >50 To 100, Deduct	-20.95		
		For >100, Deduct	-29.87		
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.....	364.32		65.10
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	28.09		
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	126.42		
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	175.59		
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	280.94		
		For >50 To 100, Deduct	-21.47		
		For >100, Deduct	-30.58		
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.....	390.11		65.10
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	31.19		
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	140.35		
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	194.93		
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	311.89		
		For >50 To 100, Deduct	-22.76		
		For >100, Deduct	-32.51		
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.....	442.65		67.81
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	36.84		
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	165.79		
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	230.27		
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	368.42		
		For >50 To 100, Deduct	-25.52		
		For >100, Deduct	-36.59		
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.....	458.03		67.81
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	38.69		
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	174.10		
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	241.80		
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	386.88		
		For >50 To 100, Deduct	-26.29		
		For >100, Deduct	-37.74		
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.....	488.72		67.81
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	42.37		
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	190.07		
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	264.82		
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	423.71		
		For >50 To 100, Deduct	-27.83		
		For >100, Deduct	-40.04		
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.....	464.09		156.25
08 14 66 00-0003	EA	3' x 6'-8" x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware.....	488.20		173.60
08 14 66 00-0004	EA	2'-8" x 7" x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware.....	464.09		156.25
08 14 66 00-0005	EA	3' x 7' x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware.....	488.20		173.60
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.....	467.17		37.98
		For Oak, Add	107.98		
		For Ash/Hickory, Add	157.27		
		For Walnut, Add	229.26		
		For Cherry, Add	372.84		
08 14 73 00-0006	EA	2'-4" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	482.08		40.69
		For Oak, Add	110.60		
		For Ash/Hickory, Add	161.09		
		For Walnut, Add	234.82		
		For Cherry, Add	381.89		

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 00-0007	EA		2'-6" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	499.34	43.40
			For Oak, Add	113.87	
			For Ash/Hickory, Add	165.85	
			For Walnut, Add	241.77	
			For Cherry, Add	393.18	
08 14 73 00-0008	EA		2'-8" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	511.88	46.12
			For Oak, Add	115.83	
			For Ash/Hickory, Add	168.71	
			For Walnut, Add	245.93	
			For Cherry, Add	399.96	
08 14 73 00-0009	EA		2'-10" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	529.18	48.83
			For Oak, Add	119.11	
			For Ash/Hickory, Add	173.48	
			For Walnut, Add	252.88	
			For Cherry, Add	411.26	
08 14 73 00-0010	EA		3'-0" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	544.08	51.54
			For Oak, Add	121.72	
			For Ash/Hickory, Add	177.29	
			For Walnut, Add	258.44	
			For Cherry, Add	420.29	
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.....	918.09	67.81
			For Oak, Add	215.96	
			For Ash/Hickory, Add	314.55	
			For Walnut, Add	458.52	
			For Cherry, Add	745.68	
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.....	971.61	73.24
			For Oak, Add	227.74	
			For Ash/Hickory, Add	331.71	
			For Walnut, Add	483.53	
			For Cherry, Add	786.36	
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.....	1,039.39	78.67
			For Oak, Add	243.45	
			For Ash/Hickory, Add	354.58	
			For Walnut, Add	516.88	
			For Cherry, Add	840.59	
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.....	550.16	37.98
			For Oak, Add	110.97	
			For Ash/Hickory, Add	110.97	
			For Walnut, Add	182.57	
			For Cherry, Add	342.86	
08 14 73 00-0016	EA		2'-4" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	576.92	40.69
			For Oak, Add	115.96	
			For Ash/Hickory, Add	115.96	
			For Walnut, Add	190.79	
			For Cherry, Add	358.29	
08 14 73 00-0017	EA		2'-6" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	596.56	43.40
			For Oak, Add	119.29	
			For Ash/Hickory, Add	119.29	
			For Walnut, Add	196.27	
			For Cherry, Add	368.58	
08 14 73 00-0018	EA		2'-8" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	613.84	46.12
			For Oak, Add	122.06	
			For Ash/Hickory, Add	122.06	
			For Walnut, Add	200.83	
			For Cherry, Add	377.15	
08 14 73 00-0019	EA		2'-10" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	628.77	48.83
			For Oak, Add	124.28	
			For Ash/Hickory, Add	124.28	
			For Walnut, Add	204.49	
			For Cherry, Add	384.01	
08 14 73 00-0020	EA		3'-0" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	648.41	51.54
			For Oak, Add	127.61	
			For Ash/Hickory, Add	127.61	
			For Walnut, Add	209.96	
			For Cherry, Add	394.29	
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.....	1,084.07	67.81
			For Oak, Add	221.93	
			For Ash/Hickory, Add	221.93	
			For Walnut, Add	365.15	
			For Cherry, Add	685.72	
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.....	1,166.04	73.24
			For Oak, Add	238.58	
			For Ash/Hickory, Add	238.58	
			For Walnut, Add	392.53	
			For Cherry, Add	737.15	
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.....	1,248.05	78.67
			For Oak, Add	255.23	
			For Ash/Hickory, Add	255.23	
			For Walnut, Add	419.92	
			For Cherry, Add	788.58	



		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 00-0024			1-3/4" Thick, Birch Faced Wood Pocket Door (08 14 73 00-0002) See CSI section 08 14 73 00-0055 for all jambs 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	692.43	37.98	
		For Oak, Add	144.26		
		For Ash/Hickory, Add	144.26		
		For Walnut, Add	237.35		
		For Cherry, Add	445.72		
08 14 73 00-0027	EA	2'-4" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	726.30	40.69	
		For Oak, Add	150.92		
		For Ash/Hickory, Add	150.92		
		For Walnut, Add	248.30		
		For Cherry, Add	466.29		
08 14 73 00-0028	EA	2'-6" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	745.94	43.40	
		For Oak, Add	154.25		
		For Ash/Hickory, Add	154.25		
		For Walnut, Add	253.78		
		For Cherry, Add	476.58		
08 14 73 00-0029	EA	2'-8" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	767.96	46.12	
		For Oak, Add	158.13		
		For Ash/Hickory, Add	158.13		
		For Walnut, Add	260.17		
		For Cherry, Add	488.57		
08 14 73 00-0030	EA	2'-10" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	787.63	48.83	
		For Oak, Add	161.46		
		For Ash/Hickory, Add	161.46		
		For Walnut, Add	265.65		
		For Cherry, Add	498.86		
08 14 73 00-0031	EA	3'-0" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	807.28	51.54	
		For Oak, Add	164.79		
		For Ash/Hickory, Add	164.79		
		For Walnut, Add	271.12		
		For Cherry, Add	509.15		
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	1,368.60	67.81	
		For Oak, Add	288.51		
		For Ash/Hickory, Add	288.51		
		For Walnut, Add	474.69		
		For Cherry, Add	891.44		
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	1,464.80	73.24	
		For Oak, Add	308.49		
		For Ash/Hickory, Add	308.49		
		For Walnut, Add	507.56		
		For Cherry, Add	953.15		
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	1,565.77	78.67	
		For Oak, Add	329.57		
		For Ash/Hickory, Add	329.57		
		For Walnut, Add	542.25		
		For Cherry, Add	1,018.29		
08 14 73 00-0035					
08 14 73 00-0036	EA	2'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	739.85	37.98	
		For Oak, Add	155.35		
		For Ash/Hickory, Add	155.35		
		For Walnut, Add	255.61		
		For Cherry, Add	480.01		
08 14 73 00-0037	EA	2'-4" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	778.46	40.69	
		For Oak, Add	163.12		
		For Ash/Hickory, Add	163.12		
		For Walnut, Add	268.38		
		For Cherry, Add	504.00		
08 14 73 00-0038	EA	2'-6" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	800.47	43.40	
		For Oak, Add	167.01		
		For Ash/Hickory, Add	167.01		
		For Walnut, Add	274.77		
		For Cherry, Add	516.01		
08 14 73 00-0039	EA	2'-8" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	822.50	46.12	
		For Oak, Add	170.89		
		For Ash/Hickory, Add	170.89		
		For Walnut, Add	281.17		
		For Cherry, Add	528.01		
08 14 73 00-0040	EA	2'-10" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	842.17	48.83	
		For Oak, Add	174.22		
		For Ash/Hickory, Add	174.22		
		For Walnut, Add	286.64		
		For Cherry, Add	538.30		
08 14 73 00-0041	EA	3'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	864.18	51.54	
		For Oak, Add	178.10		
		For Ash/Hickory, Add	178.10		
		For Walnut, Add	293.03		
		For Cherry, Add	550.29		

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 00-0042	EA		4' Wide, Two 2'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,463.45	67.81
			For Oak, Add	310.71	
			For Ash/Hickory, Add	310.71	
			For Walnut, Add	511.21	
			For Cherry, Add	960.01	
08 14 73 00-0043	EA		5' Wide, Two 2'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,573.87	73.24
			For Oak, Add	334.01	
			For Ash/Hickory, Add	334.01	
			For Walnut, Add	549.55	
			For Cherry, Add	1,032.01	
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	1,679.59	78.67
			For Oak, Add	356.21	
			For Ash/Hickory, Add	356.21	
			For Walnut, Add	586.07	
			For Cherry, Add	1,100.59	
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	787.27	37.98
			For Oak, Add	166.45	
			For Ash/Hickory, Add	166.45	
			For Walnut, Add	273.86	
			For Cherry, Add	514.29	
08 14 73 00-0047	EA		2'-4" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	825.89	40.69
			For Oak, Add	174.22	
			For Ash/Hickory, Add	174.22	
			For Walnut, Add	286.64	
			For Cherry, Add	538.30	
08 14 73 00-0048	EA		2'-6" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	850.26	43.40
			For Oak, Add	178.66	
			For Ash/Hickory, Add	178.66	
			For Walnut, Add	293.94	
			For Cherry, Add	552.00	
08 14 73 00-0049	EA		2'-8" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	874.66	46.12
			For Oak, Add	183.10	
			For Ash/Hickory, Add	183.10	
			For Walnut, Add	301.25	
			For Cherry, Add	565.72	
08 14 73 00-0050	EA		2'-10" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	894.33	48.83
			For Oak, Add	186.43	
			For Ash/Hickory, Add	186.43	
			For Walnut, Add	306.73	
			For Cherry, Add	576.01	
08 14 73 00-0051	EA		3'-0" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	918.72	51.54
			For Oak, Add	190.86	
			For Ash/Hickory, Add	190.86	
			For Walnut, Add	314.03	
			For Cherry, Add	589.72	
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	1,558.29	67.81
			For Oak, Add	332.90	
			For Ash/Hickory, Add	332.90	
			For Walnut, Add	547.72	
			For Cherry, Add	1,028.58	
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	1,673.46	73.24
			For Oak, Add	357.32	
			For Ash/Hickory, Add	357.32	
			For Walnut, Add	587.89	
			For Cherry, Add	1,104.01	
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	1,788.66	78.67
			For Oak, Add	381.73	
			For Ash/Hickory, Add	381.73	
			For Walnut, Add	628.06	
			For Cherry, Add	1,179.44	
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	127.65	
			For Oak, Add	8.29	
			For Ash/Hickory, Add	12.99	
			For Walnut, Add	28.41	
			For Cherry, Add	44.99	
08 14 73 00-0058	EA		5-1/4" Birch Jamb Replacement For Pocket Doors	130.01	
			For Oak, Add	8.56	
			For Ash/Hickory, Add	13.41	
			For Walnut, Add	29.32	
			For Cherry, Add	46.44	
08 14 73 00-0059	EA		6-9/16" Or 6-3/4" Birch Jamb Replacement For Pocket Doors	145.40	
			For Oak, Add	10.30	
			For Ash/Hickory, Add	16.13	
			For Walnut, Add	35.28	
			For Cherry, Add	55.87	



		Openings	08
		Doors and Frames	08 10
		Wood Doors	08 14

MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 73 00-0060		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	331.51	
08 14 73 00-0062	EA 2'-8" x 6'-8" Door Track And Hardware Replacement For Pocket Door	334.63	
08 14 73 00-0063	EA 3'-0" x 6'-8" Door Track And Hardware Replacement For Pocket Door	340.89	
08 14 73 00-0064	EA Up To 2'-6" x 7' Door Track And Hardware Replacement For Pocket Door	400.29	
08 14 73 00-0065	EA 2'-8" x 7' Door Track And Hardware Replacement For Pocket Door	403.42	
08 14 73 00-0066	EA 3'-0" x 7' Door Track And Hardware Replacement For Pocket Door	409.67	
08 14 73 00-0067	EA Up To 2'-6" x 8' Door Track And Hardware	431.56	
08 14 73 00-0068	EA 2'-8" x 8' Door Track And Hardware Replacement For Pocket Door	434.69	
08 14 73 00-0069	EA 3'-0" x 8' Door Track And Hardware Replacement For Pocket Door	440.94	
08 14 73 00-0070	EA Double Door Converging Kit For Pocket Door	47.55	
08 14 73 00-0071		Bi-Pass Doors (08 14 73)	
Note: Includes unfinished doors, fascia track, hangers, door guide, doorstop, 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	439.56	86.77
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	483.67	92.18
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	528.31	97.61
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	732.87	103.04
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	408.74	86.77
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	435.62	92.18
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	475.43	97.61
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	671.24	103.04
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	440.42	86.77
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	481.52	92.18
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	524.75	97.61
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	734.61	103.04
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 doorframe 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	205.58	65.07
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	216.42	70.50
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	232.30	75.92
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	243.14	81.34
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	318.29	86.77
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	329.14	92.18
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	350.65	97.61
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	217.88	65.07
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	232.76	70.50
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	251.36	75.92
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	262.20	81.34
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	344.64	86.77
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	370.22	92.18
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	397.33	97.61
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	218.45	65.07
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	240.65	70.50
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	258.63	75.92
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	269.47	81.34
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	351.00	86.77
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	364.41	92.18
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	397.33	97.61
08 14 76 00-0026		Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors (08 14 76 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 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.....	584.27	65.07	
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.....	668.49	70.50	
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.....	764.61	75.92	
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.....	775.45	81.34	
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.....	1,081.78	86.77	
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.....	1,239.38	92.18	
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.....	1,420.76	97.61	

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.....	752.84	65.07
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.....	817.22	70.50
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.....	893.51	75.92
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.....	904.35	81.34
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.....	1,419.90	86.77
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.....	1,536.84	92.18
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.....	1,678.56	97.61

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.....	209.91	65.07
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.....	225.81	70.50
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.....	247.37	75.92
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.....	249.18	81.34
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.....	311.16	86.77
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.....	336.17	92.18
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.....	377.59	97.61

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)**08 15 13 00-0001 High Pressure Laminated Plastic Doors (08 15 13)**

Note: 0.125" acrylic/PVC thermoplastic face sheet over 16 gauge welded steel tube framework and a core of resin impregnated Kraft honeycomb (Urethane insulation). Panel capping channel to be 304 stainless steel.

08 15 13 00-0002	EA	1'-6" x 6'-8" x 1-3/8" Thick, Plastic High Pressure Laminate Door.....	269.56	54.25
08 15 13 00-0003	EA	1'-6" x 6'-8" x 1-3/4" Thick, Plastic High Pressure Laminate Door.....	269.56	54.25
08 15 13 00-0004	EA	1'-6" x 7' x 1-3/8" Thick, Plastic High Pressure Laminate Door.....	269.56	54.25
08 15 13 00-0005	EA	1'-6" x 7' x 1-3/4" Thick, Plastic High Pressure Laminate Door.....	269.56	54.25
08 15 13 00-0006	EA	2' x 6'-8" x 1-3/8" Thick, Plastic High Pressure Laminate Door.....	280.42	59.67
08 15 13 00-0007	EA	2' x 6'-8" x 1-3/4" Thick, Plastic High Pressure Laminate Door.....	280.42	59.67
08 15 13 00-0008	EA	2' x 7' x 1-3/8" Thick, Plastic High Pressure Laminate Door.....	280.42	59.67
08 15 13 00-0009	EA	2' x 7' x 1-3/4" Thick, Plastic High Pressure Laminate Door.....	280.42	59.67
08 15 13 00-0010	EA	2'-6" x 6'-8" x 1-3/8" Thick, Plastic High Pressure Laminate Door.....	302.47	62.39
08 15 13 00-0011	EA	2'-6" x 6'-8" x 1-3/4" Thick, Plastic High Pressure Laminate Door.....	302.47	62.39
08 15 13 00-0012	EA	2'-6" x 7' x 1-3/8" Thick, Plastic High Pressure Laminate Door.....	302.47	59.67
08 15 13 00-0013	EA	2'-6" x 7' x 1-3/4" Thick, Plastic High Pressure Laminate Door.....	302.47	62.39
08 15 13 00-0014	EA	3' x 6'-8" x 1-3/8" Thick, Plastic High Pressure Laminate Door.....	324.53	65.10
08 15 13 00-0015	EA	3' x 6'-8" x 1-3/4" Thick, Plastic High Pressure Laminate Door.....	324.53	65.10
08 15 13 00-0016	EA	3' x 7' x 1-3/8" Thick, Plastic High Pressure Laminate Door.....	324.53	65.10
08 15 13 00-0017	EA	3' x 7' x 1-3/4" Thick, Plastic High Pressure Laminate Door.....	324.53	65.10
08 15 13 00-0018	EA	3'-6" x 6'-8" x 1-3/8" Thick, Plastic High Pressure Laminate Door.....	356.22	67.81
08 15 13 00-0019	EA	3'-6" x 6'-8" x 1-3/4" Thick, Plastic High Pressure Laminate Door.....	356.22	67.81
08 15 13 00-0020	EA	3'-6" x 7' x 1-3/8" Thick, Plastic High Pressure Laminate Door.....	356.22	67.81
08 15 13 00-0021	EA	3'-6" x 7' x 1-3/4" Thick, Plastic High Pressure Laminate Door.....	356.22	67.81
08 15 13 00-0022	EA	4' x 6'-8" x 1-3/8" Thick, Plastic High Pressure Laminate Door.....	401.21	73.24
08 15 13 00-0023	EA	4' x 6'-8" x 1-3/4" Thick, Plastic High Pressure Laminate Door.....	401.21	73.24
08 15 13 00-0024	EA	4' x 7' x 1-3/8" Thick, Plastic High Pressure Laminate Door.....	401.21	73.24
08 15 13 00-0025	EA	4' x 7' x 1-3/4" Thick, Plastic High Pressure Laminate Door.....	401.21	73.24

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)



Openings			08	08
Doors and Frames			08 10	
Composite Doors			08 16	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 16 13 00-0002 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) doorframe, 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)..... For Custom Color Finish, Add For Stainless Steel Continuous Hinge, Add	2,925.40 152.13 338.61	65.10
08 16 13 00-0007 EA 3'-6" x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)..... For Custom Color Finish, Add For Stainless Steel Continuous Hinge, Add	3,122.82 152.13 338.61	67.81
08 16 13 00-0008 EA 4' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)..... For Custom Color Finish, Add For Stainless Steel Continuous Hinge, Add	3,423.28 152.13 338.61	73.24
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 16 13 00-0010 EA 3' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)..... For Custom Color Finish, Add For Stainless Steel Continuous Hinge, Add	2,925.40 152.13 338.61	65.10
08 16 13 00-0011 EA 3'-6" x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)..... For Custom Color Finish, Add For Stainless Steel Continuous Hinge, Add	3,200.92 152.13 338.61	67.81
08 16 13 00-0012 EA 4' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)..... For Custom Color Finish, Add For Stainless Steel Continuous Hinge, Add	3,506.26 152.13 338.61	73.24
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) doorframe, 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)..... For Custom Color Finish, Add For Stainless Steel Continuous Hinge, Add	3,472.08 152.13 338.61	65.10
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)..... For Custom Color Finish, Add For Stainless Steel Continuous Hinge, Add	3,544.22 152.13 338.61	67.81
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)..... For Custom Color Finish, Add For Stainless Steel Continuous Hinge, Add	4,041.54 152.13 338.61	73.24
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)..... For Custom Color Finish, Add For Stainless Steel Continuous Hinge, Add	3,472.08 152.13 338.61	65.10
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)..... For Custom Color Finish, Add For Stainless Steel Continuous Hinge, Add	3,798.03 152.13 338.61	67.81
08 16 13 00-0022 EA 4' x 7', 45 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	4,135.91 152.13 338.61	73.24
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	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 00-0024	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)		3,472.08		65.10	
		For Custom Color Finish, Add		152.13			
		For Stainless Steel Continuous Hinge, Add		338.61			
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)		3,544.22		67.81	
		For Custom Color Finish, Add		152.13			
		For Stainless Steel Continuous Hinge, Add		338.61			
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)		4,041.54		73.24	
		For Custom Color Finish, Add		152.13			
		For Stainless Steel Continuous Hinge, Add		338.61			
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)		3,472.08		65.10	
		For Custom Color Finish, Add		152.13			
		For Stainless Steel Continuous Hinge, Add		338.61			
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)		3,798.03		67.81	
		For Custom Color Finish, Add		152.13			
		For Stainless Steel Continuous Hinge, Add		338.61			
08 16 13 00-0031	EA	4' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)		4,135.91		73.24	
		For Custom Color Finish, Add		152.13			
		For Stainless Steel Continuous Hinge, Add		338.61			
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)		3,472.08		65.10	
		For Custom Color Finish, Add		152.13			
		For Stainless Steel Continuous Hinge, Add		338.61			
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)		3,544.22		67.81	
		For Custom Color Finish, Add		152.13			
		For Stainless Steel Continuous Hinge, Add		338.61			
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)		4,041.54		73.24	
		For Custom Color Finish, Add		152.13			
		For Stainless Steel Continuous Hinge, Add		338.61			
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)		3,472.08		65.10	
		For Custom Color Finish, Add		152.13			
		For Stainless Steel Continuous Hinge, Add		338.61			
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)		3,798.03		67.81	
		For Custom Color Finish, Add		152.13			
		For Stainless Steel Continuous Hinge, Add		338.61			
08 16 13 00-0040	EA	4' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)		4,135.91		73.24	
		For Custom Color Finish, Add		152.13			
		For Stainless Steel Continuous Hinge, Add		338.61			
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) doorframe, 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)		3,092.99		65.10	
		For Custom Color Finish, Add		152.13			
		For Stainless Steel Continuous Hinge, Add		338.61			
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)						



Openings			08	08
Doors and Frames			08 10	
Composite Doors			08 16	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 16 13 00-0045	EA		3' x 7', Storm 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>	3,092.99 152.13 338.61	65.10
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)	0.42	
08 16 13 00-0048	SI		1/4" Laminated, Factory Installed Vision Glass (Chem-Pruf)	0.42	
08 16 13 00-0049	SI		1/4" Wire, Factory Installed Vision Glass (Chem-Pruf)	0.56	
08 16 13 00-0050	SI		1/2" Insulated, Factory Installed Vision Glass (Chem-Pruf)	0.54	
08 16 13 00-0051	SI		Factory Installed Molded Louver (Chem-Pruf)	1.07	
08 16 13 00-0052	SI		Factory Installed Molded Louver With Insect Screen (Chem-Pruf)	1.20	
08 16 13 00-0053	LF		Weather Strip (Chem-Pruf)	11.39	
08 16 13 00-0054	LF		Fiberglass Reinforced Polyester (FRP) Astragal With Seal (Chem-Pruf)	14.64	
08 16 13 00-0055	LF		1/2" Fiberglass Reinforced Polyester (FRP) Grooved Saddle Threshold (Chem-Pruf)	30.91	
08 16 13 00-0056	LF		Fiberglass Reinforced Polyester (FRP) Door Sweep (Chem-Pruf)	34.17	
08 16 13 00-0057	LF		2-1/4" Fiberglass Reinforced Polyester (FRP) Center Door Mullion (Chem-Pruf)	66.71	
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 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) doorframe, 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)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	2,236.49 152.13 338.61	65.10
08 16 13 00-0063	EA		3'-6" x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,267.52	67.81
			<i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	152.13 338.61	
08 16 13 00-0064	EA		4' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	2,376.80 152.13 338.61	73.24
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)	2,236.49	65.10
			<i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	152.13 338.61	
08 16 13 00-0067	EA		3'-6" x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,365.95	67.81
			<i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	152.13 338.61	
08 16 13 00-0068	EA		4' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	2,376.80	73.24
			<i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	152.13 338.61	
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) doorframe, 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)	3,713.01	65.10
			<i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	152.13 338.61	
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)	3,789.31	67.81
			<i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	152.13 338.61	
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)	3,969.47	73.24
			<i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	152.13 338.61	

08	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 00-0075			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).....	3,713.01	65.10
			For Custom Color Finish, Add	152.13	
			For Stainless Steel Continuous Hinge, Add	338.61	
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).....	3,816.87	67.81
			For Custom Color Finish, Add	152.13	
			For Stainless Steel Continuous Hinge, Add	338.61	
08 16 13 00-0078	EA		4' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	4,054.12	73.24
			For Custom Color Finish, Add	152.13	
			For Stainless Steel Continuous Hinge, Add	338.61	
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).....	3,713.01	65.10
			For Custom Color Finish, Add	152.13	
			For Stainless Steel Continuous Hinge, Add	338.61	
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).....	3,789.31	67.81
			For Custom Color Finish, Add	152.13	
			For Stainless Steel Continuous Hinge, Add	338.61	
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).....	3,969.47	73.24
			For Custom Color Finish, Add	152.13	
			For Stainless Steel Continuous Hinge, Add	338.61	
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).....	3,713.01	65.10
			For Custom Color Finish, Add	152.13	
			For Stainless Steel Continuous Hinge, Add	338.61	
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).....	3,816.87	67.81
			For Custom Color Finish, Add	152.13	
			For Stainless Steel Continuous Hinge, Add	338.61	
08 16 13 00-0087	EA		4' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	4,054.12	73.24
			For Custom Color Finish, Add	152.13	
			For Stainless Steel Continuous Hinge, Add	338.61	
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).....	3,713.01	65.10
			For Custom Color Finish, Add	152.13	
			For Stainless Steel Continuous Hinge, Add	338.61	
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).....	3,789.31	67.81
			For Custom Color Finish, Add	152.13	
			For Stainless Steel Continuous Hinge, Add	338.61	
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).....	3,969.47	73.24
			For Custom Color Finish, Add	152.13	
			For Stainless Steel Continuous Hinge, Add	338.61	
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).....	3,713.01	65.10
			For Custom Color Finish, Add	152.13	
			For Stainless Steel Continuous Hinge, Add	338.61	
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).....	3,816.87	67.81
			For Custom Color Finish, Add	152.13	
			For Stainless Steel Continuous Hinge, Add	338.61	



			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 00-0096	EA	4' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door) <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	4,054.12 152.13 338.61	73.24
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) doorframe, 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) <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	2,531.80 152.13 338.61	65.10
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) <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	2,531.80 152.13 338.61	65.10
08 16 13 00-0102		Accessories For Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors (Skule Door) (08 16 13 00-0058)		
08 16 13 00-0103	SI	1/4" Tempered, Factory Installed Vision Glass (Skule Door)	0.93	
08 16 13 00-0104	SI	1/4" Laminated, Factory Installed Vision Glass (Skule Door)	0.96	
08 16 13 00-0105	SI	1/4" Wire, Factory Installed Vision Glass (Skule Door)	1.01	
08 16 13 00-0106	SI	1/2" Insulated, Factory Installed Vision Glass (Skule Door)	1.45	
08 16 13 00-0107	SI	Factory Installed Molded Louver (Skule Door)	0.57	
08 16 13 00-0108	SI	Factory Installed Molded Louver With Insect Screen (Skule Door)	0.92	
08 16 13 00-0109	LF	Weather Strip (Skule Door)	7.87	
08 16 13 00-0110	LF	Fiberglass Reinforced Polyester (FRP) Astragal With Seal (Skule Door)	9.84	
08 16 13 00-0111	LF	1/2" Fiberglass Reinforced Polyester (FRP) Grooved Saddle Threshold (Skule Door)	31.50	
08 16 13 00-0112	LF	Fiberglass Reinforced Polyester (FRP) Door Sweep (Skule Door)	112.21	
08 16 13 00-0113	LF	2-1/4" Fiberglass Reinforced Polyester (FRP) Center Door Mullion (Skule Door)	43.31	
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)	1,340.53	65.10
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: Includes 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 <i>For 8' Door Height, Add</i>	357.09 53.15	67.81
08 17 23 00-0005	EA	2'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door <i>For 8' Door Height, Add</i>	370.69 56.41	67.81
08 17 23 00-0006	EA	2'-8" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door <i>For 8' Door Height, Add</i>	389.74 59.69	70.53
08 17 23 00-0007	EA	3' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door <i>For 8' Door Height, Add</i>	399.21 60.66	73.24
08 17 23 00-0008	EA	3'-4" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door <i>For 8' Door Height, Add</i>	423.90 66.58	73.24
08 17 23 00-0009	EA	3'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door <i>For 8' Door Height, Add</i>	447.09 70.84	75.95
08 17 23 00-0010	EA	Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door <i>For 8' Door Height, Add</i>	665.35 106.30	111.22
08 17 23 00-0011	EA	Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door <i>For 8' Door Height, Add</i>	708.86 112.84	119.36
08 17 23 00-0012	EA	Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door <i>For 8' Door Height, Add</i>	760.46 121.31	127.49
08 17 23 00-0013		Lauan 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, Lauan Faced Door <i>For 8' Door Height, Add</i>	331.34 46.97	67.81
08 17 23 00-0015	EA	2'-6" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door <i>For 8' Door Height, Add</i>	344.62 50.16	67.81
08 17 23 00-0016	EA	2'-8" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door <i>For 8' Door Height, Add</i>	361.23 52.84	70.53

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 00-0017	EA		3' x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door.....	374.56	73.24
			<i>For 8' Door Height, Add</i>	54.74	
08 17 23 00-0018	EA		3'-4" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	396.37	73.24
			<i>For 8' Door Height, Add</i>	59.97	
08 17 23 00-0019	EA		3'-6" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	413.39	75.95
			<i>For 8' Door Height, Add</i>	62.76	
08 17 23 00-0020	EA		Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door.....	613.87	111.22
			<i>For 8' Door Height, Add</i>	93.94	
08 17 23 00-0021	EA		Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door	656.63	119.36
			<i>For 8' Door Height, Add</i>	100.30	
08 17 23 00-0022	EA		Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door.....	711.21	127.49
			<i>For 8' Door Height, Add</i>	109.49	
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	286.52	67.81
			<i>For 8' Door Height, Add</i>	36.21	
08 17 23 00-0025	EA		2'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	297.53	67.81
			<i>For 8' Door Height, Add</i>	38.86	
08 17 23 00-0026	EA		2'-8" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	308.17	70.53
			<i>For 8' Door Height, Add</i>	40.11	
08 17 23 00-0027	EA		3' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	324.05	73.24
			<i>For 8' Door Height, Add</i>	42.62	
08 17 23 00-0028	EA		3'-4" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	343.57	73.24
			<i>For 8' Door Height, Add</i>	47.30	
08 17 23 00-0029	EA		3'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	365.13	75.95
			<i>For 8' Door Height, Add</i>	51.17	
08 17 23 00-0030	EA		Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door.....	529.28	111.22
			<i>For 8' Door Height, Add</i>	73.64	
08 17 23 00-0031	EA		Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door	562.49	119.36
			<i>For 8' Door Height, Add</i>	77.71	
08 17 23 00-0032	EA		Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door.....	610.10	127.49
			<i>For 8' Door Height, Add</i>	85.23	
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.....	479.57	67.81
			<i>For 8' Door Height, Add</i>	82.55	
08 17 23 00-0036	EA		2'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	497.65	67.81
			<i>For 8' Door Height, Add</i>	86.88	
08 17 23 00-0037	EA		2'-8" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	521.12	70.53
			<i>For 8' Door Height, Add</i>	91.22	
08 17 23 00-0038	EA		3' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	548.57	73.24
			<i>For 8' Door Height, Add</i>	96.50	
08 17 23 00-0039	EA		3'-4" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	592.72	73.24
			<i>For 8' Door Height, Add</i>	107.10	
08 17 23 00-0040	EA		3'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	637.16	75.95
			<i>For 8' Door Height, Add</i>	116.46	
08 17 23 00-0041	EA		Pair 2' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	910.31	111.22
			<i>For 8' Door Height, Add</i>	165.09	
08 17 23 00-0042	EA		Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door.....	962.75	119.36
			<i>For 8' Door Height, Add</i>	173.77	
08 17 23 00-0043	EA		Pair 3' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door	1,059.16	127.49
			<i>For 8' Door Height, Add</i>	193.01	
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	685.21	67.81
			<i>For 8' Door Height, Add</i>	131.90	
08 17 23 00-0046	EA		2'-6" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	715.43	67.81
			<i>For 8' Door Height, Add</i>	139.15	
08 17 23 00-0047	EA		2'-8" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	751.03	70.53
			<i>For 8' Door Height, Add</i>	146.40	
08 17 23 00-0048	EA		3' x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door.....	786.95	73.24
			<i>For 8' Door Height, Add</i>	153.71	
08 17 23 00-0049	EA		3'-4" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	857.39	73.24
			<i>For 8' Door Height, Add</i>	170.62	
08 17 23 00-0050	EA		3'-6" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	908.31	75.95
			<i>For 8' Door Height, Add</i>	181.54	
08 17 23 00-0051	EA		Pair 2' x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	1,321.58	111.22
			<i>For 8' Door Height, Add</i>	263.79	
08 17 23 00-0052	EA		Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door.....	1,398.34	119.36
			<i>For 8' Door Height, Add</i>	278.31	
08 17 23 00-0053	EA		Pair 3' x 7' x 1-3/8" Prehung Solid Core, Lauan Faced Door	1,535.92	127.49
			<i>For 8' Door Height, Add</i>	307.43	
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	392.29	67.81
			<i>For 8' Door Height, Add</i>	61.60	



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 00-0056	EA		2'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	407.15	67.81
			For 8' Door Height, Add	65.16	
08 17 23 00-0057	EA		2'-8" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	427.48	70.53
			For 8' Door Height, Add	68.74	
08 17 23 00-0058	EA		3' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door.....	438.42	73.24
			For 8' Door Height, Add	70.07	
08 17 23 00-0059	EA		3'-4" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	470.61	73.24
			For 8' Door Height, Add	77.79	
08 17 23 00-0060	EA		3'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	496.80	75.95
			For 8' Door Height, Add	82.77	
08 17 23 00-0061	PR		Pair 2' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	735.75	111.22
			For 8' Door Height, Add	123.19	
08 17 23 00-0062	PR		Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door.....	781.73	119.36
			For 8' Door Height, Add	130.33	
08 17 23 00-0063	PR		Pair 3' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door	838.84	127.49
			For 8' Door Height, Add	140.13	
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.....	412.42	67.81
			For 8' Door Height, Add	66.43	
08 17 23 00-0067	EA		2'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	422.87	67.81
			For 8' Door Height, Add	68.94	
08 17 23 00-0068	EA		2'-8" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	432.15	70.53
			For 8' Door Height, Add	69.86	
08 17 23 00-0069	EA		3' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door.....	454.61	73.24
			For 8' Door Height, Add	73.95	
08 17 23 00-0070	EA		3'-4" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	499.81	73.24
			For 8' Door Height, Add	84.80	
08 17 23 00-0071	EA		3'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	558.05	75.95
			For 8' Door Height, Add	97.47	
08 17 23 00-0072	EA		Pair 2' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	776.05	111.22
			For 8' Door Height, Add	132.86	
08 17 23 00-0073	EA		Pair 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door.....	813.18	119.36
			For 8' Door Height, Add	137.88	
08 17 23 00-0074	EA		Pair 3' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door	871.27	127.49
			For 8' Door Height, Add	147.91	
08 17 23 00-0075 Luan 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, Luan Faced Door	384.25	67.81
			For 8' Door Height, Add	59.67	
08 17 23 00-0077	EA		2'-6" x 7' x 1-3/4" Prehung Hollow Core, Luan Faced Door	401.38	67.81
			For 8' Door Height, Add	63.78	
08 17 23 00-0078	EA		2'-8" x 7' x 1-3/4" Prehung Hollow Core, Luan Faced Door	420.71	70.53
			For 8' Door Height, Add	67.12	
08 17 23 00-0079	EA		3' x 7' x 1-3/4" Prehung Hollow Core, Luan Faced Door.....	431.64	73.24
			For 8' Door Height, Add	68.44	
08 17 23 00-0080	EA		3'-4" x 7' x 1-3/4" Prehung Hollow Core, Luan Faced Door	462.99	73.24
			For 8' Door Height, Add	75.96	
08 17 23 00-0081	EA		3'-6" x 7' x 1-3/4" Prehung Hollow Core, Luan Faced Door	488.67	75.95
			For 8' Door Height, Add	80.82	
08 17 23 00-0082	EA		Pair 2' x 7' x 1-3/4" Prehung Hollow Core, Luan Faced Door	719.69	111.22
			For 8' Door Height, Add	119.34	
08 17 23 00-0083	EA		Pair 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Luan Faced Door	770.22	119.36
			For 8' Door Height, Add	127.56	
08 17 23 00-0084	EA		Pair 3' x 7' x 1-3/4" Prehung Hollow Core, Luan Faced Door	825.32	127.49
			For 8' Door Height, Add	136.88	
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	323.63	67.81
			For 8' Door Height, Add	45.12	
08 17 23 00-0087	EA		2'-6" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	328.87	67.81
			For 8' Door Height, Add	46.38	
08 17 23 00-0088	EA		2'-8" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	344.74	70.53
			For 8' Door Height, Add	48.89	
08 17 23 00-0089	EA		3' x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door.....	360.62	73.24
			For 8' Door Height, Add	51.39	
08 17 23 00-0090	EA		3'-4" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	372.54	73.24
			For 8' Door Height, Add	54.25	
08 17 23 00-0091	EA		3'-6" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	396.48	75.95
			For 8' Door Height, Add	58.70	
08 17 23 00-0092	EA		Pair 2' x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	604.72	111.22
			For 8' Door Height, Add	91.75	
08 17 23 00-0093	EA		Pair 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door.....	625.18	119.36
			For 8' Door Height, Add	92.76	
08 17 23 00-0094	EA		Pair 3' x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door	683.27	127.49
			For 8' Door Height, Add	102.79	

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 00-0095		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 For 8' Door Height, Add	532.23 95.18	67.81
08 17 23 00-0098	EA	2'-6" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door For 8' Door Height, Add	548.74 99.15	67.81
08 17 23 00-0099	EA	2'-8" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door For 8' Door Height, Add	559.69 100.47	70.53
08 17 23 00-0100	EA	3' x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door For 8' Door Height, Add	581.63 104.44	73.24
08 17 23 00-0101	EA	3'-4" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door For 8' Door Height, Add	629.50 115.92	73.24
08 17 23 00-0102	EA	3'-6" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door For 8' Door Height, Add	683.26 127.53	75.95
08 17 23 00-0103	EA	Pair 2' x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door For 8' Door Height, Add	1,015.64 190.37	111.22
08 17 23 00-0104	EA	Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door For 8' Door Height, Add	1,064.93 198.30	119.36
08 17 23 00-0105	EA	Pair 3' x 7' x 1-3/4" Prehung Solid Core, Birch Faced Door For 8' Door Height, Add	1,125.29 208.87	127.49
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 For 8' Door Height, Add	883.70 179.54	67.81
08 17 23 00-0108	EA	2'-6" x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door For 8' Door Height, Add	885.87 180.06	67.81
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	912.84 185.23	70.53
08 17 23 00-0110	EA	3' x 7' x 1-3/4" Prehung Solid Core, Lauan Faced Door For 8' Door Height, Add	933.88 188.98	73.24
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	1,005.05 206.06	73.24
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	1,065.40 219.24	75.95
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	1,718.61 359.08	111.22
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	1,739.19 360.12	119.36
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	1,829.79 377.95	127.49
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	449.60 75.35	67.81
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	455.09 76.67	67.81
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	466.04 78.00	70.53
08 17 23 00-0120	EA	3' x 7' x 1-3/4" Prehung Solid Core, Hardboard Faced Door For 8' Door Height, Add	482.49 80.64	73.24
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	507.14 86.56	73.24
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	535.66 92.10	75.95
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	850.37 150.70	111.22
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	877.64 153.35	119.36
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	927.00 161.28	127.49
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	818.75 163.95	67.81
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	822.92 164.95	67.81
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	863.66 173.42	70.53
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	878.30 175.64	73.24
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	957.63 194.68	73.24
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	1,057.06 217.24	75.95
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	1,588.70 327.91	111.22
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	1,613.33 329.91	119.36



		Openings	08
		Doors and Frames	08 10
		Integrated Door Opening Assemblies	08 17

MINOR		DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
CSI	UOM			
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	1,718.64 351.28	127.49
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	1,032.10 215.15	67.81
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	1,069.37 224.10	67.81
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	1,087.28 227.10	70.53
08 17 23 00-0140	EA	3' x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door For 8' Door Height, Add	1,130.04 236.05	73.24
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	1,238.25 262.02	73.24
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	1,352.94 288.25	75.95
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	2,015.37 430.30	111.22
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	2,106.18 448.20	119.36
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	2,222.12 472.11	127.49
08 18		Glass Doors (08 10)		
08 18 16		Sliding Glass Doors (08 18)		
08 18 16 00-0001		Sliding Aluminum-Framed Glass Doors (08 18 16)		
08 18 16 00-0002		Residential Sliding Aluminum-Framed Glass Doors (08 18 16 00-0001)		
08 18 16 00-0003		5/8" Insulating Glass, Sliding Aluminum-Framed Glass Doors (08 18 16 00-0002)		
08 18 16 00-0004	SF	Up To 6' Wide Sliding Glass Door 5/8" Insulated Glass With Frame, Trim, Hardware For Custom Quality, Add For Tempered Glass, Add For Anodized Or Colored Aluminum Frames, Add	43.39 7.62 1.42 5.48	4.88
08 18 16 00-0005	SF	>6' Up To 12' Wide Sliding Glass Door 5/8" Insulated Glass With Frame, Trim, Hardware For Custom Quality, Add For Tempered Glass, Add For Anodized Or Colored Aluminum Frames, Add	36.65 7.28 1.42 5.24	3.04
08 18 16 00-0006		1" Insulating Glass, Sliding Aluminum-Framed Glass Doors (08 18 16 00-0002)		
08 18 16 00-0007	SF	Up To 6' Wide Sliding Glass Door 1" Insulated Glass With Frame, Trim, Hardware For Custom Quality, Add For Tempered Glass, Add For Anodized Or Colored Aluminum Frames, Add	48.85 8.98 1.42 6.47	4.88
08 18 16 00-0008	SF	>6' Up To 12' Wide Sliding Glass Door 1" Insulated Glass With Frame, Trim, Hardware For Custom Quality, Add For Tempered Glass, Add For Anodized Or Colored Aluminum Frames, Add	42.03 8.63 1.42 6.21	3.04
08 18 16 00-0009		Sliding Wood-Framed Glass Doors (08 18 16)		
08 18 16 00-0010		Residential Wood Sliding Doors With 5/8" Glass (08 18 16 00-0009)		
08 18 16 00-0011	EA	6' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware	1,890.05	146.48
08 18 16 00-0012	EA	8' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware	2,307.39	179.03
08 18 16 00-0013	EA	9' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware	2,666.13	206.15
08 18 16 00-0014	EA	6' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware	2,075.88	146.48
08 18 16 00-0015	EA	8' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware	2,547.40	179.03
08 18 16 00-0016	EA	9' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware	2,963.16	206.15
08 30		Specialty Doors and Frames (08)		
Note: Includes caulk, sealant and mounting anchors.				
08 31		Access Doors and Panels (08 30)		
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	458.05	57.84
08 31 13 00-0004	EA	12" x 18" Fire Rated Stainless Steel Access Door With Cam Latch	533.92	61.62
08 31 13 00-0005	EA	18" x 18" Fire Rated Stainless Steel Access Door With Cam Latch	624.42	65.17
08 31 13 00-0006	EA	24" x 18" Fire Rated Stainless Steel Access Door With Cam Latch	721.75	68.48
08 31 13 00-0007	EA	24" x 24" Fire Rated Stainless Steel Access Door With Cam Latch	738.54	68.83
08 31 13 00-0008	EA	24" x 36" Fire Rated Stainless Steel Access Door With Cam Latch	955.68	70.97

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

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	179.45	44.35
08 31 13 00-0011	EA	12" x 12" Stainless Steel Access Door With Cam Latch	215.37	57.84
08 31 13 00-0012	EA	12" x 18" Stainless Steel Access Door With Cam Latch	309.22	61.62
08 31 13 00-0013	EA	18" x 18" Stainless Steel Access Door With Cam Latch	332.02	65.17
08 31 13 00-0014	EA	24" x 18" Stainless Steel Access Door With Cam Latch	386.31	68.48
08 31 13 00-0015	EA	24" x 24" Stainless Steel Access Door With Cam Latch	441.40	68.83

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	253.70	58.19
08 31 13 00-0019	EA	12" x 18" Insulated Fire Rated Steel Access Door With Cam Latch	352.09	61.62
08 31 13 00-0020	EA	18" x 18" Insulated Fire Rated Steel Access Door With Cam Latch	351.57	65.17
08 31 13 00-0021	EA	24" x 18" Insulated Fire Rated Steel Access Door With Cam Latch	418.25	68.83
08 31 13 00-0022	EA	24" x 24" Insulated Fire Rated Steel Access Door With Cam Latch	437.43	68.83
08 31 13 00-0023	EA	24" x 36" Insulated Fire Rated Steel Access Door With Cam Latch	576.76	70.97
08 31 13 00-0024	EA	24" x 48" Insulated Fire Rated Steel Access Door With Cam Latch	665.82	73.92
08 31 13 00-0025	EA	36" x 36" Insulated Fire Rated Steel Access Door With Cam Latch	824.62	73.92
08 31 13 00-0026	EA	48" x 48" Insulated Fire Rated Steel Access Door With Cam Latch	1,058.77	88.70

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	143.44	44.59
08 31 13 00-0029	EA	12" x 12" Steel Access Door With Cam Latch	153.66	58.19
08 31 13 00-0030	EA	12" x 18" Steel Access Door With Cam Latch	177.30	61.62
08 31 13 00-0031	EA	18" x 18" Steel Access Door With Cam Latch	182.12	65.17
08 31 13 00-0032	EA	24" x 18" Steel Access Door With Cam Latch	216.82	68.83
08 31 13 00-0033	EA	24" x 24" Steel Access Door With Cam Latch	222.11	68.83
08 31 13 00-0034	EA	24" x 36" Steel Access Door With Cam Latch	287.93	70.97
08 31 13 00-0035	EA	36" x 36" Steel Access Door With Cam Latch	382.15	73.92

08 31 13 00-0036 Fiberglass Reinforced Polyester (FRP) Access Doors (08 31 13)

08 31 13 00-0037	EA	8" x 8" Fiberglass Reinforced Polyester (FRP) Access Door With Lock	176.59	44.35
08 31 13 00-0038	EA	12" x 12" Fiberglass Reinforced Polyester (FRP) Access Door With Lock	195.48	47.31
08 31 13 00-0039	EA	12" x 18" Fiberglass Reinforced Polyester (FRP) Access Door With Lock	241.47	50.26
08 31 13 00-0040	EA	18" x 18" Fiberglass Reinforced Polyester (FRP) Access Door With Lock	287.28	53.22
08 31 13 00-0041	EA	24" x 18" Fiberglass Reinforced Polyester (FRP) Access Door With Lock	336.22	55.94
08 31 13 00-0042	EA	24" x 24" Fiberglass Reinforced Polyester (FRP) Access Door With Lock	360.69	56.18

08 31 13 00-0043 Steel Recessed Access Doors For Drywall Application (08 31 13)

Note: Includes paintable powder coated finish.

08 31 13 00-0044	EA	8" x 8" Recessed Steel Access Door With Cam Latch	207.00	44.35
		For Recessed Doors In Acoustical Tile, Add	17.74	
08 31 13 00-0045	EA	12" x 12" Recessed Steel Access Door With Cam Latch	216.53	47.54
		For Recessed Doors In Acoustical Tile, Add	19.79	
08 31 13 00-0046	EA	12" x 18" Recessed Steel Access Door With Cam Latch	232.80	50.26
		For Recessed Doors In Acoustical Tile, Add	20.39	
08 31 13 00-0047	EA	18" x 18" Recessed Steel Access Door With Cam Latch	273.77	53.22
		For Recessed Doors In Acoustical Tile, Add	17.48	
08 31 13 00-0048	EA	24" x 18" Recessed Steel Access Door With Cam Latch	288.03	56.18
		For Recessed Doors In Acoustical Tile, Add	18.60	
08 31 13 00-0049	EA	24" x 24" Recessed Steel Access Door With Cam Latch	315.94	56.18
		For Recessed Doors In Acoustical Tile, Add	14.42	
08 31 13 00-0050	EA	24" x 36" Recessed Steel Access Door With Cam Latch	393.44	70.97
		For Recessed Doors In Acoustical Tile, Add	19.04	
08 31 13 00-0051	EA	36" x 36" Recessed Steel Access Door With Cam Latch	565.05	73.92
		For Recessed Doors In Acoustical Tile, Add	-3.45	

08 31 13 00-0052 Steel Crawl Space Doors And Frames (08 31 13)

Note: Includes paintable powder coated finish.

08 31 13 00-0053	EA	24" x 24" Steel Crawl Space Door With Cam Latch	237.52	74.86
08 31 13 00-0054	EA	30" x 24" Steel Crawl Space Door With Cam Latch	334.98	90.72
08 31 13 00-0055	EA	30" x 30" Steel Crawl Space Door With Cam Latch	375.68	98.52

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)



		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 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 topcoat 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) For Motor Operator (With Safety Reverse), Add	6,364.15 758.35	433.40
08 33 13 00-0004	EA	6' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650) For Motor Operator (With Safety Reverse), Add	6,684.19 758.35	433.40
08 33 13 00-0005	EA	8' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650) For Motor Operator (With Safety Reverse), Add	7,218.87 763.81	460.49
08 33 13 00-0006	EA	10' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650) For Motor Operator (With Safety Reverse), Add	7,748.42 784.76	541.74
08 33 13 00-0007	EA	4' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650) For Motor Operator (With Safety Reverse), Add	7,804.33 758.35	433.40
08 33 13 00-0008	EA	6' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650) For Motor Operator (With Safety Reverse), Add	8,164.74 770.39	481.50
08 33 13 00-0009	EA	8' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650) For Motor Operator (With Safety Reverse), Add	8,372.91 775.20	500.79
08 33 13 00-0010	EA	10' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650) For Motor Operator (With Safety Reverse), Add	8,875.30 785.44	541.74
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) For Motor Operator (With Safety Reverse), Add	7,164.25 758.35	433.40
08 33 13 00-0013	EA	6' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651) For Motor Operator (With Safety Reverse), Add	8,044.36 758.35	433.40
08 33 13 00-0014	EA	8' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651) For Motor Operator (With Safety Reverse), Add	8,259.00 763.81	460.49
08 33 13 00-0015	EA	10' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651) For Motor Operator (With Safety Reverse), Add	10,068.71 784.76	541.74
08 33 13 00-0016	EA	4' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651) For Motor Operator (With Safety Reverse), Add	8,604.43 758.35	433.40
08 33 13 00-0017	EA	6' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651) For Motor Operator (With Safety Reverse), Add	8,884.83 770.39	481.50
08 33 13 00-0018	EA	8' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651) For Motor Operator (With Safety Reverse), Add	9,093.00 775.20	500.79
08 33 13 00-0019	EA	10' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651) For Motor Operator (With Safety Reverse), Add	11,595.64 785.44	541.74
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) For Motor Operator (With Safety Reverse), Add	7,004.23 758.35	433.40
08 33 13 00-0022	EA	6' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652) For Motor Operator (With Safety Reverse), Add	7,324.27 758.35	433.40
08 33 13 00-0023	EA	8' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652) For Motor Operator (With Safety Reverse), Add	8,178.99 763.81	460.49
08 33 13 00-0024	EA	10' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652) For Motor Operator (With Safety Reverse), Add	9,668.66 784.76	541.74
08 33 13 00-0025	EA	4' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652) For Motor Operator (With Safety Reverse), Add	8,444.41 758.35	433.40
08 33 13 00-0026	EA	6' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652) For Motor Operator (With Safety Reverse), Add	8,804.82 770.39	481.50
08 33 13 00-0027	EA	8' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652) For Motor Operator (With Safety Reverse), Add	9,053.00 775.20	500.79
08 33 13 00-0028	EA	10' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652) For Motor Operator (With Safety Reverse), Add	11,435.62 785.44	541.74
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) For Motor Operator (With Safety Reverse), Add	8,284.39 758.35	433.40
08 33 13 00-0031	EA	6' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640) For Motor Operator (With Safety Reverse), Add	8,764.45 758.35	433.40
08 33 13 00-0032	EA	8' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640) For Motor Operator (With Safety Reverse), Add	9,459.15 763.81	460.49
08 33 13 00-0033	EA	10' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640) For Motor Operator (With Safety Reverse), Add	10,148.72 784.76	541.74
08 33 13 00-0034	EA	4' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640) For Motor Operator (With Safety Reverse), Add	9,244.51 758.35	433.40

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 13 00-0035 EA 6' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640) <i>For Motor Operator (With Safety Reverse), Add</i>	9,684.93 770.39	481.50
08 33 13 00-0036 EA 8' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640) <i>For Motor Operator (With Safety Reverse), Add</i>	10,053.12 775.20	500.79
08 33 13 00-0037 EA 10' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640) <i>For Motor Operator (With Safety Reverse), Add</i>	10,315.48 785.44	541.74
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) <i>For Motor Operator (With Safety Reverse), Add</i>	9,404.53 758.35	433.40
08 33 13 00-0040 EA 6' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641) <i>For Motor Operator (With Safety Reverse), Add</i>	10,684.69 758.35	433.40
08 33 13 00-0041 EA 8' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641) <i>For Motor Operator (With Safety Reverse), Add</i>	10,899.33 763.81	460.49
08 33 13 00-0042 EA 10' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641) <i>For Motor Operator (With Safety Reverse), Add</i>	13,349.12 784.76	541.74
08 33 13 00-0043 EA 4' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641) <i>For Motor Operator (With Safety Reverse), Add</i>	10,204.63 758.35	433.40
08 33 13 00-0044 EA 6' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641) <i>For Motor Operator (With Safety Reverse), Add</i>	10,565.04 770.39	481.50
08 33 13 00-0045 EA 8' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641) <i>For Motor Operator (With Safety Reverse), Add</i>	10,933.23 775.20	500.79
08 33 13 00-0046 EA 10' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641) <i>For Motor Operator (With Safety Reverse), Add</i>	13,515.88 785.44	541.74
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) <i>For Motor Operator (With Safety Reverse), Add</i>	13,565.05 758.35	433.40
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) <i>For Motor Operator (With Safety Reverse), Add</i>	13,885.09 758.35	433.40
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) <i>For Motor Operator (With Safety Reverse), Add</i>	20,330.05 763.81	460.49
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) <i>For Motor Operator (With Safety Reverse), Add</i>	14,789.30 784.76	541.74
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) <i>For Motor Operator (With Safety Reverse), Add</i>	14,045.11 758.35	433.40
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) <i>For Motor Operator (With Safety Reverse), Add</i>	14,485.53 770.39	481.50
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) <i>For Motor Operator (With Safety Reverse), Add</i>	14,853.72 775.20	500.79
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) <i>For Motor Operator (With Safety Reverse), Add</i>	16,556.26 785.44	541.74
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) <i>For Motor Operator (With Safety Reverse), Add</i>	11,964.85 758.35	433.40
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) <i>For Motor Operator (With Safety Reverse), Add</i>	12,284.89 758.35	433.40
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) <i>For Motor Operator (With Safety Reverse), Add</i>	12,659.55 763.81	460.49
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) <i>For Motor Operator (With Safety Reverse), Add</i>	13,189.10 784.76	541.74



		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 00-0062	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)		13,405.03	433.40
		<i>For Motor Operator (With Safety Reverse), Add</i>		758.35	
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)		13,845.45	481.50
		<i>For Motor Operator (With Safety Reverse), Add</i>		770.39	
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)		14,373.66	500.79
		<i>For Motor Operator (With Safety Reverse), Add</i>		775.20	
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)		14,796.04	541.74
		<i>For Motor Operator (With Safety Reverse), Add</i>		785.44	
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)		18,685.69	433.40
		<i>For Motor Operator (With Safety Reverse), Add</i>		758.35	
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)		20,285.89	433.40
		<i>For Motor Operator (With Safety Reverse), Add</i>		758.35	
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)		23,540.91	460.49
		<i>For Motor Operator (With Safety Reverse), Add</i>		763.81	
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)		25,350.62	541.74
		<i>For Motor Operator (With Safety Reverse), Add</i>		784.76	
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)		21,085.99	433.40
		<i>For Motor Operator (With Safety Reverse), Add</i>		758.35	
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)		22,806.57	481.50
		<i>For Motor Operator (With Safety Reverse), Add</i>		770.39	
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)		25,255.02	500.79
		<i>For Motor Operator (With Safety Reverse), Add</i>		775.20	
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)		28,557.76	541.74
		<i>For Motor Operator (With Safety Reverse), Add</i>		785.44	
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)		15,805.33	433.40
		<i>For Motor Operator (With Safety Reverse), Add</i>		758.35	
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)		16,125.37	433.40
		<i>For Motor Operator (With Safety Reverse), Add</i>		758.35	
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)		16,820.07	460.49
		<i>For Motor Operator (With Safety Reverse), Add</i>		763.81	
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)		18,149.72	541.74
		<i>For Motor Operator (With Safety Reverse), Add</i>		784.76	
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)		16,765.45	433.40
		<i>For Motor Operator (With Safety Reverse), Add</i>		758.35	
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)		17,845.95	481.50
		<i>For Motor Operator (With Safety Reverse), Add</i>		770.39	
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)		18,854.22	500.79
		<i>For Motor Operator (With Safety Reverse), Add</i>		775.20	
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)		22,156.96	541.74
		<i>For Motor Operator (With Safety Reverse), Add</i>		785.44	
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 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 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) <i>For Motor Operator (With Safety Reverse), Add</i>	22,686.19 758.35	433.40
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) <i>For Motor Operator (With Safety Reverse), Add</i>	23,486.29 758.35	433.40
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) <i>For Motor Operator (With Safety Reverse), Add</i>	26,741.31 763.81	460.49
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) <i>For Motor Operator (With Safety Reverse), Add</i>	17,085.49 758.35	433.40
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) <i>For Motor Operator (With Safety Reverse), Add</i>	23,486.29 758.35	433.40
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) <i>For Motor Operator (With Safety Reverse), Add</i>	26,741.31 763.81	460.49
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) <i>For Motor Operator (With Safety Reverse), Add</i>	14,845.21 758.35	433.40
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) <i>For Motor Operator (With Safety Reverse), Add</i>	16,765.45 758.35	433.40
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) <i>For Motor Operator (With Safety Reverse), Add</i>	17,940.21 763.81	460.49
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) <i>For Motor Operator (With Safety Reverse), Add</i>	19,749.92 784.76	541.74
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..... <i>For Lexan Lattice Pattern, Add</i> <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i>	2,032.67 223.64 107.15 190.75	189.61
08 33 16 00-0003 EA 6' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift..... <i>For Lexan Lattice Pattern, Add</i> <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i>	2,223.34 252.24 147.44 258.78	189.61
08 33 16 00-0004 EA 8' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift..... <i>For Lexan Lattice Pattern, Add</i> <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i>	2,596.37 281.11 187.76 326.80	252.78
08 33 16 00-0005 EA 12' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift..... <i>For Lexan Lattice Pattern, Add</i> <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i>	3,055.24 349.94 268.36 462.85	252.78
08 33 16 00-0006 EA 16' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift..... <i>For Lexan Lattice Pattern, Add</i> <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i>	4,168.14 462.70 402.02 610.32	379.22
08 33 16 00-0007 EA 18' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift..... <i>For Lexan Lattice Pattern, Add</i> <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i>	4,723.87 519.08 402.02 610.32	433.40
08 33 16 00-0008 EA 20' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift..... <i>For Lexan Lattice Pattern, Add</i> <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i>	5,281.04 575.46 535.68 757.80	505.45
08 33 16 00-0009 EA 24' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift..... <i>For Lexan Lattice Pattern, Add</i> <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i>	6,572.02 725.35 642.83 783.61	606.75



		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 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	8,077.74 886.62 752.40 899.49	758.44
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	2,178.22 245.47 160.70 221.62	189.61
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	2,452.07 286.55 241.03 301.40	189.61
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	2,794.19 310.78 321.35 381.19	252.89
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	3,322.89 360.09 482.12 540.75	252.89
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	4,543.56 519.01 642.83 744.41	379.22
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	5,153.16 583.47 642.83 744.41	433.40
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	5,760.36 647.93 803.54 948.08	505.45
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	7,198.16 819.27 964.23 1,092.94	606.75
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	8,701.36 980.16 1,122.63 1,225.26	758.44

08 33 23 Overhead Coiling Doors (08 33)

Note: Excludes lifting equipment (forklift or scissor lift) where required. See CSI section 01 22 23 00-1065 for forklift.

08 33 23 11 Overhead Coiling Doors (08 33 23)

Note: Includes panels, guides, counterbalance mechanisms, hardware, and/or trim as required. 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. 20 psf wind load. 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	1,302.64	559.27
08 33 23 11-0004 EA 4' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,393.80	592.17
08 33 23 11-0005 EA 5' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,390.84	592.17
08 33 23 11-0006 EA 5' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,485.86	625.07
08 33 23 11-0007 EA 6' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,511.93	641.55
08 33 23 11-0008 EA 6' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,639.53	690.87
08 33 23 11-0009 EA 6' x 9', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,745.61	723.77
08 33 23 11-0010 EA 8' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,716.35	723.77
08 33 23 11-0011 EA 8' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,770.44	740.22
08 33 23 11-0012 EA 8' x 9', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,833.95	756.67
08 33 23 11-0013 EA 8' x 10', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,958.98	789.57
08 33 23 11-0014 EA 10' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,829.88	756.67
08 33 23 11-0015 EA 10' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	1,939.50	789.57
08 33 23 11-0016 EA 10' x 9', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	2,063.74	822.47
08 33 23 11-0017 EA 10' x 10', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift	2,159.73	855.36

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	3,063.17	832.33
For 3/4" Insulated Slats, Add	1,256.96	
08 33 23 11-0020 EA 8' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,149.39	851.26
For 3/4" Insulated Slats, Add	1,297.94	
08 33 23 11-0021 EA 8' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,404.61	908.00
For 3/4" Insulated Slats, Add	1,418.46	
08 33 23 11-0022 EA 8' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,627.75	945.84
For 3/4" Insulated Slats, Add	1,538.52	
08 33 23 11-0023 EA 10' x 7', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,273.80	870.17
For 3/4" Insulated Slats, Add	1,367.64	
08 33 23 11-0024 EA 10' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	3,535.37	945.84
For 3/4" Insulated Slats, Add	1,469.23	

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 11-0025	EA	10' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	3,721.28 1,561.37	983.67
08 33 23 11-0026	EA	10' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	3,955.82 1,689.98	1,021.50
08 33 23 11-0027	EA	12' x 7', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	3,493.89 1,485.42	908.00
08 33 23 11-0028	EA	12' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	3,697.28 1,590.67	945.84
08 33 23 11-0029	EA	12' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	3,976.35 1,705.38	1,021.50
08 33 23 11-0030	EA	12' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	4,274.21 1,887.66	1,054.40
08 33 23 11-0031	EA	14' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	4,381.63 1,885.98	1,120.20
08 33 23 11-0032	EA	14' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	4,779.07 2,101.62	1,186.00
08 33 23 11-0033	EA	14' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	5,192.63 2,329.73	1,251.79
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..... <i>For 3/4" Insulated Slats, Add</i>	2,703.19 1,091.02	749.10
08 33 23 11-0036	EA	4' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	2,906.99 1,191.81	790.72
08 33 23 11-0037	EA	4' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	3,052.37 1,259.72	823.62
08 33 23 11-0038	EA	6' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	3,087.73 1,223.32	873.96
08 33 23 11-0039	EA	6' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	3,388.18 1,344.61	957.19
08 33 23 11-0040	EA	6' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	3,577.08 1,445.17	990.08
08 33 23 11-0041	EA	6' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	4,021.78 1,737.57	1,022.99
08 33 23 11-0042	EA	6' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	4,499.36 2,034.07	1,072.34
08 33 23 11-0043	EA	8' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	3,354.42 1,345.37	936.37
08 33 23 11-0044	EA	8' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	3,627.46 1,472.10	998.80
08 33 23 11-0045	EA	8' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	3,845.55 1,583.60	1,040.43
08 33 23 11-0046	EA	8' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	4,273.29 1,863.29	1,073.33
08 33 23 11-0047	EA	8' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	4,733.93 2,147.07	1,122.67
08 33 23 11-0048	EA	10' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	3,954.89 1,613.62	1,082.03
08 33 23 11-0049	EA	10' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	4,237.84 1,773.77	1,123.66
08 33 23 11-0050	EA	10' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	4,748.23 2,074.32	1,189.45
08 33 23 11-0051	EA	10' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	5,324.43 2,383.10	1,288.15
08 33 23 11-0052	EA	10' x 18', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	5,920.82 2,665.90	1,419.74
08 33 23 11-0053	EA	10' x 20', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	6,583.02 2,956.93	1,584.24
08 33 23 11-0054	EA	10' x 22', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	7,311.01 3,256.18	1,781.63
08 33 23 11-0055	EA	10' x 24', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	8,103.38 3,562.60	2,011.92
08 33 23 11-0056	EA	12' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	4,251.23 1,783.82	1,123.66
08 33 23 11-0057	EA	12' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	4,530.68 1,948.17	1,159.84
08 33 23 11-0058	EA	12' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	5,163.92 2,340.85	1,225.64
08 33 23 11-0059	EA	12' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	5,862.93 2,741.74	1,324.33
08 33 23 11-0060	EA	12' x 18', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	6,558.14 3,098.66	1,455.94
08 33 23 11-0061	EA	12' x 20', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	7,319.14 3,463.79	1,620.42
08 33 23 11-0062	EA	12' x 22', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	8,145.95 3,837.16	1,817.82
08 33 23 11-0063	EA	12' x 24', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	9,104.32 4,226.95	2,081.00

08 33 23 11-0064 20 Gauge Galvanized Steel Overhead Coiling Doors (08 33 23 11-0001)

Note: With curtain hood (barrel cover)



		Openings	08	08
		Specialty Doors and Frames	08 30	
		Coiling Doors and Grilles	08 33	

MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
08 33 23 11-0065	EA	14' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,177.60	1,308.39
		For 3/4" Insulated Slats, Add	2,247.73	
08 33 23 11-0066	EA	14' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	5,656.90	1,374.19
		For 3/4" Insulated Slats, Add	2,524.96	
08 33 23 11-0067	EA	14' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,228.68	1,439.99
		For 3/4" Insulated Slats, Add	2,871.55	
08 33 23 11-0068	EA	14' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,808.46	1,538.68
		For 3/4" Insulated Slats, Add	3,183.01	
08 33 23 11-0069	EA	14' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,485.59	1,670.27
		For 3/4" Insulated Slats, Add	3,526.37	
08 33 23 11-0070	EA	14' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,162.16	1,801.87
		For 3/4" Insulated Slats, Add	3,869.30	
08 33 23 11-0071	EA	14' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,529.23	1,966.36
		For 3/4" Insulated Slats, Add	4,688.99	
08 33 23 11-0072	EA	14' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,962.07	2,163.75
		For 3/4" Insulated Slats, Add	5,516.88	
08 33 23 11-0073	EA	16' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,211.90	1,504.65
		For 3/4" Insulated Slats, Add	2,778.11	
08 33 23 11-0074	EA	16' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,753.39	1,570.44
		For 3/4" Insulated Slats, Add	3,101.99	
08 33 23 11-0075	EA	16' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,238.63	1,636.25
		For 3/4" Insulated Slats, Add	3,383.67	
08 33 23 11-0076	EA	16' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,805.93	1,734.94
		For 3/4" Insulated Slats, Add	3,685.77	
08 33 23 11-0077	EA	16' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,485.91	1,866.53
		For 3/4" Insulated Slats, Add	4,031.26	
08 33 23 11-0078	EA	16' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,254.49	1,998.12
		For 3/4" Insulated Slats, Add	4,443.21	
08 33 23 11-0079	EA	16' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,405.30	2,162.62
		For 3/4" Insulated Slats, Add	5,100.70	
08 33 23 11-0080	EA	16' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,630.44	2,360.01
		For 3/4" Insulated Slats, Add	5,772.82	
08 33 23 11-0081	EA	18' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	6,738.99	1,692.73
		For 3/4" Insulated Slats, Add	2,938.29	
08 33 23 11-0082	EA	18' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,226.48	1,758.54
		For 3/4" Insulated Slats, Add	3,221.66	
08 33 23 11-0083	EA	18' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,002.04	1,857.23
		For 3/4" Insulated Slats, Add	3,679.96	
08 33 23 11-0084	EA	18' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,734.45	1,988.82
		For 3/4" Insulated Slats, Add	4,064.78	
08 33 23 11-0085	EA	18' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,537.05	2,153.31
		For 3/4" Insulated Slats, Add	4,461.11	
08 33 23 11-0086	EA	18' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,405.99	2,350.71
		For 3/4" Insulated Slats, Add	4,866.07	
08 33 23 11-0087	EA	18' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,847.07	2,580.99
		For 3/4" Insulated Slats, Add	5,659.02	
08 33 23 11-0088	EA	18' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	13,379.87	2,844.19
		For 3/4" Insulated Slats, Add	6,479.63	
08 33 23 11-0089	EA	20' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	7,707.38	1,946.65
		For 3/4" Insulated Slats, Add	3,347.19	
08 33 23 11-0090	EA	20' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,612.85	2,012.44
		For 3/4" Insulated Slats, Add	3,944.04	
08 33 23 11-0091	EA	20' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,783.79	2,380.11
		For 3/4" Insulated Slats, Add	4,362.74	
08 33 23 11-0092	EA	20' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,760.31	2,478.80
		For 3/4" Insulated Slats, Add	4,971.76	
08 33 23 11-0093	EA	20' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	11,939.39	2,610.39
		For 3/4" Insulated Slats, Add	5,691.58	
08 33 23 11-0094	EA	20' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	13,248.26	2,741.99
		For 3/4" Insulated Slats, Add	6,508.74	
08 33 23 11-0095	EA	20' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	14,629.04	2,906.48
		For 3/4" Insulated Slats, Add	7,338.71	
08 33 23 11-0096	EA	20' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	16,097.09	3,103.87
		For 3/4" Insulated Slats, Add	8,193.01	
08 33 23 11-0097	EA	22' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	8,498.35	2,304.44
		For 3/4" Insulated Slats, Add	3,493.25	
08 33 23 11-0098	EA	22' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,522.47	2,403.13
		For 3/4" Insulated Slats, Add	4,137.97	
08 33 23 11-0099	EA	22' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,927.19	2,618.11
		For 3/4" Insulated Slats, Add	4,922.72	
08 33 23 11-0100	EA	22' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	12,186.98	2,716.81
		For 3/4" Insulated Slats, Add	5,744.20	
08 33 23 11-0101	EA	22' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	13,516.65	2,848.40
		For 3/4" Insulated Slats, Add	6,576.96	
08 33 23 11-0102	EA	22' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	14,975.65	2,979.99
		For 3/4" Insulated Slats, Add	7,506.71	
08 33 23 11-0103	EA	22' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	16,504.70	3,144.49
		For 3/4" Insulated Slats, Add	8,447.89	
08 33 23 11-0104	EA	22' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	18,090.93	3,341.88
		For 3/4" Insulated Slats, Add	9,390.82	
08 33 23 11-0105	EA	24' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	9,364.95	2,534.87
		For 3/4" Insulated Slats, Add	3,855.08	
08 33 23 11-0106	EA	24' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift	10,061.68	2,600.67
		For 3/4" Insulated Slats, Add	4,295.39	

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 11-0107	EA		24' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	11,540.87 5,322.53	2,666.47
08 33 23 11-0108	EA		24' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	12,941.80 6,249.86	2,765.17
08 33 23 11-0109	EA		24' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	14,355.55 7,145.68	2,896.76
08 33 23 11-0110	EA		24' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	15,897.65 8,137.76	3,028.35
08 33 23 11-0111	EA		24' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	17,777.34 9,321.36	3,209.30
08 33 23 11-0112	EA		24' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	19,700.34 10,537.42	3,390.24
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 3/4" Insulated Slats, Add</i>	5,692.53 2,552.17	1,373.84
08 33 23 11-0115	EA		14' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	6,230.56 2,869.34	1,442.93
08 33 23 11-0116	EA		14' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	6,874.96 3,266.28	1,512.02
08 33 23 11-0117	EA		14' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	7,521.95 3,621.98	1,615.59
08 33 23 11-0118	EA		14' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	8,274.35 4,013.57	1,753.76
08 33 23 11-0119	EA		14' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	9,026.08 4,404.65	1,891.93
08 33 23 11-0120	EA		14' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	10,565.31 5,343.17	2,064.71
08 33 23 11-0121	EA		14' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	12,173.62 6,290.33	2,271.98
08 33 23 11-0122	EA		16' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	6,842.70 3,157.21	1,579.92
08 33 23 11-0123	EA		16' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	7,452.25 3,528.01	1,649.01
08 33 23 11-0124	EA		16' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	7,997.12 3,850.30	1,718.10
08 33 23 11-0125	EA		16' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	8,629.77 4,195.25	1,821.66
08 33 23 11-0126	EA		16' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	9,385.43 4,589.28	1,959.84
08 33 23 11-0127	EA		16' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	10,242.99 5,059.73	2,098.01
08 33 23 11-0128	EA		16' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	11,533.52 5,811.73	2,270.79
08 33 23 11-0129	EA		16' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	12,902.95 6,579.73	2,478.05
08 33 23 11-0130	EA		18' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	7,411.24 3,336.71	1,777.31
08 33 23 11-0131	EA		18' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	7,958.69 3,660.94	1,846.40
08 33 23 11-0132	EA		18' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	8,830.84 4,185.51	1,950.09
08 33 23 11-0133	EA		18' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	9,646.81 4,624.77	2,088.27
08 33 23 11-0134	EA		18' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	10,536.89 5,076.43	2,260.92
08 33 23 11-0135	EA		18' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	11,496.70 5,537.21	2,468.19
08 33 23 11-0136	EA		18' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	13,107.87 6,443.34	2,710.05
08 33 23 11-0137	EA		18' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	14,817.95 7,380.46	2,986.41
08 33 23 11-0138	EA		20' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	8,474.10 3,800.59	2,043.92
08 33 23 11-0139	EA		20' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	9,502.23 4,485.33	2,113.01
08 33 23 11-0140	EA		20' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	10,580.01 4,811.13	2,499.11
08 33 23 11-0141	EA		20' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	11,652.99 5,486.32	2,602.80
08 33 23 11-0142	EA		20' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	12,946.99 6,284.10	2,740.98
08 33 23 11-0143	EA		20' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	14,385.21 7,190.05	2,879.15
08 33 23 11-0144	EA		20' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	15,899.31 8,109.73	3,051.81
08 33 23 11-0145	EA		20' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	17,506.34 9,055.92	3,259.07
08 33 23 11-0146	EA		22' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	9,160.94 3,846.17	2,419.62
08 33 23 11-0147	EA		22' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	10,286.78 4,561.02	2,523.32



		Openings	08
		Specialty Doors and Frames	08 30
		Coiling Doors and Grilles	08 33

MINOR		DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
CSI	UOM			
08 33 23 11-0148	EA	22' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	11,821.40 5,429.71	2,749.00
08 33 23 11-0149	EA	22' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	13,209.10 6,340.94	2,852.70
08 33 23 11-0150	EA	22' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	14,670.42 7,264.22	2,990.87
08 33 23 11-0151	EA	22' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	16,275.44 8,295.27	3,129.05
08 33 23 11-0152	EA	22' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	17,954.29 9,338.51	3,301.70
08 33 23 11-0153	EA	22' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	19,692.64 10,383.20	3,508.96
08 33 23 11-0154	EA	24' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	10,095.63 4,244.89	2,661.63
08 33 23 11-0155	EA	24' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	10,861.75 4,732.92	2,730.71
08 33 23 11-0156	EA	24' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	12,497.24 5,873.78	2,799.80
08 33 23 11-0157	EA	24' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	14,041.76 6,902.03	2,903.37
08 33 23 11-0158	EA	24' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	15,596.52 7,895.38	3,041.54
08 33 23 11-0159	EA	24' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	17,293.89 8,995.69	3,179.71
08 33 23 11-0160	EA	24' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	19,360.38 10,308.04	3,369.74
08 33 23 11-0161	EA	24' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	21,474.87 11,656.45	3,559.75

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. 20 psf wind load. 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.....	2,755.00	749.10
08 33 23 11-0165	EA	4' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	2,961.51	790.72
08 33 23 11-0166	EA	4' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	3,487.07	823.62
08 33 23 11-0167	EA	6' x 8', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	3,376.98	873.96
08 33 23 11-0168	EA	6' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	3,695.89	957.19
08 33 23 11-0169	EA	6' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	3,914.17	990.08
08 33 23 11-0170	EA	6' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	4,178.17	1,022.99
08 33 23 11-0171	EA	6' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	4,478.38	1,072.34
08 33 23 11-0172	EA	8' x 8', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	3,689.89	936.37
08 33 23 11-0173	EA	8' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	4,021.11	998.80
08 33 23 11-0174	EA	8' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	4,313.96	1,040.43
08 33 23 11-0175	EA	8' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	4,578.17	1,073.33
08 33 23 11-0176	EA	8' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	4,876.40	1,122.67
08 33 23 11-0177	EA	10' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	4,413.31	1,082.03
08 33 23 11-0178	EA	10' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	4,701.41	1,123.66
08 33 23 11-0179	EA	10' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	5,085.60	1,189.45
08 33 23 11-0180	EA	10' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	5,536.99	1,288.15
08 33 23 11-0181	EA	10' x 18', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	6,234.54	1,419.74
08 33 23 11-0182	EA	10' x 20', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	6,997.79	1,584.24
08 33 23 11-0183	EA	10' x 22', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	7,822.69	1,781.63
08 33 23 11-0184	EA	10' x 24', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	8,714.59	2,011.92
08 33 23 11-0185	EA	12' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	4,696.27	1,123.66
08 33 23 11-0186	EA	12' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	5,263.33	1,159.84
08 33 23 11-0187	EA	12' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	5,780.46	1,225.64
08 33 23 11-0188	EA	12' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	6,365.71	1,324.33
08 33 23 11-0189	EA	12' x 18', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	7,154.28	1,455.94
08 33 23 11-0190	EA	12' x 20', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	8,010.64	1,620.42
08 33 23 11-0191	EA	12' x 22', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	8,642.57	1,817.82
08 33 23 11-0192	EA	12' x 24', 0.04" Aluminum Overhead Coiling Door, Chain Lift.....	9,408.76	2,081.00

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.....	5,369.36	1,308.39
08 33 23 11-0195	EA	14' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	6,051.47	1,374.19
08 33 23 11-0196	EA	14' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	6,720.57	1,439.99
08 33 23 11-0197	EA	14' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	7,403.32	1,538.68
08 33 23 11-0198	EA	14' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	8,194.23	1,670.27
08 33 23 11-0199	EA	14' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	8,985.12	1,801.87
08 33 23 11-0200	EA	14' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	9,853.23	1,966.36
08 33 23 11-0201	EA	14' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	10,787.24	2,163.75
08 33 23 11-0202	EA	16' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	6,258.68	1,504.65
08 33 23 11-0203	EA	16' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	6,971.74	1,570.44
08 33 23 11-0204	EA	16' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	7,655.47	1,636.25
08 33 23 11-0205	EA	16' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	8,426.19	1,734.94
08 33 23 11-0206	EA	16' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	9,321.35	1,866.53
08 33 23 11-0207	EA	16' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	10,265.35	1,998.12
08 33 23 11-0208	EA	16' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	11,236.04	2,162.62

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 11-0209	EA		16' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	12,222.06	2,360.01
08 33 23 11-0210	EA		18' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	6,994.86	1,692.73
08 33 23 11-0211	EA		18' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	7,758.41	1,758.54
08 33 23 11-0212	EA		18' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	8,661.69	1,857.23
08 33 23 11-0213	EA		18' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	9,618.08	1,988.82
08 33 23 11-0214	EA		18' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	10,650.69	2,153.31
08 33 23 11-0215	EA		18' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	11,742.59	2,350.71
08 33 23 11-0216	EA		18' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	12,898.66	2,580.99
08 33 23 11-0217	EA		18' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	14,127.02	2,844.19
08 33 23 11-0218	EA		20' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	7,991.31	1,946.65
08 33 23 11-0219	EA		20' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	8,769.52	2,012.44
08 33 23 11-0220	EA		20' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	10,046.76	2,111.14
08 33 23 11-0221	EA		20' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	10,948.46	2,242.74
08 33 23 11-0222	EA		20' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	12,069.01	2,407.23
08 33 23 11-0223	EA		20' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	13,284.67	2,604.62
08 33 23 11-0224	EA		20' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	14,514.01	2,834.91
08 33 23 11-0225	EA		20' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	15,843.39	3,098.10
08 33 23 11-0226	EA		22' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	9,434.84	2,304.44
08 33 23 11-0227	EA		22' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	10,459.64	2,403.13
08 33 23 11-0228	EA		22' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	11,834.38	2,618.11
08 33 23 11-0229	EA		22' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	12,955.25	2,716.81
08 33 23 11-0230	EA		22' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	14,140.34	2,848.40
08 33 23 11-0231	EA		22' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	15,336.79	2,979.99
08 33 23 11-0232	EA		22' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	16,537.16	3,144.49
08 33 23 11-0233	EA		22' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	17,811.45	3,341.88
08 33 23 11-0234	EA		24' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	10,399.09	2,534.87
08 33 23 11-0235	EA		24' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	11,027.45	2,600.67
08 33 23 11-0236	EA		24' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	12,530.48	2,666.47
08 33 23 11-0237	EA		24' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	13,784.92	2,765.17
08 33 23 11-0238	EA		24' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	15,038.39	2,896.76
08 33 23 11-0239	EA		24' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	16,291.88	3,028.35
08 33 23 11-0240	EA		24' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	17,780.52	3,192.85
08 33 23 11-0241	EA		24' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift.....	19,383.87	3,390.24
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.....	4.96	1.36
08 33 23 11-0244	LF		Top Of Door (Lintel), Weather Strip Seal For Coiling Doors.....	33.88	1.63
08 33 23 11-0245	LF		Side Of Door (Guides), Weather Strip Seal For Coiling Doors.....	32.29	1.63
08 33 23 11-0246	EA		Cylinder Lock For Coiling Doors.....	267.86	67.81
08 33 23 11-0247	EA		Up To 12' Height, 1/2 HP Motorized Jackshaft Operator For Coiling Doors And Grilles..... Note: Includes three button inside station controls and mounting hardware.	1,797.50	217.01
08 33 23 11-0248	EA		Up To 12' Height, 3/4 HP Motorized Jackshaft Operator For Coiling Doors And Grilles..... Note: Includes three button inside station controls and mounting hardware.	2,283.86	217.01
08 33 23 11-0249	EA		>12' To 18' Height, 1/2 HP Motorized Jackshaft Operator For Coiling Doors And Grilles..... Note: Includes three button inside station controls and mounting hardware.	2,131.49	244.13
08 33 23 11-0250	EA		>12' To 18' Height, 3/4 HP Motorized Jackshaft Operator For Coiling Doors And Grilles..... Note: Includes three button inside station controls and mounting hardware.	2,530.81	244.13
08 33 23 11-0251	EA		>18' To 24' Height, 3/4 HP Motorized Jackshaft Operator For Coiling Doors And Grilles..... Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.	2,757.30	271.25
08 33 23 11-0252	EA		>18' To 24' Height, 1 HP Motorized Jackshaft Operator For Coiling Doors And Grilles..... Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.	2,999.55	271.25
08 33 23 11-0253	LF		Safety Edge Bottom Bar Obstruction Detection Device, Electric For Coiling Doors And Grilles.....	94.65	
08 33 23 11-0254	EA		Remote Transmitter Kit For Coiling Door Operators.....	352.99	108.50
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.....	23.23	
08 33 23 13			Overhead Rapid Coiling Doors (08 33 23)		
			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 00-1065 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®).....	5,116.99	397.12
08 33 23 13-0005	EA		5' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....	5,395.49	415.56
08 33 23 13-0006	EA		5' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....	5,672.11	434.01
08 33 23 13-0007	EA		5' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®).....	5,946.87	452.46



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 13-0008	EA	5' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)		6,225.36	470.90
08 33 23 13-0009	EA	5' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)		6,501.99	489.35
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®)		5,395.49	415.56
08 33 23 13-0012	EA	6' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)		5,672.11	434.01
08 33 23 13-0013	EA	6' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)		5,946.87	452.46
08 33 23 13-0014	EA	6' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)		6,225.36	470.90
08 33 23 13-0015	EA	6' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)		6,501.99	489.35
08 33 23 13-0016	EA	6' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)		6,778.63	507.79
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®)		5,672.11	434.01
08 33 23 13-0019	EA	7' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)		5,946.87	452.46
08 33 23 13-0020	EA	7' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)		6,225.36	470.90
08 33 23 13-0021	EA	7' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)		6,501.99	489.35
08 33 23 13-0022	EA	7' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)		6,778.63	507.79
08 33 23 13-0023	EA	7' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)		7,057.13	526.24
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®)		5,946.87	452.46
08 33 23 13-0026	EA	8' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)		6,225.36	470.90
08 33 23 13-0027	EA	8' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)		6,501.99	489.35
08 33 23 13-0028	EA	8' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)		6,778.63	507.79
08 33 23 13-0029	EA	8' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)		7,057.13	526.24
08 33 23 13-0030	EA	8' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)		7,331.88	544.68
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®)		6,225.36	470.90
08 33 23 13-0033	EA	9' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)		6,501.99	489.35
08 33 23 13-0034	EA	9' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)		6,778.63	507.79
08 33 23 13-0035	EA	9' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)		7,057.13	526.24
08 33 23 13-0036	EA	9' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)		7,331.88	544.68
08 33 23 13-0037	EA	9' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)		7,610.38	563.13
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®)		6,501.99	489.35
08 33 23 13-0040	EA	10' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)		6,778.63	507.79
08 33 23 13-0041	EA	10' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)		7,057.13	526.24
08 33 23 13-0042	EA	10' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)		7,331.88	544.68
08 33 23 13-0043	EA	10' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)		7,610.38	563.13
08 33 23 13-0044	EA	10' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)		7,887.01	581.57
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		11.71	
08 33 23 13-0047	SF	Upgrade To 3-Ply Rilon Panel Material For Rytec® Bantam® High-Speed Rolling Doors		25.75	
08 33 23 13-0048	LF	31" High Full Vision Panel For Rytec® Bantam® High-Speed Rolling Doors		37.46	
		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		355.86	
08 33 23 13-0050	EA	Roll Cover For Rytec® Bantam® High-Speed Rolling Doors		670.38	54.25
08 33 23 13-0051	EA	Motor Cover For Rytec® Bantam® High-Speed Rolling Doors		670.38	54.25
08 33 23 13-0052	EA	Motor Operator For Rytec® Bantam® High-Speed Rolling Doors		2,885.95	108.50
		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		351.98	54.25
		Note: Includes open/close/stop control.			
08 33 23 13-0054	EA	Auto Close Feature For Rytec® Bantam® Motor Operator		342.62	54.25
08 33 23 13-0055		2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 23 13)			
		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)			



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

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®)	15,927.85
08 33 23 13-0059	EA	6' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	16,183.25
08 33 23 13-0060	EA	6' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	16,478.53
08 33 23 13-0061	EA	6' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	16,891.75
08 33 23 13-0062	EA	6' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	17,313.64
08 33 23 13-0063	EA	6' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,026.87
08 33 23 13-0064	EA	6' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,531.99
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®)	16,240.48
08 33 23 13-0067	EA	7' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	16,566.98
08 33 23 13-0068	EA	7' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	16,978.46
08 33 23 13-0069	EA	7' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	17,414.22
08 33 23 13-0070	EA	7' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	17,990.45
08 33 23 13-0071	EA	7' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,686.34
08 33 23 13-0072	EA	7' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	19,234.82
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®)	16,622.47
08 33 23 13-0075	EA	8' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	17,032.22
08 33 23 13-0076	EA	8' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	17,485.33
08 33 23 13-0077	EA	8' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,078.89
08 33 23 13-0078	EA	8' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,613.50
08 33 23 13-0079	EA	8' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	19,371.82
08 33 23 13-0080	EA	8' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	19,993.14
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®)	17,089.45
08 33 23 13-0083	EA	9' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	17,539.09
08 33 23 13-0084	EA	9' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,132.66
08 33 23 13-0085	EA	9' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,684.60
08 33 23 13-0086	EA	9' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	19,264.30
08 33 23 13-0087	EA	9' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	19,866.54
08 33 23 13-0088	EA	9' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	20,527.74
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®)	17,584.17
08 33 23 13-0091	EA	10' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,189.88
08 33 23 13-0092	EA	10' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,736.63
08 33 23 13-0093	EA	10' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	19,321.53
08 33 23 13-0094	EA	10' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	19,970.59
08 33 23 13-0095	EA	10' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	20,097.66
08 33 23 13-0096	EA	10' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	21,204.54
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®)	18,222.83
08 33 23 13-0099	EA	11' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,783.45
08 33 23 13-0100	EA	11' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	19,375.29
08 33 23 13-0101	EA	11' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	20,026.09
08 33 23 13-0102	EA	11' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	20,451.44
08 33 23 13-0103	EA	11' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	21,298.19
08 33 23 13-0104	EA	11' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	21,990.62
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®)	18,799.06
08 33 23 13-0107	EA	12' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	19,406.50
08 33 23 13-0108	EA	12' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	20,069.44
08 33 23 13-0109	EA	12' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	20,510.40
08 33 23 13-0110	EA	12' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	21,091.82
08 33 23 13-0111	EA	12' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	22,070.39
08 33 23 13-0112	EA	12' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	22,748.94



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 13-0113	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.....		780.63	108.50
08 33 23 13-0115	EA	>10' To 15' Wide Doors, Roll And Motor Hood For Rytec® PredaDoor® High-Speed Rolling Doors.....		1,153.48	108.50
08 33 23 13-0116	SF	Upgrade To 3-Ply Rilon Panel Material For Rytec® PredaDoor® High-Speed Rolling Doors.....		14.05	
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®)..... 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		24,078.02 675.00 1,100.00 2,750.00 2,200.00 3,300.00	976.52
08 33 23 13-0121	EA	8' 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		25,175.61 675.00 1,100.00 2,750.00 2,200.00 3,300.00	1,004.20
08 33 23 13-0122	EA	8' 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		26,131.00 675.00 1,100.00 2,750.00 2,200.00 3,300.00	1,031.86
08 33 23 13-0123	EA	8' 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		27,159.23 675.00 1,100.00 2,750.00 2,200.00 3,300.00	1,059.53
08 33 23 13-0124	EA	8' 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		28,326.19 675.00 1,100.00 2,750.00 2,200.00 3,300.00	1,087.19
08 33 23 13-0125	EA	8' 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		28,934.74 675.00 1,100.00 2,750.00 2,200.00 3,300.00	1,114.86
08 33 23 13-0126	EA	8' 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		29,890.12 675.00 1,100.00 2,750.00 2,200.00 3,300.00	1,142.54
08 33 23 13-0127	EA	8' 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		30,740.12 675.00 1,100.00 2,750.00 2,200.00 3,300.00	1,172.24
08 33 23 13-0128	EA	8' 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		32,099.03 675.00 1,100.00 2,750.00 2,200.00 3,300.00	1,202.71
08 33 23 13-0129	EA	8' 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		33,195.44 675.00 1,100.00 2,750.00 2,200.00 3,300.00	1,233.98
08 33 23 13-0130	EA	8' 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		34,555.67 675.00 1,100.00 2,750.00 2,200.00 3,300.00	1,266.07

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 13-0131 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®)	25,175.61	1,004.20	
		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		
		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®)	26,131.00	1,031.86	
		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®)	27,159.23	1,059.53	
		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	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®)	28,326.19	1,087.19	
		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		
		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®)	28,934.74	1,114.86	
		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®)	29,890.12	1,142.54	
		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		
		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 13-0138	EA	9' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	31,124.72	1,170.20	
		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		
		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 13-0139	EA	9' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	32,099.03	1,202.71	
		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		
		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 13-0140	EA	9' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	33,195.44	1,233.98	
		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 13-0141	EA	9' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	34,555.67	1,266.07	
		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 13-0142	EA	9' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	36,177.93	1,298.98	
		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 13-0143 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®)	26,131.00	1,031.86	
		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		



		Openings	08	08
		Specialty Doors and Frames	08 30	
		Coiling Doors and Grilles	08 33	

MINOR		DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM		UNIT COST	UNIT COST
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	27,159.23 675.00 1,100.00 2,750.00 3,300.00 4,950.00	1,059.53
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	28,326.19 675.00 1,100.00 2,750.00 3,300.00 4,950.00	1,087.19
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	28,934.74 675.00 1,100.00 2,750.00 3,300.00 4,950.00	1,114.86
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	29,890.12 675.00 1,100.00 2,750.00 3,300.00 4,950.00	1,142.54
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	31,124.72 675.00 1,100.00 2,750.00 3,300.00 4,950.00	1,170.20
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	32,289.95 675.00 1,100.00 2,750.00 3,300.00 4,950.00	1,197.87
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	33,194.23 675.00 1,100.00 2,750.00 3,300.00 4,950.00	1,233.39
08 33 23 13-0152	EA	10' 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	34,554.43 675.00 1,100.00 2,750.00 3,300.00 4,950.00	1,265.46
08 33 23 13-0153	EA	10' 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	36,176.66 675.00 1,100.00 2,750.00 3,300.00 4,950.00	1,298.36
08 33 23 13-0154	EA	10' 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	37,542.12 675.00 1,100.00 2,750.00 3,300.00 4,950.00	1,332.11
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®)..... 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	27,159.23 675.00 1,100.00 2,750.00 3,850.00 5,775.00	1,059.53
08 33 23 13-0157	EA	11' 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	28,326.19 675.00 1,100.00 2,750.00 3,850.00 5,775.00	1,087.19
08 33 23 13-0158	EA	11' 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	28,934.74 675.00 1,100.00 2,750.00 3,850.00 5,775.00	1,114.86

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 23	13-0159	EA	11' 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	29,890.12 675.00 1,100.00 2,750.00 3,850.00 5,775.00	1,142.54
08 33 23	13-0160	EA	11' 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	31,124.72 675.00 1,100.00 2,750.00 3,850.00 5,775.00	1,170.20
08 33 23	13-0161	EA	11' 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	32,289.95 675.00 1,100.00 2,750.00 3,850.00 5,775.00	1,197.87
08 33 23	13-0162	EA	11' 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	33,593.91 675.00 1,100.00 2,750.00 3,850.00 5,775.00	1,225.53
08 33 23	13-0163	EA	11' 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	34,551.47 675.00 1,100.00 2,750.00 3,850.00 5,775.00	1,263.98
08 33 23	13-0164	EA	11' 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	36,173.62 675.00 1,100.00 2,750.00 3,850.00 5,775.00	1,296.84
08 33 23	13-0165	EA	11' 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	37,539.00 675.00 1,100.00 2,750.00 3,850.00 5,775.00	1,330.56
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	39,162.74 675.00 1,100.00 2,750.00 3,850.00 5,775.00	1,365.15
08 33 23	13-0167		12' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®)		
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	28,326.19 675.00 1,100.00 2,750.00 4,400.00 6,600.00	1,087.19
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	28,934.74 675.00 1,100.00 2,750.00 4,400.00 6,600.00	1,114.86
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	29,890.12 675.00 1,100.00 2,750.00 4,400.00 6,600.00	1,142.54
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	31,124.72 675.00 1,100.00 2,750.00 4,400.00 6,600.00	1,170.20
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	32,289.95 675.00 1,100.00 2,750.00 4,400.00 6,600.00	1,197.87



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 13-0173	EA	12' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	33,593.91	1,225.53	
		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	4,400.00		
		For 316 Stainless Steel Side Frame Tower, Add	6,600.00		
08 33 23 13-0174	EA	12' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	34,528.49	1,253.20	
		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		
		For 304 Stainless Steel Side Frame Tower, Add	4,400.00		
		For 316 Stainless Steel Side Frame Tower, Add	6,600.00		
08 33 23 13-0175	EA	12' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	36,169.08	1,294.56	
		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	4,400.00		
		For 316 Stainless Steel Side Frame Tower, Add	6,600.00		
08 33 23 13-0176	EA	12' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	37,534.33	1,328.22	
		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	4,400.00		
		For 316 Stainless Steel Side Frame Tower, Add	6,600.00		
08 33 23 13-0177	EA	12' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	39,157.94	1,362.76	
		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	4,400.00		
		For 316 Stainless Steel Side Frame Tower, Add	6,600.00		
08 33 23 13-0178	EA	12' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	40,783.35	1,398.19	
		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		
		For 304 Stainless Steel Side Frame Tower, Add	4,400.00		
		For 316 Stainless Steel Side Frame Tower, Add	6,600.00		
08 33 23 13-0179		13' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 23 13-0118)			
08 33 23 13-0180	EA	13' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	29,649.23	1,114.86	
		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®).....	30,873.41	1,142.54	
		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		
		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®).....	32,033.44	1,170.20	
		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		
		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®).....	33,382.50	1,197.87	
		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	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®).....	34,726.34	1,225.53	
		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	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®).....	35,721.62	1,253.20	
		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		
		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®).....	36,475.83	1,280.88	
		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 Openings**08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 33 23 13-0187	EA	13' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	37,635.13	1,325.24
		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	
		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®).....	39,260.47	1,359.69
		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®).....	40,893.20	1,395.06
		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	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®).....	42,329.24	1,431.32
		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®).....	30,873.41	1,142.54
		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	
		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®).....	32,033.44	1,170.20
		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	
		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 13-0194	EA	14' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	33,382.50	1,197.87
		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 13-0195	EA	14' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	34,726.34	1,225.53
		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	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®).....	35,721.62	1,253.20
		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	
		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®).....	36,475.83	1,280.88
		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®).....	37,601.18	1,308.54
		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	
		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®).....	39,252.79	1,355.86
		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®).....	40,885.31	1,391.11
		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 13-0201	EA		14' 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	42,321.16 675.00 1,100.00 2,750.00 5,480.00 7,370.00	1,427.27
08 33 23 13-0202	EA		14' 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	45,461.37 675.00 1,100.00 2,750.00 5,480.00 7,370.00	1,464.39
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®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	31,978.66 675.00 1,100.00 2,750.00	1,142.54
08 33 23 13-0205	EA		15' 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	33,328.20 675.00 1,100.00 2,750.00	1,170.20
08 33 23 13-0206	EA		15' 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	34,672.12 675.00 1,100.00 2,750.00	1,197.87
08 33 23 13-0207	EA		15' 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	35,667.67 675.00 1,100.00 2,750.00	1,225.53
08 33 23 13-0208	EA		15' 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	36,421.61 675.00 1,100.00 2,750.00	1,253.20
08 33 23 13-0209	EA		15' 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	37,546.39 675.00 1,100.00 2,750.00	1,280.88
08 33 23 13-0210	EA		15' 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	39,218.34 675.00 1,100.00 2,750.00	1,338.64
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	40,877.18 675.00 1,100.00 2,750.00	1,387.04
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	42,312.81 675.00 1,100.00 2,750.00	1,423.10
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	45,452.81 675.00 1,100.00 2,750.00	1,460.11
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	47,658.26 675.00 1,100.00 2,750.00	1,498.07
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	33,379.19 675.00 1,100.00 2,750.00 6,070.00 7,790.00	1,195.69
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	34,725.68 675.00 1,100.00 2,750.00 6,070.00 7,790.00	1,224.65
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	35,723.81 675.00 1,100.00 2,750.00 6,070.00 7,790.00	1,253.60

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	13-0219	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	36,480.32 675.00 1,100.00 2,750.00 6,070.00 7,790.00	1,282.56
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	37,607.68 675.00 1,100.00 2,750.00 6,070.00 7,790.00	1,311.51
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	39,222.01 675.00 1,100.00 2,750.00 6,070.00 7,790.00	1,340.47
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	40,841.95 675.00 1,100.00 2,750.00 6,070.00 7,790.00	1,369.42
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	42,304.49 675.00 1,100.00 2,750.00 6,070.00 7,790.00	1,418.94
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	45,444.27 675.00 1,100.00 2,750.00 6,070.00 7,790.00	1,455.84
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	47,649.50 675.00 1,100.00 2,750.00 6,070.00 7,790.00	1,493.68
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	49,867.96 675.00 1,100.00 2,750.00 6,070.00 7,790.00	1,532.52
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®)..... For NEMA 4X Control Box, Add For 2 Speed Motor, 60" Open, 30" Close, Add For AC Variable Speed Motor And Controls, Add	34,599.15 675.00 1,100.00 2,750.00	1,223.20
08 33 23	13-0229	EA	17' 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	35,722.23 675.00 1,100.00 2,750.00	1,252.82
08 33 23	13-0230	EA	17' 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	37,083.16 675.00 1,100.00 2,750.00	1,282.44
08 33 23	13-0231	EA	17' 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	38,578.95 675.00 1,100.00 2,750.00	1,312.06
08 33 23	13-0232	EA	17' 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	39,951.13 675.00 1,100.00 2,750.00	1,341.68
08 33 23	13-0233	EA	17' 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	41,995.68 675.00 1,100.00 2,750.00	1,371.30
08 33 23	13-0234	EA	17' 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	43,965.32 675.00 1,100.00 2,750.00	1,400.93
08 33 23	13-0235	EA	17' 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	45,435.75 675.00 1,100.00 2,750.00	1,451.58



		Openings	08	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 13-0236	EA 17' 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	47,640.77 675.00 1,100.00 2,750.00		1,489.32
08 33 23 13-0237	EA 17' 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	49,859.00 675.00 1,100.00 2,750.00		1,528.04
08 33 23 13-0238	EA 17' 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	52,009.92 675.00 1,100.00 2,750.00		1,567.77
08 33 23 13-0239	18' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 23 13-0118)			
08 33 23 13-0240	EA 18' 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	36,082.60 675.00 1,100.00 2,750.00 6,720.00 8,230.00		1,251.33
08 33 23 13-0241	EA 18' 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	37,568.51 675.00 1,100.00 2,750.00 6,720.00 8,230.00		1,281.63
08 33 23 13-0242	EA 18' 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	39,187.40 675.00 1,100.00 2,750.00 6,720.00 8,230.00		1,311.94
08 33 23 13-0243	EA 18' 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	40,800.68 675.00 1,100.00 2,750.00 6,720.00 8,230.00		1,342.23
08 33 23 13-0244	EA 18' 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	42,483.25 675.00 1,100.00 2,750.00 6,720.00 8,230.00		1,372.54
08 33 23 13-0245	EA 18' 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	44,877.54 675.00 1,100.00 2,750.00 6,720.00 8,230.00		1,402.84
08 33 23 13-0246	EA 18' 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	47,339.26 675.00 1,100.00 2,750.00 6,720.00 8,230.00		1,433.15
08 33 23 13-0247	EA 18' 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	48,540.43 675.00 1,100.00 2,750.00 6,720.00 8,230.00		1,484.96
08 33 23 13-0248	EA 18' 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	49,850.06 675.00 1,100.00 2,750.00 6,720.00 8,230.00		1,523.58
08 33 23 13-0249	EA 18' 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	51,938.94 675.00 1,100.00 2,750.00 6,720.00 8,230.00		1,563.19
08 33 23 13-0250	EA 18' 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	54,095.45 675.00 1,100.00 2,750.00 6,720.00 8,230.00		1,603.82

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 13-0251 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®)	37,565.46	1,280.11
	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®)	39,185.75	1,311.11
	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®)	40,800.42	1,342.11
	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®)	42,484.38	1,373.11
	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®)	44,880.07	1,404.11
	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®)	47,343.19	1,435.11
	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®)	48,502.73	1,466.11
	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®)	49,841.15	1,519.11
	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®)	51,929.80	1,558.61
	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	
08 33 23 13-0261	EA 19' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	54,086.07	1,599.14
	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	
08 33 23 13-0262	EA 19' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	56,244.44	1,640.72
	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 13-0263 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®)	39,182.64	1,309.55
	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	
08 33 23 13-0265	EA 20' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	40,798.74	1,341.26
	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 13-0266	EA 20' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	42,484.12	1,372.98
	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®)	44,881.24	1,404.69
	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®)	47,345.78	1,436.40
	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	
08 33 23 13-0269	EA 20' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	48,506.74	1,468.11
	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®)	49,802.57	1,499.83
	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	
08 33 23 13-0271	EA 20' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	51,920.68	1,554.06
	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	



		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 13-0272	EA	20' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	54,076.72	1,594.47	
		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®).....	56,234.85	1,635.92	
		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®).....	58,132.92	1,678.45	
		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®).....	49,066.99	1,404.55	
		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		
08 33 23 13-0277	EA	21' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	51,465.55	1,436.99	
		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®).....	53,929.67	1,469.44	
		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 13-0279	EA	21' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	55,095.85	1,501.88	
		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®).....	56,391.25	1,534.32	
		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®).....	58,511.88	1,589.81	
		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		
08 33 23 13-0282	EA	21' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	60,669.77	1,631.14	
		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		
08 33 23 13-0283	EA	21' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	62,829.80	1,673.55	
		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		
08 33 23 13-0284	EA	21' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	64,729.83	1,717.06	
		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		
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®).....	50,944.60	1,436.86	
		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 13-0287	EA	22' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	53,346.53	1,470.05	
		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 13-0288	EA	22' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	55,810.28	1,503.23	
		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		
08 33 23 13-0289	EA	22' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	56,976.06	1,536.43	
		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 13-0290	EA	22' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	58,276.71	1,569.61	
		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		
08 33 23 13-0291	EA	22' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	60,399.89	1,626.36	
		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 13-0292	EA	22' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	62,559.68	1,668.65	
		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			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 33 23 13-0293	EA	22' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	64,719.79	1,712.04
		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 13-0294	EA	22' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	66,623.70	1,756.55
		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	
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®).....	52,825.58	1,469.91
		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 13-0297	EA	23' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	55,227.16	1,503.86
		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 13-0298	EA	23' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	57,694.31	1,537.81
		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	
08 33 23 13-0299	EA	23' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	58,861.62	1,571.76
		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 13-0300	EA	23' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	60,161.93	1,605.72
		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 13-0301	EA	23' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	62,289.58	1,663.77
		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 13-0302	EA	23' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	64,449.44	1,707.04
		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 13-0303	EA	23' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	66,613.43	1,751.41
		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 13-0304	EA	23' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	68,519.39	1,796.95
		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 13-0305 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®).....	54,706.20	1,503.72
		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 13-0307	EA	24' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	57,109.35	1,538.45
		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 13-0308	EA	24' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	59,579.91	1,573.18
		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 13-0309	EA	24' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	60,748.81	1,607.91
		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 13-0310	EA	24' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	62,048.79	1,642.64
		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 13-0311	EA	24' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	64,177.25	1,702.04
		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 13-0312	EA	24' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	66,340.98	1,746.29
		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 13-0313	EA	24' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	68,508.87	1,791.70
		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	



		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 13-0314	EA	24' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	70,413.17 675.00 1,100.00 2,750.00	1,838.28
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.	52.03	
08 33 23 13-0317	EA	Up To 10' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors.....	563.62	
08 33 23 13-0318	EA	>10' To 15' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors.....	936.47	
08 33 23 13-0319	EA	>15' To 20' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors.....	1,377.16	
08 33 23 13-0320	EA	>20' To 24' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors.....	2,060.23	
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.....	329.50	
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..... Note: Door must be at least 90" wide.	650.33	
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..... Note: Door must be at least 102" wide.	823.75	
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..... Note: Door must be at least 136" wide.	1,300.65	
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.....	381.52	
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..... Note: Door must be at least 108" wide.	754.38	
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..... Note: Door must be at least 144" wide.	936.47	
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..... Note: Door must be at least 192" wide.	1,508.76	
08 33 23 13-0329	EA	Sloped Roll And Motor Cover For Interior Or Exterior Door Widths Of 8' Or 10'..... <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	752.35 120.38 526.65	
08 33 23 13-0330	EA	Sloped Roll And Motor Cover For Interior Or Exterior Door Widths Of 12' Or 14'..... <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	978.06 156.49 684.64	
08 33 23 13-0331	EA	Sloped Roll And Motor Cover For Interior Or Exterior Door Widths Of 16' Or 18'..... <i>For 304 Stainless Steel, Add</i> <i>For 316 Stainless Steel, Add</i>	1,279.00 204.64 895.30	
08 33 23 13-0332	EA	Through Wall Brake Release.....	193.82	
08 33 23 13-0333	EA	Explosion Proof Upgrade Package: Control Box (including internal components), Motor, Rotary Limit Switch, Photo-eyes, Safety Bar, Push Buttons..... <i>For NEMA 12 Control Box Mounted Outside Explosion Proof Area, Deduct</i>	21,592.44 -6,200.00	
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™).....	31,920.10	976.52
08 33 23 13-0338	EA	8' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	32,196.43	1,004.20
08 33 23 13-0339	EA	8' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	32,691.91	1,031.86
08 33 23 13-0340	EA	8' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	33,187.39	1,059.53
08 33 23 13-0341	EA	8' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	33,684.74	1,087.19
08 33 23 13-0342	EA	8' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	34,180.22	1,114.86
08 33 23 13-0343	EA	8' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	34,454.68	1,142.54
08 33 23 13-0344	EA	8' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	34,956.12	1,172.24
08 33 23 13-0345	EA	8' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	35,897.35	1,202.72
08 33 23 13-0346	EA	8' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	36,180.91	1,233.98
08 33 23 13-0347	EA	8' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	36,906.20	1,266.07
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™).....	32,196.43	1,004.20
08 33 23 13-0350	EA	9' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	32,470.91	1,031.86
08 33 23 13-0351	EA	9' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	32,968.26	1,059.53

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 13-0352 EA 9' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	33,684.74	1,087.19
08 33 23 13-0353 EA 9' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	33,959.21	1,114.86
08 33 23 13-0354 EA 9' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	34,454.68	1,142.54
08 33 23 13-0355 EA 9' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	34,952.04	1,170.20
08 33 23 13-0356 EA 9' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	35,457.21	1,202.72
08 33 23 13-0357 EA 9' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	36,621.05	1,233.98
08 33 23 13-0358 EA 9' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	37,788.36	1,266.07
08 33 23 13-0359 EA 9' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	38,955.50	1,298.99
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™).....	33,793.20	1,031.86
08 33 23 13-0362 EA 10' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	34,069.55	1,059.53
08 33 23 13-0363 EA 10' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	34,569.02	1,087.19
08 33 23 13-0364 EA 10' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	35,281.51	1,114.86
08 33 23 13-0365 EA 10' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	35,776.98	1,142.54
08 33 23 13-0366 EA 10' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	36,274.33	1,170.20
08 33 23 13-0367 EA 10' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	36,769.81	1,197.87
08 33 23 13-0368 EA 10' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	37,501.99	1,233.38
08 33 23 13-0369 EA 10' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	38,446.41	1,265.46
08 33 23 13-0370 EA 10' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	39,834.50	1,298.35
08 33 23 13-0371 EA 10' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	41,005.19	1,332.11
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™).....	33,848.54	1,059.53
08 33 23 13-0374 EA 11' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	34,344.01	1,087.19
08 33 23 13-0375 EA 11' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	34,841.37	1,114.86
08 33 23 13-0376 EA 11' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	35,557.84	1,142.54
08 33 23 13-0377 EA 11' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	36,053.33	1,170.20
08 33 23 13-0378 EA 11' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	36,548.81	1,197.87
08 33 23 13-0379 EA 11' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	37,707.30	1,225.53
08 33 23 13-0380 EA 11' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	39,104.59	1,263.97
08 33 23 13-0381 EA 11' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	40,492.63	1,296.83
08 33 23 13-0382 EA 11' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	41,882.36	1,330.56
08 33 23 13-0383 EA 11' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	43,052.83	1,365.14
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™).....	34,124.88	1,087.19
08 33 23 13-0386 EA 12' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	34,620.36	1,114.86
08 33 23 13-0387 EA 12' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	35,115.83	1,142.54
08 33 23 13-0388 EA 12' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	35,832.32	1,170.20
08 33 23 13-0389 EA 12' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	36,548.81	1,197.87
08 33 23 13-0390 EA 12' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	37,926.43	1,225.53
08 33 23 13-0391 EA 12' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	39,304.07	1,253.20
08 33 23 13-0392 EA 12' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	40,709.07	1,294.56
08 33 23 13-0393 EA 12' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	42,317.81	1,328.22
08 33 23 13-0394 EA 12' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	43,709.19	1,362.75
08 33 23 13-0395 EA 12' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	45,102.35	1,398.19
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™).....	34,620.36	1,114.86
08 33 23 13-0398 EA 13' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	34,896.70	1,142.54
08 33 23 13-0399 EA 13' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	35,392.18	1,170.20
08 33 23 13-0400 EA 13' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	36,329.67	1,197.87
08 33 23 13-0401 EA 13' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	37,926.43	1,225.53
08 33 23 13-0402 EA 13' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	39,525.08	1,253.20
08 33 23 13-0403 EA 13' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	40,902.70	1,280.88
08 33 23 13-0404 EA 13' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	42,532.88	1,325.24
08 33 23 13-0405 EA 13' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	44,145.09	1,359.70
08 33 23 13-0406 EA 13' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	45,757.22	1,395.05
08 33 23 13-0407 EA 13' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	47,152.06	1,431.32
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™).....	34,896.70	1,142.54
08 33 23 13-0410 EA 14' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	35,171.17	1,170.20
08 33 23 13-0411 EA 14' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	35,887.66	1,197.87
08 33 23 13-0412 EA 14' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	37,265.28	1,225.53
08 33 23 13-0413 EA 14' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	39,304.07	1,253.20
08 33 23 13-0414 EA 14' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	40,902.70	1,280.88
08 33 23 13-0415 EA 14' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™).....	42,720.48	1,308.54



			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 13-0416	EA	14' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	44,356.53	1,355.86
08 33 23 13-0417	EA	14' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	45,970.34	1,391.11
08 33 23 13-0418	EA	14' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	47,584.11	1,427.27
08 33 23 13-0419	EA	14' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	49,422.63	1,464.39
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™)	36,271.55	1,168.81
08 33 23 13-0422	EA	15' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,768.30	1,197.12
08 33 23 13-0423	EA	15' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,486.06	1,225.41
08 33 23 13-0424	EA	15' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,422.95	1,253.72
08 33 23 13-0425	EA	15' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	40,684.01	1,282.03
08 33 23 13-0426	EA	15' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,503.05	1,310.33
08 33 23 13-0427	EA	15' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	44,322.11	1,338.64
08 33 23 13-0428	EA	15' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	45,962.22	1,387.04
08 33 23 13-0429	EA	15' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	47,796.78	1,423.09
08 33 23 13-0430	EA	15' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	49,633.20	1,460.11
08 33 23 13-0431	EA	15' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	51,471.58	1,498.07
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™)	36,544.46	1,195.70
08 33 23 13-0434	EA	16' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,263.51	1,224.65
08 33 23 13-0435	EA	16' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,982.58	1,253.60
08 33 23 13-0436	EA	16' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,802.92	1,282.56
08 33 23 13-0437	EA	16' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,284.41	1,311.51
08 33 23 13-0438	EA	16' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	44,106.63	1,340.47
08 33 23 13-0439	EA	16' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	45,926.99	1,369.42
08 33 23 13-0440	EA	16' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	47,788.46	1,418.94
08 33 23 13-0441	EA	16' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	49,624.66	1,455.84
08 33 23 13-0442	EA	16' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	51,462.81	1,493.69
08 33 23 13-0443	EA	16' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	53,523.94	1,532.52
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™)	37,041.46	1,223.20
08 33 23 13-0446	EA	17' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,540.84	1,252.82
08 33 23 13-0447	EA	17' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,362.53	1,282.44
08 33 23 13-0448	EA	17' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	41,184.21	1,312.06
08 33 23 13-0449	EA	17' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	43,667.03	1,341.68
08 33 23 13-0450	EA	17' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	45,709.71	1,371.30
08 33 23 13-0451	EA	17' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	47,531.41	1,400.92
08 33 23 13-0452	EA	17' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	49,616.16	1,451.58
08 33 23 13-0453	EA	17' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	51,454.08	1,489.31
08 33 23 13-0454	EA	17' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	53,514.98	1,528.04
08 33 23 13-0455	EA	17' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	55,577.87	1,567.78
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™)	37,537.87	1,251.33
08 33 23 13-0458	EA	18' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,038.62	1,281.63
08 33 23 13-0459	EA	18' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	40,522.81	1,311.94
08 33 23 13-0460	EA	18' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,566.86	1,342.23
08 33 23 13-0461	EA	18' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	45,051.06	1,372.54
08 33 23 13-0462	EA	18' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	47,095.10	1,402.84
08 33 23 13-0463	EA	18' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	49,360.16	1,433.15
08 33 23 13-0464	EA	18' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	51,445.37	1,484.96
08 33 23 13-0465	EA	18' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	53,506.03	1,523.58
08 33 23 13-0466	EA	18' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	55,568.70	1,563.19
08 33 23 13-0467	EA	18' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	57,633.43	1,603.83
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™)	38,475.71	1,280.10
08 33 23 13-0470	EA	19' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,198.86	1,311.11
08 33 23 13-0471	EA	19' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	41,905.45	1,342.11
08 33 23 13-0472	EA	19' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	43,950.90	1,373.11
08 33 23 13-0473	EA	19' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	46,657.49	1,404.11
08 33 23 13-0474	EA	19' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	48,702.94	1,435.11
08 33 23 13-0475	EA	19' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	50,967.52	1,466.11
08 33 23 13-0476	EA	19' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	53,056.98	1,519.12
08 33 23 13-0477	EA	19' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	55,338.56	1,558.61
08 33 23 13-0478	EA	19' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	57,403.04	1,599.14
08 33 23 13-0479	EA	19' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	59,690.65	1,640.73

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 13-0480 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™)	39,856.90	1,309.55
08 33 23 13-0482	EA	20' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	40,581.48	1,341.26
08 33 23 13-0483	EA	20' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	43,068.48	1,372.98
08 33 23 13-0484	EA	20' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	45,336.36	1,404.68
08 33 23 13-0485	EA	20' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	48,044.37	1,436.40
08 33 23 13-0486	EA	20' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	50,310.39	1,468.11
08 33 23 13-0487	EA	20' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	52,578.26	1,499.83
08 33 23 13-0488	EA	20' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	54,889.30	1,554.06
08 33 23 13-0489	EA	20' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	57,174.56	1,594.47
08 33 23 13-0490	EA	20' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	59,460.05	1,635.91
08 33 23 13-0491	EA	20' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	61,747.70	1,678.46

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™)	40,138.15	1,339.67
08 33 23 13-0494	EA	21' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,186.48	1,372.11
08 33 23 13-0495	EA	21' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	44,234.80	1,404.55
08 33 23 13-0496	EA	21' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	46,723.27	1,436.99
08 33 23 13-0497	EA	21' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	49,432.74	1,469.44
08 33 23 13-0498	EA	21' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	51,921.22	1,501.88
08 33 23 13-0499	EA	21' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	54,188.67	1,534.32
08 33 23 13-0500	EA	21' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	56,723.22	1,589.81
08 33 23 13-0501	EA	21' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	59,010.34	1,631.14
08 33 23 13-0502	EA	21' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	61,297.74	1,673.54
08 33 23 13-0503	EA	21' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	63,808.34	1,717.06

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™)	40,639.92	1,370.48
08 33 23 13-0506	EA	22' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,468.72	1,403.68
08 33 23 13-0507	EA	22' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	45,621.71	1,436.85
08 33 23 13-0508	EA	22' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	48,111.66	1,470.05
08 33 23 13-0509	EA	22' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	51,041.77	1,503.24
08 33 23 13-0510	EA	22' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	53,531.73	1,536.43
08 33 23 13-0511	EA	22' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	55,802.56	1,569.61
08 33 23 13-0512	EA	22' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	58,339.65	1,626.36
08 33 23 13-0513	EA	22' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	60,847.81	1,668.65
08 33 23 13-0514	EA	22' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	63,358.16	1,712.04
08 33 23 13-0515	EA	22' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	65,870.77	1,756.55

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™)	42,246.26	1,402.00
08 33 23 13-0518	EA	23' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	43,855.59	1,435.96
08 33 23 13-0519	EA	23' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	46,789.09	1,469.91
08 33 23 13-0520	EA	23' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	49,501.58	1,503.86
08 33 23 13-0521	EA	23' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	52,433.22	1,537.81
08 33 23 13-0522	EA	23' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	54,924.70	1,571.76
08 33 23 13-0523	EA	23' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	57,637.20	1,605.72
08 33 23 13-0524	EA	23' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	60,176.91	1,663.78
08 33 23 13-0525	EA	23' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	62,687.00	1,707.03
08 33 23 13-0526	EA	23' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	65,420.36	1,751.42
08 33 23 13-0527	EA	23' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	67,935.02	1,796.95

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™)	43,633.06	1,434.25
08 33 23 13-0530	EA	24' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	44,803.81	1,468.98
08 33 23 13-0531	EA	24' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	48,179.00	1,503.72
08 33 23 13-0532	EA	24' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	50,672.05	1,538.45
08 33 23 13-0533	EA	24' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	53,826.24	1,573.18
08 33 23 13-0534	EA	24' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	56,540.30	1,607.91
08 33 23 13-0535	EA	24' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	59,252.50	1,642.64
08 33 23 13-0536	EA	24' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	62,015.87	1,702.04
08 33 23 13-0537	EA	24' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	64,527.97	1,746.29
08 33 23 13-0538	EA	24' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	67,263.36	1,791.70
08 33 23 13-0539	EA	24' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	70,001.12	1,838.29

08 33 23 13-0540 Rytec® Powerhouse™ Door Options (08 33 23 13-0334)



Openings		08	08
Specialty Doors and Frames		08 30	
Coiling Doors and Grilles		08 33	

MINOR			TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
08 33 23 13-0541	EA	Up To 8' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors.....	2,865.60		
08 33 23 13-0542	EA	9' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	2,921.79		
08 33 23 13-0543	EA	10' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	2,977.98		
08 33 23 13-0544	EA	11' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,034.16		
08 33 23 13-0545	EA	12' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,090.35		
08 33 23 13-0546	EA	13' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,146.54		
08 33 23 13-0547	EA	14' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,202.73		
08 33 23 13-0548	EA	15' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,258.92		
08 33 23 13-0549	EA	16' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,315.10		
08 33 23 13-0550	EA	17' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,371.29		
08 33 23 13-0551	EA	18' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,427.48		
08 33 23 13-0552	EA	19' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,483.67		
08 33 23 13-0553	EA	20' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,539.86		
08 33 23 13-0554	EA	21' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,596.05		
08 33 23 13-0555	EA	22' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,652.23		
08 33 23 13-0556	EA	23' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,708.42		
08 33 23 13-0557	EA	24' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,764.61		
08 33 23 13-0558	EA	11" x 20" Window For Rytec® Powerhouse™ High-Speed Rolling Doors	655.53		
08 33 23 13-0559	EA	208-230 Volt Application For Rytec® Powerhouse™ Door.....	1,610.73		
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®).....	34,296.64		1,302.03
08 33 23 13-0564	EA	8' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	35,290.17		1,329.70
08 33 23 13-0565	EA	8' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	36,283.73		1,357.37
08 33 23 13-0566	EA	8' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	37,279.00		1,385.03
08 33 23 13-0567	EA	8' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	38,272.54		1,412.70
08 33 23 13-0568	EA	8' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	39,266.07		1,440.38
08 33 23 13-0569	EA	8' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	40,259.61		1,468.04
08 33 23 13-0570	EA	8' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	41,253.16		1,497.40
08 33 23 13-0571	EA	8' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	42,246.70		1,527.34
08 33 23 13-0572	EA	8' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	43,240.25		1,557.89
08 33 23 13-0573	EA	8' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	44,233.79		1,589.05
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®).....	35,290.17		1,329.70
08 33 23 13-0576	EA	9' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	36,283.73		1,357.37
08 33 23 13-0577	EA	9' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	37,279.00		1,385.03
08 33 23 13-0578	EA	9' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	38,272.54		1,412.70
08 33 23 13-0579	EA	9' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	39,266.07		1,440.38
08 33 23 13-0580	EA	9' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	40,259.61		1,468.04
08 33 23 13-0581	EA	9' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	41,253.16		1,495.71
08 33 23 13-0582	EA	9' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	42,246.70		1,525.62
08 33 23 13-0583	EA	9' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	43,240.25		1,556.14
08 33 23 13-0584	EA	9' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	44,233.79		1,587.27
08 33 23 13-0585	EA	9' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	45,227.33		1,619.00
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®).....	36,283.73		1,357.37
08 33 23 13-0588	EA	10' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	37,279.00		1,385.03
08 33 23 13-0589	EA	10' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	38,272.54		1,412.70
08 33 23 13-0590	EA	10' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	39,266.07		1,440.38
08 33 23 13-0591	EA	10' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	40,259.61		1,468.04
08 33 23 13-0592	EA	10' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	41,253.16		1,495.71
08 33 23 13-0593	EA	10' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	42,246.70		1,523.37
08 33 23 13-0594	EA	10' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	43,240.25		1,553.84
08 33 23 13-0595	EA	10' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	44,233.79		1,584.92
08 33 23 13-0596	EA	10' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	45,227.33		1,616.63
08 33 23 13-0597	EA	10' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	46,220.87		1,648.94
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®).....	37,279.00		1,385.03
08 33 23 13-0600	EA	11' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	38,272.54		1,412.70
08 33 23 13-0601	EA	11' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	39,266.07		1,440.38

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 13-0602	EA	11' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	.....	40,259.61	1,468.04
08 33 23 13-0603	EA	11' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	.....	41,253.16	1,495.71
08 33 23 13-0604	EA	11' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	.....	42,246.70	1,523.37
08 33 23 13-0605	EA	11' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	.....	45,113.18	1,551.04
08 33 23 13-0606	EA	11' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	.....	46,106.91	1,582.06
08 33 23 13-0607	EA	11' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	.....	47,099.16	1,613.70
08 33 23 13-0608	EA	11' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	.....	48,092.69	1,645.98
08 33 23 13-0609	EA	11' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	.....	49,087.50	1,678.91
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®)	.....	38,272.54	1,412.70
08 33 23 13-0612	EA	12' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	.....	39,266.07	1,440.38
08 33 23 13-0613	EA	12' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	.....	40,259.61	1,468.04
08 33 23 13-0614	EA	12' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	.....	41,253.16	1,495.71
08 33 23 13-0615	EA	12' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	.....	42,246.70	1,523.37
08 33 23 13-0616	EA	12' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	.....	43,240.24	1,551.04
08 33 23 13-0617	EA	12' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	.....	46,108.45	1,578.72
08 33 23 13-0618	EA	12' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	.....	47,101.69	1,610.29
08 33 23 13-0619	EA	12' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	.....	48,095.08	1,642.49
08 33 23 13-0620	EA	12' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	.....	49,089.77	1,675.34
08 33 23 13-0621	EA	12' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	.....	50,087.63	1,708.85
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®)	.....	39,266.07	1,440.38
08 33 23 13-0624	EA	13' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	.....	40,259.61	1,468.04
08 33 23 13-0625	EA	13' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	.....	41,253.16	1,495.71
08 33 23 13-0626	EA	13' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	.....	42,246.70	1,523.37
08 33 23 13-0627	EA	13' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	.....	43,240.24	1,551.04
08 33 23 13-0628	EA	13' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	.....	44,233.78	1,578.72
08 33 23 13-0629	EA	13' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	.....	47,102.00	1,606.38
08 33 23 13-0630	EA	13' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	.....	48,096.48	1,638.51
08 33 23 13-0631	EA	13' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	.....	49,090.99	1,671.27
08 33 23 13-0632	EA	13' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	.....	50,086.83	1,704.71
08 33 23 13-0633	EA	13' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	.....	51,083.99	1,738.80
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®)	.....	42,134.28	1,468.04
08 33 23 13-0636	EA	14' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	.....	43,127.84	1,495.71
08 33 23 13-0637	EA	14' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	.....	44,121.37	1,523.37
08 33 23 13-0638	EA	14' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	.....	45,113.18	1,551.04
08 33 23 13-0639	EA	14' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	.....	46,108.45	1,578.72
08 33 23 13-0640	EA	14' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	.....	47,102.00	1,606.38
08 33 23 13-0641	EA	14' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	.....	48,086.87	1,634.05
08 33 23 13-0642	EA	14' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	.....	49,081.90	1,666.73
08 33 23 13-0643	EA	14' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	.....	50,077.54	1,700.07
08 33 23 13-0644	EA	14' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	.....	51,074.53	1,734.07
08 33 23 13-0645	EA	14' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	.....	52,072.88	1,768.74
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®)	.....	43,122.55	1,497.40
08 33 23 13-0648	EA	15' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	.....	44,119.20	1,525.62
08 33 23 13-0649	EA	15' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	.....	45,112.12	1,553.84
08 33 23 13-0650	EA	15' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	.....	46,106.91	1,582.06
08 33 23 13-0651	EA	15' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	.....	47,101.69	1,610.29
08 33 23 13-0652	EA	15' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	.....	48,096.48	1,638.51
08 33 23 13-0653	EA	15' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	.....	49,081.90	1,666.73
08 33 23 13-0654	EA	15' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	.....	50,077.54	1,700.07
08 33 23 13-0655	EA	15' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	.....	51,074.53	1,734.07
08 33 23 13-0656	EA	15' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	.....	52,072.88	1,768.74
08 33 23 13-0657	EA	15' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	.....	53,072.59	1,804.12
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®)	.....	44,111.42	1,527.34
08 33 23 13-0660	EA	16' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	.....	45,109.20	1,556.14
08 33 23 13-0661	EA	16' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	.....	46,103.25	1,584.92
08 33 23 13-0662	EA	16' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	.....	47,099.16	1,613.70
08 33 23 13-0663	EA	16' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	.....	48,095.08	1,642.49
08 33 23 13-0664	EA	16' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	.....	49,090.99	1,671.27
08 33 23 13-0665	EA	16' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	.....	50,077.54	1,700.07



		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 13-0666 EA 16' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	51,074.53	1,734.07
08 33 23 13-0667 EA 16' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	52,072.88	1,768.74
08 33 23 13-0668 EA 16' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	53,072.59	1,804.12
08 33 23 13-0669 EA 16' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	54,075.62	1,840.20
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®).....	45,101.49	1,557.89
08 33 23 13-0672 EA 17' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	46,100.43	1,587.27
08 33 23 13-0673 EA 17' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	47,095.62	1,616.63
08 33 23 13-0674 EA 17' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	48,092.69	1,645.98
08 33 23 13-0675 EA 17' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	49,089.77	1,675.34
08 33 23 13-0676 EA 17' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	50,086.83	1,704.71
08 33 23 13-0677 EA 17' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	51,074.53	1,734.07
08 33 23 13-0678 EA 17' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	52,072.88	1,768.74
08 33 23 13-0679 EA 17' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	53,072.59	1,804.12
08 33 23 13-0680 EA 17' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	54,075.62	1,840.20
08 33 23 13-0681 EA 17' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	55,078.19	1,877.01
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®).....	46,300.69	1,589.05
08 33 23 13-0684 EA 18' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	47,298.93	1,619.00
08 33 23 13-0685 EA 18' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	48,297.16	1,648.94
08 33 23 13-0686 EA 18' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	49,293.52	1,678.91
08 33 23 13-0687 EA 18' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	50,293.65	1,708.85
08 33 23 13-0688 EA 18' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	51,290.01	1,738.80
08 33 23 13-0689 EA 18' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	52,280.77	1,768.74
08 33 23 13-0690 EA 18' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	53,280.49	1,804.12
08 33 23 13-0691 EA 18' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	54,281.64	1,840.20
08 33 23 13-0692 EA 18' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	55,284.22	1,877.01
08 33 23 13-0693 EA 18' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	56,288.29	1,914.55
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®).....	47,602.26	1,620.84
08 33 23 13-0696 EA 19' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	48,603.57	1,651.39
08 33 23 13-0697 EA 19' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	49,601.15	1,681.93
08 33 23 13-0698 EA 19' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	50,600.58	1,712.47
08 33 23 13-0699 EA 19' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	51,600.02	1,743.03
08 33 23 13-0700 EA 19' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	52,599.45	1,773.57
08 33 23 13-0701 EA 19' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	53,589.53	1,804.12
08 33 23 13-0702 EA 19' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	54,590.67	1,840.20
08 33 23 13-0703 EA 19' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	55,593.25	1,877.01
08 33 23 13-0704 EA 19' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	56,597.32	1,914.55
08 33 23 13-0705 EA 19' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	57,604.75	1,952.84
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®).....	49,215.59	1,653.58
08 33 23 13-0708 EA 20' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	50,218.73	1,683.96
08 33 23 13-0709 EA 20' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	51,217.05	1,715.43
08 33 23 13-0710 EA 20' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	52,218.33	1,746.89
08 33 23 13-0711 EA 20' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	53,218.51	1,778.36
08 33 23 13-0712 EA 20' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	54,218.70	1,808.74
08 33 23 13-0713 EA 20' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	55,210.62	1,840.20
08 33 23 13-0714 EA 20' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	56,213.38	1,877.09
08 33 23 13-0715 EA 20' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	57,217.21	1,915.07
08 33 23 13-0716 EA 20' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	58,223.23	1,953.05
08 33 23 13-0717 EA 20' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	59,230.33	1,992.11
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®).....	34,567.99	868.02
08 33 23 13-0721 EA 8' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	35,328.04	886.46
08 33 23 13-0722 EA 8' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	36,088.10	904.91
08 33 23 13-0723 EA 8' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	36,844.69	923.35
08 33 23 13-0724 EA 8' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	37,604.74	941.80
08 33 23 13-0725 EA 8' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	38,364.80	960.24
08 33 23 13-0726 EA 8' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	46,353.01	978.69

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 13-0727		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®)	35,328.04 886.46
08 33 23 13-0729	EA	9' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	36,088.10 904.91
08 33 23 13-0730	EA	9' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	36,844.69 923.35
08 33 23 13-0731	EA	9' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	37,604.74 941.80
08 33 23 13-0732	EA	9' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	38,364.80 960.24
08 33 23 13-0733	EA	9' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	39,124.85 978.69
08 33 23 13-0734	EA	9' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	47,113.07 997.14
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®)	36,088.10 904.91
08 33 23 13-0737	EA	10' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	36,844.69 923.35
08 33 23 13-0738	EA	10' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	37,604.74 941.80
08 33 23 13-0739	EA	10' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	38,364.80 960.24
08 33 23 13-0740	EA	10' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	39,124.85 978.69
08 33 23 13-0741	EA	10' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	39,884.90 997.14
08 33 23 13-0742	EA	10' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	47,873.12 1,015.59
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®)	36,844.69 923.35
08 33 23 13-0745	EA	11' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	37,604.74 941.80
08 33 23 13-0746	EA	11' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	38,364.80 960.24
08 33 23 13-0747	EA	11' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	39,124.85 978.69
08 33 23 13-0748	EA	11' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	39,884.90 997.14
08 33 23 13-0749	EA	11' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	40,644.96 1,015.59
08 33 23 13-0750	EA	11' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	48,629.69 1,034.03
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®)	37,604.74 941.80
08 33 23 13-0753	EA	12' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	38,364.80 960.24
08 33 23 13-0754	EA	12' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	39,124.85 978.69
08 33 23 13-0755	EA	12' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	39,884.90 997.14
08 33 23 13-0756	EA	12' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	40,644.96 1,015.59
08 33 23 13-0757	EA	12' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	41,405.00 1,034.03
08 33 23 13-0758	EA	12' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	49,389.76 1,052.48
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®)	38,364.80 960.24
08 33 23 13-0761	EA	13' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	39,124.85 978.69
08 33 23 13-0762	EA	13' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	39,884.90 997.14
08 33 23 13-0763	EA	13' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	40,644.96 1,015.59
08 33 23 13-0764	EA	13' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	41,405.00 1,034.03
08 33 23 13-0765	EA	13' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	42,165.06 1,052.48
08 33 23 13-0766	EA	13' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	50,149.81 1,070.92
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®)	46,353.01 978.69
08 33 23 13-0769	EA	14' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	47,113.07 997.14
08 33 23 13-0770	EA	14' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	47,873.12 1,015.59
08 33 23 13-0771	EA	14' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	48,629.69 1,034.03
08 33 23 13-0772	EA	14' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	49,389.76 1,052.48
08 33 23 13-0773	EA	14' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	50,149.81 1,070.92
08 33 23 13-0774	EA	14' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	50,909.86 1,089.37
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®)	32,089.81 868.02
08 33 23 13-0778	EA	8' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	32,849.87 886.46
08 33 23 13-0779	EA	8' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	33,609.92 904.91
08 33 23 13-0780	EA	8' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	34,368.25 923.35
08 33 23 13-0781	EA	8' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	35,128.30 941.80