

## CALIFORNIA NON-PREVAILING WAGE 1.19 MULTIPLIER

No.	Description	Unit of Measure	CA NON-PREVAILING WAGE
1	Water Resistant Roofing		
2	Pressure cleaning, vertical walls	SF	\$ 0.17
3	Pressure cleaning, horizontal surfaces	SF	\$ 0.36
4	Roof scanning to identify wet or substandard room components to be removed	SF	\$ 0.01
5	Asphalt emulsion coating, waterproofing, brush applied, per coat	SF	\$ 0.10
6	Rubberized coating waterproofing, brush applied, per coat	SF	\$ 0.17
7	Vinyl/acrylic resin, dampproofing, brush applied per coat.	SF	\$ 0.15
8	Non-pigmented synthetic resin, waterproofing, one coat sprayed on	SF	\$ 0.15
9	Caulking: remove existing, clean and prime joint	LF	\$ 1.02
10	Caulking, epoxied urethane compound, 2 component, 1/4" x 1/4", in place	LF	\$ 0.93
11	Caulking, polyurethane, 1 component, 1/4" x 1/4", in place	LF	\$ 1.20
12	Caulking, polyurethane, 1 component, 1/2" x 1/2", in place	LF	\$ 1.17
13	Caulking, silicone rubber, 1 component, 1/4" x 1/4", in place	LF	\$ 0.99
14	Caulking, epoxied urethane compound, 2 component, 1/4" x 1/4", in place	LF	\$ 1.64
15	Caulking, silicone rubber, 1 component, 3/4" x 3/8", in place	LF	\$ 1.17
16	Backer rod, polyethylene, 3/8" diameter, installed in prepared opening	LF	\$ 0.23
17	Backer rod, polyethylene, 1/2" diameter, installed in prepared opening	LF	\$ 0.37
18	Backer rod, polyethylene, 3/4" diameter, installed in prepared opening	LF	\$ 0.39
19	Backer rod, polyethylene, 1" diameter, installed in prepared opening	LF	\$ 0.46
20	Building paper, asphalt felt sheathing paper, 1 ply, 15#, in place	SF	\$ 0.21
21	Building paper, asphalt felt sheathing paper, 1 ply, 40#, in place	SF	\$ 0.11
22	Building paper, red rosin paper, 5 square rolls, 4#, in place	SF	\$ 0.12
	Vapor retarder adhered, 2 ply inorganic, glass Type 15, applied in Type IV (or		
23	appropriate type) asphalt, in place	SF	\$ 0.24
24	Vapor retarder, 2 ply organic, Type 15 pound, applied in Type IV asphalt (or appropriate type), in place	SF	\$ 0.23
25	Vapor retarder; 2-ply inorganic, glass, Type IV, applied in cold adhesive to 4' x 8' x 1/4"	SF	\$ 0.57
26	glass-mat embedded, water resistant gypsum core panel mechanically fastened  Insulation		
27	Demolition of roof insulation, per inch of depth	SF	\$ 0.43
28			
20	Demolition of lightweight cementitious fills, per inch of depth	SF	\$ 0.32
29	Roof deck insulation, Isocyanurate in $4' \times 4'$ or $4' \times 8'$ sheets with fiberglass facers, $1''$ thick, R-6.6, applied Type IV (or appropriate) asphalt	SF	\$ 0.45
30	Roof deck insulation, Isocyanurate in $4^{\prime}$ x $4^{\prime}$ or $4^{\prime}$ x $8^{\prime}$ sheets with fiberglass facers, $1\ 1/2^{\prime\prime}$ thick, R-10.0, applied Type IV (or appropriate) asphalt	SF	\$ 0.68
31	Roof deck insulation, Isocyanurate in $4' \times 4'$ or $4' \times 8'$ sheets, $1''$ thick, R-6.6, mechanically fastened	SF	\$ 0.36
32	Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets with fiberglass facers, 1 $1/2$ " thick, R-10.0, mechanically fastened	SF	\$ 0.77
33	Roof deck insulation, fiberboard in $4' \times 4'$ sheets, $1/2''$ thick, R-1.39, applied Type IV (or appropriate) asphalt	SF	\$ 0.98
34	Roof deck insulation, fiberboard in 4' $\times$ 8' sheets, 25/32" thick, R-2.4, installed hot/cold or mechanically attached coated six sides	SF	\$ 0.33
35	Roof deck insulation, fiberboard in $4' \times 4'$ , $1''$ thick, R-2.78, applied Type IV asphalt (or appropriate asphalt), coated six sides	SF	\$ 0.48
36	Roof deck insulation, fiberboard in 4' $\times$ 4' sheets, 1/2" thick, R-1.39, mechanically fastened, coated six sides	SF	\$ 0.52
37	Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, mechanically fastened, coated six sides	SF	\$ 0.31
38	Roof deck insulation, lightweight cellular wire reinforced concrete fill, R-value depending on thickness, per inch of depth	SF	\$ 0.50

39	Roof deck insulation, vermiculite at 1/8:12, R-value depending on thickness, per inch of depth	SF	\$	1.29
	Roof deck insulation, vermiculite at 1/4:12, R-value depending on thickness, per inch of depth	SF	\$	1.45
	Roof deck insulation, gypsum panels, 3" thick	SF	\$	2.36
	Roof deck insulation, Isocyanurate (black facer only), tapered, 1/8" per foot slope, Type IV asphalt, per inch of depth	SF	\$	0.63
	Roof deck insulation, Isocyanurate (black facer only), tapered, 1/4" per foot slope, Type	SF	\$	1.00
	IV asphalt, per inch of depth Cold insulation adhesive	SF	\$	0.93
	CDX Gypsum, 1/4" x 4' x 8' - Mechanically attached	SF	\$	0.93
	CDX Gypsum, 1/4" x 4' x 8' - Set into adhesive	SF	\$	1.37
	CDX Gypsum, 1/2" x 4' x 8' - Mechanically attached	SF	\$	1.15
48	CDX Gypsum, 1/2" x 4' x 8' - Set into adhesive	SF	\$	1.69
	CDX Gypsum with fiberglass, facer: 1/4" x 4' x 8' - Mechanically attached	SF	\$	0.44
	CDX Gypsum with fiberglass, facer: 1/4" x 4' x 8' - Set into adhesive	SF	\$	0.69
	CDX Gypsum with fiberglass facer: 1/2" x 4' x 8' - Mechanically attached	SF	\$	0.56
	CDX Gypsum with fiberglass facer: 1/2" x 4' x 8' - Set into adhesive	SF	\$	0.83
53	Roof Tiles and Shingles			
	Remove composition shingles and felts to decking (test for removal of asbestos prior to	C.P.		0.55
	removal)	SF	\$	0.75
55	Remove clay, concrete, or slate roof tiles to decking	SF	\$	0.81
56	Remove wood shingles and felts to decking	SF	\$	0.29
57	Shingles, fiberglass, Class A, 25-year strip shingles, slopes 3:12 or greater	SF	\$	1.45
	Shingles, fiberglass, Class A, 30-year, premium laminated multilayered shingles, slopes 3:12 or greater	SF	\$	2.19
	Replace clay or concrete roof tiles	Each	\$	4.02
	Self-adhering ice and water shield membrane for shingles, tiles, metal waterways,	Eacii	Φ	4.02
	penetrations, valleys, ridges, edges, etc.	SF	\$	2.15
61	Roofing and Roof Restoration			
	Remove built-up roof, multi-ply aggregate, non-asbestos, 1 " thick or less	SF	\$	0.88
	Remove single-ply roof: ballast, and membrane only	SF	\$	1.04
	Remove single-ply roof, membrane partially or fully adhered	SF	\$	1.14
	Remove single-ply roof, membrane mechanically attached	SF	\$	1.14
	Remove copper sheet roofing	SF	\$	0.30
	Base sheet, 3-ply fiberglass, Type IV (or appropriate type) asphalt (17 year roof)	SF	\$	1.70
	Base sheet, 4-ply fiberglass, mechanically attached (17-year roof)		IΨ	1./0
		CE.	¢	1 21
		SF	\$	1.21
69	Fiberglass cap finishing membrane	SF	\$	0.40
69 70	Fiberglass cap finishing membrane  Base sheet with 2 ply, fiberglass felts, Type IV asphalt (or appropriate type)	SF SF	\$	0.40 1.58
69 70 71	Fiberglass cap finishing membrane  Base sheet with 2 ply, fiberglass felts, Type IV asphalt (or appropriate type)  Base sheet with 3 ply, fiberglass felts, Type IV asphalt (or appropriate type)	SF	\$	0.40
69 70 71 72	Fiberglass cap finishing membrane  Base sheet with 2 ply, fiberglass felts, Type IV asphalt (or appropriate type)  Base sheet with 3 ply, fiberglass felts, Type IV asphalt (or appropriate type)  Base sheet mechanically attached with 4 ply, Type VI fiberglass felts, Type IV (or appropriate type) asphalt	SF SF	\$	0.40 1.58
70 71 72	Fiberglass cap finishing membrane  Base sheet with 2 ply, fiberglass felts, Type IV asphalt (or appropriate type)  Base sheet with 3 ply, fiberglass felts, Type IV asphalt (or appropriate type)  Base sheet mechanically attached with 4 ply, Type VI fiberglass felts, Type IV (or	SF SF SF	\$ \$	0.40 1.58 2.02
70 71 72 73	Fiberglass cap finishing membrane  Base sheet with 2 ply, fiberglass felts, Type IV asphalt (or appropriate type)  Base sheet with 3 ply, fiberglass felts, Type IV asphalt (or appropriate type)  Base sheet mechanically attached with 4 ply, Type VI fiberglass felts, Type IV (or appropriate type) asphalt  Nail base sheet, 3 ply Type VI fiberglass felts, fiberglass cap, Type IV (or appropriate type) asphalt.  Base sheet with 4 ply; 2 polyester and 2 fiberglass felts, Type IV (or appropriate type)	SF SF SF	\$ \$ \$	0.40 1.58 2.02 1.37
70 71 72 73 74	Fiberglass cap finishing membrane  Base sheet with 2 ply, fiberglass felts, Type IV asphalt (or appropriate type)  Base sheet with 3 ply, fiberglass felts, Type IV asphalt (or appropriate type)  Base sheet mechanically attached with 4 ply, Type VI fiberglass felts, Type IV (or appropriate type) asphalt  Nail base sheet, 3 ply Type VI fiberglass felts, fiberglass cap, Type IV (or appropriate type) asphalt.  Base sheet with 4 ply; 2 polyester and 2 fiberglass felts, Type IV (or appropriate type) asphalt (20 year roof)  Built-up roof, base sheet with 3 ply polyester roofing sheet, Type IV (or appropriate type)	SF SF SF SF	\$ \$ \$ \$	0.40 1.58 2.02 1.37
70 71 72 73 74	Fiberglass cap finishing membrane  Base sheet with 2 ply, fiberglass felts, Type IV asphalt (or appropriate type)  Base sheet with 3 ply, fiberglass felts, Type IV asphalt (or appropriate type)  Base sheet mechanically attached with 4 ply, Type VI fiberglass felts, Type IV (or appropriate type) asphalt  Nail base sheet, 3 ply Type VI fiberglass felts, fiberglass cap, Type IV (or appropriate type) asphalt.  Base sheet with 4 ply; 2 polyester and 2 fiberglass felts, Type IV (or appropriate type) asphalt (20 year roof)  Built-up roof, base sheet with 3 ply polyester roofing sheet, Type IV (or appropriate type) asphalt (20 year roof)  Built-up roof, base sheet with 3 ply Type GS fiberglass, cold process adhesive (20 year	SF SF SF SF SF	\$ \$ \$ \$ \$	0.40 1.58 2.02 1.37 1.42
70 71 72 73 74 75	Fiberglass cap finishing membrane  Base sheet with 2 ply, fiberglass felts, Type IV asphalt (or appropriate type)  Base sheet with 3 ply, fiberglass felts, Type IV asphalt (or appropriate type)  Base sheet mechanically attached with 4 ply, Type VI fiberglass felts, Type IV (or appropriate type) asphalt  Nail base sheet, 3 ply Type VI fiberglass felts, fiberglass cap, Type IV (or appropriate type) asphalt.  Base sheet with 4 ply; 2 polyester and 2 fiberglass felts, Type IV (or appropriate type) asphalt (20 year roof)  Built-up roof, base sheet with 3 ply polyester roofing sheet, Type IV (or appropriate type) asphalt (20 year roof)  Built-up roof, base sheet with 3 ply Type GS fiberglass, cold process adhesive (20 year roof)  Built-up roof base sheet plus 4 ply Type G2 fiberglass, cold process adhesive (30 year	SF SF SF SF SF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.40 1.58 2.02 1.37 1.42 1.62 1.21 3.13
70 71 72 73 74 75 76	Fiberglass cap finishing membrane  Base sheet with 2 ply, fiberglass felts, Type IV asphalt (or appropriate type)  Base sheet with 3 ply, fiberglass felts, Type IV asphalt (or appropriate type)  Base sheet mechanically attached with 4 ply, Type VI fiberglass felts, Type IV (or appropriate type) asphalt  Nail base sheet, 3 ply Type VI fiberglass felts, fiberglass cap, Type IV (or appropriate type) asphalt.  Base sheet with 4 ply; 2 polyester and 2 fiberglass felts, Type IV (or appropriate type) asphalt (20 year roof)  Built-up roof, base sheet with 3 ply polyester roofing sheet, Type IV (or appropriate type) asphalt (20 year roof)  Built-up roof, base sheet with 3 ply Type GS fiberglass, cold process adhesive (20 year roof)	SF SF SF SF SF SF SF SF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.40 1.58 2.02 1.37 1.42 1.62 1.21 3.13 2.12
70 71 72 73 74 75 76	Fiberglass cap finishing membrane  Base sheet with 2 ply, fiberglass felts, Type IV asphalt (or appropriate type)  Base sheet with 3 ply, fiberglass felts, Type IV asphalt (or appropriate type)  Base sheet mechanically attached with 4 ply, Type VI fiberglass felts, Type IV (or appropriate type) asphalt  Nail base sheet, 3 ply Type VI fiberglass felts, fiberglass cap, Type IV (or appropriate type) asphalt.  Base sheet with 4 ply; 2 polyester and 2 fiberglass felts, Type IV (or appropriate type) asphalt (20 year roof)  Built-up roof, base sheet with 3 ply polyester roofing sheet, Type IV (or appropriate type) asphalt (20 year roof)  Built-up roof, base sheet with 3 ply Type GS fiberglass, cold process adhesive (20 year roof)  Built-up roof base sheet plus 4 ply Type G2 fiberglass, cold process adhesive (30 year roof)  Built-up roof, base sheet, 1 ply Type VI fiberglass, 1 ply modified bitumen sheet, fire rated, Type IV asphalt (15 year roof)	SF SF SF SF SF SF SF SF SF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.40 1.58 2.02 1.37 1.42 1.62 1.21 3.13 2.12 3.08
70 71 72 73 74 75 76 77 78	Fiberglass cap finishing membrane  Base sheet with 2 ply, fiberglass felts, Type IV asphalt (or appropriate type)  Base sheet with 3 ply, fiberglass felts, Type IV asphalt (or appropriate type)  Base sheet mechanically attached with 4 ply, Type VI fiberglass felts, Type IV (or appropriate type) asphalt  Nail base sheet, 3 ply Type VI fiberglass felts, fiberglass cap, Type IV (or appropriate type) asphalt.  Base sheet with 4 ply; 2 polyester and 2 fiberglass felts, Type IV (or appropriate type) asphalt (20 year roof)  Built-up roof, base sheet with 3 ply polyester roofing sheet, Type IV (or appropriate type) asphalt (20 year roof)  Built-up roof, base sheet with 3 ply Type GS fiberglass, cold process adhesive (20 year roof)  Built-up roof base sheet plus 4 ply Type G2 fiberglass, cold process adhesive (30 year roof)  Built-up roof, base sheet, 1 ply Type VI fiberglass, 1 ply modified bitumen sheet, fire rated, Type IV asphalt (15 year roof)  Built-up roof, base sheet, 2 ply polyester roofing sheet, 1 ply modified bitumen sheet, fire rated, Type IV asphalt (or appropriate type) (20 year roof)	SF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.40 1.58 2.02 1.37 1.42 1.62 1.21 3.13 2.12 3.08
70 71 72 73 74 75 76 77 78	Fiberglass cap finishing membrane Base sheet with 2 ply, fiberglass felts, Type IV asphalt (or appropriate type) Base sheet with 3 ply, fiberglass felts, Type IV asphalt (or appropriate type) Base sheet mechanically attached with 4 ply, Type VI fiberglass felts, Type IV (or appropriate type) asphalt Nail base sheet, 3 ply Type VI fiberglass felts, fiberglass cap, Type IV (or appropriate type) asphalt. Base sheet with 4 ply; 2 polyester and 2 fiberglass felts, Type IV (or appropriate type) asphalt (20 year roof) Built-up roof, base sheet with 3 ply polyester roofing sheet, Type IV (or appropriate type) asphalt (20 year roof) Built-up roof, base sheet with 3 ply Type GS fiberglass, cold process adhesive (20 year roof) Built-up roof base sheet plus 4 ply Type G2 fiberglass, cold process adhesive (30 year roof) Built-up roof, base sheet, 1 ply Type VI fiberglass, 1 ply modified bitumen sheet, fire rated, Type IV asphalt (15 year roof) Built-up roof, base sheet, 2 ply polyester roofing sheet, 1 ply modified bitumen sheet, fire rated, Type IV asphalt (or appropriate type) (20 year roof) Built-up roof, base sheet, G-2, 33 lb., mechanically attached	SF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.40 1.58 2.02 1.37 1.42 1.62 1.21 3.13 2.12 3.08 1.76 0.62
70 71 72 73 74 75 76 77 78 79 80 81	Fiberglass cap finishing membrane  Base sheet with 2 ply, fiberglass felts, Type IV asphalt (or appropriate type)  Base sheet with 3 ply, fiberglass felts, Type IV asphalt (or appropriate type)  Base sheet mechanically attached with 4 ply, Type VI fiberglass felts, Type IV (or appropriate type) asphalt  Nail base sheet, 3 ply Type VI fiberglass felts, fiberglass cap, Type IV (or appropriate type) asphalt.  Base sheet with 4 ply; 2 polyester and 2 fiberglass felts, Type IV (or appropriate type) asphalt (20 year roof)  Built-up roof, base sheet with 3 ply polyester roofing sheet, Type IV (or appropriate type) asphalt (20 year roof)  Built-up roof, base sheet with 3 ply Type GS fiberglass, cold process adhesive (20 year roof)  Built-up roof base sheet plus 4 ply Type G2 fiberglass, cold process adhesive (30 year roof)  Built-up roof, base sheet, 1 ply Type VI fiberglass, 1 ply modified bitumen sheet, fire rated, Type IV asphalt (15 year roof)  Built-up roof, base sheet, 2 ply polyester roofing sheet, 1 ply modified bitumen sheet, fire rated, Type IV asphalt (or appropriate type) (20 year roof)  Built-up roof, base sheet, G-2, 33 lb., mechanically attached  Built-up roof, base sheet, G-2, 33 lb., Type IV asphalt	SF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.40 1.58 2.02 1.37 1.42 1.62 1.21 3.13 2.12 3.08 1.76 0.62 0.70
70 71 72 73 74 75 76 77 78 79 80 81 82	Fiberglass cap finishing membrane  Base sheet with 2 ply, fiberglass felts, Type IV asphalt (or appropriate type)  Base sheet with 3 ply, fiberglass felts, Type IV asphalt (or appropriate type)  Base sheet mechanically attached with 4 ply, Type VI fiberglass felts, Type IV (or appropriate type) asphalt  Nail base sheet, 3 ply Type VI fiberglass felts, fiberglass cap, Type IV (or appropriate type) asphalt.  Base sheet with 4 ply; 2 polyester and 2 fiberglass felts, Type IV (or appropriate type) asphalt (20 year roof)  Built-up roof, base sheet with 3 ply polyester roofing sheet, Type IV (or appropriate type) asphalt (20 year roof)  Built-up roof, base sheet with 3 ply Type GS fiberglass, cold process adhesive (20 year roof)  Built-up roof base sheet plus 4 ply Type G2 fiberglass, cold process adhesive (30 year roof)  Built-up roof, base sheet, 1 ply Type VI fiberglass, 1 ply modified bitumen sheet, fire rated, Type IV asphalt (15 year roof)  Built-up roof, base sheet, 2 ply polyester roofing sheet, 1 ply modified bitumen sheet, fire rated, Type IV asphalt (or appropriate type) (20 year roof)  Built-up roof, base sheet, G-2, 33 lb., mechanically attached  Built-up roof, base sheet, G-2, 33 lb., Type IV asphalt  Built-up roof, premium asphalt, added cost per ply per square foot	SF S	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.40 1.58 2.02 1.37 1.42 1.62 1.21 3.13 2.12 3.08 1.76 0.62 0.70 0.10
70 71 72 73 74 75 76 77 78 79 80 81 82 83	Base sheet with 2 ply, fiberglass felts, Type IV asphalt (or appropriate type) Base sheet with 3 ply, fiberglass felts, Type IV asphalt (or appropriate type) Base sheet mechanically attached with 4 ply, Type VI fiberglass felts, Type IV (or appropriate type) asphalt Nail base sheet, 3 ply Type VI fiberglass felts, fiberglass cap, Type IV (or appropriate type) asphalt. Base sheet with 4 ply; 2 polyester and 2 fiberglass felts, Type IV (or appropriate type) asphalt (20 year roof) Built-up roof, base sheet with 3 ply polyester roofing sheet, Type IV (or appropriate type) asphalt (20 year roof) Built-up roof, base sheet with 3 ply Type GS fiberglass, cold process adhesive (20 year roof) Built-up roof base sheet plus 4 ply Type G2 fiberglass, cold process adhesive (30 year roof) Built-up roof, base sheet, 1 ply Type VI fiberglass, 1 ply modified bitumen sheet, fire rated, Type IV asphalt (15 year roof) Built-up roof, base sheet, 2 ply polyester roofing sheet, 1 ply modified bitumen sheet, fire rated, Type IV asphalt (or appropriate type) (20 year roof) Built-up roof, base sheet, G-2, 33 lb., mechanically attached Built-up roof, base sheet, G-2, 33 lb., Type IV asphalt Built-up roof, premium asphalt, added cost per ply per square foot Built-up roof, modified bitumen adhesive, added cost per ply per square foot	SF S	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.40 1.58 2.02 1.37 1.42 1.62 1.21 3.13 2.12 3.08 1.76 0.62 0.70 0.10 0.24
70 71 72 73 74 75 76 77 78 80 81 82 83 84	Base sheet with 2 ply, fiberglass felts, Type IV asphalt (or appropriate type) Base sheet with 3 ply, fiberglass felts, Type IV asphalt (or appropriate type) Base sheet mechanically attached with 4 ply, Type VI fiberglass felts, Type IV (or appropriate type) asphalt Nail base sheet, 3 ply Type VI fiberglass felts, fiberglass cap, Type IV (or appropriate type) asphalt. Base sheet with 4 ply; 2 polyester and 2 fiberglass felts, Type IV (or appropriate type) asphalt (20 year roof) Built-up roof, base sheet with 3 ply polyester roofing sheet, Type IV (or appropriate type) asphalt (20 year roof) Built-up roof, base sheet with 3 ply Type GS fiberglass, cold process adhesive (20 year roof) Built-up roof base sheet plus 4 ply Type G2 fiberglass, cold process adhesive (30 year roof) Built-up roof, base sheet, 1 ply Type VI fiberglass, 1 ply modified bitumen sheet, fire rated, Type IV asphalt (15 year roof) Built-up roof, base sheet, 2 ply polyester roofing sheet, 1 ply modified bitumen sheet, fire rated, Type IV asphalt (or appropriate type) (20 year roof) Built-up roof, base sheet, G-2, 33 lb., mechanically attached Built-up roof, base sheet, G-2, 33 lb., Type IV asphalt Built-up roof, premium asphalt, added cost per ply per square foot Built-up roof, modified bitumen adhesive, added cost per ply per square foot Built-up roof, surface with cold asphaltic surfacing adhesive and gravel	SF S	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.40 1.58 2.02 1.37 1.42 1.62 1.21 3.13 2.12 3.08 1.76 0.62 0.70 0.10 0.24 2.63
70 71 72 73 74 75 76 77 78 80 81 82 83 84 85	Base sheet with 2 ply, fiberglass felts, Type IV asphalt (or appropriate type) Base sheet with 3 ply, fiberglass felts, Type IV asphalt (or appropriate type) Base sheet mechanically attached with 4 ply, Type VI fiberglass felts, Type IV (or appropriate type) asphalt Nail base sheet, 3 ply Type VI fiberglass felts, fiberglass cap, Type IV (or appropriate type) asphalt. Base sheet with 4 ply; 2 polyester and 2 fiberglass felts, Type IV (or appropriate type) asphalt (20 year roof) Built-up roof, base sheet with 3 ply polyester roofing sheet, Type IV (or appropriate type) asphalt (20 year roof) Built-up roof, base sheet with 3 ply Type GS fiberglass, cold process adhesive (20 year roof) Built-up roof base sheet plus 4 ply Type G2 fiberglass, cold process adhesive (30 year roof) Built-up roof, base sheet, 1 ply Type VI fiberglass, 1 ply modified bitumen sheet, fire rated, Type IV asphalt (15 year roof) Built-up roof, base sheet, 2 ply polyester roofing sheet, 1 ply modified bitumen sheet, fire rated, Type IV asphalt (or appropriate type) (20 year roof) Built-up roof, base sheet, G-2, 33 lb., mechanically attached Built-up roof, base sheet, G-2, 33 lb., Type IV asphalt Built-up roof, premium asphalt, added cost per ply per square foot Built-up roof, modified bitumen adhesive, added cost per ply per square foot	SF S	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.40 1.58 2.02 1.37 1.42 1.62 1.21 3.13 2.12 3.08 1.76 0.62 0.70 0.10 0.24

88	Built-up roof, surface with aluminum coating or paint	SF	\$	1.70
89	Built-up roofing, surface with high solids white elastomeric coating	SF	\$	2.36
90	Built-up roofing repairs; fibered ashpalt mastic, brush grade, with fiberglass mesh.	SF	\$	2.42
91	Built-up roofing repairs; pitch-based mastic, with fiberglass mesh	SF	\$	2.09
92	Built-up roofing repairs; elastomeric mastic, with fiberglass mesh	SF	\$	3.31
93	Built-up roofing restoration, coal tar pitch roofs	SF	\$	2.11
94	Built-up roofing rrestoration, odorless, coal tar pitch or asphalt roofs	SF	\$	1.84
95	Single-ply roof, CSPE, 45 mils reinforced, asbestos free, mechanically fastened	SF	\$	1.76
96	Single-ply roof, CSPE, 60 mils reinforced, asbestos free, mechanically fastened	SF	\$	1.88
97	Single-ply roofing repairs (CSPE, PVC, and EPDM)	51	Ψ	1.00
98	CSPE	SF	\$	1.64
99	PVC	SF	\$	2.06
100				
	EPDM	SF	\$	1.81
101	Flashing membrane, 2 ply, Type IV or Type VI fiberglass	SF	\$	1.75
102	Flashing membrane, 1 ply polyester and 1 ply modified bitumen	SF	\$	2.81
	Flashing membrane, 2 ply, polyester	SF	\$	1.95
104	Flashing membrane, CSPE	SF	\$	5.20
105	Flashing membrane, CSPE with aluminum coating	SF	\$	8.21
106	Polyurethane foam roofing	SF	\$	1.31
107	Additional Polyurethane foam coating	SF	\$	2.13
108	Single-ply roof, EDPM, 45 mils reinforced, mechanically fastened	SF	\$	1.31
109	Single-ply roof, EDPM, 60 mils fully adhered	SF	\$	2.87
	onigic ply 1001, 251 M, 00 mile raily dancered			
110	Built-up roof, base sheet with 3 ply trilaminate ply, cold process adhesive (25 year roof)	SF	\$	3.13
111	Duilt up woof guyfaga with promium annhalt and ground	SF	\$	0.54
112	Built-up roof, surface with premium asphalt, and gravel.		<del></del>	
	Built-up roof, surface with Fire Retardent Aluminum coating or paint, single coat	SF	\$	0.76
	Modified Bitumen roof, base sheet, cap sheet, cold Modified Bitumen Adhesive	SF	\$	4.61
114	Built-up roof, 3 ply fiberglass felts, Type IV asphalt	SF	\$	2.62
	Single ply Roof, 45 mils fully adhered with bonding adhesive	SF	\$	3.49
116	Single ply roof, TPA Fleece Back, 45 mils fully adhered with hot asphalt	SF	\$	3.49
117	Single ply roof, 45 mils mechanically attached	SF	\$	1.56
118	Base sheet mechanically attached with 3 ply fiberglass felts, Type 1 -Coal Tar Pitch	SF	\$	1.56
119	Base sheet mechanically attached with 3 ply Organic felts, Type 1 -Coal Tar Pitch	SF	\$	1.61
120	Built-up roof, 4 ply Fiberglass felts, Type 1 Coal Tar Pitch	SF	\$	1.65
	Build-up roof, 4 ply Organic felts, Type 1 Coal Tar Pitch	SF	\$	1.65
	Built-up roof, surface with hot Coal Tar Pitch and gravel	SF	\$	1.15
	Single ply repairs using 2 coat polyurethane, elastomeric coating system	SF	\$	4.00
123		3F	φ	4.00
124	Single ply repairs at laps or defects using 2 coats elastomeric coating system with	SF	\$	4.28
124	reinforcement			
	Single ply roof, TPA fleece back, 60 mils fully adhered with hot asphalt	SF	\$	5.57
	Single ply roof 60 mils fully adhered with bonding adhesive	SF	\$	5.57
	Built-up roof, 1 ply Trilaminate, 1 ply Modified Bitumen Sheet, fire rated	SF	\$	2.62
128	Masonry			
129	Brick, remove and reset, 1 to 50 sq ft	SF	\$	19.86
130	Brick, remove and reset, over 50 sq ft	SF	\$	16.05
131	Block, remove and reset	SF	\$	16.73
	Coping stones, remove and reset	Each	\$	39.84
133	Brick, block or coping removal	Each	\$	12.94
100	Brick, block and brick exterior wall maintenance, repair and application of	Buch	Ψ	12.71
134	protective coatings.			
134				
405	Selective Demolition of Concrete Block Masonry Units (CMU) with perimeter saw cutting-	Each	\$	7.93
135	swingstage 4", 6" and 8" block (high-rise)			
	Selective Demolition of Brick Masonry Units withperimeter saw cutting -swingstage one,	SF	\$	28.41
136	two, and three wythe (high-rise)			20.11
	Selective Demolition of Brick Masonry Units with perimeter saw cutting -scaffolding one,	SF	\$	20.16
137	two and three wythe (low-rise)	J1'	Ψ	20.10
	Selective Demolition of Mortar Joint with Perimeter Sawcutting - Swingstage (high-			
138	rise)			
	Removal of existing mortar ( ½" wide by ¾" depth)	SF	\$	2.12
	Removal of existing mortar (¾" wide by ¾" depth)	SF	\$	2.30
141	Removal of existing mortar (½" wide by ½" depth)	SF	\$	2.52
	Removal of existing mortar (72 wide by 172 depth)  Removal of existing mortar (34" wide by 1½" depth)	SF	\$	3.21
112	Selective Demolition of Mortar Joint with Perimeter Sawcutting - Scaffolding (low-	31	Ψ	3.41
1/2	rise)			
143	riscj			

		1.	
Removal of existing mortar ( ½" wide by ¾" depth)	SF	\$	4.20
Removal of existing mortar (¾" wide by ¾" depth)	SF	\$	4.62
146 Removal of existing mortar (½" wide by 1½" depth)	SF	\$	6.65
147 Removal of existing mortar (¾" wide by 1½" depth)	SF	\$	7.72
148 New Pointing Work - Swingstage (high-rise)			
Furnish and install new mortar (½" wide by ¾" depth)	SF	\$	2.78
Furnish and install new mortar (¾" wide by ¾" depth)	SF	\$	2.89
151 Furnish and install new mortar (½" wide by 1 ½" depth)	SF	\$	2.46
152   Furnish and install new mortar (34" wide by 1 ½" depth)	SF	\$	3.57
153 New Pointing Work - Scaffolding (low-rise)			
154 Furnish and install new mortar (½" wide by ¾" depth)	SF	\$	6.72
155 Furnish and install new mortar (¾" wide by ¾" depth)	SF	\$	7.57
156 Furnish and install new mortar (½" wide by 1 ½" depth)	SF	\$	7.84
157 Furnish and install new mortar (¾" wide by 1 ½" depth)	SF	\$	8.98
158 Removal of Roof Parapets - Swingstage (high-rise)			
159 Removal of 3 wythe brick parapet wall (24" high)	SF	\$	42.38
160 Removal of 3 wythe brick parapet wall (42" high)	SF	\$	74.57
161 Removal of 2 wythe brick parapet wall (24" high)	SF	\$	35.50
162 Removal of 3 wythe brick parapet wall (42" high)	SF	\$	65.27
163 Removal of Roof Parapets - Scaffolding (low-rise)	Jr.	- P	03.27
164 Removal of 3 wythe brick parapet wall (24" high)	SF	\$	81.81
7 1 1 ( 0)	SF	\$	147.24
166 Removal of 2 wythe brick parapet wall (24" high)	SF	\$	68.71
167 Removal of 3 wythe brick parapet wall (42" high)	SF	\$	137.42
Reconstruction of Brick Masonry Roof Parapets - Swingstage (high-rise)			
New brick masonry parapet w/stone coping and flashings (3 wythe -24" high)	SF	\$	125.31
170 New brick masonry parapet w/stone coping and flashings (3 wythe -42" high)	SF	\$	158.27
New brick masonry parapet w/stone coping and flashings (2 wythe -24" high)	SF	\$	93.02
172 New brick masonry parapet w/stone coping and flashings (2 wythe -42" high)	SF	\$	115.80
173 Reconstruction of Brick Masonry Roof Parapets - Scaffolding (low-rise)			
174 New brick masonry parapet w/stone coping and flashings (3 wythe -24" high)	SF	\$	229.04
b) New brick masonry parapet w/stone coping and flashings (3 wythe -42" high)	SF	\$	310.85
176 c) New brick masonry parapet w/stone coping and flashings (2 wythe -24" high)	SF	\$	163.60
d) New brick masonry parapet w/stone coping and flashings (2 wythe -42" high)	SF	\$	239.44
178 New Throughwall Flashings - Swingstage (high-rise)			
179 Removal of 4 courses 1 wythe brick wall w/Temporary Shoring	SF	\$	44.10
180 Removal and replacement of steel lintel	SF	\$	22.25
181 Furnish and install new flashings (Bituthane)	SF	\$	6.95
182 Furnish and install new flashings (Lead coated copper)	SF	\$	12.52
183 Parging and waterproofing of back-up wall	SF	\$	9.73
184 New Throughwall Flashings - Scaffolding (low-rise)	51	<b>-</b>	3.78
185 Removal of 4 courses 1 wythe brick wall w/Temporary Shoring	SF	\$	35.52
186 Removal and replacement of steel lintel	SF	\$	41.71
187 Furnish and install new flashings (Bituthane)	SF	\$	
			11.14
8 ( 11 11 11 11 11 11 11 11 11 11 11 11 1	SF	\$	22.24
189 Parging and waterproofing of back-up wall	SF	\$	15.58
190 Brick Masonry/Stone Stabilization	27		
191 Drilling and installation of new friction pins with mortar cap	SF	\$	11.45
192 Drilling and installation of new friction pins for lime stone with mortar cap	SF	\$	11.45
193 Limestone Removal and Replacement.			
Removal of existing deteriorated architectural limestone	SF	\$	28.63
Furnish and install new limestone replacement.	SF	\$	82.57
Replacement of stone with lightweight polymer resin to match	SF	\$	16.61
Minor patching of existing stone to match	SF	\$	34.95
198 Terra Cotta Removal and Replacement.			
199 Removal of existing deteriorated architectural Terra Cotta	SF	\$	57.27
200 Furnish and install new Terra Cotta replacement.	SF	\$	183.24
201 Replacement of stone with lightweight polymer resin to match	SF	\$	66.41
202 Minor patching of existing stone to match	SF	\$	105.89
203 Roof Coping Stones.	3.	7	
204 Removal of existing roof coping stones (16 inches)	SF	\$	27.00
205 Removal and parging of existing substrate	SF	\$	4.45
206 Furnish and install new lead coated copper flashings	SF	\$	18.31
TA U	SF	\$	5.51
207 Drilling and epoxy grouting stainless steel pins	l Sr	l D	5.51

Parmish and install new coping stones				
209   Farnish and install new coping stones	208 Reinstallation of existing stones with cleaning	SF	\$	16.56
Purish and install new sealants between coping stones.	Furnish and install new coping stones	SF	\$	37.68
211   Counting and coating of existing stones.   SF   \$ 4.3	Furnish and install new sealants between coping stones.	SF	\$	5.80
MU Sackup Wall Repair and Waterproofing.		SF	\$	4.30
213   Replacement of Deteriorated CMU Back-up	212 CMU Backup Wall Repair and Waterproofing.			
241   Parging of CMU back-up wall	213 Replacement of Deteriorated CMU Back-up	SF	\$	12.98
1.9				3.26
216   Brick Masonry Piers				1.86
Solated repair of existing masoury piers (removal and replacement)			1	1.00
Reconstruction of isolated areas of pier		SF	\$	25.76
Construction of new masonry piers.   SF   \$   18.66	218 Reconstruction of isolated areas of pier			
220   Crack Repair	219 Construction of new masonry piers			
2222   Grouting of open cracks   SF   S   4.9	220 Crack Panair	- 51	Ψ	10.00
2223   Replacement of cracked bricks   SF   S   9.9	221 Drill and install navy stainless steel nins	Each	4	714
223   Replacement of racked bricks   SF   \$ 9.8	222 Crowing of open greates			
225   Perimeter sawcutting   SF   \$   1.0				
225   Perimeter sawcutting		SF	<u> </u>	9.82
Removal of existing concrete [2.7 depth].		O.D.		4.00
Removal of existing concrete   3.5" depth .   SF   S   6.1."				
New Concrete and Coating				4.81
Palecement of new high strength patching mortar (2" depth)		SF	\$	6.19
230   Placement of new high strength patching mortar (3.5" depth).   SF   \$ 19.2-2	The state of the s			
231   Cleaning and coating of concrete surface.	[			17.17
Sidewalk Bridging.   SF   \$   2.14				19.24
Temporary Roof Protection				5.50
Remove standard metal decking: 1-1/2" deep, 20 gauge, standard profile		SF	\$	21.46
Remove standard metal decking		SF	\$	1.75
Install metal decking: 1-1/2" deep, 20 gauge, standard profile				
Install metal decking: 1-1/2" deep, 20 gauge, standard profile	235 Remove standard metal decking	SF	\$	2.03
Install steel plate, two sizes   SF   \$ 3.2	236 Install metal decking; 1-1/2" deep, 20 gauge, standard profile	SF	\$	4.20
238   10 Gauge, standard application		SF	\$	3.21
Extra heavy-duty 1/4th inch		SF	\$	3.21
Remove metal counterflashing   LF   \$   1.8		SF	\$	1.74
241   Counterflashing, galvanized, 24 gauge, 6" width				1.89
242   Counterflashing, copper, 16 oz., 6" width   LF   \$ 2.4"   Remove metal edge, gravel stop, eave strip, or coping   LF   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$ 1.5"   \$				3.69
Remove metal edge, gravel stop, eave strip, or coping   LF   \$ 1.5	9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			2.49
Metal edge raised, galvanized steel fascia/eave drip; 6 "face, hemmed, continuous cleat, 3" deck flange   LF   \$ 5.2				1.57
244 3" deck flange				
245         Gravel stop, galvanized steel, 24 gauge, 6" face         LF         \$ 5.9           246         Remove metal gutter         LF         \$ 2.8           Gutter, galvanized steel, ASTM 526, with 12.5oz./squarefoot galvanized coating, 24 gauge, 5" box or ogee style, joints and end caps shall be soldered         LF         \$ 16.17           248         Gutter, aluminum, .050" thick 5" box or ogee, painted, Kynar finish         LF         \$ 21.3           249         Gutter, copper, 16 oz, half round, 5" wide         LF         \$ 8.7           250         Gutter, copper, 16 oz, half round, 6" wide         LF         \$ 10.2           251         Remove metal downspouts         LF         \$ 10.2           252         Downspouts, all minum, .024" thick, 3" x 4", painted, installed         LF         \$ 15.7           253         Downspouts, Gl, 24 gauge, 4" round         LF         \$ 13.2           254         Downspouts, Gl, 24 gauge, 4" round         LF         \$ 13.2           255 </td <td></td> <td>LF</td> <td>\$</td> <td>5.26</td>		LF	\$	5.26
LF   \$   2.80		LE	- t	F 07
Gutter, galvanized steel, ASTM 526, with 12.5oz./squarefoot galvanized coating, 24 gauge, 5" box or ogee style, joints and end caps shall be soldered  LF \$ 16.13  248 Gutter, aluminum, .050" thick 5" box or ogee, painted, Kynar finish  LF \$ 21.33  249 Gutter, copper, 16 oz, half round, 5" wide  LF \$ 8.7  250 Gutter, copper, 16 oz, half round, 6" wide  LF \$ 10.20  251 Remove metal downspouts  LF \$ 10.20  252 Downspouts, aluminum, .024" thick, 3" x 4", painted, installed  LF \$ 15.77  253 Downspouts, GI, 24 gauge 3" x 4" installed  LF \$ 20.44  Downspouts, GI, 24 gauge, 4" round  LF \$ 13.22  255 Downspouts, copper, 16 oz., 6" round  LF \$ 11.99  256 Downspouts, strainer  Each \$ 4.0  257 Metal flashing, apron flashing, 9" wide  LF \$ 3.6  258 Metal flashing, step flashing  Each \$ 6.66  259 Metal splash pan, 16 oz.  260 Metal trim, aluminum, .032" thick, painted  LF \$ 2.44  261 Metal storm collar  Each \$ 11.84  262 Metal coping, galvanized steel, 24 gauge, standing seam  SF \$ 12.77  263 Metal edge, aluminum, .050 thick 6" face painted  SF \$ 13.33  266 Metal edge, aluminum, .050 thick 6" face painted  SF \$ 18.55				
5" box or ogee style, joints and end caps shall be soldered  248 Gutter, aluminum, .050" thick 5" box or ogee, painted, Kynar finish  249 Gutter, copper, 16 oz, half round, 5" wide  250 Gutter, copper, 16 oz, half round, 6" wide  251 Remove metal downspouts  252 Downspouts, aluminum, .024" thick, 3" x 4", painted, installed  253 Downspouts, GI, 24 gauge 3" x 4" installed  254 Downspouts, GI, 24 gauge, 4" round  255 Downspouts, GI, 24 gauge, 4" round  256 Downspouts, copper, 16 oz., 6" round  257 Metal flashing, apron flashing, 9" wide  258 Metal flashing, step flashing  259 Metal splash pan, 16 oz.  260 Metal trim, aluminum, .032" thick, painted  261 Metal storm collar  262 Metal coping, galvanized steel, 24 gauge, standing seam  263 Metal coping, galvanized steel, 24 gauge, with butt plate  265 Metal edge, aluminum, .050 thick 6" face painted  266 Metal edge, aluminum, .050 thick 6" face painted  276 Splace of the solution of t	246 Remove metal gutter	LF		2.80
249         Gutter, copper, 16 oz, half round, 5" wide         LF         \$ 8.7           250         Gutter, copper, 16 oz, half round, 6" wide         LF         \$ 10.20           251         Remove metal downspouts         LF         \$ 2.3           252         Downspouts, aluminum, .024" thick, 3" x 4", painted, installed         LF         \$ 15.7°           253         Downspouts, GI, 24 gauge 3" x 4" installed         LF         \$ 20.46           254         Downspouts, GI, 24 gauge, 4" round         LF         \$ 13.2°           255         Downspouts, copper, 16 oz., 6" round         LF         \$ 11.9°           256         Downspouts, strainer         Each         \$ 4.0°           257         Metal flashing, apron flashing, 9" wide         LF         \$ 3.6           258         Metal flashing, step flashing         Each         \$ 6.6           259         Metal splash pan, 16 oz.         Each         \$ 6.6           259         Metal storm collar         Each         \$ 11.8°           260         Metal storm collar         Each         \$ 2.4           261         Metal coping, galvanized steel, 24 gauge, standing seam         SF         \$ 12.7°           263         Metal coping, galvanized steel, 24 gauge, with butt plate         SF </td <td>E" have or agges style, joints and end caps shall be soldered</td> <td>LF</td> <td>\$</td> <td>16.12</td>	E" have or agges style, joints and end caps shall be soldered	LF	\$	16.12
250         Gutter, copper, 16 oz, half round, 6" wide         LF         \$ 10.20           251         Remove metal downspouts         LF         \$ 2.3           252         Downspouts, aluminum, .024" thick, 3" x 4", painted, installed         LF         \$ 15.7°           253         Downspouts, GI, 24 gauge 3" x 4" installed         LF         \$ 20.40           254         Downspouts, GI, 24 gauge, 4" round         LF         \$ 13.2°           255         Downspouts, copper, 16 oz., 6" round         LF         \$ 11.9°           256         Downspouts, strainer         Each         \$ 4.0           257         Metal flashing, apron flashing, 9" wide         LF         \$ 3.6           258         Metal flashing, step flashing         Each         \$ 6.6           259         Metal splash pan, 16 oz.         Each         \$ 6.6           259         Metal storm collar         LF         \$ 2.4           260         Metal storm collar         Each         \$ 11.8°           261         Metal coping, galvanized steel, 24 gauge, standing seam         SF         \$ 12.7°           263         Metal coping, galvanized steel, 24 gauge, with butt plate         SF         \$ 12.7°           264         Resolder joints in sheet metal         LF         <	Gutter, aluminum, .050" thick 5" box or ogee, painted, Kynar finish	LF	\$	21.31
250         Gutter, copper, 16 oz, half round, 6" wide         LF         \$ 10.20           251         Remove metal downspouts         LF         \$ 2.3           252         Downspouts, aluminum, .024" thick, 3" x 4", painted, installed         LF         \$ 15.7°           253         Downspouts, GI, 24 gauge 3" x 4" installed         LF         \$ 20.40           254         Downspouts, GI, 24 gauge, 4" round         LF         \$ 13.2°           255         Downspouts, copper, 16 oz., 6" round         LF         \$ 11.9°           256         Downspouts, strainer         Each         \$ 4.0           257         Metal flashing, apron flashing, 9" wide         LF         \$ 3.6           258         Metal flashing, step flashing         Each         \$ 6.6           259         Metal splash pan, 16 oz.         Each         \$ 6.6           259         Metal storm collar         LF         \$ 2.4           260         Metal storm collar         Each         \$ 11.8°           261         Metal coping, galvanized steel, 24 gauge, standing seam         SF         \$ 12.7°           263         Metal coping, galvanized steel, 24 gauge, with butt plate         SF         \$ 12.7°           264         Resolder joints in sheet metal         LF         <			_	8.73
251       Remove metal downspouts       LF       \$ 2.3         252       Downspouts, aluminum, .024" thick, 3" x 4", painted, installed       LF       \$ 15.7         253       Downspouts, GI, 24 gauge 3" x 4" installed       LF       \$ 20.40         254       Downspouts, GI, 24 gauge, 4" round       LF       \$ 13.23         255       Downspouts, copper, 16 oz., 6" round       LF       \$ 11.93         256       Downspouts, strainer       Each       \$ 4.00         257       Metal flashing, apron flashing, 9" wide       LF       \$ 3.6         258       Metal flashing, step flashing       Each       \$ 6.6         259       Metal splash pan, 16 oz.       Each       \$ 6.6         259       Metal splash pan, 16 oz.       Each       \$ 11.84         260       Metal trim, aluminum, .032" thick, painted       LF       \$ 2.4         261       Metal storm collar       Each       \$ 12.24         262       Metal coping, galvanized steel, 24 gauge, standing seam       SF       \$ 12.73         263       Metal coping, galvanized steel, 24 gauge, with butt plate       SF       \$ 12.73         264       Resolder joints in sheet metal       LF       \$ 0.90         265       Metal edge, aluminum, 0.50 thick 6" fac				10.26
252         Downspouts, aluminum, .024" thick, 3" x 4", painted, installed         LF         \$         15.77           253         Downspouts, GI, 24 gauge 3" x 4" installed         LF         \$         20.44           254         Downspouts, GI, 24 gauge, 4" round         LF         \$         13.23           255         Downspouts, copper, 16 oz., 6" round         LF         \$         11.92           256         Downspouts, strainer         Each         \$         4.00           257         Metal flashing, apron flashing, 9" wide         LF         \$         3.6           258         Metal flashing, step flashing         Each         \$         6.6           259         Metal splash pan, 16 oz.         Each         \$         11.80           260         Metal strim, aluminum, .032" thick, painted         LF         \$         2.4           261         Metal storm collar         Each         \$         11.20           262         Metal coping, galvanized steel, 24 gauge, standing seam         SF         \$         12.73           263         Metal coping, galvanized steel, 24 gauge, with butt plate         SF         \$         12.73           264         Resolder joints in sheet metal         LF         \$         0.90     <				2.38
253       Downspouts, GI, 24 gauge 3" x 4" installed       LF       \$ 20.40         254       Downspouts, GI, 24 gauge, 4" round       LF       \$ 13.23         255       Downspouts, copper, 16 oz., 6" round       LF       \$ 11.93         256       Downspouts, strainer       Each       \$ 4.00         257       Metal flashing, apron flashing, 9" wide       LF       \$ 3.6         258       Metal flashing, step flashing       Each       \$ 6.6         259       Metal splash pan, 16 oz.       Each       \$ 6.6         259       Metal splash pan, 16 oz.       Each       \$ 11.84         260       Metal trim, aluminum, .032" thick, painted       LF       \$ 2.4         261       Metal storm collar       Each       \$ 21.24         262       Metal coping, galvanized steel, 24 gauge, standing seam       SF       \$ 12.73         263       Metal coping, galvanized steel, 24 gauge, with butt plate       SF       \$ 12.73         264       Resolder joints in sheet metal       LF       \$ 0.99         265       Metal edge, aluminum, 0.50 thick 6" face painted       SF       \$ 13.36         266       Metal edge, aluminum, free floating fascia system       SF       \$ 18.55	1 111 111 11 11 11			15.77
254         Downspouts, GI, 24 gauge, 4" round         LF         \$ 13.23           255         Downspouts, copper, 16 oz., 6" round         LF         \$ 11.93           256         Downspouts, strainer         Each         \$ 4.0           257         Metal flashing, apron flashing, 9" wide         LF         \$ 3.6           258         Metal flashing, step flashing         Each         \$ 6.6           259         Metal splash pan, 16 oz.         Each         \$ 11.84           260         Metal trim, aluminum, .032" thick, painted         LF         \$ 2.4           261         Metal storm collar         Each         \$ 21.24           262         Metal coping, galvanized steel, 24 gauge, standing seam         SF         \$ 12.73           263         Metal coping, galvanized steel, 24 gauge, with butt plate         SF         \$ 12.73           264         Resolder joints in sheet metal         LF         \$ 0.94           265         Metal edge, aluminum, 0.50 thick 6" face painted         SF         \$ 13.36           266         Metal edge, aluminum, free floating fascia system         SF         \$ 18.55				20.46
255         Downspouts, copper, 16 oz., 6" round         LF         \$ 11.90           256         Downspouts, strainer         Each         \$ 4.0           257         Metal flashing, apron flashing, 9" wide         LF         \$ 3.6           258         Metal flashing, step flashing         Each         \$ 6.6           259         Metal splash pan, 16 oz.         Each         \$ 11.84           260         Metal trim, aluminum, .032" thick, painted         LF         \$ 2.4           261         Metal storm collar         Each         \$ 21.24           262         Metal coping, galvanized steel, 24 gauge, standing seam         SF         \$ 12.73           263         Metal coping, galvanized steel, 24 gauge, with butt plate         SF         \$ 12.73           264         Resolder joints in sheet metal         LF         \$ 0.99           265         Metal edge, aluminum, 0.50 thick 6" face painted         SF         \$ 13.36           266         Metal edge, aluminum, free floating fascia system         SF         \$ 18.55	254 Downshouts GL 24 gauge 4" round			
256         Downspouts, strainer         Each         \$ 4.0           257         Metal flashing, apron flashing, 9" wide         LF         \$ 3.6           258         Metal flashing, step flashing         Each         \$ 6.6           259         Metal splash pan, 16 oz.         Each         \$ 11.8           260         Metal trim, aluminum, .032" thick, painted         LF         \$ 2.4           261         Metal storm collar         Each         \$ 21.2           262         Metal coping, galvanized steel, 24 gauge, standing seam         SF         \$ 12.7           263         Metal coping, galvanized steel, 24 gauge, with butt plate         SF         \$ 12.7           264         Resolder joints in sheet metal         LF         \$ 0.9           265         Metal edge, aluminum, 0.50 thick 6" face painted         SF         \$ 13.3           266         Metal edge, aluminum, free floating fascia system         SF         \$ 18.5	255 Downspouts conner 16 oz 6" round			
257Metal flashing, apron flashing, 9" wideLF\$3.6258Metal flashing, step flashingEach\$6.6259Metal splash pan, 16 oz.Each\$11.8260Metal trim, aluminum, .032" thick, paintedLF\$2.4261Metal storm collarEach\$21.2262Metal coping, galvanized steel, 24 gauge, standing seamSF\$12.73263Metal coping, galvanized steel, 24 gauge, with butt plateSF\$12.73264Resolder joints in sheet metalLF\$0.9265Metal edge, aluminum, 0.50 thick 6" face paintedSF\$13.33266Metal edge, aluminum, free floating fascia systemSF\$18.55	256 Downspouts strainer		_	4.02
258         Metal flashing, step flashing         Each         \$ 6.66           259         Metal splash pan, 16 oz.         Each         \$ 11.86           260         Metal trim, aluminum, .032" thick, painted         LF         \$ 2.4           261         Metal storm collar         Each         \$ 12.7           262         Metal coping, galvanized steel, 24 gauge, standing seam         SF         \$ 12.7           263         Metal coping, galvanized steel, 24 gauge, with butt plate         SF         \$ 12.7           264         Resolder joints in sheet metal         LF         \$ 0.9           265         Metal edge, aluminum, 0.50 thick 6" face painted         SF         \$ 13.36           266         Metal edge, aluminum, free floating fascia system         SF         \$ 18.55	257 Motal flashing appen flashing 0" wide			
259Metal splash pan, 16 oz.Each\$ 11.84260Metal trim, aluminum, .032" thick, paintedLF\$ 2.4261Metal storm collarEach\$ 21.24262Metal coping, galvanized steel, 24 gauge, standing seamSF\$ 12.73263Metal coping, galvanized steel, 24 gauge, with butt plateSF\$ 12.73264Resolder joints in sheet metalLF\$ 0.9265Metal edge, aluminum, 0.50 thick 6" face paintedSF\$ 13.36266Metal edge, aluminum, free floating fascia systemSF\$ 18.55	258 Motal flaching ston flaching			
260Metal trim, aluminum, .032" thick, paintedLF\$ 2.4261Metal storm collarEach\$ 21.24262Metal coping, galvanized steel, 24 gauge, standing seamSF\$ 12.73263Metal coping, galvanized steel, 24 gauge, with butt plateSF\$ 12.73264Resolder joints in sheet metalLF\$ 0.99265Metal edge, aluminum, 0.50 thick 6" face paintedSF\$ 13.36266Metal edge, aluminum, free floating fascia systemSF\$ 18.55	250 Metal missing, step masning			
261Metal storm collarEach\$ 21.24262Metal coping, galvanized steel, 24 gauge, standing seamSF\$ 12.73263Metal coping, galvanized steel, 24 gauge, with butt plateSF\$ 12.73264Resolder joints in sheet metalLF\$ 0.99265Metal edge, aluminum, 0.50 thick 6" face paintedSF\$ 13.36266Metal edge, aluminum, free floating fascia systemSF\$ 18.55	260 Motel tring aluminum 022" think a state of		_	
262Metal coping, galvanized steel, 24 gauge, standing seamSF\$ 12.73263Metal coping, galvanized steel, 24 gauge, with butt plateSF\$ 12.73264Resolder joints in sheet metalLF\$ 0.99265Metal edge, aluminum, 0.50 thick 6" face paintedSF\$ 13.38266Metal edge, aluminum, free floating fascia systemSF\$ 18.59				
263Metal coping, galvanized steel, 24 gauge, with butt plateSF\$ 12.73264Resolder joints in sheet metalLF\$ 0.99265Metal edge, aluminum, 0.50 thick 6" face paintedSF\$ 13.38266Metal edge, aluminum, free floating fascia systemSF\$ 18.59	111 111 11 1			
264Resolder joints in sheet metalLF\$ 0.9265Metal edge, aluminum, 0.50 thick 6" face paintedSF\$ 13.38266Metal edge, aluminum, free floating fascia systemSF\$ 18.55				
265Metal edge, aluminum, 0.50 thick 6" face paintedSF\$13.38266Metal edge, aluminum, free floating fascia systemSF\$18.59				12.73
266 Metal edge, aluminum, free floating fascia system SF \$ 18.55	111111111111111111111111111111111111111			0.99
				13.38
267   Parapet wall metal SF   \$ 11.4				18.55
	1	SF	\$	11.41
268   Metal edge, anodized finished aluminum, free floating fascia system 8 inches   SF   \$ 33.25	268 Metal edge, anodized finished aluminum, free floating fascia system 8 inches	SF	\$	33.25

System 8 inches				
Metal edge, anothered finished aluminum, free floating fascia system 6 inches   SF   \$   \$   \$   \$   \$   \$   \$   \$   \$	Metal edge, high performance fluorocarbon finished aluminum, free floating fascia	SF	\$	15.05
Setal edge, high performance fluorocarbon finished aluminum, free floating fascia   System 6 inches	jej etem e menee	SF	\$	13.38
		_	·	
273	271 system 6 inches	SF	\$	11.71
Variety				
Variety   Vari				6.96
276   Cladding of roof parapet walls with copings   SF   S   20.25			_	
277   New Exterior Insulation and Finish System (EIFS)   SF   \$   24.22	275 Furnish and install new insulated aluminum wall cladding panels (Architecture)			
New Exterior insulation and Finish System (EIFS)		SF	3	20.29
279   New Exterior Insulation Finish System (EIFS) w/o insulation   SF   \$   1.452	The in Enterior incumum and i mion of ocean (Enter)	CE	¢	24.20
Ser		_		
Surface Preparation				
Coating of existing reinforcement				
Sternor rated gypsum board sheathing and substrate		SF	\$	8.06
SE   S   2.30e   2.3		SF	\$	0.89
Base				2.49
Demolition of plywood or standard 1" x 6" decking		SF	\$	23.06
Demolition of standard 2" x6" tongue and groove decking				
Plywood decking, CDX, 1/2" thick (or 15/32" optional)			_	
Plywood decking, CDX, 5/8" thick				
Plywood decking, CDX, 3/4" thick	11) wood deciming con 1/2 diner (or 15/52 optional)			
Standard 1" x 6" decking, tongue and groove   SF   \$   1.31	J	_		
Standard 2" x 6" tongue and groove decking   SF   \$   1.95		_		
Cants, wood fiber, trapezoidal, 1 1/2" x 5 5/8"				
Cants, SBX treated wood, 4" x 4" diagonal   LF				
Nailer, SBX treated wood, 1" x 4"	295 Cants, SBX treated wood, 4" x 4" diagonal		_	
Nailer, SBX treated wood, 2" x 4"				0.93
Nailer, SBX treated wood				1.13
2" x 6"				
Subpurlins   Sub	299 2" x 6"	LF	\$	2.02
Size	300 2" x 8" optional	LF	\$	2.15
303   2" x 6"   LF   \$   2.61		LF	\$	2.50
304   2" x 8" optional   LF   \$   2.98	302 Joist, fir			
305   Joist, fir   306   2" x 10"				2.61
Section   Sect		LF	\$	2.98
2" x 12" optional   LF				
Standing Seam Metal Roof System (SSMRS) Price Each   309   Specification Using Line Items   SF   Pre-Engineered SSMRS, products (20-year roof)   SF   \$ 5.49   \$ 5.71   \$ 5.71   \$ 5.72   \$ 8.95   \$ 5.49   \$ 5.71   \$ 5.71   \$ 5.71   \$ 5.72   \$ 8.95   \$ \$ 5.49   \$ 5.71   \$ 8.95   \$ \$ \$ 5.49   \$ 5.71   \$ 8.95   \$ \$ \$ \$ 5.71   \$ 8.95   \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$				3.00
309   Specification Using Line Items		LF	\$	3.27
310   Pre-Engineered SSMRS, products (20-year roof)   SF   \$ 5.49				
311       Subpurlins       LF       \$ 5.73         312       Roof panel installation       SF       \$ 4.86         313       Field forming of panels       SF       \$ 2.14         314       Concealed anchor clips       Each       \$ 1.69         315       Vapor retarder installation       SF       \$ 0.77         316       Insulation installation       SF       \$ 2.49         317       Gutters (SSMRS only)       LF       \$ 18.42         318       Gutter liners       SF       \$ 4.26         319       Flashing       LF       \$ 8.93         320       Expansion joints       LF       \$ 21.63         321       Finishing touches (no additional cost in contract)       LF       \$ 1.13         322       Snow retention assemblies       LF       \$ 1.13         Self-adhering ice and water shield membrane for shingles, tiles, metal waterways, penetrations, valleys, ridges, edges, etc.       LF       \$ 2.34         323       Remove roof hatch       Each       \$ 88.36	- 1 · 1 · 1 · 1 · 1 · 1 · 1 · 1 · 1 · 1	SE	\$	5.49
312       Roof panel installation       SF       \$ 4.86         313       Field forming of panels       SF       \$ 2.14         314       Concealed anchor clips       Each       \$ 1.69         315       Vapor retarder installation       SF       \$ 0.77         316       Insulation installation       SF       \$ 2.49         317       Gutters (SSMRS only)       LF       \$ 18.42         318       Gutter liners       SF       \$ 4.26         319       Flashing       LF       \$ 8.93         320       Expansion joints       LF       \$ 21.63         321       Finishing touches (no additional cost in contract)       LF       \$ 1.13         322       Snow retention assemblies       LF       \$ 1.13         Self-adhering ice and water shield membrane for shingles, tiles, metal waterways, penetrations, valleys, ridges, edges, etc.       LF       \$ 2.34         324       Roof Specialties and Accessories       Each       \$ 88.36         325       Remove roof hatch       Each       \$ 88.36				
313       Field forming of panels       SF       \$ 2.14         314       Concealed anchor clips       Each       \$ 1.69         315       Vapor retarder installation       SF       \$ 0.77         316       Insulation installation       SF       \$ 2.49         317       Gutters (SSMRS only)       LF       \$ 18.42         318       Gutter liners       SF       \$ 4.26         319       Flashing       LF       \$ 8.93         320       Expansion joints       LF       \$ 21.63         321       Finishing touches (no additional cost in contract)       LF       \$ 1.13         322       Snow retention assemblies       LF       \$ 1.13         Self-adhering ice and water shield membrane for shingles, tiles, metal waterways, penetrations, valleys, ridges, edges, etc.       \$ 2.34         324       Roof Specialties and Accessories       LF       \$ 88.36         325       Remove roof hatch       Each       \$ 88.36				4.86
314 Concealed anchor clips       Each       \$ 1.69         315 Vapor retarder installation       SF       \$ 0.77         316 Insulation installation       SF       \$ 2.49         317 Gutters (SSMRS only)       LF       \$ 18.42         318 Gutter liners       SF       \$ 4.28         319 Flashing       LF       \$ 8.93         320 Expansion joints       LF       \$ 21.63         321 Finishing touches (no additional cost in contract)       LF       \$ 1.13         322 Snow retention assemblies       LF       \$ 1.13         Self-adhering ice and water shield membrane for shingles, tiles, metal waterways, penetrations, valleys, ridges, edges, etc.       LF       \$ 2.34         324 Roof Specialties and Accessories       Each       \$ 88.36				2.14
315       Vapor retarder installation       SF       \$ 0.77         316       Insulation installation       SF       \$ 2.49         317       Gutters (SSMRS only)       LF       \$ 18.42         318       Gutter liners       SF       \$ 4.26         319       Flashing       LF       \$ 8.93         320       Expansion joints       LF       \$ 21.63         321       Finishing touches (no additional cost in contract)       LF       \$ 1.13         322       Snow retention assemblies       LF       \$ 1.13         Self-adhering ice and water shield membrane for shingles, tiles, metal waterways, penetrations, valleys, ridges, edges, etc.       LF       \$ 2.34         324       Roof Specialties and Accessories       Each       \$ 88.36         325       Remove roof hatch       Each       \$ 88.36				1.69
316 Insulation installation       SF       \$ 2.49         317 Gutters (SSMRS only)       LF       \$ 18.42         318 Gutter liners       SF       \$ 4.26         319 Flashing       LF       \$ 8.93         320 Expansion joints       LF       \$ 21.63         321 Finishing touches (no additional cost in contract)       LF       \$ 1.13         322 Snow retention assemblies       LF       \$ 1.13         Self-adhering ice and water shield membrane for shingles, tiles, metal waterways, penetrations, valleys, ridges, edges, etc.       LF       \$ 2.34         324 Roof Specialties and Accessories       Each       \$ 88.36				0.77
317 Gutters (SSMRS only)         LF         \$ 18.42           318 Gutter liners         SF         \$ 4.28           319 Flashing         LF         \$ 8.93           320 Expansion joints         LF         \$ 21.63           321 Finishing touches (no additional cost in contract)         LF         \$ 1.13           322 Snow retention assemblies         LF         \$ 1.13           Self-adhering ice and water shield membrane for shingles, tiles, metal waterways, penetrations, valleys, ridges, edges, etc.         LF         \$ 2.34           324 Roof Specialties and Accessories         Each         \$ 88.36	316 Insulation installation	_		2.49
319FlashingLF\$ 8.93320Expansion jointsLF\$ 21.63321Finishing touches (no additional cost in contract)LF\$ 1.13322Snow retention assembliesLF\$ 1.13Self-adhering ice and water shield membrane for shingles, tiles, metal waterways, penetrations, valleys, ridges, edges, etc.LF\$ 2.34324Roof Specialties and AccessoriesEach\$ 88.36	317 Gutters (SSMRS only)			18.42
320   Expansion joints   LF   \$   21.63     321   Finishing touches (no additional cost in contract)             322   Snow retention assemblies   LF   \$   1.13     Self-adhering ice and water shield membrane for shingles, tiles, metal waterways, penetrations, valleys, ridges, edges, etc.   LF   \$   2.34     323   Romove roof hatch   Each   \$   88.36     Self-adhering ice and water shield membrane for shingles, tiles, metal waterways, penetrations, valleys, ridges, edges, etc.   LF   \$   2.34     Self-adhering ice and water shield membrane for shingles, tiles, metal waterways, penetrations, valleys, ridges, edges, etc.   Self-adhering ice and sater shield membrane for shingles, tiles, metal waterways, penetrations, valleys, ridges, edges, etc.   Self-adhering ice and sater shield membrane for shingles, tiles, metal waterways, penetrations, valleys, ridges, edges, etc.   Self-adhering ice and water shield membrane for shingles, tiles, metal waterways, penetrations, valleys, ridges, edges, etc.   Self-adhering ice and water shield membrane for shingles, tiles, metal waterways, penetrations, valleys, ridges, edges, etc.   Self-adhering ice and water shield membrane for shingles, tiles, metal waterways, penetrations, valleys, ridges, edges, etc.   Self-adhering ice and water shield membrane for shingles, tiles, metal waterways, penetrations, valleys, ridges, edges, etc.   Self-adhering ice and water shield membrane for shingles, tiles, metal waterways, penetrations, valleys, ridges, edges, etc.   Self-adhering ice and water shield membrane for shingles, tiles, metal waterways, penetrations, valleys, ridges, edges, etc.   Self-adhering ice and water shield membrane for shingles, tiles, metal waterways, penetrations, valleys, ridges, edges, etc.   Self-adhering ice and water shield membrane for shingles, tiles, metal waterways, penetrations, valleys, ridges, edges, etc.   Self-adhering ice and shield membrane for shingles, ridges, edges, etc.   Self-adhering ice and shield membrane for shield membrane for shield me	318 Gutter liners	SF	\$	4.28
321   Finishing touches (no additional cost in contract)   322   Snow retention assemblies   LF   \$ 1.13	319 Flashing			8.93
322Snow retention assembliesLF\$1.13Self-adhering ice and water shield membrane for shingles, tiles, metal waterways, penetrations, valleys, ridges, edges, etc.LF\$2.34324Roof Specialties and AccessoriesEach\$88.36		LF	\$	21.63
Self-adhering ice and water shield membrane for shingles, tiles, metal waterways, penetrations, valleys, ridges, edges, etc.  Roof Specialties and Accessories  Remove roof hatch  LF  \$ 2.34	Finishing touches (no additional cost in contract)			
323penetrations, valleys, ridges, edges, etc.LF\$ 2.32324Roof Specialties and Accessories\$325Remove roof hatchEach\$ 88.36		LF	\$	1.13
323   penetrations, valleys, ridges, edges, etc.   324   Roof Specialties and Accessories   325   Remove roof hatch   Each   \$88.36		LF	\$	2.34
325 Remove roof hatch Each \$ 88.36				
		Do ala	d.	00.24
TO TROUGHALLIF ALUHHIMIN A DIX SIVILIA DI TEACH I TA SI				
				27.27
, , ,				276.64
	329 Install new roof 4" drain, except plumbing	Each	\$	1,226.90
270 17 . 11 . (40.1 )	379 Unstall new root 4" drain except plumbing	ı Each	1.5	1,226.90

330	Install new roof 6" drain, except plumbing	Each	\$	1,226.90
331	Reflash existing roof drain	Each	\$	170.15
332	Plumbing stack, 4# lead flashing	Each	\$	74.80
			<u> </u>	
333	Scupper, sheet steel, 24 gauge ASTM A 526, match existing configuration	Each	\$	134.03
334		SF	\$	0.27
335	Walkway, built-up roofs, desert tan fiberglass	LF	\$	0.40
336	Walkway, built up roofs, non skid	LF	\$	2.23
337	Walkway, single ply roof			
	30" wide roll goods, tape attached	LF	\$	1.63
339	30" wide roll, hot asphalt attached	LF	\$	1.89
	30" wide roll, adhestive attached	LF	\$	1.92
341	Roof ventilators	Each	\$	87.30
342	Roof ladder, steel, bolted to concrete, up to 20 feet, without cage	LF	\$	53.72
	Roof ladder, steel, bolted to concrete, 20 feet and up, with cage; with intermediate			
343	landings as required by Code	LF	\$	65.65
	Roof ladder, security ladder guard	Each	\$	70.10
345		LF	\$	2.77
	Pitch pocket, 24 gauge, GI, 6" x 6", with storm collar hemmed to outside, soldered corners	В.		2.,,
346	and seams	Each	\$	116.23
310	Pitch pocket, 24 gauge, GI, 8" x 8", with storm collar, hemmed to outside, soldered corners		+	
347	and seams	Each	\$	127.14
	Pitch pocket, resurface top only			
	8 "x 8"	Eagle	¢	4.24
	12" x 12"	Each	\$	4.24
		Each	\$	5.13
351	Expansion joint, butyl or neoprene bellows, galvanized flange	LF	\$	19.04
352	Expansion joint, CSPE reinforced	LF	\$	14.70
353	Repair kit for dry repairs	Each	\$	22.31
	Repair kit for wet repairs	Each	\$	22.31
355	Skylights (price each size and lens combination)			
	Standard 3' x 5', 4' x 4', 4' x 8' with single clear lenses	SF	\$	14.11
357	Standard 3' x 5', 4' x 4', 4' x 8' with clear double lenses	SF	\$	24.95
	Skylight lense replacement only, clear	SF	\$	3.34
	Skylight lense replacement only, double clear	SF	\$	3.34
	Security/fall bars for skylights			
361	3' x 5'	Each	\$	75.86
	4' x 4'	Each	\$	75.86
363	4' x 8'	Each	\$	169.58
364	Special sizes	SF	\$	12.59
365	Roof Services			
366	Asbestos core testing and patch of existing roof surface	Each	\$	55.01
367	Core analysis, 14" x 14" and patch of existing roof surface	Each	\$	239.87
368	Non destructive roof scan, up to 50,000 sq ft, full service each	Each	\$	2,210.14
369	Additional foot over 50,000 sq ft	SF	\$	0.02
370	Non destructive roof scan, up to 50,000 sq ft, limited service	Each	\$	1,605.43
371	Additional foot over 50,000 sq ft	SF	\$	0.02
	Roof inspection services (visual inspection of roofing service/membrane, flashings,	-	<u> </u>	
	counterflashings, copings, parapets, trims, hatches, penetrations, curbs, roof-mounted	Day	\$	765.43
372	equipment, etc. with a written report of findings and recommendations	,		
373	Field/shop drawings, up to 10,000 sq ft	SF	\$	0.02
374	Field/shop drawings, 10,000-50,000 sq ft	SF	\$	0.02
375	Field/shop drawings, 10,000 30,000 sq ft	SF	\$	0.02
			\$	500.00
	Prime contractor's warranty restoration less than 10 000 per so ft, minimum charge	Per Project		
376	Prime contractor's warranty, restoration, less than 10,000 per sq ft, minimum charge	Per Project		
	Prime contractor's warranty, restoration, over 10,000 sq ft, minimum charge	SF	\$	0.05
376 377	Prime contractor's warranty, restoration, over 10,000 sq ft, minimum charge Prime contractor's warranty, re-roof, total system, 10 year, less than 10,000 sq ft,			
376	Prime contractor's warranty, restoration, over 10,000 sq ft, minimum charge Prime contractor's warranty, re-roof, total system, 10 year, less than 10,000 sq ft, minimum charge (Standard)	SF	\$	0.05
376 377 378	Prime contractor's warranty, restoration, over 10,000 sq ft, minimum charge  Prime contractor's warranty, re-roof, total system, 10 year, less than 10,000 sq ft, minimum charge (Standard)  Prime contractor's warranty, re-roof, total system, 10 year, less than 10,000 sq ft,	SF	\$	0.05
376 377 378 379	Prime contractor's warranty, restoration, over 10,000 sq ft, minimum charge  Prime contractor's warranty, re-roof, total system, 10 year, less than 10,000 sq ft, minimum charge (Standard)  Prime contractor's warranty, re-roof, total system, 10 year, less than 10,000 sq ft, minimum charge (includes 2, 5, 7, 10, 15 year inspections)	SF Per Project Per Project	\$ \$ \$	0.05 1,000.00 1,500.00
376 377 378 379 380	Prime contractor's warranty, restoration, over 10,000 sq ft, minimum charge  Prime contractor's warranty, re-roof, total system, 10 year, less than 10,000 sq ft, minimum charge (Standard)  Prime contractor's warranty, re-roof, total system, 10 year, less than 10,000 sq ft, minimum charge (includes 2, 5, 7, 10, 15 year inspections)  10 year Restoration Warranty Under 10,000 Square Feet, Inspections in Years 2 & 5	SF Per Project Per Project EA	\$ \$ \$	0.05 1,000.00 1,500.00 2,000.00
376 377 378 379	Prime contractor's warranty, restoration, over 10,000 sq ft, minimum charge Prime contractor's warranty, re-roof, total system, 10 year, less than 10,000 sq ft, minimum charge (Standard) Prime contractor's warranty, re-roof, total system, 10 year, less than 10,000 sq ft, minimum charge (includes 2, 5, 7, 10, 15 year inspections)  10 year Restoration Warranty Under 10,000 Square Feet, Inspections in Years 2 & 5  10 year Restoration Warranty Over 10,000 Square Feet, Inspections in Years 2 & 5	SF Per Project Per Project	\$ \$ \$	0.05 1,000.00 1,500.00
376 377 378 379 380 381	Prime contractor's warranty, restoration, over 10,000 sq ft, minimum charge  Prime contractor's warranty, re-roof, total system, 10 year, less than 10,000 sq ft, minimum charge (Standard)  Prime contractor's warranty, re-roof, total system, 10 year, less than 10,000 sq ft, minimum charge (includes 2, 5, 7, 10, 15 year inspections)  10 year Restoration Warranty Under 10,000 Square Feet, Inspections in Years 2 & 5  10 year Restoration Warranty Over 10,000 Square Feet, Inspections in Years 2 & 5  Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft,	SF Per Project Per Project EA EA	\$ \$ \$ \$ \$	0.05 1,000.00 1,500.00 2,000.00
376 377 378 379 380	Prime contractor's warranty, restoration, over 10,000 sq ft, minimum charge  Prime contractor's warranty, re-roof, total system, 10 year, less than 10,000 sq ft, minimum charge (Standard)  Prime contractor's warranty, re-roof, total system, 10 year, less than 10,000 sq ft, minimum charge (includes 2, 5, 7, 10, 15 year inspections)  10 year Restoration Warranty Under 10,000 Square Feet, Inspections in Years 2 & 5  10 year Restoration Warranty Over 10,000 Square Feet, Inspections in Years 2 & 5  Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft, minimum charge (Standard)	SF Per Project Per Project EA	\$ \$ \$	0.05 1,000.00 1,500.00 2,000.00 0.20
376 377 378 379 380 381	Prime contractor's warranty, restoration, over 10,000 sq ft, minimum charge  Prime contractor's warranty, re-roof, total system, 10 year, less than 10,000 sq ft, minimum charge (Standard)  Prime contractor's warranty, re-roof, total system, 10 year, less than 10,000 sq ft, minimum charge (includes 2, 5, 7, 10, 15 year inspections)  10 year Restoration Warranty Under 10,000 Square Feet, Inspections in Years 2 & 5  10 year Restoration Warranty Over 10,000 Square Feet, Inspections in Years 2 & 5  Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft,	SF Per Project Per Project EA EA	\$ \$ \$ \$ \$	0.05 1,000.00 1,500.00 2,000.00 0.20

384	Per diem rate per worker per 24 hour period of time	Per Day	\$	54.22
385	Prime contractors per diem/costs for asbestos abatement planning	Day	\$	27.60
386	Asbestos abatement activities, BUR removal and disposal of waste	SF	\$	1.56
	Project site is located 65 or more miles from the contractor's/subcontractor's yard/home			
387	location	SF	\$	0.79
388		Dave	\$	225.25
	Asbestos site monitoring	Day	\$	335.35
389	Annual or semi-annual roof housekeeping-per location			
	Cost once a year per location if less than 20,000 sq. ft.	SF	\$	0.07
391	Cost per Sq.ft. per year per location if greater than 20,000 sq.ft.	SF	\$	0.07
392	Cost semi-annual per location if less than 20,000sq. ft	SF	\$	0.14
	Cost per Sq.ft. semi annual per location if greater than 20,000 sq.ft.	SF	\$	0.14
394	Roof leak investigation	Day	\$	402.34
205	Notified investigation			
	Minor roof repair calls	Day	\$	843.75
396	Difficult access or fall restriction; surcharge	Each		15.00%
	Excessive hauling	Each	\$	86.94
398	Work in secured areas or compounds; surcharge	Each		15.00%
399	Additional and occasional supplies, materials, equipment and services			
400	Additional and occasional services Roofing supplies Discount off Retail Price List	% of Discount		13.40%
100		70 OI DISCOUIIL		13.4070
404	HVAC: Alternative Methods of Costing -percent of overhead/markup and profit added to	% of O/P		20.00%
401	cost			
	HVAC: Discounts Offered Off Alternative CostingMethods (cost plus profit and overhead)	% of discount		6.00%
402	Less Rate of Discount	% of discoulit		0.00%
403	HVAC: Multiplier/factor to be applied to the R.S. Means costs.	% to be applied		89%
404	Cold and bad weather storage - identify extra cost, if any	Day	\$	0.01
405		Бау	φ	0.01
	Deducts and add-ons for in lieu products			
406	Polyurethane foam roofing, first inch (Deduct Line 106)	SF	\$	(0.12)
407	Additional polyurethane foam, per inch (Deduct Line 107)	SF	\$	(0.30)
408	Acrylic/elastomeric, UL listed, Class A, 15 DFT	SF	\$	1.94
	Cementitious rock coating (add)	SF	\$	2.67
	Add acrylic plus rock (add)	SF		2.53
			\$	
411	Shingles, fiberglass, Class A, 25-year strip shingles (add)	SF	\$	(0.07)
412	Install one layer 15lb felt (add)	SF	\$	0.33
	Single ply repairs using 2 coat polyurethane, elastomeric coating system (Deduct Line	CD	_	(0.12)
413	123)	SF	\$	(0.12)
	Single ply repairs at laps or defects using 2 coats elastomeric coating system with			
414	reinforcement (Deduct Line 124)	SF	\$	(0.18)
415	Value Add			
	Route existing cracks in concrete or masonry	LF	\$	0.81
417	Prepare concrete by Shot blasting	SF	\$	0.24
418	Vertical application of water dispersed VOC compliant silane sealer	SF	\$	0.48
419	Horizontal application of water dispersed VOC compliant silane sealer	SF	\$	0.57
420	Roof Cleaning System	SF	\$	0.42
120		31 <sup>-</sup>	Ψ	0.42
404	Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39, applied Type IV (or			
421	appropriate) asphalt			
	Cold applications: adhere insulation to primed deck or sub-insulation with a cold	SF	d d	1 22
422	adhesive at a rate of 1.5 gallons per 100 square feet.	35	\$	1.23
	Installation of new Polyisocyanurate insulation			
423	THIStallation of new Polytsocyanurate insulation			1.45
		BE	\$	1 21.5
424	Mechanically attached	BF	\$	1.45
424 425	Mechanically attached Hot adhered	BF	\$	1.27
424 425 426	Mechanically attached Hot adhered Cold adhered	BF BF	\$	1.27 1.94
424 425 426 427	Mechanically attached Hot adhered Cold adhered Ridge Vents	BF BF LF	\$ \$ \$	1.27
424 425 426 427	Mechanically attached Hot adhered Cold adhered Ridge Vents	BF BF	\$	1.27 1.94
424 425 426 427	Mechanically attached Hot adhered Cold adhered Ridge Vents Synthetic Underlayment	BF BF LF SF	\$ \$ \$	1.27 1.94 6.16 0.50
424 425 426 427 428	Mechanically attached Hot adhered Cold adhered Ridge Vents Synthetic Underlayment Shingles, Fiberglass, Class A 40-Year Premium Laminated Multilayered Shingles, Slope	BF BF LF	\$ \$ \$	1.27 1.94 6.16
424 425 426 427	Mechanically attached Hot adhered Cold adhered Ridge Vents Synthetic Underlayment Shingles, Fiberglass, Class A 40-Year Premium Laminated Multilayered Shingles, Slope 3:12 or Greater	BF BF LF SF	\$ \$ \$	1.27 1.94 6.16 0.50
424 425 426 427 428	Mechanically attached Hot adhered Cold adhered Ridge Vents Synthetic Underlayment Shingles, Fiberglass, Class A 40-Year Premium Laminated Multilayered Shingles, Slope 3:12 or Greater Shingles, Fiberglass, Class A 50-Year Premium Laminated Multilayered Shingles, Slope	BF BF LF SF	\$ \$ \$ \$	1.27 1.94 6.16 0.50 2.31
424 425 426 427 428 429	Mechanically attached Hot adhered Cold adhered Ridge Vents Synthetic Underlayment Shingles, Fiberglass, Class A 40-Year Premium Laminated Multilayered Shingles, Slope 3:12 or Greater Shingles, Fiberglass, Class A 50-Year Premium Laminated Multilayered Shingles, Slope 3:12 or Greater	BF BF LF SF SF	\$ \$ \$ \$	1.27 1.94 6.16 0.50 2.31
424 425 426 427 428 429 430 431	Mechanically attached Hot adhered Cold adhered Ridge Vents Synthetic Underlayment Shingles, Fiberglass, Class A 40-Year Premium Laminated Multilayered Shingles, Slope 3:12 or Greater Shingles, Fiberglass, Class A 50-Year Premium Laminated Multilayered Shingles, Slope 3:12 or Greater Install layer of 30 lb. Felt	BF BF LF SF SF	\$ \$ \$ \$	1.27 1.94 6.16 0.50 2.31
424 425 426 427 428 429 430 431	Mechanically attached Hot adhered Cold adhered Ridge Vents Synthetic Underlayment Shingles, Fiberglass, Class A 40-Year Premium Laminated Multilayered Shingles, Slope 3:12 or Greater Shingles, Fiberglass, Class A 50-Year Premium Laminated Multilayered Shingles, Slope 3:12 or Greater	BF BF LF SF SF	\$ \$ \$ \$	1.27 1.94 6.16 0.50 2.31
424 425 426 427 428 429 430 431 432	Mechanically attached Hot adhered Cold adhered Ridge Vents Synthetic Underlayment Shingles, Fiberglass, Class A 40-Year Premium Laminated Multilayered Shingles, Slope 3:12 or Greater Shingles, Fiberglass, Class A 50-Year Premium Laminated Multilayered Shingles, Slope 3:12 or Greater Install layer of 30 lb. Felt TPO 60 mil system installation	BF BF LF SF SF SF	\$ \$ \$ \$ \$	1.27 1.94 6.16 0.50 2.31 2.74
424 425 426 427 428 429 430 431 432 433	Mechanically attached Hot adhered Cold adhered Ridge Vents Synthetic Underlayment Shingles, Fiberglass, Class A 40-Year Premium Laminated Multilayered Shingles, Slope 3:12 or Greater Shingles, Fiberglass, Class A 50-Year Premium Laminated Multilayered Shingles, Slope 3:12 or Greater Install layer of 30 lb. Felt TPO 60 mil system installation Bonding adhesive	BF BF LF SF SF SF SF	\$ \$ \$ \$ \$ \$	1.27 1.94 6.16 0.50 2.31 2.74 0.39
424 425 426 427 428 429 430 431 432 433 434	Mechanically attached Hot adhered Cold adhered Ridge Vents Synthetic Underlayment Shingles, Fiberglass, Class A 40-Year Premium Laminated Multilayered Shingles, Slope 3:12 or Greater Shingles, Fiberglass, Class A 50-Year Premium Laminated Multilayered Shingles, Slope 3:12 or Greater Install layer of 30 lb. Felt TPO 60 mil system installation Bonding adhesive Mechanically attached	BF BF LF SF SF SF SF SF SF	\$ \$ \$ \$ \$ \$ \$	1.27 1.94 6.16 0.50 2.31 2.74 0.39
424 425 426 427 428 429 430 431 432 433 434 435	Mechanically attached Hot adhered Cold adhered Ridge Vents Synthetic Underlayment Shingles, Fiberglass, Class A 40-Year Premium Laminated Multilayered Shingles, Slope 3:12 or Greater Shingles, Fiberglass, Class A 50-Year Premium Laminated Multilayered Shingles, Slope 3:12 or Greater Install layer of 30 lb. Felt TPO 60 mil system installation Bonding adhesive Mechanically attached Wet Vacuum loose aggregate from roof membrane	BF BF LF SF SF SF SF SF SF SF SF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1.27 1.94 6.16 0.50 2.31 2.74 0.39 4.46 3.75 0.57
424 425 426 427 428 429 430 431 432 433 434 435 436	Mechanically attached Hot adhered Cold adhered Ridge Vents Synthetic Underlayment Shingles, Fiberglass, Class A 40-Year Premium Laminated Multilayered Shingles, Slope 3:12 or Greater Shingles, Fiberglass, Class A 50-Year Premium Laminated Multilayered Shingles, Slope 3:12 or Greater Install layer of 30 lb. Felt TPO 60 mil system installation Bonding adhesive Mechanically attached Wet Vacuum loose aggregate from roof membrane Sweep loose aggregate, debris from Substrate	BF BF LF SF SF SF SF SF SF SF SF SF	\$ \$ \$ \$ \$ \$ \$ \$ \$	1.27 1.94 6.16 0.50 2.31 2.74 0.39 4.46 3.75 0.57
424 425 426 427 428 429 430 431 432 433 434 435	Mechanically attached Hot adhered Cold adhered Ridge Vents Synthetic Underlayment Shingles, Fiberglass, Class A 40-Year Premium Laminated Multilayered Shingles, Slope 3:12 or Greater Shingles, Fiberglass, Class A 50-Year Premium Laminated Multilayered Shingles, Slope 3:12 or Greater Install layer of 30 lb. Felt TPO 60 mil system installation Bonding adhesive Mechanically attached Wet Vacuum loose aggregate from roof membrane Sweep loose aggregate, debris from Substrate Prime Substrate	BF BF LF SF SF SF SF SF SF SF SF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1.27 1.94 6.16 0.50 2.31 2.74 0.39 4.46 3.75 0.57 0.44
424 425 426 427 428 429 430 431 432 433 434 435	Mechanically attached Hot adhered Cold adhered Ridge Vents Synthetic Underlayment Shingles, Fiberglass, Class A 40-Year Premium Laminated Multilayered Shingles, Slope 3:12 or Greater Shingles, Fiberglass, Class A 50-Year Premium Laminated Multilayered Shingles, Slope 3:12 or Greater Install layer of 30 lb. Felt TPO 60 mil system installation Bonding adhesive Mechanically attached Wet Vacuum loose aggregate from roof membrane Sweep loose aggregate, debris from Substrate Prime Substrate	BF BF LF SF SF SF SF SF SF SF SF SF	\$ \$ \$ \$ \$ \$ \$ \$ \$	1.27 1.94 6.16 0.50 2.31 2.74 0.39 4.46 3.75 0.57

439	Disaster Response Repairs	%		20.00%
440	Built Up Roof Surface w/ Cold Process White Highly Reflective Adhesive and White Marble Gravel	SF	\$	6.00
	Two component, high performance, one part moisture triggered, polyurethane coating	SF	\$	12.26
441	system with reinforcement			
442	Two part, bio-based, polyurethane roof coating system	SF	\$	9.67
443	Two part, bio-based, polyurethane roof coating system, non-reinforced	SF	\$	8.47
444	Two-part UV Resistant, Polyurethane Modified Methyl Methacrylate Roof Coating System	SF	\$	11.01
445	Metal Restoration with Acrylic Coating	SF	\$	7.06
446	Metal Restoration with Aluminum Coating	SF	\$	3.83
447	Brick, Remove and install new standard brick	EA	\$	31.11
448	Structural Analysis/engineering services	Per Hour	\$	105.00
449	Multiplication factor for roofs Greater Than 10,000 And Under 20,000 Square Feet	%		15%
450	Multiplication factor for roofs Greater Than 5,000 And Under 7,000 Square Feet	%		20%
451	Multiplication factor for roofs Greater Than 3,000 And Under 5,000 Square Feet	%		25%
452	Multiplier for roofs less than 1,000 square feet	%		30%
	Emergency Leak Repair per 1/2 Man Day	EA	\$	982.79
	10 year Restoration Warranty Under 10,000 Square Feet, Standard	EA	\$	800.00
455	10 year Restoration Warranty Over 10,000 Square Feet, Standard	EA	\$	0.08
456	12 Year Restoration Warranty Under 10,000 Square Feet, Standard	EA	\$	1,000.00
457	12 Year Restoration Warranty Over 10,000 Square Feet, Standard	SF	\$	0.10
458	12 Year Restoration Warranty Under 10,000 Square Feet, Inspections In Years 2, 5 & 10	EA	\$	2,400.00
459	12 Year Restoration Warranty Over 10,000 Square Feet Inspections In Years 2, 5 & 10	SF	\$	0.24
460	15 year Restoration Warranty Under 10,000 Square Feet, Inspections in Years 2, 5, 10 &15	EA	\$	3,000.00
	15 year Restoration Warranty Over 10,000 Square Feet, Inspections in Years 2, 5, 10 &15	SF	\$	0.30
461				
462	Warranty 15 year option roofs under 10,000 sq ft minimum charge (Standard)	EA	\$	1,200.00
463	Warranty 15 year option roofs under 10,000 Square Feet Inspections In Years 2, 5 & 10	EA	\$	1,500.00
464	Warranty 15 year option roofs over 10,000 sq ft minimum charge (Standard)	SF	\$	0.12
465	Warranty 15 year option roofs over 10,000 sq ft with inspections year 2, 5 & 10	SF	\$	0.15
466	20 Restoration Warranty Under 10,000 Square Feet Inspections In Years 2, 5, 10 & 15	EA	\$	4,000.00
467	20 Restoration Warranty Over 10,000 Square Feet Inspections In Years 2, 5, 10 & 15	SF	\$	0.40
468	20 Year Replacement Warranty Under 10,000 Square Feet Inspections In Years 2, 5, 10 & 15	EA	\$	2,000.00
	20 Year Replacement Warranty Over 10,000 Square Feet Inspections In Years 2, 5, 10 &	SF	\$	0.20
469	15		+	
470	20 year Replacement Warranty Under 10,000 Square Feet, Inspections in years 2, 5, 10, and 15, no maintenance	EA	\$	1,600.00
471	20 year Replacement Warranty Over 10,000 Square Feet, Inspections in years 2, 5, 10, and 15, no maintenance	SF	\$	0.16
	30 year Replacement Warranty Under 10,000 Square Feet, Inspections in Years 2, 5, 10,	EA	\$	6,000.00
472	15, 20, 25 & 30 30 Restoration Warranty Under 10,000 Square Feet Inspections In Years 2, 5, 10, 15, 20	EA	\$	6,000.00
473	& 25 30 year Replacement Warranty Over 10,000 Square Feet, Inspections in Years 2, 5, 10, 15,			
474	20, 25 & 30  30 Restoration Warranty Over 10,000 Square Feet Inspections In Years 2, 5, 10, 15, 20 &	SF	\$	0.60
475	25	SF	\$	0.60
	Warranty Extension 5 yr 5,000 sf or less	EA	\$	3,499.99
	Warranty Renewal 5 yr 5,000 sf or less	EA	\$	3,949.99
	Warranty Extension 5 yr 5,001 sf -19,999 sf	EA	\$	4,999.99
	Warranty Renewal 5 yr 5,001 sf-19,999 sf	EA	\$	5,699.99
480	Warranty Extension 5 yr 20,000 sf-49,999 sf	SF	\$	0.24
481	Warranty Renewal 5 yr 20,000 sf-49,999 sf	SF	\$	0.29
482	Warranty Extension 5 yr 50,000 sf and greater	SF	\$	0.24
483	Warranty Renewal 5 yr 50,000 sf and greater	SF SE	\$	0.24
484	Warranty Extension 5 yr 100,000 sf and greater	SF	\$	0.14
485	Warranty Renewal 5 yr 100,000 sf and greater	SF	\$	0.19

Roof Coating - high solids, waterbased, heavy bodied elastomeric coating formulated with an acrylic latex polymer \$\\$\$	4.61
Roof Coating - high solids, waterbased, heavy hodied elastomeric coating formulated with	
487 an acrylic latex polymer w/polyester reinforcing	5.13
488 AIR BARRIER LINE ITEMS	
489 Foam Roof/Wall Intersection - Under 20' LF \$	
490 Foam Roof/Wall Intersection - Over 20' LF \$	
491 Seal roof top exhaust fan curb mountings Each \$	
492 Adding foam board as a filler in large openings, ie: above soffits LF \$	29.08
493 Interior miscellaneous foam application - Under 20' LF \$	
494 Weatherstrip and install sweep - single commercial door 1 Set \$	327.18
495     Weatherstrip and install sweep - double commercial door     1 Set     \$       496     Seal Mechanical Rooms (With wall / roof pine projections)     1     \$	
pour recomment recome (trust want recorpies projections)	605.88
497Seal individual plumbing, pipe or ductEA\$498Seal Windows (exterior only, sub-k must provide estimate)LF\$	
Weatherstrip operable wood or aluminum windows with replacement fine all pile or	
499 foam tape or vinyl "V" strips	5.15
500 Weatherstrip steel frame and sash windows with in-situ silicone gasket. 2 trips required LF \$	11.75
501 Interior caulking of window and door frames with clear paintable caulk LF \$	2.67
502 Miscellaneous Interior caulking with clear paintable caulk LF \$	
Weatherstrip Overhead Garage Doors (12' x12') 48' LF w/rubber fins on bottom. Install face mounted leafe seal product to the bottom face of the door as the thresholds on doors  Unit  \$	1,163.28
503 (concrete)	0.604.04
504 Blower Door Testing Day \$	9,694.04
Thermography inspection performed during final test and thermography inspection.  [505] (Based on 60,000 sq ft. elementary school)  Day	4,847.02
506 Blower Door Directed Air Sealing - Supervision Only Day \$	
507 Building Envelope Assessment Day \$	
508 Mileage rate Per Mile \$	
509 Performance and payment bond - bonding rate (percent of project) %	0.40%
510   Bonding capacity - total amount of capacity available   Dollar Amount   \$	200,000,000.00
Multiplier/factor to be applied to the R.S. Means costs for the National Cooperative Contractor Network  Multiplier/factor to be applied to the R.S. Means costs for the National Cooperative % To Be Applied	92%
512 Multiplier - roof height is greater than 2 stories; equal to or less than 5 stories Multiplier	1.21
513 Multiplier - roof height is greater than 5 stories; less equal to or less than 10 stories Multiplier	1.52
514   Multiplier - roof height is greater than 10 stories   Multiplier	2.17
515 Multiplier - roof has large amount of penetrations and roof top obstructions  Multiplier - roof is considered non-standard architecture or has > 4:12 slope  Multiplier	1.73
516     Multiplier - roof is considered non-standard architecture or has > 4:12 slope     Multiplier       517     Multiplier - roof is less than 3,000 Square Feet But Greater Than 1,000 Square feet     Multiplier	2.17 3.03
Multiplier - roof size is greater than 7,000 Square Feet But Less Than 10,000 Square Feet Multiplier  Multiplier - Given the specific of the second transfer of	1.73
Multiplier- City, town or county permit fee for construction project local to members  519 location.  Multiplier	1.02
520 Multiplier- Working in Metro or Urban areas Multiplier	1.20
521 Construction Distributor Material For Repair Work Multiplier	1.15
522 Building/Construction Superintendent Per Hour \$	
523 Building/Construction Manager Per Hour \$	
524 DUE TO LEGISLATION CHANGES IN CALIFORNIA THE RATES ARE AS FOLLOWS FOR THE FOLLOWING LINES	ES:
Roof inspection services (visual inspection of roofing service/membrane, flashings,	
counterflashings, copings, parapets, trims, hatches, penetrations, curbs, roof-mounted  Day  \$ 1.525	893.36
525 equipment, etc. with a written report of findings and recommendations	460.75
526Roof leak investigationDay\$527Minor roof repair callsDay\$	
528 Labor Rate for Roofer	
528 Labor Rate for Roofer     Per Hour       529 Building / Construction Inspector     Per Hour	140 / 31
529 Building / Construction Inspector Per Hour \$	
529Building / Construction InspectorPer Hour\$530Roof InspectorPer Hour\$	173.00
529Building / Construction InspectorPer Hour\$530Roof InspectorPer Hour\$	173.00 71.40
529Building / Construction InspectorPer Hour\$530Roof InspectorPer Hour\$531ConsultingPer Hour\$532DesignPer Hour\$533InstallerPer Hour\$	173.00 71.40 105.91 164.92
529Building / Construction InspectorPer Hour\$530Roof InspectorPer Hour\$531ConsultingPer Hour\$532DesignPer Hour\$533InstallerPer Hour\$534TradesmanPer Hour\$	173.00 71.40 105.91 164.92 164.92
529Building / Construction InspectorPer Hour\$530Roof InspectorPer Hour\$531ConsultingPer Hour\$532DesignPer Hour\$533InstallerPer Hour\$534TradesmanPer Hour\$535Engineering, ElectricalPer Hour\$	173.00 71.40 105.91 164.92 164.92 99.96
529Building / Construction InspectorPer Hour\$530Roof InspectorPer Hour\$531ConsultingPer Hour\$532DesignPer Hour\$533InstallerPer Hour\$534TradesmanPer Hour\$	173.00 71.40 105.91 164.92 164.92 99.96 99.96

538	General Laborer	Per Hour	l ¢	145.13
			φ	
539	Training	Per Hour	\$	130.61
	DESCRIPTION OF COST FACTORS FROM TABLE F-2			
540	Per diem rate - meals and lodging per 24 hour period	Per Day	\$	154.70
541	Performance and payment bond - bonding rate (percent of project)	Percent		0.40%
542	Alternative methods of costing - percent of overhead/markup to cost	Percent		20.00%
	Discounts offered of alternative costing methods (cost + profit & overhead) Rate of	ъ.		
543	discount.	Percent		6.00%
544	R.S. Means Multiplier/Factor - Normal Hours - Non-Prevailing Wage Rates	Percent		89.00%
	R.S. Means Multiplier/Factor - Out Side of Normal Hours - Non-Prevailing Wage Rates	Percent		
545	K.S. Means multiplier/ractor - Out side of Normal Hours - Non-Frevailing wage Kates	reiteiit		94.00%
546	R.S. Means Multiplier/Factor - Normal Hours - Prevailing Wage Rates	Percent		92.00%
547	R.S. Means Multiplier/Factor - Out Side of Normal Hours - Prevailing Wage Rates	Percent		97.00%
548	Performance and payment bond - bonding rate (percent of project)	Percent		0.40%



## CALIFORNIA PREVAILING WAGE / DAVIS-BACON WAGE 1.25 MULTIPLIER

2 Pressure cleaning, vertical walls 3 Pressure cleaning, horizontal surfaces 4 Roof scanning to identify wet or substandard room components to be removed 5 P\$ 0.018 5 Asphalt emulsion coating, waterproofing, brush applied, per coat 5 P\$ 0.010 6 Rubberraced coating waterproofing, brush applied, per coat 7 Vinyl/acrylic resin, dampproofing, brush applied per coat 8 P\$ 0.018 7 Vinyl/acrylic resin, dampproofing, brush applied per coat 9 P\$ 0.018 8 Non-pigmented synthetic resin, waterproofing, one coat sprayed on 9 Caulking, eposied urethane compound, 2 Component, 1/4" x 1/4", in place 9 Caulking, eposied urethane compound, 2 Component, 1/4" x 1/4", in place 1 LF \$ 0.08 11 Caulking, polyurethane, 1 component, 1/4" x 1/4", in place 1 LF \$ 1.26 12 Caulking, polyurethane, 1 component, 1/4" x 1/4", in place 1 LF \$ 1.26 13 Caulking, eposied urethane compound, 2 Component, 1/4" x 1/4", in place 1 LF \$ 1.26 14 Caulking, eposied urethane compound, 2 Component, 1/4" x 1/4", in place 1 LF \$ 1.26 13 Caulking, epolyurethane, 1 component, 1/4" x 1/4", in place 1 LF \$ 1.27 14 Caulking, eposied urethane compound, 2 Component, 1/4" x 1/4", in place 1 LF \$ 1.26 14 Caulking, epolyurethane, 1 component, 1/4" x 1/4", in place 1 LF \$ 1.27 15 Caulking, silicone rubber, 1 component, 1/4" x 1/4", in place 1 LF \$ 1.23 15 Caulking, silicone rubber, 1 component, 3/4" x 3/8", in place 1 LF \$ 1.23 16 Caulking, silicone rubber, 1 component, 3/4" x 3/8", in place 1 LF \$ 1.23 16 Eacker rod, polyethylene, 3/8" diameter, installed in prepared opening 1 LF \$ 0.24 16 Eacker rod, polyethylene, 1/2" diameter, installed in prepared opening 1 LF \$ 0.24 17 Eacker rod, polyethylene, 3/4" diameter, installed in prepared opening 1 LF \$ 0.41 18 Backer rod, polyethylene, 1/2" diameter, installed in prepared opening 1 LF \$ 0.41 18 Backer rod, polyethylene, 3/4" calked prepared opening 1 LF \$ 0.41 19 Backer rod, polyethylene, 3/4" diameter, installed in prepared opening 1 LF \$ 0.41 19 Backer rod, polyethylene, 3/4" diameter, installed in prepared opening 1 LF \$ 0	No.	Description	Unit of Measure	CA PREVAILING WAGE
3 Pressure cleaning to identify we or substandard room components to be removed   SF   \$ 0.01	1	Water Resistant Roofing		
4 Noof scanning to identify wet or substandard room components to be removed  5				
5 Asphalt emulsion coating waterproofing, brush applied, per coat 6 Rubberized coating waterproofing, brush applied, per coat 7 Vinyl/acrylic resin, dampproofing, brush applied per coat 8 Non-pigmented synthetic resin, waterproofing, one coat sprayed on 9 Caulking, remove existing, dean and prime joint 10 Caulking, epoxied urethane compound, 2 component, 1/4" x1/4", in place 11 Caulking, polyurethane, 1 component, 1/4" x1/4", in place 12 Caulking, polyurethane, 1 component, 1/4" x1/4", in place 13 Caulking, golvated urethane compound, 2 component, 1/4" x1/4", in place 14 Caulking, golvated urethane compound, 2 component, 1/4" x1/4", in place 15 Caulking, golvated urethane compound, 2 component, 1/4" x1/4", in place 16 Caulking, golvated urethane compound, 2 component, 1/4" x1/4", in place 17 Caulking, gliconer ubber, 1 component, 1/4" x1/4", in place 18 Caulking, gliconer ubber, 1 component, 1/4" x1/4", in place 19 Caulking, gliconer ubber, 1 component, 3/4" x3/8", in place 19 Caulking, gliconer ubber, 1 component, 3/4" x3/8", in place 19 Caulking, gliconer ubber, 1 component, 3/4" x3/8", in place 10 Caulking, opoxied urethane compound, 2 component, 1/4" x1/4", in place 10 Caulking, opoxied urethane compound, 2 component, 1/4" x1/4", in place 10 Caulking, opoxied urethane compound, 2 component, 1/4" x1/4", in place 11 Caulking, opoxied urethane compound, 2 component, 1/4" x1/4", in place 12 Caulking, peoxied urethane compound, 2 component, 1/4" x1/4", in place 13 Caulking, peoxied urethane compound, 2 component, 1/4" x1/4", in place 14 Caulking, opoxied urethane compound, 2 component, 1/4" x1/4", in place 15 Caulking, peoxied urethane compound, 2 component, 1/4" x1/4", in place 16 Caulking, opoxied, 1/4" x1/4" in place 17 Caulking, peoxied, 1/4" diameter, installed in prepared opening 18 Caulking, peoxied, 1/4" diameter, installed in prepared opening 19 Caulking, paper, asphalt felt sheathing paper, 1 ply, 15-8, in place 19 Caulking, paper, asphalt felt sheathing paper, 1 ply, 15-8, in place 19 Caulking, paper,		5		
6 Rubberized coating waterproofing, brush applied, per coat 7 Vinyl/acrylic resin, dampproofing, brush applied, per coat 8 Non-pigmented synthetic resin, waterproofing, one coat sprayed on 9 Caulking, envoice existing, dean and prime joint 1 Caulking, polyurethane, 1 component, 1/4" x 1/4", in place 1 LF 1 Caulking, polyurethane, 1 component, 1/4" x 1/4", in place 1 LF 1 Caulking, polyurethane, 1 component, 1/4" x 1/4", in place 1 LF 1 Caulking, polyurethane, 1 component, 1/4" x 1/4", in place 1 LF 1 Caulking, polyurethane, 1 component, 1/4" x 1/4", in place 1 LF 1 Caulking, eposied urethane compound, 2 component, 1/4" x 1/4", in place 1 LF 1 Caulking, eposied urethane compound, 2 component, 1/4" x 1/4", in place 1 LF 1 Caulking, eposied urethane compound, 2 component, 1/4" x 1/4", in place 1 LF 1 Caulking, eposied urethane compound, 2 component, 1/4" x 1/4", in place 1 LF 1 Caulking, eposied urethane compound, 2 component, 1/4" x 1/4", in place 1 LF 1 Caulking, silicone rubber, 1 component, 3/4" x 3/8", in place 1 LF 1 Caulking, silicone rubber, 1 component, 3/4" x 3/8", in place 1 LF 1 Sacker rod, polyethylene, 3/4" diameter, installed in prepared opening 1 LF 1 Sacker rod, polyethylene, 1/2" diameter, installed in prepared opening 1 LF 2 Sacker rod, polyethylene, 1/4" diameter, installed in prepared opening 1 LF 2 Sulliding paper, asphalt felt sheathing paper, 1 ply, 15#, in place 2 Sulliding paper, asphalt felt sheathing paper, 1 ply, 15#, in place 2 Sulliding paper, asphalt felt sheathing paper, 1 ply, 40#, in place 2 Vapor retarder adhered, 2 ply inorganic, glass Type 15, applied in Type IV (or appropriate type) asphalt, in place 2 Vapor retarder adhered, 2 ply inorganic, glass Type 15, applied in Type IV (or appropriate type) asphalt, in place 2 Vapor retarder adhered, 2 ply inorganic, glass, Type IV, applied in Cybe IV asphalt (or appropriate type) asphalt, in place 3 Spropriate type) asphalt, in place 4 Vapor retarder adhered, 2 ply inorganic, glass, Type IV, applied in Gybe IV asphalt (or appropriate				
7 Vinyl/acrylic resin, dampproofing, brush applied per coat. 8 Non-pigmented synthetic resin, waterproofing, one coat sprayed on SF \$ 0.16 9 Caulking, remove existing, clean and prime joint LF \$ 1.08 10 Caulking, epoxied urethane compound, 2 component, 1/4" x1/4", in place LF \$ 0.98 11 Caulking, polyurethane, 1 component, 1/4" x1/4", in place LF \$ 1.26 12 Caulking, polyurethane, 1 component, 1/4" x1/4", in place LF \$ 1.26 13 Caulking, silicone rubber, 1 component, 1/4" x1/4", in place LF \$ 1.23 13 Caulking, silicone rubber, 1 component, 1/4" x1/4", in place LF \$ 1.23 14 Caulking, epoxied urethane compound, 2 component, 1/4" x1/4", in place LF \$ 1.24 15 Caulking, epoxied urethane compound, 2 component, 1/4" x1/4", in place LF \$ 1.73 16 Caulking, epoxied urethane compound, 2 component, 1/4" x1/4", in place LF \$ 1.73 16 Caulking, epoxied urethane compound, 2 component, 1/4" x1/4", in place LF \$ 1.73 16 Caulking, epoxied urethane compound, 2 component, 1/4" x1/4", in place LF \$ 1.23 16 Backer rod, polyethylene, 3/8" diameter, installed in prepared opening LF \$ 0.24 17 Backer rod, polyethylene, 3/8" diameter, installed in prepared opening LF \$ 0.39 18 Backer rod, polyethylene, 3/4" diameter, installed in prepared opening LF \$ 0.41 19 Backer rod, polyethylene, 3/4" diameter, installed in prepared opening LF \$ 0.41 20 Building paper, asphalt felt sheathing paper, 1 ply, 15%, in place SF \$ 0.23 21 Building paper, asphalt felt sheathing paper, 1 ply, 15%, in place SF \$ 0.23 22 Building paper, red rosin paper, 5 square rolls, 4#, in place SF \$ 0.23 23 appropriate type) asphalt, in place 24 type), in place SF \$ 0.24 25 glass-mat embedded, water resistant gypsum core panel mechanically fastened 26 LF 1.40 27 Demolition of Toof insulation, per inch of depth SF \$ 0.40 28 Demolition of Toof insulation, per inch of depth SF \$ 0.40 29 thick, R-6.6, applied Type IV (or appropriate) asphalt 20 hord-deck insulation, flor-poarurate in 4" x 4" or 4" x 8" sheets with fiberglass facers, 1" SF \$ 0.34 20 hick, R-10.0, applied Type IV (o	5	Asphalt emulsion coating, waterproofing, brush applied, per coat		
8 Non-pigmented synthetic resin, waterproofing, one coat sprayed on 9 Caulking, remove existing, clean and prime joint of Caulking, proport existing, clean and prime joint of Caulking, peopsed urethane compound, 2 component, 1/4" x 1/4", in place 1 Caulking, polyurethane, 1 component, 1/4" x 1/4", in place 1 Caulking, polyurethane, 1 component, 1/4" x 1/4", in place 1 Caulking, splicone rubber, 1 component, 1/4" x 1/4", in place 1 Caulking, silicone rubber, 1 component, 1/4" x 1/4", in place 1 Caulking, silicone rubber, 1 component, 1/4" x 1/4", in place 1 Caulking, silicone rubber, 1 component, 1/4" x 1/4", in place 1 Caulking, silicone rubber, 1 component, 3/4" x 3/8", in place 1 Caulking, silicone rubber, 1 component, 3/4" x 3/8", in place 1 Caulking, silicone rubber, 1 component, 3/4" x 3/8", in place 1 Caulking, silicone rubber, 1 component, 3/4" x 3/8", in place 1 Caulking, silicone rubber, 1 component, 3/4" x 3/8", in place 1 Caulking, silicone rubber, 1 component, 3/4" x 3/8", in place 1 Caulking, silicone rubber, 1 component, 3/4" x 3/8", in place 1 Caulking, silicone rubber, 1 component, 3/4" x 3/8", in place 1 Caulking, silicone rubber, 1 component, 3/4" x 3/8", in place 1 Caulking, silicone rubber, 1 component, 3/4" x 3/8", in place 2 Caulking, silicone rubber, 1 component, 3/4" x 3/8", in place 3 Caulking, silicone rubber, 1 component, 3/4" x 3/8", in place 3 Caulking, silicone rubber, 1 component, 3/4" silicone sil			SF	\$ 0.18
Caulking: remove existing, clean and prime joint   LiF   \$   1.08				
10   Caulking, epoxied urethane compound, 2 component, 1/4" x 1/4", in place	8	Non-pigmented synthetic resin, waterproofing, one coat sprayed on	SF	\$ 0.16
11   Caulking, polyurethane, 1 component, 1/4" x 1/4", in place	9	Caulking: remove existing, clean and prime joint	LF	\$ 1.08
12   Caulking, polyurethane, 1 component, 1/2" x1/2", in place	10	Caulking, epoxied urethane compound, 2 component, 1/4" x 1/4", in place	LF	\$ 0.98
13   Caulking, silicone rubber, 1 component, 1/4" x 1/4", in place	11	Caulking, polyurethane, 1 component, 1/4" x 1/4", in place	LF	\$ 1.26
13   Caulking, silicone rubber, 1 component, 1/4" x 1/4", in place	12	Caulking, polyurethane, 1 component, 1/2" x 1/2", in place	LF	\$ 1.23
14   Caulking, epoxied urethane compound, 2 component, 1/4" x 1/4", in place   LF   \$ 1.73     15   Caulking, silicone rubber, 1 component, 3/4" x 3/8", in place   LF   \$ 1.23     16   Backer rod, polyethylene, 3/8" diameter, installed in prepared opening   LF   \$ 0.24     17   Backer rod, polyethylene, 3/4" diameter, installed in prepared opening   LF   \$ 0.39     18   Backer rod, polyethylene, 3/4" diameter, installed in prepared opening   LF   \$ 0.49     19   Backer rod, polyethylene, 3/4" diameter, installed in prepared opening   LF   \$ 0.49     10   Backer rod, polyethylene, 3/4" diameter, installed in prepared opening   LF   \$ 0.49     10   Building paper, asphalt felt sheathing paper, 1 ply, 15#, in place   SF   \$ 0.23     12   Building paper, asphalt felt sheathing paper, 1 ply, 40#, in place   SF   \$ 0.23     13   Building paper, red rosin paper, 5 square rolls, 4#, in place   SF   \$ 0.11     14   Vapor retarder adhered, 2 ply inorganic, glass Type 15, applied in Type IV (or appropriate type) asphalt, in place   SF   \$ 0.25     14   Vapor retarder, 2 ply organic, Type 15 pound, applied in Type IV asphalt (or appropriate type) asphalt, in place   SF   \$ 0.24     15   Vapor retarder; 2-ply inorganic, glass, Type IV, applied in cold adhesive to 4'x 8' x 1/4"   SF   \$ 0.60     16   Vapor retarder; 2-ply inorganic, glass, Type IV, applied in cold adhesive to 4'x 8' x 1/4"   SF   \$ 0.60     16   Vapor retarder; 2-ply inorganic glass, Type IV, applied in cold adhesive to 4'x 8' x 1/4"   SF   \$ 0.45     17   Demolition of lightweight cementitious fills, per inch of depth   SF   \$ 0.45     18   Demolition of Iightweight cementitious fills, per inch of depth   SF   \$ 0.48     18   Roof deck insulation, Isocyanurate in 4'x 4' or 4'x 8' sheets with fiberglass facers, 1 1/2"   thick, R-6.6, applied Type IV (or appropriate) asphalt   SF   \$ 0.38     18   Roof deck insulation, Isocyanurate in 4'x 4' or 4'x 8' sheets with fiberglass facers, 1 1/2"   SF   \$ 0.38     19   Roof deck insulation, fiberboard in 4'x 4' she	13		LF	
15   Caulking, silicone rubber, 1 component, 3/4" x 3/8", in place	14		LF	\$ 1.73
16   Backer rod, polyethylene, 3/8" diameter, installed in prepared opening	15		LF	•
Backer rod, polyethylene, 1/2" diameter, installed in prepared opening	16			
18   Backer rod., polyethylene, 3/4" diameter, installed in prepared opening   LF   S   0.41     19   Backer rod., polyethylene, 1" diameter, installed in prepared opening   LF   S   0.49     20   Building paper, asphalt felt sheathing paper, 1 ply, 15#, in place   SF   S   0.23     21   Building paper, asphalt felt sheathing paper, 1 ply, 40#, in place   SF   S   0.11     22   Building paper, red rosin paper, 5 square rolls, 4#, in place   SF   S   0.13     23   Vapor retarder adhered, 2 ply inorganic, glass Type 15, applied in Type IV (or appropriate type) asphalt, in place   SF   S   0.13     23   appropriate type) asphalt, in place   SF   S   0.25     24   type), in place   SF   S   0.24     25   glass-mat embedded, water resistant gypsum core panel mechanically fastened   SF   S   0.60     26   Insulation   SF   S   0.45     27   Demolition of roof insulation, per inch of depth   SF   S   0.45     28   Demolition of lightweight cementitious fills, per inch of depth   SF   S   0.34     Roof deck insulation, Isocyanurate in 4" x 4" or 4" x 8" sheets with fiberglass facers, 1"   SF   S   0.48     Roof deck insulation, Isocyanurate in 4" x 4" or 4" x 8" sheets with fiberglass facers, 1 1/2"   SF   S   0.31     Roof deck insulation, Isocyanurate in 4" x 4" or 4" x 8" sheets, 1" thick, R-6.6, mechanically fastened   SF   S   0.38     Roof deck insulation, Isocyanurate in 4" x 4" or 4" x 8" sheets, 1" thick, R-6.6, mechanically fastened   SF   S   0.38     Roof deck insulation, Biberboard in 4" x 4" or 4" x 8" sheets, 1" thick, R-6.6, mechanically fastened   SF   S   0.35     Roof deck insulation, Biberboard in 4" x 4" or 4" x 8" sheets, 1" thick, R-2.4, installed hot/cold or mechanically fastened   SF   S   0.35     Roof deck insulation, Biberboard in 4" x 4" sheets, 1/2" thick, R-2.4, installed hot/cold or mechanically attached coated six sides   SF   S   0.35     Roof deck insulation, Biberboard in 4" x 4" sheets, 1/2" thick, R-1.39, mechanically astened, coated six sides   SF   S   0.35     Roof deck insula	17			
19   Backer rod., polyethylene, 1" diameter, installed in prepared opening   LF   \$ 0.49				
Building paper, asphalt felt sheathing paper, 1 ply, 15#, in place				
Building paper, asphalt felt sheathing paper, 1 ply, 40#, in place   SF   \$ 0.11				
SE   Second Se				
Vapor retarder adhered, 2 ply inorganic, glass Type 15, applied in Type IV (or appropriate type) asphalt, in place Vapor retarder, 2 ply organic, Type 15 pound, applied in Type IV asphalt (or appropriate type), in place Vapor retarder, 2 -ply inorganic, glass, Type IV, applied in cold adhesive to 4' x 8' x 1/4" glass-mat embedded, water resistant gypsum core panel mechanically fastened  27				
23 appropriate type) asphalt, in place  Vapor retarder, 2 ply organic, Type 15 pound, applied in Type IV asphalt (or appropriate type), in place  Vapor retarder, 2 ply inorganic, glass, Type IV, applied in cold adhesive to 4' x 8' x 1/4"  25 glass-mat embedded, water resistant gypsum core panel mechanically fastened  26 Insulation  27 Demolition of roof insulation, per inch of depth  28 Demolition of lightweight cementitious fills, per inch of depth  29 Emolition of lightweight cementitious fills, per inch of depth  29 Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets with fiberglass facers, 1"  30 SF \$ 0.48  Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets with fiberglass facers, 1 1/2"  31 thick, R-10.0, applied Type IV (or appropriate) asphalt  32 Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets, 1" thick, R-6.6, mechanically fastened  33 Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets, 1" thick, R-6.6, mechanically fastened  34 Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets with fiberglass facers, 1 1/2"  35 thick, R-10.0, mechanically fastened  36 Roof deck insulation, fiberboard in 4' x 4' or 4' x 8' sheets with fiberglass facers, 1 1/2"  37 thick, R-10.0, mechanically fastened  38 Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39, applied Type IV (or appropriate) asphalt  39 Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, applied Type IV asphalt (or appropriate) asphalt, coated six sides  30 Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, mechanically fastened, coated six sides  30 Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, mechanically fastened, coated six sides  31 Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, mechanically fastened, coated six sides  32 Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, mechanically fastened, coated six sides  33 Roof deck insulation, lightweight cellular wire reinforced concrete fill, R-value d				
Vapor retarder, 2 ply organic, Type 15 pound, applied in Type IV asphalt (or appropriate type), in place  Vapor retarder; 2-ply inorganic, glass, Type IV, applied in cold adhesive to 4' x 8' x 1/4"  SF \$ 0.60  26 Insulation  Demolition of roof insulation, per inch of depth  SF \$ 0.45  28 Demolition of lightweight cementitious fills, per inch of depth  Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets with fiberglass facers, 1"  SF \$ 0.48  Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets with fiberglass facers, 1 1/2"  thick, R-10.0, applied Type IV (or appropriate) asphalt  Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets, 1" thick, R-6.6, mechanically fastened  Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets with fiberglass facers, 1 1/2"  thick, R-10.0, applied Type IV (or appropriate) asphalt  Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets, 1" thick, R-6.6, mechanically fastened  Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets with fiberglass facers, 1 1/2"  thick, R-10.0, mechanically fastened  Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39, applied Type IV (or appropriate) asphalt  Roof deck insulation, fiberboard in 4' x 8' sheets, 25/32" thick, R-2.4, installed hot/cold or mechanically attached coated six sides  Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39, mechanically  fastened, coated six sides  Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39, mechanically  fastened, coated six sides  Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39, mechanically  fastened, coated six sides  Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, mechanically fastened, coated  SF \$ 0.50  Roof deck insulation, lightweight cellular wire reinforced concrete fill, R-value depending  Roof deck insulation, lightweight cellular wire reinforced concrete fill, R-value depending	23		SF	\$ 0.25
type), in place  Vapor retarder; 2-ply inorganic, glass, Type IV, applied in cold adhesive to 4' x 8' x 1/4"  SF \$ 0.60  Insulation  Demolition of roof insulation, per inch of depth  SF \$ 0.45  Demolition of lightweight cementitious fills, per inch of depth  SF \$ 0.45  Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets with fiberglass facers, 1"  SF \$ 0.48  Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets with fiberglass facers, 1 1/2"  Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets with fiberglass facers, 1 1/2"  Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets, 1" thick, R-6.6, mechanically fastened  Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets, 1" thick, R-6.6, mechanically fastened  Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets with fiberglass facers, 1 1/2"  SF \$ 0.38  Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets, 1" thick, R-6.6, mechanically fastened  Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets with fiberglass facers, 1 1/2"  SF \$ 0.81  Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets with fiberglass facers, 1 1/2"  SF \$ 0.81  Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets, 1' thick, R-1.39, applied Type IV (or appropriate) asphalt  Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39, applied Type IV (or appropriate) asphalt  Roof deck insulation, fiberboard in 4' x 4' sheets, 25/32" thick, R-2.4, installed hot/cold or mechanically attached coated six sides  Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, applied Type IV asphalt (or appropriate asphalt), coated six sides  Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, mechanically fastened, coated six sides  Roof deck insulation, lightweight cellular wire reinforced concrete fill, R-value depending  SF \$ 0.55				
Vapor retarder; 2-ply inorganic, glass, Type IV, applied in cold adhesive to 4' x 8' x 1/4" glass-mat embedded, water resistant gypsum core panel mechanically fastened  26  10  10  10  11  27  12  28  13  29  14  15  16  16  29  16  20  27  28  28  29  29  20  20  20  20  20  20  20  20	24		SF	\$ 0.24
25 glass-mat embedded, water resistant gypsum core panel mechanically fastened  26 Insulation  27 Demolition of roof insulation, per inch of depth  28 Demolition of lightweight cementitious fills, per inch of depth  Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets with fiberglass facers, 1"  29 thick, R-6.6, applied Type IV (or appropriate) asphalt  Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets with fiberglass facers, 1 1/2"  thick, R-10.0, applied Type IV (or appropriate) asphalt  Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets with fiberglass facers, 1 1/2"  Thick, R-10.0, applied Type IV (or appropriate) asphalt  Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets with fiberglass facers, 1 1/2"  Thick, R-10.0, applied Type IV (or appropriate) asphalt  Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets with fiberglass facers, 1 1/2"  Thick, R-10.0, mechanically fastened  Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39, applied Type IV (or appropriate) asphalt  Roof deck insulation, fiberboard in 4' x 8' sheets, 25/32" thick, R-2.4, installed hot/cold or mechanically attached coated six sides  Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, applied Type IV asphalt (or appropriate asphalt), coated six sides  Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, mechanically fastened, coated six sides  Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, mechanically fastened, coated six sides  Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, mechanically fastened, coated six sides  Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, mechanically fastened, coated six sides  Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, mechanically fastened, coated six sides  Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, mechanically fastened, coated six sides  Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, mechanically fasten				
26	25		SF	\$ 0.60
Demolition of roof insulation, per inch of depth   SF   \$ 0.45				
Demolition of lightweight cementitious fills, per inch of depth   SF   Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets with fiberglass facers, 1"   SF   SF   SF   SF   SF   SF   SF   S	27		SF	\$ 0.45
Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets with fiberglass facers, 1"  Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets with fiberglass facers, 1 1/2" thick, R-6.6, applied Type IV (or appropriate) asphalt  Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets with fiberglass facers, 1 1/2" thick, R-10.0, applied Type IV (or appropriate) asphalt  Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets, 1" thick, R-6.6, mechanically fastened  Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets with fiberglass facers, 1 1/2" thick, R-10.0, mechanically fastened  Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39, applied Type IV (or appropriate) asphalt  Roof deck insulation, fiberboard in 4' x 8' sheets, 25/32" thick, R-2.4, installed hot/cold or mechanically attached coated six sides  Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, applied Type IV asphalt (or appropriate asphalt), coated six sides  Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, mechanically fastened, coated six sides  Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, mechanically fastened, coated six sides  Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, mechanically fastened, coated six sides  Roof deck insulation, lightweight cellular wire reinforced concrete fill, R-value depending  SE \$ 0.53	28			
thick, R-6.6, applied Type IV (or appropriate) asphalt  Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets with fiberglass facers, 1 1/2" thick, R-10.0, applied Type IV (or appropriate) asphalt  Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets, 1" thick, R-6.6, mechanically fastened  Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets with fiberglass facers, 1 1/2" SF \$ 0.38  Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets with fiberglass facers, 1 1/2" SF \$ 0.81  Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39, applied Type IV (or appropriate) asphalt  Roof deck insulation, fiberboard in 4' x 8' sheets, 25/32" thick, R-2.4, installed hot/cold or mechanically attached coated six sides  Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, applied Type IV asphalt (or appropriate asphalt), coated six sides  Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39, mechanically  SF \$ 0.50  Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39, mechanically  SF \$ 0.50  Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, mechanically fastened, coated six sides  Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, mechanically fastened, coated six sides  Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, mechanically fastened, coated six sides  Roof deck insulation, lightweight cellular wire reinforced concrete fill, R-value depending				
thick, R-10.0, applied Type IV (or appropriate) asphalt  Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets, 1" thick, R-6.6, mechanically fastened  Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets with fiberglass facers, 1 1/2" thick, R-10.0, mechanically fastened  Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39, applied Type IV (or appropriate) asphalt  Roof deck insulation, fiberboard in 4' x 8' sheets, 25/32" thick, R-2.4, installed hot/cold or mechanically attached coated six sides  Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, applied Type IV asphalt (or appropriate asphalt), coated six sides  Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39, mechanically fastened, coated six sides  Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, mechanically fastened, coated six sides  Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, mechanically fastened, coated six sides  Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, mechanically fastened, coated six sides  Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, mechanically fastened, coated six sides  Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, mechanically fastened, coated six sides  Roof deck insulation, lightweight cellular wire reinforced concrete fill, R-value depending  SE  SE  SE  SE  SE  SE  SE  SE  SE  S	29	·	SF	\$ 0.48
thick, R-10.0, applied Type IV (or appropriate) asphalt  Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets, 1" thick, R-6.6, mechanically fastened  Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets with fiberglass facers, 1 1/2"  SF \$ 0.81  Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39, applied Type IV (or appropriate) asphalt  Roof deck insulation, fiberboard in 4' x 8' sheets, 25/32" thick, R-2.4, installed hot/cold or mechanically attached coated six sides  Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, applied Type IV asphalt (or appropriate asphalt), coated six sides  Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, applied Type IV asphalt (or appropriate asphalt), coated six sides  Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39, mechanically fastened, coated six sides  Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, mechanically fastened, coated six sides  Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, mechanically fastened, coated six sides  Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, mechanically fastened, coated six sides  Roof deck insulation, lightweight cellular wire reinforced concrete fill, R-value depending  SF \$ 0.53			SF	\$ 0.71
31   fastened   SF   \$   0.38	30	thick, R-10.0, applied Type IV (or appropriate) asphalt		,
Roof deck insulation, Isocyanurate in 4' x 4' or 4' x 8' sheets with fiberglass facers, 1 1/2"  SF \$ 0.81  Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39, applied Type IV (or appropriate) asphalt  Roof deck insulation, fiberboard in 4' x 8' sheets, 25/32" thick, R-2.4, installed hot/cold or mechanically attached coated six sides  Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, applied Type IV asphalt (or appropriate asphalt), coated six sides  Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, applied Type IV asphalt (or appropriate asphalt), coated six sides  Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39, mechanically fastened, coated six sides  Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, mechanically fastened, coated six sides  Roof deck insulation, lightweight cellular wire reinforced concrete fill, R-value depending  SF \$ 0.53	31		SF	\$ 0.38
Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39, applied Type IV (or appropriate) asphalt  Roof deck insulation, fiberboard in 4' x 8' sheets, 25/32" thick, R-2.4, installed hot/cold or mechanically attached coated six sides  Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, applied Type IV asphalt (or appropriate asphalt), coated six sides  Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, applied Type IV asphalt (or appropriate asphalt), coated six sides  Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39, mechanically fastened, coated six sides  Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, mechanically fastened, coated six sides  Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, mechanically fastened, coated six sides  Roof deck insulation, lightweight cellular wire reinforced concrete fill, R-value depending			CE	¢ 0.01
33 appropriate) asphalt  Roof deck insulation, fiberboard in 4' x 8' sheets, 25/32" thick, R-2.4, installed hot/cold or mechanically attached coated six sides  Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, applied Type IV asphalt (or appropriate asphalt), coated six sides  Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39, mechanically fastened, coated six sides  Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, mechanically fastened, coated six sides  Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, mechanically fastened, coated six sides  Roof deck insulation, lightweight cellular wire reinforced concrete fill, R-value depending  SF \$ 0.33	32	thick, R-10.0, mechanically fastened	SF	\$ 0.81
Roof deck insulation, fiberboard in 4' x 8' sheets, 25/32" thick, R-2.4, installed hot/cold or mechanically attached coated six sides  Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, applied Type IV asphalt (or appropriate asphalt), coated six sides  Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39, mechanically fastened, coated six sides  Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, mechanically fastened, coated six sides  Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, mechanically fastened, coated six sides  Roof deck insulation, lightweight cellular wire reinforced concrete fill, R-value depending  SF \$ 0.33	33		SF	\$ 1.03
34   mechanically attached coated six sides				
35 appropriate asphalt), coated six sides  Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39, mechanically fastened, coated six sides  Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, mechanically fastened, coated six sides  Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, mechanically fastened, coated six sides  Roof deck insulation, lightweight cellular wire reinforced concrete fill, R-value depending  SF \$ 0.53	34	mechanically attached coated six sides	SF	\$ 0.35
36 fastened, coated six sides  Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, mechanically fastened, coated six sides  Roof deck insulation, lightweight cellular wire reinforced concrete fill, R-value depending  SF \$ 0.33	35		SF	\$ 0.50
Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, mechanically fastened, coated six sides  Roof deck insulation, lightweight cellular wire reinforced concrete fill, R-value depending  SF \$ 0.33	36	Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39, mechanically	SF	\$ 0.55
Roof deck insulation, lightweight cellular wire reinforced concrete fill, R-value depending	37	Roof deck insulation, fiberboard in 4' x 4', 1" thick, R-2.78, mechanically fastened, coated	SF	\$ 0.33
		Roof deck insulation, lightweight cellular wire reinforced concrete fill, R-value depending	SF	\$ 0.53

Roof deck insulation, vermiculite at 1/8:12, R-value depending on thickness, per inch of depth  Roof deck insulation, vermiculite at 1/4:12, R-value depending on thickness, per inch of depth  Roof deck insulation, gypsum panels, 3" thick  Roof deck insulation, Isocyanurate (black facer only), tapered, 1/8" per foot slope, Type IV asphalt, per inch of depth  Roof deck insulation, Isocyanurate (black facer only), tapered, 1/4" per foot slope, Type IV asphalt, per inch of depth  Roof deck insulation, Isocyanurate (black facer only), tapered, 1/4" per foot slope, Type IV asphalt, per inch of depth  Cold insulation adhesive  SF  \$  CDX Gypsum, 1/4" x 4' x 8' - Mechanically attached  GDX Gypsum, 1/4" x 4' x 8' - Set into adhesive  SF  \$  CDX Gypsum, 1/2" x 4' x 8' - Mechanically attached  SF  \$  CDX Gypsum, 1/2" x 4' x 8' - Set into adhesive  SF  \$  \$  CDX Gypsum, 1/2" x 4' x 8' - Set into adhesive  SF  \$  \$  \$  CDX Gypsum, 1/2" x 4' x 8' - Set into adhesive  SF  \$  \$  \$  \$  \$  \$  \$  \$  \$  \$  \$  \$  \$	1.35 1.53 2.48 0.66 1.05
Roof deck insulation, vermiculite at 1/4:12, R-value depending on thickness, per inch of depth  41 Roof deck insulation, gypsum panels, 3" thick  Roof deck insulation, Isocyanurate (black facer only), tapered, 1/8" per foot slope, Type IV asphalt, per inch of depth  Roof deck insulation, Isocyanurate (black facer only), tapered, 1/4" per foot slope, Type IV asphalt, per inch of depth  SF  \$  \$  \$  \$  \$  \$  \$  \$  \$  \$  \$  \$  \$	2.48 0.66 1.05
41 Roof deck insulation, gypsum panels, 3" thick  Roof deck insulation, Isocyanurate (black facer only), tapered, 1/8" per foot slope, Type IV asphalt, per inch of depth  Roof deck insulation, Isocyanurate (black facer only), tapered, 1/4" per foot slope, Type IV asphalt, per inch of depth  42 IV asphalt, per inch of depth  43 IV asphalt, per inch of depth  44 Cold insulation adhesive  55 \$  45 CDX Gypsum, 1/4" x 4' x 8' - Mechanically attached  46 CDX Gypsum, 1/4" x 4' x 8' - Set into adhesive  47 CDX Gypsum, 1/2" x 4' x 8' - Mechanically attached  57 \$  \$ \$	0.66 1.05
Roof deck insulation, Isocyanurate (black facer only), tapered, 1/8" per foot slope, Type IV asphalt, per inch of depth  Roof deck insulation, Isocyanurate (black facer only), tapered, 1/4" per foot slope, Type IV asphalt, per inch of depth  43 IV asphalt, per inch of depth  44 Cold insulation adhesive  55 \$  45 CDX Gypsum, 1/4" x 4' x 8' - Mechanically attached  46 CDX Gypsum, 1/4" x 4' x 8' - Set into adhesive  47 CDX Gypsum, 1/2" x 4' x 8' - Mechanically attached  57 \$  \$ \$	0.66 1.05
Roof deck insulation, Isocyanurate (black facer only), tapered, 1/4" per foot slope, Type  IV asphalt, per inch of depth  44 Cold insulation adhesive  55 \$  45 CDX Gypsum, 1/4" x 4' x 8' - Mechanically attached  56 CDX Gypsum, 1/4" x 4' x 8' - Set into adhesive  47 CDX Gypsum, 1/2" x 4' x 8' - Mechanically attached  57 \$  \$ \$	1.05
43IV asphalt, per inch of depthSF\$44Cold insulation adhesiveSF\$45CDX Gypsum, 1/4" x 4' x 8' - Mechanically attachedSF\$46CDX Gypsum, 1/4" x 4' x 8' - Set into adhesiveSF\$47CDX Gypsum, 1/2" x 4' x 8' - Mechanically attachedSF\$	
44Cold insulation adhesiveSF\$45CDX Gypsum, 1/4" x 4' x 8' - Mechanically attachedSF\$46CDX Gypsum, 1/4" x 4' x 8' - Set into adhesiveSF\$47CDX Gypsum, 1/2" x 4' x 8' - Mechanically attachedSF\$	0.00
45       CDX Gypsum, 1/4" x 4' x 8' - Mechanically attached       SF       \$         46       CDX Gypsum, 1/4" x 4' x 8' - Set into adhesive       SF       \$         47       CDX Gypsum, 1/2" x 4' x 8' - Mechanically attached       SF       \$	0.70
46       CDX Gypsum, 1/4" x 4' x 8' - Set into adhesive       SF       \$         47       CDX Gypsum, 1/2" x 4' x 8' - Mechanically attached       SF       \$	0.89
47 CDX Gypsum, 1/2" x 4' x 8' - Mechanically attached SF \$	1.44
48 CDX Gypsum, 1/2" x 4' x 8' - Set into adhesive SF \$	1.21
	1.78
49 CDX Gypsum with fiberglass, facer: 1/4" x 4' x 8' - Mechanically attached SF \$	0.46
50 CDX Gypsum with fiberglass, facer: 1/4" x 4' x 8' - Set into adhesive SF \$	0.73
51 CDX Gypsum with fiberglass facer: 1/2" x 4' x 8' - Mechanically attached SF \$	0.59
52 CDX Gypsum with fiberglass facer: 1/2" x 4' x 8' - Set into adhesive SF \$	0.88
53 Roof Tiles and Shingles	0.00
Remove composition shingles and felts to decking (test for removal of ashestos prior to	
54   removal)   SF   \$	0.79
55 Remove clay, concrete, or slate roof tiles to decking SF \$	0.85
56 Remove wood shingles and felts to decking SF \$	0.30
57 Shingles, fiberglass, Class A, 25-year strip shingles, slopes 3:12 or greater SF \$	1.53
Shingles, fiberglass, Class A, 30-year, premium laminated multilayered shingles, slopes	1.33
Shingles, noergiass, class A, 30-year, premium laminated multilayered shingles, slopes  SF  \$	2.30
	4.22
	4.23
Self-adhering ice and water shield membrane for shingles, tiles, metal waterways,  SF	2.26
60 penetrations, valleys, ridges, edges, etc.	
61 Roofing and Roof Restoration	
62 Remove built-up roof, multi-ply aggregate, non-asbestos, 1 " thick or less SF \$	0.93
63 Remove single-ply roof: ballast, and membrane only SF \$	1.09
64 Remove single-ply roof, membrane partially or fully adhered SF \$	1.20
65 Remove single-ply roof, membrane mechanically attached SF \$	1.30
66 Remove copper sheet roofing SF \$	0.31
67 Base sheet, 3-ply fiberglass, Type IV (or appropriate type) asphalt (17 year roof) SF \$	1.79
68 Base sheet, 4-ply fiberglass, mechanically attached (17-year roof) SF \$	1.28
69 Fiberglass cap finishing membrane SF \$	0.43
70 Base sheet with 2 ply, fiberglass felts, Type IV asphalt (or appropriate type) SF \$	1.66
71 Base sheet with 3 ply, fiberglass felts, Type IV asphalt (or appropriate type) SF \$	2.13
Base sheet mechanically attached with 4 ply, Type VI fiberglass felts, Type IV (or	1.44
72 January into type) canbalt	
72   appropriate type) aspnait	
Nail base sheet, 3 ply Type VI fiberglass felts, fiberglass cap, Type IV (or appropriate	1.49
Nail base sheet, 3 ply Type VI fiberglass felts, fiberglass cap, Type IV (or appropriate type) asphalt.  SF \$\$	1.49
Nail base sheet, 3 ply Type VI fiberglass felts, fiberglass cap, Type IV (or appropriate type) asphalt.  SF  \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1.49
Nail base sheet, 3 ply Type VI fiberglass felts, fiberglass cap, Type IV (or appropriate type) asphalt.  SF  SF  SF  SF  SP  SP  SP  SP  SP  SP	1.70
Nail base sheet, 3 ply Type VI fiberglass felts, fiberglass cap, Type IV (or appropriate type) asphalt.    Rase sheet with 4 ply; 2 polyester and 2 fiberglass felts, Type IV (or appropriate type)   SF   \$   \$   \$   \$   \$   \$   \$   \$   \$	
Nail base sheet, 3 ply Type VI fiberglass felts, fiberglass cap, Type IV (or appropriate type) asphalt.    SF	1.70
Nail base sheet, 3 ply Type VI fiberglass felts, fiberglass cap, Type IV (or appropriate type) asphalt.  Base sheet with 4 ply; 2 polyester and 2 fiberglass felts, Type IV (or appropriate type) asphalt (20 year roof)  Built-up roof, base sheet with 3 ply polyester roofing sheet, Type IV (or appropriate type) asphalt (20 year roof)  Built-up roof, base sheet with 3 ply Type GS fiberglass, cold process adhesive (20 year SF \$	1.70
Nail base sheet, 3 ply Type VI fiberglass felts, fiberglass cap, Type IV (or appropriate type) asphalt.  SF \$  SF	1.70 1.28 3.29
Nail base sheet, 3 ply Type VI fiberglass felts, fiberglass cap, Type IV (or appropriate type) asphalt.  Base sheet with 4 ply; 2 polyester and 2 fiberglass felts, Type IV (or appropriate type) asphalt (20 year roof)  Built-up roof, base sheet with 3 ply polyester roofing sheet, Type IV (or appropriate type) asphalt (20 year roof)  Built-up roof, base sheet with 3 ply Type GS fiberglass, cold process adhesive (20 year roof)  Built-up roof base sheet plus 4 ply Type G2 fiberglass, cold process adhesive (30 year SF \$	1.70
Nail base sheet, 3 ply Type VI fiberglass felts, fiberglass cap, Type IV (or appropriate type) asphalt.  Base sheet with 4 ply; 2 polyester and 2 fiberglass felts, Type IV (or appropriate type) asphalt (20 year roof)  Built-up roof, base sheet with 3 ply polyester roofing sheet, Type IV (or appropriate type) asphalt (20 year roof)  Built-up roof, base sheet with 3 ply Type GS fiberglass, cold process adhesive (20 year roof)  Built-up roof base sheet with 3 ply Type G2 fiberglass, cold process adhesive (30 year roof)  Built-up roof base sheet plus 4 ply Type G2 fiberglass, cold process adhesive (30 year roof)  \$F\$  \$\$  \$F\$  \$\$	1.70 1.28 3.29
Nail base sheet, 3 ply Type VI fiberglass felts, fiberglass cap, Type IV (or appropriate type) asphalt.  Base sheet with 4 ply; 2 polyester and 2 fiberglass felts, Type IV (or appropriate type) asphalt (20 year roof)  Built-up roof, base sheet with 3 ply polyester roofing sheet, Type IV (or appropriate type) asphalt (20 year roof)  Built-up roof, base sheet with 3 ply Type GS fiberglass, cold process adhesive (20 year roof)  Built-up roof base sheet with 3 ply Type G2 fiberglass, cold process adhesive (30 year roof)  Built-up roof, base sheet plus 4 ply Type G2 fiberglass, cold process adhesive (30 year roof)  Built-up roof, base sheet, 1 ply Type VI fiberglass, 1 ply modified bitumen sheet, fire	1.70 1.28 3.29
Nail base sheet, 3 ply Type VI fiberglass felts, fiberglass cap, Type IV (or appropriate type) asphalt.  Base sheet with 4 ply; 2 polyester and 2 fiberglass felts, Type IV (or appropriate type) asphalt (20 year roof)  Built-up roof, base sheet with 3 ply polyester roofing sheet, Type IV (or appropriate type) asphalt (20 year roof)  Built-up roof, base sheet with 3 ply Type GS fiberglass, cold process adhesive (20 year roof)  Built-up roof base sheet with 3 ply Type G2 fiberglass, cold process adhesive (30 year roof)  Built-up roof base sheet plus 4 ply Type G2 fiberglass, cold process adhesive (30 year roof)  Built-up roof, base sheet, 1 ply Type VI fiberglass, 1 ply modified bitumen sheet, fire rated, Type IV asphalt (15 year roof)  \$F\$  \$\$	1.70 1.28 3.29 2.23
Nail base sheet, 3 ply Type VI fiberglass felts, fiberglass cap, Type IV (or appropriate type) asphalt.  Base sheet with 4 ply; 2 polyester and 2 fiberglass felts, Type IV (or appropriate type) asphalt (20 year roof)  Built-up roof, base sheet with 3 ply polyester roofing sheet, Type IV (or appropriate type) asphalt (20 year roof)  Built-up roof, base sheet with 3 ply Type GS fiberglass, cold process adhesive (20 year roof)  Built-up roof base sheet with 3 ply Type G2 fiberglass, cold process adhesive (30 year roof)  Built-up roof, base sheet plus 4 ply Type G2 fiberglass, cold process adhesive (30 year roof)  Built-up roof, base sheet, 1 ply Type VI fiberglass, 1 ply modified bitumen sheet, fire rated, Type IV asphalt (15 year roof)  Built-up roof, base sheet, 2 ply polyester roofing sheet, 1 ply modified bitumen sheet, fire	1.70 1.28 3.29 2.23
Nail base sheet, 3 ply Type VI fiberglass felts, fiberglass cap, Type IV (or appropriate type) asphalt.  Base sheet with 4 ply; 2 polyester and 2 fiberglass felts, Type IV (or appropriate type) asphalt (20 year roof)  Built-up roof, base sheet with 3 ply polyester roofing sheet, Type IV (or appropriate type) asphalt (20 year roof)  Built-up roof, base sheet with 3 ply Type GS fiberglass, cold process adhesive (20 year roof)  Built-up roof base sheet with 3 ply Type G2 fiberglass, cold process adhesive (30 year roof)  Built-up roof base sheet plus 4 ply Type G2 fiberglass, cold process adhesive (30 year roof)  Built-up roof, base sheet, 1 ply Type VI fiberglass, 1 ply modified bitumen sheet, fire rated, Type IV asphalt (15 year roof)  Built-up roof, base sheet, 2 ply polyester roofing sheet, 1 ply modified bitumen sheet, fire rated, Type IV asphalt (or appropriate type) (20 year roof)  \$F\$  \$\$ \$\$	1.70 1.28 3.29 2.23 3.24 1.85
Nail base sheet, 3 ply Type VI fiberglass felts, fiberglass cap, Type IV (or appropriate type) asphalt.  Base sheet with 4 ply; 2 polyester and 2 fiberglass felts, Type IV (or appropriate type) asphalt (20 year roof)  Built-up roof, base sheet with 3 ply polyester roofing sheet, Type IV (or appropriate type) asphalt (20 year roof)  Built-up roof, base sheet with 3 ply Type GS fiberglass, cold process adhesive (20 year roof)  Built-up roof base sheet with 3 ply Type G2 fiberglass, cold process adhesive (30 year roof)  Built-up roof, base sheet plus 4 ply Type G2 fiberglass, cold process adhesive (30 year roof)  Built-up roof, base sheet, 1 ply Type VI fiberglass, 1 ply modified bitumen sheet, fire rated, Type IV asphalt (15 year roof)  Built-up roof, base sheet, 2 ply polyester roofing sheet, 1 ply modified bitumen sheet, fire rated, Type IV asphalt (or appropriate type) (20 year roof)  Built-up roof, base sheet, 3 ply polyester roofing sheet, 1 ply modified bitumen sheet, fire rated, Type IV asphalt (or appropriate type) (20 year roof)  SF  \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1.70 1.28 3.29 2.23 3.24 1.85 0.65
Nail base sheet, 3 ply Type VI fiberglass felts, fiberglass cap, Type IV (or appropriate type) asphalt.  Base sheet with 4 ply; 2 polyester and 2 fiberglass felts, Type IV (or appropriate type) asphalt (20 year roof)  Built-up roof, base sheet with 3 ply polyester roofing sheet, Type IV (or appropriate type) asphalt (20 year roof)  Built-up roof, base sheet with 3 ply Type GS fiberglass, cold process adhesive (20 year roof)  Built-up roof base sheet plus 4 ply Type G2 fiberglass, cold process adhesive (30 year roof)  Built-up roof, base sheet, 1 ply Type VI fiberglass, 1 ply modified bitumen sheet, fire rated, Type IV asphalt (15 year roof)  Built-up roof, base sheet, 2 ply polyester roofing sheet, 1 ply modified bitumen sheet, fire rated, Type IV asphalt (or appropriate type) (20 year roof)  Built-up roof, base sheet, G-2, 33 lb, mechanically attached  SF \$  \$  \$  \$  \$  \$  \$  \$  \$  \$  \$  \$  \$	1.70 1.28 3.29 2.23 3.24 1.85 0.65 0.74
Nail base sheet, 3 ply Type VI fiberglass felts, fiberglass cap, Type IV (or appropriate type) asphalt.  Base sheet with 4 ply; 2 polyester and 2 fiberglass felts, Type IV (or appropriate type) asphalt (20 year roof)  Built-up roof, base sheet with 3 ply polyester roofing sheet, Type IV (or appropriate type) asphalt (20 year roof)  Built-up roof, base sheet with 3 ply Type GS fiberglass, cold process adhesive (20 year roof)  Built-up roof base sheet plus 4 ply Type G2 fiberglass, cold process adhesive (30 year roof)  Built-up roof, base sheet, 1 ply Type VI fiberglass, 1 ply modified bitumen sheet, fire rated, Type IV asphalt (15 year roof)  Built-up roof, base sheet, 2 ply polyester roofing sheet, 1 ply modified bitumen sheet, fire rated, Type IV asphalt (or appropriate type) (20 year roof)  Built-up roof, base sheet, G-2, 33 lb., mechanically attached  SF \$  Built-up roof, base sheet, G-2, 33 lb., Type IV asphalt  SF \$  Built-up roof, base sheet, G-2, 33 lb., Type IV asphalt  SF \$  Built-up roof, premium asphalt, added cost per ply per square foot	1.70 1.28 3.29 2.23 3.24 1.85 0.65 0.74 0.10
Nail base sheet, 3 ply Type VI fiberglass felts, fiberglass cap, Type IV (or appropriate type) asphalt.  Base sheet with 4 ply; 2 polyester and 2 fiberglass felts, Type IV (or appropriate type) asphalt (20 year roof)  Built-up roof, base sheet with 3 ply polyester roofing sheet, Type IV (or appropriate type) asphalt (20 year roof)  Built-up roof, base sheet with 3 ply Type GS fiberglass, cold process adhesive (20 year roof)  Built-up roof base sheet plus 4 ply Type G2 fiberglass, cold process adhesive (30 year roof)  Built-up roof, base sheet, 1 ply Type VI fiberglass, 1 ply modified bitumen sheet, fire rated, Type IV asphalt (15 year roof)  Built-up roof, base sheet, 2 ply polyester roofing sheet, 1 ply modified bitumen sheet, fire rated, Type IV asphalt (or appropriate type) (20 year roof)  Built-up roof, base sheet, G-2, 33 lb., mechanically attached  Built-up roof, base sheet, G-2, 33 lb., Type IV asphalt  SF  Built-up roof, base sheet, G-2, 33 lb., Type IV asphalt  SF  Built-up roof, premium asphalt, added cost per ply per square foot  SF  Built-up roof, modified bitumen adhesive, added cost per ply per square foot  SF  SF  SF  SF  SF  SF  SF  SF  SF  S	1.70 1.28 3.29 2.23 3.24 1.85 0.65 0.74 0.10 0.25
Nail base sheet, 3 ply Type VI fiberglass felts, fiberglass cap, Type IV (or appropriate type) asphalt.  Base sheet with 4 ply; 2 polyester and 2 fiberglass felts, Type IV (or appropriate type) asphalt (20 year roof)  Built-up roof, base sheet with 3 ply polyester roofing sheet, Type IV (or appropriate type) asphalt (20 year roof)  Built-up roof, base sheet with 3 ply Type GS fiberglass, cold process adhesive (20 year roof)  Built-up roof base sheet plus 4 ply Type G2 fiberglass, cold process adhesive (30 year roof)  Built-up roof, base sheet, 1 ply Type VI fiberglass, 1 ply modified bitumen sheet, fire rated, Type IV asphalt (15 year roof)  Built-up roof, base sheet, 2 ply polyester roofing sheet, 1 ply modified bitumen sheet, fire rated, Type IV asphalt (or appropriate type) (20 year roof)  Built-up roof, base sheet, G-2, 33 lb., mechanically attached  Built-up roof, base sheet, G-2, 33 lb., Type IV asphalt  SF  Built-up roof, base sheet, G-2, 33 lb., Type IV asphalt  SF  Built-up roof, base sheet, G-2, 33 lb., Type IV asphalt  SF  Built-up roof, base sheet, G-2, 34 lb., Type IV asphalt  SF  Built-up roof, base sheet, G-2, 35 lb., Type IV asphalt  SF  Built-up roof, base sheet, G-2, 36 lb., Type IV asphalt  SF  Built-up roof, base sheet, G-2, 37 lb., Type IV asphalt  SF  Built-up roof, base sheet, G-2, 37 lb., Type IV asphalt  SF  Built-up roof, base sheet, G-2, 37 lb., Type IV asphalt  SF  Built-up roof, base sheet, G-2, 37 lb., Type IV asphalt  SF  Built-up roof, sace sheet, G-2, 37 lb., Type IV asphalt  SF  SF  SF  SF  SF  SF  SF  SF  SF  S	1.70 1.28 3.29 2.23 3.24 1.85 0.65 0.74 0.10 0.25 2.76
Nail base sheet, 3 ply Type VI fiberglass felts, fiberglass cap, Type IV (or appropriate type) asphalt.  Base sheet with 4 ply; 2 polyester and 2 fiberglass felts, Type IV (or appropriate type) asphalt (20 year roof)  Built-up roof, base sheet with 3 ply polyester roofing sheet, Type IV (or appropriate type) asphalt (20 year roof)  Built-up roof, base sheet with 3 ply Type GS fiberglass, cold process adhesive (20 year roof)  Built-up roof base sheet plus 4 ply Type G2 fiberglass, cold process adhesive (30 year roof)  Built-up roof, base sheet, 1 ply Type G2 fiberglass, cold process adhesive (30 year roof)  Built-up roof, base sheet, 1 ply Type VI fiberglass, 1 ply modified bitumen sheet, fire rated, Type IV asphalt (15 year roof)  Built-up roof, base sheet, 2 ply polyester roofing sheet, 1 ply modified bitumen sheet, fire rated, Type IV asphalt (or appropriate type) (20 year roof)  Built-up roof, base sheet, G-2, 33 lb., mechanically attached  SF  Built-up roof, base sheet, G-2, 33 lb., Type IV asphalt  SF  Built-up roof, premium asphalt, added cost per ply per square foot  Built-up roof, modified bitumen adhesive, added cost per ply per square foot  SF  Built-up roof, surface with cold asphaltic surfacing adhesive and gravel  SF  SF  SF  SF  SF  SF  SF  SF  SF  S	1.70 1.28 3.29 2.23 3.24 1.85 0.65 0.74 0.10 0.25 2.76 0.75
Nail base sheet, 3 ply Type VI fiberglass felts, fiberglass cap, Type IV (or appropriate type) asphalt.  Base sheet with 4 ply; 2 polyester and 2 fiberglass felts, Type IV (or appropriate type) asphalt (20 year roof)  Built-up roof, base sheet with 3 ply polyester roofing sheet, Type IV (or appropriate type) asphalt (20 year roof)  Built-up roof, base sheet with 3 ply Type GS fiberglass, cold process adhesive (20 year roof)  Built-up roof base sheet plus 4 ply Type G2 fiberglass, cold process adhesive (30 year roof)  Built-up roof, base sheet, 1 ply Type VI fiberglass, 1 ply modified bitumen sheet, fire rated, Type IV asphalt (15 year roof)  Built-up roof, base sheet, 2 ply polyester roofing sheet, 1 ply modified bitumen sheet, fire rated, Type IV asphalt (or appropriate type) (20 year roof)  Built-up roof, base sheet, G-2, 33 lb., mechanically attached  Built-up roof, base sheet, G-2, 33 lb., Type IV asphalt  SF  Built-up roof, premium asphalt, added cost per ply per square foot  Built-up roof, modified bitumen adhesive, added cost per ply per square foot  SF  Built-up roof, surface with cold asphaltic surfacing adhesive and gravel	1.70 1.28 3.29 2.23 3.24 1.85 0.65 0.74 0.10 0.25 2.76

88	Built-up roof, surface with aluminum coating or paint	SF	\$	1.79
89	Built-up roofing, surface with high solids white elastomeric coating	SF	\$	2.48
90	Built-up roofing repairs; fibered ashpalt mastic, brush grade, with fiberglass mesh.	SF	\$	2.54
91	Built-up roofing repairs; pitch-based mastic, with fiberglass mesh	SF	\$	2.20
92	Built-up roofing repairs; elastomeric mastic, with fiberglass mesh	SF	\$	3.48
93	Built-up roofing restoration, coal tar pitch roofs	SF	\$	2.21
94	Built-up roofing rrestoration, odorless, coal tar pitch or asphalt roofs	SF	\$	1.94
95	Single-ply roof, CSPE, 45 mils reinforced, asbestos free, mechanically fastened	SF	\$	1.85
96	Single-ply roof, CSPE, 60 mils reinforced, asbestos free, mechanically fastened	SF	\$	1.98
97	Single-ply roofing repairs (CSPE, PVC, and EPDM)	51	Ψ	1.70
98	CSPE	SF	\$	1.73
99	PVC	SF	\$	2.16
100	EPDM	SF		
101			\$	1.90
	Flashing membrane, 2 ply, Type IV or Type VI fiberglass	SF	\$	1.84
102	Flashing membrane, 1 ply polyester and 1 ply modified bitumen	SF	\$	2.95
	Flashing membrane, 2 ply, polyester	SF	\$	2.05
104	Flashing membrane, CSPE	SF	\$	5.46
	Flashing membrane, CSPE with aluminum coating	SF	\$	8.63
106	Polyurethane foam roofing	SF	\$	1.38
107	Additional Polyurethane foam coating	SF	\$	2.24
108	Single-ply roof, EDPM, 45 mils reinforced, mechanically fastened	SF	\$	1.38
109	Single-ply roof, EDPM, 60 mils fully adhered	SF	\$	3.01
110	Built-up roof, base sheet with 3 ply trilaminate ply, cold process adhesive (25 year roof)	SF	\$	3.29
111	Built-up roof, surface with premium asphalt, and gravel.	SF	\$	0.56
112	Built-up roof, surface with Fire Retardent Aluminum coating or paint, single coat	SF	\$	0.80
	Modified Bitumen roof, base sheet, cap sheet, cold Modified Bitumen Adhesive	SF	\$	4.84
114	Built-up roof, 3 ply fiberglass felts, Type IV asphalt	SF	\$	2.75
	Single ply Roof, 45 mils fully adhered with bonding adhesive	SF	\$	3.66
	Single ply roof, TPA Fleece Back, 45 mils fully adhered with hot asphalt	SF	\$	3.66
	Single ply roof, 45 mils mechanically attached	SF	\$	1.64
118	Base sheet mechanically attached with 3 ply fiberglass felts, Type 1 -Coal Tar Pitch	SF	\$	1.64
119	Base sheet mechanically attached with 3 ply Organic felts, Type 1 -Coal Tar Pitch	SF	\$	1.69
120	Built-up roof, 4 ply Fiberglass felts, Type 1 Coal Tar Pitch	SF	\$	1.74
	Build-up roof, 4 ply Organic felts, Type 1 Coal Tar Pitch	SF	\$	1.74
	Built-up roof, surface with hot Coal Tar Pitch and gravel	SF	\$	1.21
	Single ply repairs using 2 coat polyurethane, elastomeric coating system	SF	\$	4.20
	Single ply repairs at laps or defects using 2 coats elastomeric coating system with			1.20
124	reinforcement	SF	\$	4.50
	Single ply roof, TPA fleece back, 60 mils fully adhered with hot asphalt	SF	\$	5.85
	Single ply roof 60 mils fully adhered with bonding adhesive	SF	\$	5.85
	Built-up roof, 1 ply Trilaminate, 1 ply Modified Bitumen Sheet, fire rated	SF	\$	2.75
128		SF	<b></b>	2./5
	Masonry		_	22.24
129	Brick, remove and reset, 1 to 50 sq ft	SF	\$	20.86
130	Brick, remove and reset, over 50 sq ft	SF	\$	16.86
131	Block, remove and reset	SF	\$	17.58
	Coping stones, remove and reset	Each	\$	41.85
133	Brick, block or coping removal	Each	\$	13.59
	Brick, block and brick exterior wall maintenance, repair and application of			
134	protective coatings.			
	Selective Demolition of Concrete Block Masonry Units (CMU) with perimeter saw cutting-			
135	swingstage 4", 6" and 8" block (high-rise)	Each	\$	8.33
	Selective Demolition of Brick Masonry Units withperimeter saw cutting -swingstage one,			
136	two, and three wythe (high-rise)	SF	\$	29.84
100	Selective Demolition of Brick Masonry Units with perimeter saw cutting -scaffolding one,			
137		SF	\$	21.18
137	two and three wythe (low-rise)			
120	Selective Demolition of Mortar Joint with Perimeter Sawcutting - Swingstage (high-			
	rise)	0.5	4	2.25
	Removal of existing mortar (1/2" wide by 3/4" depth)	SF	\$	2.23
	Removal of existing mortar (¾" wide by ¾" depth)	SF	\$	2.41
141	Removal of existing mortar (½" wide by 1½" depth)	SF	\$	2.65
142	Removal of existing mortar (¾" wide by 1½" depth)	SF	\$	3.38
	Selective Demolition of Mortar Joint with Perimeter Sawcutting - Scaffolding (low-			
143	rise)			

	1		
Removal of existing mortar ( ½" wide by ¾" depth)	SF	\$	4.41
Removal of existing mortar (¾" wide by ¾" depth)	SF	\$	4.85
146 Removal of existing mortar (½" wide by 1½" depth)	SF	\$	6.99
147 Removal of existing mortar (¾" wide by 1½" depth)	SF	\$	8.11
148 New Pointing Work - Swingstage (high-rise)			
Furnish and install new mortar (½" wide by ¾" depth)	SF	\$	2.93
Furnish and install new mortar (¾" wide by ¾" depth)	SF	\$	3.04
151 Furnish and install new mortar (½" wide by 1 ½" depth)	SF	\$	2.59
152   Furnish and install new mortar (¾" wide by 1 ½" depth)	SF	\$	3.75
153 New Pointing Work - Scaffolding (low-rise)			
154 Furnish and install new mortar (½" wide by ¾" depth)	SF	\$	7.06
155 Furnish and install new mortar (¾" wide by ¾" depth)	SF	\$	7.95
156 Furnish and install new mortar (½" wide by 1 ½" depth)	SF	\$	8.24
157 Furnish and install new mortar (¾" wide by 1 ½" depth)	SF	\$	9.44
158 Removal of Roof Parapets - Swingstage (high-rise)			
159 Removal of 3 wythe brick parapet wall (24" high)	SF	\$	44.51
160 Removal of 3 wythe brick parapet wall (42" high)	SF	\$	78.33
161 Removal of 2 wythe brick parapet wall (24" high)	SF	\$	37.29
162 Removal of 3 wythe brick parapet wall (42" high)	SF	\$	68.56
163 Removal of Roof Parapets - Scaffolding (low-rise)	31	Ψ	00.30
	CE	¢.	0F 04
	SF	\$	85.94
7 1 1 ( 8)	SF	\$	154.66
166 Removal of 2 wythe brick parapet wall (24" high)	SF	\$	72.18
167 Removal of 3 wythe brick parapet wall (42" high)	SF	\$	144.35
Reconstruction of Brick Masonry Roof Parapets - Swingstage (high-rise)	-		
New brick masonry parapet w/stone coping and flashings (3 wythe -24" high)	SF	\$	131.63
170 New brick masonry parapet w/stone coping and flashings (3 wythe -42" high)	SF	\$	166.25
171 New brick masonry parapet w/stone coping and flashings (2 wythe -24" high)	SF	\$	97.71
172 New brick masonry parapet w/stone coping and flashings (2 wythe -42" high)	SF	\$	121.64
173 Reconstruction of Brick Masonry Roof Parapets - Scaffolding (low-rise)			
174 New brick masonry parapet w/stone coping and flashings (3 wythe -24" high)	SF	\$	240.59
b) New brick masonry parapet w/stone coping and flashings (3 wythe -42" high)	SF	\$	326.53
176 c) New brick masonry parapet w/stone coping and flashings (2 wythe -24" high)	SF	\$	171.85
d) New brick masonry parapet w/stone coping and flashings (2 wythe -42" high)	SF	\$	251.51
178 New Throughwall Flashings - Swingstage (high-rise)			
179 Removal of 4 courses 1 wythe brick wall w/Temporary Shoring	SF	\$	46.33
180 Removal and replacement of steel lintel	SF	\$	23.38
181 Furnish and install new flashings (Bituthane)	SF	\$	7.30
182 Furnish and install new flashings (Lead coated copper)	SF	\$	13.15
183 Parging and waterproofing of back-up wall	SF	\$	10.23
184 New Throughwall Flashings - Scaffolding (low-rise)	, ,	<b>—</b>	10.25
185 Removal of 4 courses 1 wythe brick wall w/Temporary Shoring	SF	\$	37.31
186 Removal and replacement of steel lintel	SF	\$	43.81
187 Furnish and install new flashings (Bituthane)	SF	\$	
			11.70
8 (	SF	\$	23.36
	SF	\$	16.36
190 Brick Masonry/Stone Stabilization		<u></u>	40.05
191 Drilling and installation of new friction pins with mortar cap	SF	\$	12.03
Drilling and installation of new friction pins for lime stone with mortar cap	SF	\$	12.03
193 Limestone Removal and Replacement.			
194 Removal of existing deteriorated architectural limestone	SF	\$	30.08
Furnish and install new limestone replacement.	SF	\$	86.74
Replacement of stone with lightweight polymer resin to match	SF	\$	17.45
197 Minor patching of existing stone to match	SF	\$	36.71
198 Terra Cotta Removal and Replacement.			
199 Removal of existing deteriorated architectural Terra Cotta	SF	\$	60.16
200 Furnish and install new Terra Cotta replacement.	SF	\$	192.48
201 Replacement of stone with lightweight polymer resin to match	SF	\$	69.76
202 Minor patching of existing stone to match	SF	\$	111.23
203 Roof Coping Stones.	J.	*	
204 Removal of existing roof coping stones (16 inches)	SF	\$	28.36
205 Removal and parging of existing substrate	SF	\$	4.68
206 Furnish and install new lead coated copper flashings	SF	\$	19.24
The G	SF	\$	5.79
207 Drilling and epoxy grouting stainless steel pins	ı ər	1 4	5./9

	Reinstallation of existing stones with cleaning	SF	\$	17.40
	Furnish and install new coping stones	SF	\$	39.58
	Furnish and install new sealants between coping stones.	SF	\$	6.09
	Cleaning and coating of existing stones.	SF	\$	4.51
	CMU Backup Wall Repair and Waterproofing.			
213	Replacement of Deteriorated CMU Back-up	SF	\$	13.64
214	Parging of CMU back-up wal	SF	\$	3.43
	Waterproofing of back-up wall	SF	\$	1.95
	Brick Masonry Piers			
217	Isolated repair of existing masonry piers (removal and replacement)	SF	\$	27.06
218	Reconstruction of isolated areas of pier	SF	\$	24.40
219	Construction of new masonry piers.	SF	\$	19.54
	Crack Repair			
	Drill and install new stainless steel pins.	Each	\$	7.50
222	Grouting of open cracks	SF	\$	5.16
223	Replacement of cracked bricks	SF	\$	10.31
	Concrete Removal			
	Perimeter sawcutting	SF	\$	1.08
226	Removal of existing concrete (2" depth).	SF	\$	5.05
	Removal of existing concrete (3.5" depth).	SF	\$	6.50
	New Concrete and Coating			
229	Placement of new high strength patching mortar (2" depth)	SF	\$	18.04
230	Placement of new high strength patching mortar (3.5" depth).	SF	\$	20.21
231	Cleaning and coating of concrete surface.	SF	\$	5.78
232	Sidewalk Bridging.	SF	\$	22.54
233	Temporary Roof Protection	SF	\$	1.84
234	Metal Work			
235	Remove standard metal decking	SF	\$	2.14
236	Install metal decking; 1-1/2" deep, 20 gauge, standard profile	SF	\$	4.41
237	Install steel plate, two sizes	SF	\$	3.38
238	10 Gauge, standard application	SF	\$	3.38
	Extra heavy-duty 1/4th inch	SF	\$	1.83
	Remove metal counterflashing	LF	\$	1.99
	Counterflashing, galvanized, 24 gauge, 6" width	LF	\$	3.88
242	Counterflashing, copper, 16 oz., 6" width	LF	\$	2.61
	Remove metal edge, gravel stop, eave strip, or coping	LF	\$	1.65
	Metal edge raised, galvanized steel fascia/eave drip; 6 "face, hemmed, continuous cleat,			
244	3" deck flange	LF	\$	5.53
	Gravel stop, galvanized steel, 24 gauge, 6" face	LF	\$	6.28
	Remove metal gutter	LF	\$	2.94
247	Gutter, galvanized steel, ASTM 526, with 12.5oz./squarefoot galvanized coating, 24 gauge, 5" box or ogee style, joints and end caps shall be soldered	LF	\$	16.94
248	Gutter, aluminum, .050" thick 5" box or ogee, painted, Kynar finish	LF	\$	22.39
249	Gutter, copper, 16 oz, half round, 5" wide	LF	\$	9.18
250	Gutter, copper, 16 oz, half round, 6" wide	LF	\$	10.78
251	Remove metal downspouts	LF	\$	2.50
	Downspouts, aluminum, .024" thick, 3" x 4", painted, installed	LF	\$	16.56
253	Downspouts, GI, 24 gauge 3" x 4" installed	LF	\$	21.49
254	Downspouts, GI, 24 gauge, 4" round	LF	\$	13.90
	Downspouts, copper, 16 oz., 6" round	LF	\$	12.51
	Downspouts, strainer	Each	\$	4.23
	Metal flashing, apron flashing, 9" wide	LF	\$	3.79
258	Metal flashing, step flashing	Each	\$	7.01
259	Metal splash pan, 16 oz.	Each	\$	12.44
	Metal trim, aluminum, .032" thick, painted	LF	\$	2.61
	Metal storm collar	Each	\$	22.31
	Metal coping, galvanized steel, 24 gauge, standing seam	SF	\$	13.38
	Metal coping, galvanized steel, 24 gauge, with butt plate	SF	\$	13.38
		LF	\$	1.04
	Metal edge, aluminum, 0.50 thick 6" face painted	SF	\$	14.05
266	Metal edge, aluminum, free floating fascia system	SF	\$	19.49
267	Parapet wall metal	SF	\$	11.99
	Metal edge, anodized finished aluminum, free floating fascia system 8 inches	SF	\$	34.93
00	Frem eage, anotaized imistica aranmam, free notating fascia system o menes	31	ΙΨ	37.73

		_		
	al edge, high performance fluorocarbon finished aluminum, free floating fascia	SF	\$	15.81
	tem 8 inches ral edge, anodized finished aluminum, free floating fascia system 6 inches	SF	\$	14.05
1	al edge, high performance fluorocarbon finished aluminum, free floating fascia	_	<u> </u>	
271 syst	tem 6 inches	SF	\$	12.30
	v Aluminum Metal Cladding			
	nish and install new uninsulated aluminum wall cladding	SF	\$	7.31
	nish and install new insulated aluminum wall cladding	SF	\$	12.85
275 Furr	nish and install new insulated aluminum wall cladding panels (Architecture)	SF	\$	18.29
	dding of roof parapet walls with copings.  v Exterior Insulation and Finish System (EIFS)	SF	\$	21.31
1	v Exterior Insulation and Finish System (EIFS)	SF	\$	25.43
	v Exterior Insulation Finish System (EIFS) w/o insulation	SF	\$	15.69
	v Metal Copings.	SF	\$	11.15
	face Preparation			
	aning of existing steel and surface.	SF	\$	8.46
	ting of existing reinforcement	SF	\$	0.94
	erior rated gypsum board sheathing and substrate	SF	\$	2.61
	S Repair	SF	\$	24.23
286	Woodwork	CP.		1.04
	nolition of plywood or standard 1" x 6" decking	SF	\$	1.04
	nolition of standard 2" x 6" tongue and groove decking wood decking, CDX, 1/2" thick (or 15/32" optional)	SF SF	\$	0.78 2.36
2 29 1	wood decking, CDX, 1/2 thick (of 15/32 optional)	SF	\$	1.24
	wood decking, CDX, 3/4" thick	SF	\$	2.21
	ndard 1" x 6" decking, tongue and groove	SF	\$	1.38
	ndard 2" x 6" tongue and groove decking	SF	\$	2.03
294 Can	ts, wood fiber, trapezoidal, 1 1/2" x 5 5/8"	LF	\$	0.64
	ts, SBX treated wood, 4" x 4" diagonal	LF	\$	2.30
	ler, SBX treated wood, 1" x 4"	LF	\$	0.98
	ler, SBX treated wood, 2" x 4"	LF	\$	1.19
298 <b>Nail</b>	ler, SBX treated wood			
299 2" x		LF	\$	2.13
	8" optional bing, SBX treated wood, 2" x 12"	LF LF	\$	2.26 2.63
302 <b>Jois</b>		Lr	Φ	2.03
303 2" x	6"	LF	\$	2.74
	8" optional	LF	\$	3.13
305 <b>Jois</b>				
306 2" x	10"	LF	\$	3.15
	12" optional	LF	\$	3.44
308	Standing Seam Metal Roof System (SSMRS) Price Each			
	cification Using Line Items		<u> </u>	
	Engineered SSMRS, products (20-year roof)	SF	\$	5.76
	purlins f panel installation	LF	\$	6.00
	d forming of panels	SF SF	\$ \$	5.10 2.25
	cealed anchor clips	Each	\$	1.78
	or retarder installation	SF	\$	0.81
316 Insu	ulation installation	SF	\$	2.61
317 Gutt	ters (SSMRS only)	LF	\$	19.35
318 Gutt	ter liners	SF	\$	4.50
319 Flas	shing	LF	\$	9.38
	ansion joints	LF	\$	22.73
321 <b>Fini</b>	ishing touches (no additional cost in contract)			
	w retention assemblies	LF	\$	1.19
	-adhering ice and water shield membrane for shingles, tiles, metal waterways,	LF	\$	2.46
323 pend	etrations, valleys, ridges, edges, etc.  Roof Specialties and Accessories			
	nove roof hatch	Each	\$	92.81
	f hatch, aluminum, 2'6" x 3'0"	Each	\$	332.40
- 1100	f hatch, aluminum, larger sizes	SF	\$	28.65
327 Roo				
	nove existing roof drain, except plumbing	Each	\$	290.59

State   Stat	330	Install new roof 6" drain, except plumbing	Each	\$	1,288.76
Second   S					178.73
Second   S				\$	78.58
335   Walkway, built up roofs, desert an liberglass   LF   S   0.43	333		Each	\$	140.79
338	334	Remove existing walkway, built-up roofs	SF	\$	0.29
338   30° wide roll, and spatial ratched   LF   S   2.3	335				0.43
337   Walkway, single ply roof	336		LF	_	2.34
338   30" wide roll goods, tape attached					
30° wide roll, hot saphalt attached			LF	\$	1.71
349   340   wide roll, adhestive attached	339	30" wide roll, hot asphalt attached	LF	\$	1.99
Soc	340	30" wide roll, adhestive attached	LF	\$	2.01
Nof ladder, steel, bolted to concrete, 20 feet and up, with cage; with intermediate   LF   \$   68.99	341	Roof ventilators	Each	\$	91.70
1434   Roof fadder, security ladder guard   Each   \$ 73.66	342		LF	\$	56.43
348   348   andings as required by Code			IF	<b> </b>	68 96
Termination bar, aluminum, 1/4" x1"			DI.		
Pitch pocket, 24 gauge, Gl, 6" x 6", with storm collar hemmed to outside, soldered corners and seams   Fitch pocket, 24 gauge, Gl, 8" x 8", with storm collar, hemmed to outside, soldered corners and seams   Fitch pocket, 24 gauge, Gl, 8" x 8", with storm collar, hemmed to outside, soldered corners and seams   Fitch pocket, 24 gauge, Gl, 8" x 8", with storm collar, hemmed to outside, soldered corners   Each   \$ 133.51					73.64
And Seams   Each   S   123.5	345		LF	\$	2.91
Pitch pocket, 24 gauge, Gi, B" x B", with storm collar, hemmed to outside, soldered corners and seams   Pitch pocket, 24 gauge, Gi, B" x B", with storm collar, hemmed to outside, soldered corners and seams   Pitch pocket, an			Each	<b> </b> \$	122.09
348   Pitch pocket, resurface top only	346		Bacii	<u> </u> *	122.07
	347		Each	\$	133.55
349   8 'x 8'	348				
Section   Sect			Each	\$	4.45
SEX   Expansion joint, butyl or neoprene bellows, galvanized flange	350	12" x 12"	Each		5.39
SEQ   Repairs (in for dry repairs   Each   \$ 23.44					20.00
Section   Sect	352	Expansion joint, CSPE reinforced	LF	\$	15.44
Security	353	Repair kit for dry repairs	Each	\$	23.44
Standard 3'x 5', 4'x 4', 4'x 8' with single clear lenses	354	Repair kit for wet repairs	Each	\$	23.44
Standard 3' x 5', 4' x 4', 4' x 8' with clear double lenses		Skylights (price each size and lens combination)			
Standard 3' x 5', 4' x 4', 4' x 8' with clear double lenses	356	Standard 3' x 5', 4' x 4', 4' x 8' with single clear lenses	SF	\$	14.83
Skylight lense replacement only, double clear   SF   \$ 3.5			SF	\$	26.21
Security/fall bars for skylights   Security/fall bars for skylights   Security/fall bars for skylights   Security fall service   Security fall fall fall fall fall fall fall fal	358	Skylight lense replacement only, clear	SF	\$	3.51
361   3' x 5'   Each   \$ 79.65     362   4' x 4'   Each   \$ 79.66     363   4' x 8'   Each   \$ 79.66     364   5   Each   \$ 79.66     365   Each   \$ 79.66     365   Special sizes   SF   \$ 13.22     365   SP   \$ 13.22     366   Asbestos core testing and patch of existing roof surface   Each   \$ 57.76     367   Core analysis, 14" x 14" and patch of existing roof surface   Each   \$ 251.94     368   Non destructive roof scan, up to 50,000 sq ft, full service each   Each   \$ 2,321.56     369   Additional foot over 50,000 sq ft   SF   \$ 0.00     370   Non destructive roof scan, up to 50,000 sq ft, limited service   Each   \$ 1,686.36     371   Additional foot over 50,000 sq ft   SF   \$ 0.00     372   Roof inspection services (visual inspection of roofing service/membrane, flashings, counterflashings, copings, parapets, trims, hatches, penetrations, curbs, roof-mounted   Day   \$ 804.00     372   Pield/shop drawings, up to 10,000 sq ft   SF   \$ 0.00     373   Field/shop drawings, up to 10,000 sq ft   SF   \$ 0.00     374   Field/shop drawings, up to 10,000 sq ft   SF   \$ 0.00     375   Field/shop drawings, over 50,000 sq ft   SF   \$ 0.00     376   Prime contractor's warranty, restoration, less than 10,000 per sq ft, minimum charge   Per Project   \$ 500.00     377   Prime contractor's warranty, restoration, less than 10,000 sq ft, minimum charge   Per Project   \$ 1,000.00     378   Prime contractor's warranty, re-roof, total system, 10 year, less than 10,000 sq ft, minimum charge (Standard)   Per Project   \$ 1,000.00     379   Prime contractor's warranty, re-roof, total system, 10 year, less than 10,000 sq ft, minimum charge (includes 2, 5, 7, 10, 15 year inspections)   Per Project   \$ 1,000.00     380   10 year Restoration Warranty Under 10,000 Square Feet, Inspections in Years 2 & 5   EA   \$ 2,000.00     381   10 year Restoration Warranty Under 10,000 Square Feet, Inspections in Years 2 & 5   EA   \$ 0.21     382   Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft, minimum charge (Stan	359	Skylight lense replacement only, double clear	SF	\$	3.51
362 4' x 4' Each \$ 79.66 363 4' x 8' Each \$ 178.1: 364 Special sizes \$ SF \$ 13.2: 365 SR SF \$ 13.2: 366 Asbestos core testing and patch of existing roof surface \$ Each \$ 57.75 367 Core analysis, 14" x 14" and patch of existing roof surface \$ Each \$ 251.9 368 Non destructive roof scan, up to 50,000 sq ft, full service each \$ Each \$ 2,321.56 369 Additional foot over 50,000 sq ft \$ SF \$ 0.00 370 Non destructive roof scan, up to 50,000 sq ft, limited service \$ Each \$ 1,686.36 371 Additional foot over 50,000 sq ft \$ SF \$ 0.00 372 Roof inspection services (visual inspection of roofing service/membrane, flashings, counterflashings, copings, parapets, trims, hatches, penetrations, curbs, roof-mounted \$ Day \$ 804.0: 372 equipment, etc. with a written report of findings and recommendations \$ SF \$ 0.00 373 Field/shop drawings, up to 10,000 sq ft \$ SF \$ 0.00 374 Field/shop drawings, 10,000-50,000 sq ft \$ SF \$ 0.00 375 Field/shop drawings, over 50,000 sq ft \$ SF \$ 0.00 376 Prime contractor's warranty, restoration, less than 10,000 per sq ft, minimum charge \$ SF \$ 0.00 377 Prime contractor's warranty, restoration, over 10,000 sq ft, minimum charge \$ SF \$ 0.00 378 minimum charge (Standard) \$ Per Project \$ 1,000.00 379 Prime contractor's warranty, re-roof, total system, 10 year, less than 10,000 sq ft, minimum charge (includes 2, 5, 7, 10, 15 year inspections) \$ SF \$ SF \$ 0.00 380 10 year Restoration Warranty Under 10,000 Square Feet, Inspections in Years 2 & 5 EA \$ 0.20 381 10 year Restoration Warranty Under 10,000 Square Feet, Inspections in Years 2 & 5 EA \$ 0.21 382 Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft, minimum charge (Standard) \$ SF \$ SF \$ 0.01 383 10 year Restoration Warranty Under 10,000 Square Feet, Inspections in Years 2 & 5 EA \$ 0.21 384 Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft, minimum charge (Standard)					
Separation   Sep					79.69
Special sizes   Special size				<del>-</del>	79.69
Roof Services   Sach   Asbestos core testing and patch of existing roof surface   Each   \$ 57.75					178.13
366   Asbestos core testing and patch of existing roof surface   Each   \$ 57.79   367   Core analysis, 14" x 14" and patch of existing roof surface   Each   \$ 251.99   368   Non destructive roof scan, up to 50,000 sq ft, full service each   Each   \$ 2,321.55   369   Additional foot over 50,000 sq ft   SF   \$ 0.03   370   Non destructive roof scan, up to 50,000 sq ft, limited service   Each   \$ 1,686.36   371   Additional foot over 50,000 sq ft   SF   \$ 0.03   372   Roof inspection services (visual inspection of roofing service/membrane, flashings, counterflashings, copings, parapets, trims, hatches, penetrations, curbs, roof-mounted   Day   \$ 804.03   372   equipment, etc. with a written report of findings and recommendations   SF   \$ 0.03   374   Field/shop drawings, up to 10,000 sq ft   SF   \$ 0.03   375   Field/shop drawings, over 50,000 sq ft   SF   \$ 0.03   376   Prime contractor's warranty, restoration, less than 10,000 per sq ft, minimum charge   Per Project   \$ 500.03   377   Prime contractor's warranty, restoration, over 10,000 sq ft, minimum charge   SF   \$ 0.03   378   Prime contractor's warranty, re-roof, total system, 10 year, less than 10,000 sq ft, minimum charge (Standard)   Per Project   \$ 1,000.00   Prime contractor's warranty, re-roof, total system, 10 year, less than 10,000 sq ft, minimum charge (Includes 2, 5, 7, 10, 15 year inspections)   Per Project   \$ 1,500.00   380   10 year Restoration Warranty Under 10,000 Square Feet, Inspections in Years 2 & 5   EA   \$ 2,000.00   381   10 year Restoration Warranty, re-roof, total system, 10 year, more than 10,000 sq ft, minimum charge (Standard)   Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft, minimum charge (Standard)   Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft, minimum charge (Standard)   Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft, minimum charge (Standard)   Prime contractor's warranty, re-roof, total system, 10 year, more t			SF	\$	13.23
Second					
368 Non destructive roof scan, up to 50,000 sq ft, full service each 369 Additional foot over 50,000 sq ft 370 Non destructive roof scan, up to 50,000 sq ft, limited service 371 Additional foot over 50,000 sq ft 372 Roof inspection services (visual inspection of roofing service/membrane, flashings, counterflashings, copings, parapets, trims, hatches, penetrations, curbs, roof-mounted equipment, etc. with a written report of findings and recommendations 373 Field/shop drawings, up to 10,000 sq ft 374 Field/shop drawings, up to 10,000 sq ft 375 Field/shop drawings, over 50,000 sq ft 376 Prime contractor's warranty, restoration, less than 10,000 per sq ft, minimum charge 377 Prime contractor's warranty, restoration, over 10,000 sq ft, minimum charge 378 Prime contractor's warranty, re-roof, total system, 10 year, less than 10,000 sq ft, minimum charge (Standard) 379 Prime contractor's warranty, re-roof, total system, 10 year, less than 10,000 sq ft, minimum charge (Includes 2, 5, 7, 10, 15 year inspections) 380 10 year Restoration Warranty Under 10,000 Square Feet, Inspections in Years 2 & 5 381 10 year Restoration Warranty ve-roof, total system, 10 year, more than 10,000 sq ft, minimum charge (Standard) 382 Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft, minimum charge (Standard) 384 Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft, minimum charge (Standard) 385 EA \$ 2,000.00					57.79
369   Additional foot over 50,000 sq ft   SF   \$ 0.03					
370   Non destructive roof scan, up to 50,000 sq ft, limited service   Each   \$ 1,686.33					
Roof inspection services (visual inspection of roofing service/membrane, flashings, counterflashings, copings, parapets, trims, hatches, penetrations, curbs, roof-mounted equipment, etc. with a written report of findings and recommendations   SF   \$ 0.00		· •		_	0.03
Roof inspection services (visual inspection of roofing service/membrane, flashings, counterflashings, copings, parapets, trims, hatches, penetrations, curbs, roof-mounted equipment, etc. with a written report of findings and recommendations  373 Field/shop drawings, up to 10,000 sq ft  374 Field/shop drawings, 10,000-50,000 sq ft  375 Field/shop drawings, over 50,000 sq ft  376 Prime contractor's warranty, restoration, less than 10,000 per sq ft, minimum charge  377 Prime contractor's warranty, restoration, over 10,000 sq ft, minimum charge  378 Prime contractor's warranty, re-roof, total system, 10 year, less than 10,000 sq ft, minimum charge (Standard)  379 Prime contractor's warranty, re-roof, total system, 10 year, less than 10,000 sq ft, minimum charge (Includes 2, 5, 7, 10, 15 year inspections)  380 10 year Restoration Warranty Under 10,000 Square Feet, Inspections in Years 2 & 5  381 10 year Restoration Warranty Over 10,000 Square Feet, Inspections in Years 2 & 5  382 Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft, minimum charge (Standard)  Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft, minimum charge (Standard)  Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft, minimum charge (Standard)  Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft, minimum charge (Standard)  Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft, minimum charge (Standard)					
counterflashings, copings, parapets, trims, hatches, penetrations, curbs, roof-mounted equipment, etc. with a written report of findings and recommendations  373 Field/shop drawings, up to 10,000 sq ft  374 Field/shop drawings, 10,000-50,000 sq ft  375 Field/shop drawings, over 50,000 sq ft  376 Prime contractor's warranty, restoration, less than 10,000 per sq ft, minimum charge  377 Prime contractor's warranty, restoration, over 10,000 sq ft, minimum charge  378 Prime contractor's warranty, re-roof, total system, 10 year, less than 10,000 sq ft, minimum charge (Standard)  379 Prime contractor's warranty, re-roof, total system, 10 year, less than 10,000 sq ft, minimum charge (includes 2, 5, 7, 10, 15 year inspections)  380 10 year Restoration Warranty Under 10,000 Square Feet, Inspections in Years 2 & 5  381 10 year Restoration Warranty Over 10,000 Square Feet, Inspections in Years 2 & 5  382 Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft, minimum charge (Standard)  384 Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft, minimum charge (Standard)  385 Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft, minimum charge (Standard)  386 Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft, minimum charge (Standard)  387 Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft, minimum charge (Standard)  388 Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft, minimum charge (Standard)  389 Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft, minimum charge (Standard)	3/1		SF	\$	0.03
372   equipment, etc. with a written report of findings and recommendations   373   Field/shop drawings, up to 10,000 sq ft   SF   \$ 0.00			Dave	<b> </b>	004.03
373 Field/shop drawings, up to 10,000 sq ft  374 Field/shop drawings, 10,000-50,000 sq ft  375 Field/shop drawings, over 50,000 sq ft  376 Prime contractor's warranty, restoration, less than 10,000 per sq ft, minimum charge  377 Prime contractor's warranty, restoration, over 10,000 sq ft, minimum charge  378 Prime contractor's warranty, re-roof, total system, 10 year, less than 10,000 sq ft, minimum charge  379 Prime contractor's warranty, re-roof, total system, 10 year, less than 10,000 sq ft, minimum charge (Standard)  379 Prime contractor's warranty, re-roof, total system, 10 year, less than 10,000 sq ft, minimum charge (includes 2, 5, 7, 10, 15 year inspections)  380 10 year Restoration Warranty Under 10,000 Square Feet, Inspections in Years 2 & 5  381 10 year Restoration Warranty Over 10,000 Square Feet, Inspections in Years 2 & 5  Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft, minimum charge (Standard)  382 Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft, minimum charge (Standard)  384 Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft, minimum charge (Standard)  385 Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft, minimum charge (Standard)	272		рау	3	804.03
374   Field/shop drawings, 10,000-50,000 sq ft   SF   \$ 0.00     375   Field/shop drawings, over 50,000 sq ft   SF   \$ 0.00     376   Prime contractor's warranty, restoration, less than 10,000 per sq ft, minimum charge   Per Project   \$ 500.00     377   Prime contractor's warranty, restoration, over 10,000 sq ft, minimum charge   SF   \$ 0.00     378   Prime contractor's warranty, re-roof, total system, 10 year, less than 10,000 sq ft, minimum charge (Standard)   Per Project   \$ 1,000.00     379   Prime contractor's warranty, re-roof, total system, 10 year, less than 10,000 sq ft, minimum charge (includes 2, 5, 7, 10, 15 year inspections)   Per Project   \$ 1,500.00     380   10 year Restoration Warranty Under 10,000 Square Feet, Inspections in Years 2 & 5   EA   \$ 2,000.00     381   10 year Restoration Warranty Over 10,000 Square Feet, Inspections in Years 2 & 5   EA   \$ 0.20     382   Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft, minimum charge (Standard)   SF   \$ 0.15     383   Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft, minimum charge (Standard)   SF   \$ 0.15     384   Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft, minimum charge (Standard)   SF   \$ 0.15     385   Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft, minimum charge (Standard)   SF   \$ 0.15     386   Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft, minimum charge (Standard)   SF   \$ 0.15     387   Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft, minimum charge (Standard)   SF   \$ 0.15     388   Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft, minimum charge (ST   SF   SF   SF   SF   SF   SF   SF			CE	ф.	0.02
375 Field/shop drawings, over 50,000 sq ft 376 Prime contractor's warranty, restoration, less than 10,000 per sq ft, minimum charge Per Project \$ 500.00 cm. 377 Prime contractor's warranty, restoration, over 10,000 sq ft, minimum charge SF \$ 0.00 cm. 378 Prime contractor's warranty, re-roof, total system, 10 year, less than 10,000 sq ft, minimum charge (Standard)  Prime contractor's warranty, re-roof, total system, 10 year, less than 10,000 sq ft, minimum charge (includes 2, 5, 7, 10, 15 year inspections)  380 10 year Restoration Warranty Under 10,000 Square Feet, Inspections in Years 2 & 5 EA \$ 2,000.00 cm. 381 10 year Restoration Warranty Over 10,000 Square Feet, Inspections in Years 2 & 5 EA \$ 0.20 cm. 382 Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft, minimum charge (Standard)  Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft, minimum charge (Standard)  Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft, minimum charge (Standard)					
376 Prime contractor's warranty, restoration, less than 10,000 per sq ft, minimum charge  377 Prime contractor's warranty, restoration, over 10,000 sq ft, minimum charge  378 Prime contractor's warranty, re-roof, total system, 10 year, less than 10,000 sq ft, minimum charge (Standard)  379 Prime contractor's warranty, re-roof, total system, 10 year, less than 10,000 sq ft, minimum charge (Standard)  370 Prime contractor's warranty, re-roof, total system, 10 year, less than 10,000 sq ft, minimum charge (includes 2, 5, 7, 10, 15 year inspections)  380 10 year Restoration Warranty Under 10,000 Square Feet, Inspections in Years 2 & 5  381 10 year Restoration Warranty Over 10,000 Square Feet, Inspections in Years 2 & 5  Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft, minimum charge (Standard)  382 Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft, minimum charge (Standard)  384 Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft, minimum charge (Standard)					
377   Prime contractor's warranty, restoration, over 10,000 sq ft, minimum charge   SF   \$ 0.09					
Prime contractor's warranty, re-roof, total system, 10 year, less than 10,000 sq ft, minimum charge (Standard)  Prime contractor's warranty, re-roof, total system, 10 year, less than 10,000 sq ft, minimum charge (includes 2, 5, 7, 10, 15 year inspections)  380 10 year Restoration Warranty Under 10,000 Square Feet, Inspections in Years 2 & 5  381 10 year Restoration Warranty Over 10,000 Square Feet, Inspections in Years 2 & 5  Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft, minimum charge (Standard)  SF  SF  \$ 0.19					
378 minimum charge (Standard)   Per Project   \$ 1,000.00     Prime contractor's warranty, re-roof, total system, 10 year, less than 10,000 sq ft, minimum charge (includes 2, 5, 7, 10, 15 year inspections)   Per Project   \$ 1,500.00     380   10 year Restoration Warranty Under 10,000 Square Feet, Inspections in Years 2 & 5   EA   \$ 2,000.00     381   10 year Restoration Warranty Over 10,000 Square Feet, Inspections in Years 2 & 5   EA   \$ 0.20     382   Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft, minimum charge (Standard)   SF   \$ 0.19     383   Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft, minimum charge (Standard)   \$ 0.19     384   Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft, minimum charge (Standard)   \$ 0.19     385   Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft, minimum charge (Standard)   \$ 0.19     386   Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft, minimum charge (Standard)   \$ 0.19     387   Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft, minimum charge (Standard)   \$ 0.19     58   Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft, minimum charge (Standard)   \$ 0.19     59   Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft, minimum charge (Standard)   \$ 0.19     50   Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft, minimum charge (Standard)   \$ 0.19     50   Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft, minimum charge (Standard)   \$ 0.19     50   Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft, minimum charge (Standard)   \$ 0.19     50   Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft, minimum charge (Standard)   \$ 0.19     50   Prime contractor's warranty,					
379 minimum charge (includes 2, 5, 7, 10, 15 year inspections)   380   10 year Restoration Warranty Under 10,000 Square Feet, Inspections in Years 2 & 5   EA   \$ 2,000.00	378	minimum charge (Standard)	Per Project	\$	1,000.00
380 10 year Restoration Warranty Under 10,000 Square Feet, Inspections in Years 2 & 5  BA \$ 2,000.00  381 10 year Restoration Warranty Over 10,000 Square Feet, Inspections in Years 2 & 5  Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft, minimum charge (Standard)  SF \$ 0.19	270		Per Project	\$	1,500.00
381 10 year Restoration Warranty Over 10,000 Square Feet, Inspections in Years 2 & 5  Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft, minimum charge (Standard)  SF  \$ 0.20			ГΛ	1	2 000 00
Prime contractor's warranty, re-roof, total system, 10 year, more than 10,000 sq ft,  minimum charge (Standard)  SF  \$ 0.1!					
382 minimum charge (Standard)  Sr \$ 0.15	301		EA	φ	0.20
Drime contractor's warranty, re-roof total system 10 year more than 10 000 sq ft	382		SF	\$	0.15
383 minimum charge (includes 2, 5, 7, 10, 15 year inspections)	202	Prime contractor's warranty, re-roof, total system, 10 year,more than 10,000 sq ft,	SF	\$	0.15

384	Per diem rate per worker per 24 hour period of time	Per Day	\$	56.95
385	Prime contractors per diem/costs for asbestos abatement planning	Day	\$	28.99
386	Asbestos abatement activities, BUR removal and disposal of waste	SF	\$	1.64
	Project site is located 65 or more miles from the contractor's/subcontractor's yard/home			
387	location	SF	\$	0.83
388		D	\$	352.26
	Asbestos site monitoring	Day	<b>3</b>	352.20
389	Annual or semi-annual roof housekeeping-per location			
	Cost once a year per location if less than 20,000 sq. ft.	SF	\$	0.08
391	Cost per Sq.ft. per year per location if greater than 20,000 sq.ft.	SF	\$	0.08
392	Cost semi-annual per location if less than 20,000sq. ft	SF	\$	0.15
	Cost per Sq.ft. semi annual per location if greater than 20,000 sq.ft.	SF	\$	0.15
394	Roof leak investigation	Day	\$	422.63
205	Nooi leak investigation			
	Minor roof repair calls	Day	\$	886.29
396	Difficult access or fall restriction; surcharge	Each		15.00%
	Excessive hauling	Each	\$	91.33
398	Work in secured areas or compounds; surcharge	Each		15.00%
399	Additional and occasional supplies, materials, equipment and services			
400	Additional and occasional services Roofing supplies Discount off Retail Price List	% of Discount		13.40%
100		70 OI DISCOUIIL		13.4070
404	HVAC: Alternative Methods of Costing -percent of overhead/markup and profit added to	% of O/P		20.00%
401	cost			
	HVAC: Discounts Offered Off Alternative CostingMethods (cost plus profit and overhead)	% of discount		6.0004
402	Less Rate of Discount	70 OI UISCOUIIT		6.00%
	HVAC: Multiplier/factor to be applied to the R.S. Means costs.	% to be applied		92%
404	Cold and bad weather storage - identify extra cost, if any	Day	\$	0.01
405		Бау	J.	0.01
	Deducts and add-ons for in lieu products			
406	Polyurethane foam roofing, first inch (Deduct Line 106)	SF	\$	(0.13)
407	Additional polyurethane foam, per inch (Deduct Line 107)	SF	\$	(0.31)
408	Acrylic/elastomeric, UL listed, Class A, 15 DFT	SF	\$	2.04
	Cementitious rock coating (add)	SF	\$	2.80
	Add acrylic plus rock (add)	SF		2.66
			\$	
411	Shingles, fiberglass, Class A, 25-year strip shingles (add)	SF	\$	(80.0)
412	Install one layer 15lb felt (add)	SF	\$	0.35
	Single ply repairs using 2 coat polyurethane, elastomeric coating system (Deduct Line	CD.	_	(0.12)
413	123)	SF	\$	(0.13)
	Single ply repairs at laps or defects using 2 coats elastomeric coating system with			
414	reinforcement (Deduct Line 124)	SF	\$	(0.19)
415	Value Add			
416	Route existing cracks in concrete or masonry	LF	\$	0.85
417	Prepare concrete by Shot blasting	SF	\$	0.25
418	Vertical application of water dispersed VOC compliant silane sealer			0.23
	i vertical application of water dispersed vol. compliant shahe sealer	SF		
		SF SF	\$	0.50
419	Horizontal application of water dispersed VOC compliant silane sealer	SF	\$ \$	0.50 0.60
	Horizontal application of water dispersed VOC compliant silane sealer Roof Cleaning System		\$	0.50
419	Horizontal application of water dispersed VOC compliant silane sealer Roof Cleaning System Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39, applied Type IV (or	SF	\$ \$	0.50 0.60
419	Horizontal application of water dispersed VOC compliant silane sealer Roof Cleaning System Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39, applied Type IV (or appropriate) asphalt	SF	\$ \$	0.50 0.60
419	Horizontal application of water dispersed VOC compliant silane sealer Roof Cleaning System Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39, applied Type IV (or	SF SF	\$ \$ \$	0.50 0.60 0.44
419	Horizontal application of water dispersed VOC compliant silane sealer Roof Cleaning System Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39, applied Type IV (or appropriate) asphalt	SF	\$ \$	0.50 0.60
419 420 421 422	Horizontal application of water dispersed VOC compliant silane sealer  Roof Cleaning System  Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39, applied Type IV (or appropriate) asphalt  Cold applications: adhere insulation to primed deck or sub-insulation with a cold adhesive at a rate of 1.5 gallons per 100 square feet.	SF SF	\$ \$ \$	0.50 0.60 0.44
419 420 421 422 423	Horizontal application of water dispersed VOC compliant silane sealer  Roof Cleaning System  Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39, applied Type IV (or appropriate) asphalt  Cold applications: adhere insulation to primed deck or sub-insulation with a cold adhesive at a rate of 1.5 gallons per 100 square feet.  Installation of new Polyisocyanurate insulation	SF SF SF	\$ \$ \$	0.50 0.60 0.44
419 420 421 422 423 424	Horizontal application of water dispersed VOC compliant silane sealer  Roof Cleaning System  Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39, applied Type IV (or appropriate) asphalt  Cold applications: adhere insulation to primed deck or sub-insulation with a cold adhesive at a rate of 1.5 gallons per 100 square feet.  Installation of new Polyisocyanurate insulation  Mechanically attached	SF SF SF	\$ \$ \$ \$	0.50 0.60 0.44 1.29
419 420 421 422 423 424 425	Horizontal application of water dispersed VOC compliant silane sealer  Roof Cleaning System  Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39, applied Type IV (or appropriate) asphalt  Cold applications: adhere insulation to primed deck or sub-insulation with a cold adhesive at a rate of 1.5 gallons per 100 square feet.  Installation of new Polyisocyanurate insulation  Mechanically attached  Hot adhered	SF SF SF BF	\$ \$ \$ \$ \$	0.50 0.60 0.44 1.29 1.53 1.34
419 420 421 422 423 424 425 426	Horizontal application of water dispersed VOC compliant silane sealer  Roof Cleaning System  Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39, applied Type IV (or appropriate) asphalt  Cold applications: adhere insulation to primed deck or sub-insulation with a cold adhesive at a rate of 1.5 gallons per 100 square feet.  Installation of new Polyisocyanurate insulation  Mechanically attached  Hot adhered  Cold adhered	SF SF SF BF BF	\$ \$ \$ \$ \$ \$ \$	0.50 0.60 0.44 1.29 1.53 1.34 2.04
419 420 421 422 423 424 425 426 427	Horizontal application of water dispersed VOC compliant silane sealer  Roof Cleaning System  Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39, applied Type IV (or appropriate) asphalt  Cold applications: adhere insulation to primed deck or sub-insulation with a cold adhesive at a rate of 1.5 gallons per 100 square feet.  Installation of new Polyisocyanurate insulation  Mechanically attached  Hot adhered  Cold adhered  Ridge Vents	SF SF SF BF	\$ \$ \$ \$ \$	0.50 0.60 0.44 1.29 1.53 1.34
419 420 421 422 423 424 425 426 427	Horizontal application of water dispersed VOC compliant silane sealer  Roof Cleaning System  Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39, applied Type IV (or appropriate) asphalt  Cold applications: adhere insulation to primed deck or sub-insulation with a cold adhesive at a rate of 1.5 gallons per 100 square feet.  Installation of new Polyisocyanurate insulation  Mechanically attached  Hot adhered  Cold adhered  Ridge Vents	SF SF SF BF BF LF	\$ \$ \$ \$ \$ \$ \$ \$	0.50 0.60 0.44 1.29 1.53 1.34 2.04
419 420 421 422 423 424 425 426 427	Horizontal application of water dispersed VOC compliant silane sealer  Roof Cleaning System  Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39, applied Type IV (or appropriate) asphalt  Cold applications: adhere insulation to primed deck or sub-insulation with a cold adhesive at a rate of 1.5 gallons per 100 square feet.  Installation of new Polyisocyanurate insulation  Mechanically attached  Hot adhered  Cold adhered  Ridge Vents  Synthetic Underlayment	SF SF SF BF BF LF SF	\$ \$ \$ \$ \$ \$ \$ \$ \$	1.29 1.53 1.34 2.04 6.48 0.53
419 420 421 422 423 424 425 426 427 428	Horizontal application of water dispersed VOC compliant silane sealer  Roof Cleaning System  Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39, applied Type IV (or appropriate) asphalt  Cold applications: adhere insulation to primed deck or sub-insulation with a cold adhesive at a rate of 1.5 gallons per 100 square feet.  Installation of new Polyisocyanurate insulation  Mechanically attached  Hot adhered  Cold adhered  Ridge Vents  Synthetic Underlayment  Shingles, Fiberglass, Class A 40-Year Premium Laminated Multilayered Shingles, Slope	SF SF SF BF BF LF	\$ \$ \$ \$ \$ \$ \$ \$	1.29 1.53 1.34 2.04 6.48
419 420 421 422 423 424 425 426 427	Horizontal application of water dispersed VOC compliant silane sealer  Roof Cleaning System  Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39, applied Type IV (or appropriate) asphalt  Cold applications: adhere insulation to primed deck or sub-insulation with a cold adhesive at a rate of 1.5 gallons per 100 square feet.  Installation of new Polyisocyanurate insulation  Mechanically attached  Hot adhered  Cold adhered  Ridge Vents  Synthetic Underlayment  Shingles, Fiberglass, Class A 40-Year Premium Laminated Multilayered Shingles, Slope 3:12 or Greater	SF SF SF BF BF LF SF	\$ \$ \$ \$ \$ \$ \$ \$ \$	1.29 1.53 1.34 2.04 6.48 0.53
419 420 421 422 423 424 425 426 427 428	Horizontal application of water dispersed VOC compliant silane sealer Roof Cleaning System Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39, applied Type IV (or appropriate) asphalt Cold applications: adhere insulation to primed deck or sub-insulation with a cold adhesive at a rate of 1.5 gallons per 100 square feet.  Installation of new Polyisocyanurate insulation Mechanically attached Hot adhered Cold adhered Ridge Vents Synthetic Underlayment Shingles, Fiberglass, Class A 40-Year Premium Laminated Multilayered Shingles, Slope 3:12 or Greater Shingles, Fiberglass, Class A 50-Year Premium Laminated Multilayered Shingles, Slope	SF SF SF BF BF LF SF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1.29 1.53 1.34 2.04 6.48 0.53 2.43
419 420 421 422 423 424 425 426 427 428 429	Horizontal application of water dispersed VOC compliant silane sealer Roof Cleaning System Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39, applied Type IV (or appropriate) asphalt Cold applications: adhere insulation to primed deck or sub-insulation with a cold adhesive at a rate of 1.5 gallons per 100 square feet.  Installation of new Polyisocyanurate insulation Mechanically attached Hot adhered Cold adhered Ridge Vents Synthetic Underlayment Shingles, Fiberglass, Class A 40-Year Premium Laminated Multilayered Shingles, Slope 3:12 or Greater Shingles, Fiberglass, Class A 50-Year Premium Laminated Multilayered Shingles, Slope 3:12 or Greater	SF SF SF SF SF SF SF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1.29 1.53 1.34 2.04 6.48 0.53 2.43
419 420 421 422 423 424 425 426 427 428 429	Horizontal application of water dispersed VOC compliant silane sealer Roof Cleaning System Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39, applied Type IV (or appropriate) asphalt Cold applications: adhere insulation to primed deck or sub-insulation with a cold adhesive at a rate of 1.5 gallons per 100 square feet.  Installation of new Polyisocyanurate insulation Mechanically attached Hot adhered Cold adhered Ridge Vents Synthetic Underlayment Shingles, Fiberglass, Class A 40-Year Premium Laminated Multilayered Shingles, Slope 3:12 or Greater Shingles, Fiberglass, Class A 50-Year Premium Laminated Multilayered Shingles, Slope 3:12 or Greater Install layer of 30 lb. Felt	SF SF SF BF BF LF SF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1.29 1.53 1.34 2.04 6.48 0.53 2.43
419 420 421 422 423 424 425 426 427 428 429	Horizontal application of water dispersed VOC compliant silane sealer Roof Cleaning System Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39, applied Type IV (or appropriate) asphalt Cold applications: adhere insulation to primed deck or sub-insulation with a cold adhesive at a rate of 1.5 gallons per 100 square feet.  Installation of new Polyisocyanurate insulation Mechanically attached Hot adhered Cold adhered Ridge Vents Synthetic Underlayment Shingles, Fiberglass, Class A 40-Year Premium Laminated Multilayered Shingles, Slope 3:12 or Greater Shingles, Fiberglass, Class A 50-Year Premium Laminated Multilayered Shingles, Slope 3:12 or Greater Install layer of 30 lb. Felt	SF SF SF SF SF SF SF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1.29 1.53 1.34 2.04 6.48 0.53 2.43
419 420 421 422 423 424 425 426 427 428 429 430 431 432	Horizontal application of water dispersed VOC compliant silane sealer Roof Cleaning System Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39, applied Type IV (or appropriate) asphalt Cold applications: adhere insulation to primed deck or sub-insulation with a cold adhesive at a rate of 1.5 gallons per 100 square feet.  Installation of new Polyisocyanurate insulation Mechanically attached Hot adhered Cold adhered Ridge Vents Synthetic Underlayment Shingles, Fiberglass, Class A 40-Year Premium Laminated Multilayered Shingles, Slope 3:12 or Greater Shingles, Fiberglass, Class A 50-Year Premium Laminated Multilayered Shingles, Slope 3:12 or Greater Install layer of 30 lb. Felt TPO 60 mil system installation	SF SF SF SF SF SF SF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1.29 1.53 1.34 2.04 6.48 0.53 2.43 2.88
419 420 421 422 423 424 425 426 427 428 429 430 431 432 433	Horizontal application of water dispersed VOC compliant silane sealer Roof Cleaning System Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39, applied Type IV (or appropriate) asphalt Cold applications: adhere insulation to primed deck or sub-insulation with a cold adhesive at a rate of 1.5 gallons per 100 square feet.  Installation of new Polyisocyanurate insulation Mechanically attached Hot adhered Cold adhered Ridge Vents Synthetic Underlayment Shingles, Fiberglass, Class A 40-Year Premium Laminated Multilayered Shingles, Slope 3:12 or Greater Shingles, Fiberglass, Class A 50-Year Premium Laminated Multilayered Shingles, Slope 3:12 or Greater Install layer of 30 lb. Felt TPO 60 mil system installation Bonding adhesive	SF SF SF SF SF SF SF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1.29 1.53 1.34 2.04 6.48 0.53 2.43 2.88 0.41
419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434	Horizontal application of water dispersed VOC compliant silane sealer Roof Cleaning System Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39, applied Type IV (or appropriate) asphalt Cold applications: adhere insulation to primed deck or sub-insulation with a cold adhesive at a rate of 1.5 gallons per 100 square feet.  Installation of new Polyisocyanurate insulation Mechanically attached Hot adhered Cold adhered Ridge Vents Synthetic Underlayment Shingles, Fiberglass, Class A 40-Year Premium Laminated Multilayered Shingles, Slope 3:12 or Greater Shingles, Fiberglass, Class A 50-Year Premium Laminated Multilayered Shingles, Slope 3:12 or Greater Install layer of 30 lb. Felt TPO 60 mil system installation Bonding adhesive Mechanically attached	SF SF SF SF SF SF SF SF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1.29 1.53 1.34 2.04 6.48 0.53 2.43 2.88 0.41 4.69 3.94
419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435	Horizontal application of water dispersed VOC compliant silane sealer Roof Cleaning System Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39, applied Type IV (or appropriate) asphalt Cold applications: adhere insulation to primed deck or sub-insulation with a cold adhesive at a rate of 1.5 gallons per 100 square feet.  Installation of new Polyisocyanurate insulation Mechanically attached Hot adhered Cold adhered Ridge Vents Synthetic Underlayment Shingles, Fiberglass, Class A 40-Year Premium Laminated Multilayered Shingles, Slope 3:12 or Greater Shingles, Fiberglass, Class A 50-Year Premium Laminated Multilayered Shingles, Slope 3:12 or Greater Install layer of 30 lb. Felt TPO 60 mil system installation Bonding adhesive Mechanically attached Wet Vacuum loose aggregate from roof membrane	SF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1.29 1.53 1.34 2.04 6.48 0.53 2.43 2.88 0.41 4.69 3.94 0.60
419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436	Horizontal application of water dispersed VOC compliant silane sealer Roof Cleaning System Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39, applied Type IV (or appropriate) asphalt Cold applications: adhere insulation to primed deck or sub-insulation with a cold adhesive at a rate of 1.5 gallons per 100 square feet.  Installation of new Polyisocyanurate insulation Mechanically attached Hot adhered Cold adhered Ridge Vents Synthetic Underlayment Shingles, Fiberglass, Class A 40-Year Premium Laminated Multilayered Shingles, Slope 3:12 or Greater Shingles, Fiberglass, Class A 50-Year Premium Laminated Multilayered Shingles, Slope 3:12 or Greater Install layer of 30 lb. Felt TPO 60 mil system installation Bonding adhesive Mechanically attached Wet Vacuum loose aggregate from roof membrane Sweep loose aggregate, debris from Substrate	SF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1.29 1.53 1.34 2.04 6.48 0.53 2.43 2.88 0.41 4.69 3.94
419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436	Horizontal application of water dispersed VOC compliant silane sealer Roof Cleaning System Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39, applied Type IV (or appropriate) asphalt Cold applications: adhere insulation to primed deck or sub-insulation with a cold adhesive at a rate of 1.5 gallons per 100 square feet.  Installation of new Polyisocyanurate insulation Mechanically attached Hot adhered Cold adhered Ridge Vents Synthetic Underlayment Shingles, Fiberglass, Class A 40-Year Premium Laminated Multilayered Shingles, Slope 3:12 or Greater Shingles, Fiberglass, Class A 50-Year Premium Laminated Multilayered Shingles, Slope 3:12 or Greater Install layer of 30 lb. Felt TPO 60 mil system installation Bonding adhesive Mechanically attached Wet Vacuum loose aggregate from roof membrane	SF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1.29 1.53 1.34 2.04 6.48 0.53 2.43 2.88 0.41 4.69 3.94 0.60
419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436	Horizontal application of water dispersed VOC compliant silane sealer Roof Cleaning System Roof deck insulation, fiberboard in 4' x 4' sheets, 1/2" thick, R-1.39, applied Type IV (or appropriate) asphalt Cold applications: adhere insulation to primed deck or sub-insulation with a cold adhesive at a rate of 1.5 gallons per 100 square feet.  Installation of new Polyisocyanurate insulation Mechanically attached Hot adhered Cold adhered Ridge Vents Synthetic Underlayment Shingles, Fiberglass, Class A 40-Year Premium Laminated Multilayered Shingles, Slope 3:12 or Greater Shingles, Fiberglass, Class A 50-Year Premium Laminated Multilayered Shingles, Slope 3:12 or Greater Install layer of 30 lb. Felt TPO 60 mil system installation Bonding adhesive Mechanically attached Wet Vacuum loose aggregate from roof membrane Sweep loose aggregate, debris from Substrate Prime Substrate	SF	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	0.50 0.60 0.44 1.29 1.53 1.34 2.04 6.48 0.53 2.43 2.88 0.41 4.69 3.94 0.60 0.46

Built Up Roof Surface w/ Cold Process White Highly Reflective Adhesive and White  Marble Gravel  Two component, high performance, one part moisture triggered, polyurethane coating system with reinforcement  SF  Two part, bio-based, polyurethane roof coating system  Two part, bio-based, polyurethane roof coating system, non-reinforced  Two-part UV Resistant, Polyurethane Modified Methyl Methacrylate Roof Coating System  SF  Two-part UV Resistant, Polyurethane Modified Methyl Methacrylate Roof Coating System  SF  SF  SF  SF  SF  SF  SF  SF  SF  S	20.00% 6.30 12.88 10.16 8.90 11.56 7.41 4.03 32.68 105.00 15% 20% 25% 30% 1,032.34
Two component, high performance, one part moisture triggered, polyurethane coating system with reinforcement  442 Two part, bio-based, polyurethane roof coating system  443 Two part, bio-based, polyurethane roof coating system, non-reinforced  5F \$  Two-part UV Resistant, Polyurethane Modified Methyl Methacrylate Roof Coating System  5F \$  Two-part UV Resistant, Polyurethane Modified Methyl Methacrylate Roof Coating System  5F \$  445 Metal Restoration with Acrylic Coating  446 Metal Restoration with Aluminum Coating  5F \$  447 Brick, Remove and install new standard brick  448 Structural Analysis/engineering services  449 Multiplication factor for roofs Greater Than 10,000 And Under 20,000 Square Feet  450 Multiplication factor for roofs Greater Than 5,000 And Under 7,000 Square Feet  451 Multiplication factor for roofs Greater Than 3,000 And Under 5,000 Square Feet  452 Multiplier for roofs less than 1,000 square feet  453 Emergency Leak Repair per 1/2 Man Day  454 10 year Restoration Warranty Under 10,000 Square Feet, Standard  455 10 year Restoration Warranty Under 10,000 Square Feet, Standard  456 12 Year Restoration Warranty Under 10,000 Square Feet, Standard  457 12 Year Restoration Warranty Under 10,000 Square Feet, Standard  458 12 Year Restoration Warranty Under 10,000 Square Feet, Standard  459 12 Year Restoration Warranty Under 10,000 Square Feet, Standard  450 12 Year Restoration Warranty Under 10,000 Square Feet, Standard  451 12 Year Restoration Warranty Under 10,000 Square Feet, Standard  452 Year Restoration Warranty Under 10,000 Square Feet, Standard  453 Year Restoration Warranty Under 10,000 Square Feet, Standard  455 12 Year Restoration Warranty Under 10,000 Square Feet, Standard  456 12 Year Restoration Warranty Under 10,000 Square Feet, Standard  457 12 Year Restoration Warranty Under 10,000 Square Feet, Standard	12.88 10.16 8.90 11.56 7.41 4.03 32.68 105.00 15% 20% 25% 30%
Two component, high performance, one part moisture triggered, polyurethane coating system with reinforcement  442 Two part, bio-based, polyurethane roof coating system  443 Two part, bio-based, polyurethane roof coating system, non-reinforced  5F \$  Two-part UV Resistant, Polyurethane Modified Methyl Methacrylate Roof Coating System  SF \$  445 Metal Restoration with Acrylic Coating  446 Metal Restoration with Aluminum Coating  5F \$  447 Brick, Remove and install new standard brick  448 Structural Analysis/engineering services  449 Multiplication factor for roofs Greater Than 10,000 And Under 20,000 Square Feet  450 Multiplication factor for roofs Greater Than 5,000 And Under 7,000 Square Feet  451 Multiplication factor for roofs Greater Than 3,000 And Under 5,000 Square Feet  452 Multiplier for roofs less than 1,000 square feet  453 Emergency Leak Repair per 1/2 Man Day  454 10 year Restoration Warranty Under 10,000 Square Feet, Standard  455 10 year Restoration Warranty Under 10,000 Square Feet, Standard  456 12 Year Restoration Warranty Under 10,000 Square Feet, Standard  457 12 Year Restoration Warranty Under 10,000 Square Feet, Standard  557 \$  \$ \$  \$ \$  \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	10.16 8.90 11.56 7.41 4.03 32.68 105.00 15% 20% 25% 30%
441system with reinforcementSF\$442Two part, bio-based, polyurethane roof coating systemSF\$443Two part, bio-based, polyurethane roof coating system, non-reinforcedSF\$444Two-part UV Resistant, Polyurethane Modified Methyl Methacrylate Roof Coating SystemSF\$445Metal Restoration with Acrylic CoatingSF\$446Metal Restoration with Aluminum CoatingSF\$447Brick, Remove and install new standard brickEA\$448Structural Analysis/engineering servicesPer Hour\$449Multiplication factor for roofs Greater Than 10,000 And Under 20,000 Square Feet%450Multiplication factor for roofs Greater Than 5,000 And Under 7,000 Square Feet%451Multiplication factor for roofs Greater Than 3,000 And Under 5,000 Square Feet%452Multiplication factor for roofs less than 1,000 square feet%453Emergency Leak Repair per 1/2 Man DayEA\$45410 year Restoration Warranty Under 10,000 Square Feet, StandardEA\$45510 year Restoration Warranty Under 10,000 Square Feet, StandardEA\$45612 Year Restoration Warranty Under 10,000 Square Feet, StandardEA\$45712 Year Restoration Warranty Under 10,000 Square Feet, StandardEA\$45712 Year Restoration Warranty Under 10,000 Square Feet, StandardEA\$	10.16 8.90 11.56 7.41 4.03 32.68 105.00 15% 20% 25% 30%
Two part, bio-based, polyurethane roof coating system, non-reinforced  444 Two-part UV Resistant, Polyurethane Modified Methyl Methacrylate Roof Coating System  SF  445 Metal Restoration with Acrylic Coating  446 Metal Restoration with Aluminum Coating  SF  447 Brick, Remove and install new standard brick  448 Structural Analysis/engineering services  449 Multiplication factor for roofs Greater Than 10,000 And Under 20,000 Square Feet  450 Multiplication factor for roofs Greater Than 5,000 And Under 7,000 Square Feet  451 Multiplication factor for roofs Greater Than 3,000 And Under 5,000 Square Feet  452 Multiplier for roofs less than 1,000 square feet  453 Emergency Leak Repair per 1/2 Man Day  EA  454 10 year Restoration Warranty Under 10,000 Square Feet, Standard  EA  \$ 455 10 year Restoration Warranty Under 10,000 Square Feet, Standard  EA  \$ 456 12 Year Restoration Warranty Under 10,000 Square Feet, Standard  EA  \$ 5  \$ 5  \$ 5  \$  \$  \$  \$  \$  \$  \$  \$	8.90 11.56 7.41 4.03 32.68 105.00 15% 20% 25% 30%
Two-part UV Resistant, Polyurethane Modified Methyl Methacrylate Roof Coating System  SF \$  445 Metal Restoration with Acrylic Coating  SF \$  446 Metal Restoration with Aluminum Coating  SF \$  447 Brick, Remove and install new standard brick  EA \$  448 Structural Analysis/engineering services  Per Hour \$  449 Multiplication factor for roofs Greater Than 10,000 And Under 20,000 Square Feet  450 Multiplication factor for roofs Greater Than 5,000 And Under 7,000 Square Feet  451 Multiplication factor for roofs Greater Than 3,000 And Under 5,000 Square Feet  452 Multiplier for roofs less than 1,000 square feet  453 Emergency Leak Repair per 1/2 Man Day  EA \$  454 10 year Restoration Warranty Under 10,000 Square Feet, Standard  EA \$  455 12 Year Restoration Warranty Under 10,000 Square Feet, Standard  EA \$  457 12 Year Restoration Warranty Under 10,000 Square Feet, Standard  SF \$  SE \$  SF \$  \$  \$  \$  \$  \$  \$  \$  \$  \$  \$  \$  \$	7.41 4.03 32.68 105.00 15% 20% 25% 30%
445 Metal Restoration with Acrylic Coating 446 Metal Restoration with Aluminum Coating 447 Brick, Remove and install new standard brick 448 Structural Analysis/engineering services 449 Multiplication factor for roofs Greater Than 10,000 And Under 20,000 Square Feet 450 Multiplication factor for roofs Greater Than 5,000 And Under 7,000 Square Feet 451 Multiplication factor for roofs Greater Than 3,000 And Under 5,000 Square Feet 452 Multiplier for roofs less than 1,000 square feet 453 Emergency Leak Repair per 1/2 Man Day 454 10 year Restoration Warranty Under 10,000 Square Feet, Standard 455 10 year Restoration Warranty Under 10,000 Square Feet, Standard 456 12 Year Restoration Warranty Under 10,000 Square Feet, Standard 457 12 Year Restoration Warranty Under 10,000 Square Feet, Standard 55 \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	7.41 4.03 32.68 105.00 15% 20% 25% 30%
446 Metal Restoration with Aluminum Coating  447 Brick, Remove and install new standard brick  448 Structural Analysis/engineering services  449 Multiplication factor for roofs Greater Than 10,000 And Under 20,000 Square Feet  450 Multiplication factor for roofs Greater Than 5,000 And Under 7,000 Square Feet  451 Multiplication factor for roofs Greater Than 3,000 And Under 5,000 Square Feet  452 Multiplier for roofs less than 1,000 square feet  453 Emergency Leak Repair per 1/2 Man Day  454 10 year Restoration Warranty Under 10,000 Square Feet, Standard  455 10 year Restoration Warranty Under 10,000 Square Feet, Standard  456 12 Year Restoration Warranty Under 10,000 Square Feet, Standard  457 12 Year Restoration Warranty Under 10,000 Square Feet, Standard  458 \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$ \$\$  \$\$  \$\$ \$\$  \$\$  \$\$  \$\$ \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$  \$\$	4.03 32.68 105.00 15% 20% 25% 30%
447 Brick, Remove and install new standard brick  448 Structural Analysis/engineering services  449 Multiplication factor for roofs Greater Than 10,000 And Under 20,000 Square Feet  450 Multiplication factor for roofs Greater Than 5,000 And Under 7,000 Square Feet  451 Multiplication factor for roofs Greater Than 3,000 And Under 5,000 Square Feet  452 Multiplier for roofs less than 1,000 square feet  453 Emergency Leak Repair per 1/2 Man Day  454 10 year Restoration Warranty Under 10,000 Square Feet, Standard  455 10 year Restoration Warranty Under 10,000 Square Feet, Standard  456 12 Year Restoration Warranty Under 10,000 Square Feet, Standard  457 12 Year Restoration Warranty Under 10,000 Square Feet, Standard  458 \$\$  \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	32.68 105.00 15% 20% 25% 30%
448 Structural Analysis/engineering services  449 Multiplication factor for roofs Greater Than 10,000 And Under 20,000 Square Feet  450 Multiplication factor for roofs Greater Than 5,000 And Under 7,000 Square Feet  451 Multiplication factor for roofs Greater Than 3,000 And Under 5,000 Square Feet  452 Multiplier for roofs less than 1,000 square feet  453 Emergency Leak Repair per 1/2 Man Day  454 10 year Restoration Warranty Under 10,000 Square Feet, Standard  455 10 year Restoration Warranty Over 10,000 Square Feet, Standard  456 12 Year Restoration Warranty Under 10,000 Square Feet, Standard  457 12 Year Restoration Warranty Under 10,000 Square Feet, Standard  458 \$\$  \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$ \$\$	105.00 15% 20% 25% 30%
449 Multiplication factor for roofs Greater Than 10,000 And Under 20,000 Square Feet  450 Multiplication factor for roofs Greater Than 5,000 And Under 7,000 Square Feet  451 Multiplication factor for roofs Greater Than 3,000 And Under 5,000 Square Feet  452 Multiplier for roofs less than 1,000 square feet  453 Emergency Leak Repair per 1/2 Man Day  EA  454 10 year Restoration Warranty Under 10,000 Square Feet, Standard  455 10 year Restoration Warranty Over 10,000 Square Feet, Standard  456 12 Year Restoration Warranty Under 10,000 Square Feet, Standard  457 12 Year Restoration Warranty Over 10,000 Square Feet, Standard  13 Year Restoration Warranty Under 10,000 Square Feet, Inspections In Years 2, 5, 8, 10  EA  \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	15% 20% 25% 30%
449Multiplication factor for roofs Greater Than 10,000 And Under 20,000 Square Feet%450Multiplication factor for roofs Greater Than 5,000 And Under 7,000 Square Feet%451Multiplication factor for roofs Greater Than 3,000 And Under 5,000 Square Feet%452Multiplier for roofs less than 1,000 square feet%453Emergency Leak Repair per 1/2 Man DayEA\$45410 year Restoration Warranty Under 10,000 Square Feet, StandardEA\$45510 year Restoration Warranty Over 10,000 Square Feet, StandardEA\$45612 Year Restoration Warranty Under 10,000 Square Feet, StandardEA\$45712 Year Restoration Warranty Over 10,000 Square Feet, StandardSF\$	15% 20% 25% 30%
450Multiplication factor for roofs Greater Than 5,000 And Under 7,000 Square Feet%451Multiplication factor for roofs Greater Than 3,000 And Under 5,000 Square Feet%452Multiplier for roofs less than 1,000 square feet%453Emergency Leak Repair per 1/2 Man DayEA\$45410 year Restoration Warranty Under 10,000 Square Feet, StandardEA\$45510 year Restoration Warranty Over 10,000 Square Feet, StandardEA\$45612 Year Restoration Warranty Under 10,000 Square Feet, StandardEA\$45712 Year Restoration Warranty Over 10,000 Square Feet, StandardSF\$	25% 30%
451 Multiplication factor for roofs Greater Than 3,000 And Under 5,000 Square Feet  452 Multiplier for roofs less than 1,000 square feet  453 Emergency Leak Repair per 1/2 Man Day  454 10 year Restoration Warranty Under 10,000 Square Feet, Standard  455 10 year Restoration Warranty Over 10,000 Square Feet, Standard  456 12 Year Restoration Warranty Under 10,000 Square Feet, Standard  457 12 Year Restoration Warranty Over 10,000 Square Feet, Standard  458 SF \$	25% 30%
452       Multiplier for roofs less than 1,000 square feet       %         453       Emergency Leak Repair per 1/2 Man Day       EA       \$         454       10 year Restoration Warranty Under 10,000 Square Feet, Standard       EA       \$         455       10 year Restoration Warranty Over 10,000 Square Feet, Standard       EA       \$         456       12 Year Restoration Warranty Under 10,000 Square Feet, Standard       EA       \$         457       12 Year Restoration Warranty Under 10,000 Square Feet, Standard       SF       \$	30%
453 Emergency Leak Repair per 1/2 Man Day  454 10 year Restoration Warranty Under 10,000 Square Feet, Standard  455 10 year Restoration Warranty Over 10,000 Square Feet, Standard  456 12 Year Restoration Warranty Under 10,000 Square Feet, Standard  457 12 Year Restoration Warranty Over 10,000 Square Feet, Standard  13 Year Restoration Warranty Under 10,000 Square Feet, Inspections In Years 2, 5, 8, 10  14 Year Restoration Warranty Under 10,000 Square Feet, Inspections In Years 2, 5, 8, 10  458 \$\$\$\$	
454 10 year Restoration Warranty Under 10,000 Square Feet, Standard  455 10 year Restoration Warranty Over 10,000 Square Feet, Standard  456 12 Year Restoration Warranty Under 10,000 Square Feet, Standard  457 12 Year Restoration Warranty Over 10,000 Square Feet, Standard  55 \$	
455 10 year Restoration Warranty Over 10,000 Square Feet, Standard  456 12 Year Restoration Warranty Under 10,000 Square Feet, Standard  457 12 Year Restoration Warranty Over 10,000 Square Feet, Standard  13 Year Restoration Warranty Under 10,000 Square Feet, Inspections In Years 2, 5, 8, 10  14 Year Restoration Warranty Under 10,000 Square Feet, Inspections In Years 2, 5, 8, 10  458 459 459 459 459 459 459 459 459 459 459	800.00
456 12 Year Restoration Warranty Under 10,000 Square Feet, Standard  457 12 Year Restoration Warranty Over 10,000 Square Feet, Standard  13 Year Restoration Warranty Under 10,000 Square Feet, Inspections In Years 2, 5, 8, 10  FA \$	0.08
457 12 Year Restoration Warranty Over 10,000 Square Feet, Standard SF \$	1,000.00
12 Vear Posteration Warranty Under 10 000 Square Feet Inspections In Vears 2 5 8 10 EA	0.10
458 12 Year Restoration Warranty Under 10,000 Square Feet, Inspections In Years 2, 5 & 10 EA	
	2,400.00
459 12 Year Restoration Warranty Over 10,000 Square Feet Inspections In Years 2, 5 & 10 SF \$	0.24
15 year Restoration Warranty Under 10,000 Square Feet, Inspections in Years 2, 5, 10 460 &15	3,000.00
461 15 year Restoration Warranty Over 10,000 Square Feet, Inspections in Years 2, 5, 10 &15 SF \$	0.30
462 Warranty 15 year option roofs under 10,000 sq ft minimum charge (Standard) EA \$	1,200.00
Wayrouty 15 year antion reafa under 10 000 Square Feet Ingrestions In Vegrs 2 5 9 10	1,500.00
403	
464 Warranty 15 year option roofs over 10,000 sq ft minimum charge (Standard)  SF \$	0.12
465 Warranty 15 year option roofs over 10,000 sq ft with inspections year 2, 5 & 10 SF \$	0.15
466 20 Restoration Warranty Under 10,000 Square Feet Inspections In Years 2, 5, 10 & 15 EA \$	4,000.00
467 20 Restoration Warranty Over 10,000 Square Feet Inspections In Years 2, 5, 10 & 15 SF \$	0.40
20 Year Replacement Warranty Under 10,000 Square Feet Inspections In Years 2, 5, 10 & EA \$	2,000.00
20 Year Replacement Warranty Over 10,000 Square Feet Inspections In Years 2, 5, 10 & SF \$	0.20
20 year Replacement Warranty Under 10,000 Square Feet, Inspections in years 2, 5, 10,	1,600.00
470 and 15, no maintenance	1,000.00
20 year Replacement Warranty Over 10,000 Square Feet, Inspections in years 2, 5, 10, and 15, no maintenance \$\$\$\$\$\$	0.16
30 year Replacement Warranty Under 10,000 Square Feet, Inspections in Years 2, 5, 10, EA \$	6,000.00
30 Restoration Warranty Under 10,000 Square Feet Inspections In Years 2, 5, 10, 15, 20	6,000.00
30 year Replacement Warranty Over 10,000 Square Feet, Inspections in Years 2, 5, 10, 15,	0.60
30 Restoration Warranty Over 10 000 Square Feet Inspections In Years 2 5 10 15 20 &	
475 25 SF \$	0.60
476 Warranty Extension 5 yr 5,000 sf or less EA \$	3,499.99
477 Warranty Renewal 5 yr 5,000 sf or less EA \$	3,949.99
478 Warranty Extension 5 yr 5,001 sf -19,999 sf EA \$	4,999.99
479 Warranty Renewal 5 yr 5,001 sf-19,999 sf EA \$	5,699.99
480 Warranty Extension 5 yr 20,000 sf-49,999 sf SF \$	0.24
481 Warranty Renewal 5 yr 20,000 sf-49,999 sf SF \$	0.29
482 Warranty Extension 5 yr 50,000 sf and greater SF \$	0.24
	0.24
483 Warranty Renewal 5 yr 50,000 sf and greater SF \$	
483       Warranty Renewal 5 yr 50,000 sf and greater       SF       \$         484       Warranty Extension 5 yr 100,000 sf and greater       SF       \$         485       Warranty Renewal 5 yr 100,000 sf and greater       SF       \$	0.14

			_	
486 aı	Roof Coating - high solids, waterbased, heavy bodied elastomeric coating formulated with	SF	\$	4.84
	on acrylic latex polymer Roof Coating - high solids, waterbased, heavy bodied elastomeric coating formulated with			
	an acrylic latex polymer w/polyester reinforcing	SF	\$	5.39
	AIR BARRIER LINE ITEMS			
489 F	Foam Roof/Wall Intersection - Under 20'	LF	\$	14.66
490 F	Foam Roof/Wall Intersection - Over 20'	LF	\$	17.33
	Geal roof top exhaust fan curb mountings	Each	\$	97.75
	Adding foam board as a filler in large openings, ie: above soffits	LF	\$	30.55
	nterior miscellaneous foam application - Under 20'	LF	\$	12.23
	Weatherstrip and install sweep - single commercial door	1 Set 1 Set	\$	343.68 687.35
	Weatherstrip and install sweep - double commercial door Geal Mechanical Rooms (With wall / roof pipe projections)	1 Set	\$	636.43
	Seal individual plumbing, pipe or duct	EA	\$	63.64
	Seal Windows (exterior only, sub-k must provide estimate)	LF	\$	15.28
_	Weatherstrip operable wood or aluminum windows with replacement finseal pile or			
	oam tape or vinyl "V" strips	LF	\$	5.41
TA.	Weatherstrip steel frame and sash windows with in-situ silicone gasket. 2 trips required	LF	\$	12.34
500				
	nterior caulking of window and door frames with clear paintable caulk	LF	\$	2.80
	Miscellaneous Interior caulking with clear paintable caulk	LF	\$	2.80
	Weatherstrip Overhead Garage Doors (12' x12') 48' LF w/rubber fins on bottom. Install	IIni+	۵.	1 221 04
	ace mounted leafe seal product to the bottom face of the door as the thresholds on doors concrete)	Unit	\$	1,221.94
	Blower Door Testing	Day	\$	10,182.81
	Thermography inspection performed during final test and thermography inspection.	,		
	Based on 60,000 sq ft. elementary school)	Day	\$	5,091.41
	Blower Door Directed Air Sealing - Supervision Only	Day	\$	3,818.56
	Building Envelope Assessment	Day	\$	7,637.11
	Mileage rate	Per Mile	\$	0.49
	Performance and payment bond - bonding rate (percent of project)	%		0.40%
	Bonding capacity - total amount of capacity available	Dollar Amount	\$	200,000,000.00
	Multiplier/factor to be applied to the R.S. Means costs for the National Cooperative	% To Be Applied		92%
	Contractor Network			1 21
	Multiplier - roof height is greater than 2 stories; equal to or less than 5 stories Multiplier - roof height is greater than 5 stories; less equal to or less than 10 stories	Multiplier Multiplier		1.21 1.52
	Multiplier - roof height is greater than 10 stories	Multiplier		2.17
	Multiplier - roof has large amount of penetrations and roof top obstructions	Multiplier		1.73
	Multiplier - roof is considered non-standard architecture or has > 4:12 slope	Multiplier		2.17
	Multiplier - roof is less than 3,000 Square Feet But Greater Than 1,000 Square feet	Multiplier		3.03
N/	Multiplier - roof size is greater than 7,000 Square Feet But Less Than 10,000 Square Feet	Multiplier		1.73
218	1 1	Multiplier		1.73
	Multiplier- City, town or county permit fee for construction project local to members			
E40 1		Multiplier		1.02
	ocation.	Multiplier		
520 M	ocation. Multiplier- Working in Metro or Urban areas	Multiplier		1.20
520 M 521 C	ocation. Multiplier- Working in Metro or Urban areas Construction Distributor Material For Repair Work	Multiplier Multiplier	¢	1.20 1.15
520 M 521 C 522 B	ocation. Multiplier- Working in Metro or Urban areas Construction Distributor Material For Repair Work Building/Construction Superintendent	Multiplier Multiplier Per Hour	\$	1.20 1.15 187.19
520 M 521 C 522 B 523 B	ocation. Multiplier- Working in Metro or Urban areas Construction Distributor Material For Repair Work Building/Construction Superintendent Building/Construction Manager	Multiplier Multiplier Per Hour Per Hour	\$	1.02 1.20 1.15 187.19 218.44
520 M 521 C 522 B 523 B 524 <b>D</b>	ocation. Multiplier- Working in Metro or Urban areas Construction Distributor Material For Repair Work Building/Construction Superintendent Building/Construction Manager DUE TO LEGISLATION CHANGES IN CALIFORNIA THE RATES ARE AS FOLLOWS FOR T	Multiplier Multiplier Per Hour Per Hour	\$	1.20 1.15 187.19
520 M 521 C 522 B 523 B 524 <b>D</b>	ocation. Multiplier- Working in Metro or Urban areas Construction Distributor Material For Repair Work Building/Construction Superintendent Building/Construction Manager	Multiplier Multiplier Per Hour Per Hour	\$	1.20 1.15 187.19 218.44
520 M 521 C 522 B 523 B 524 <b>D</b> R cc 525 ec	ocation.  Multiplier- Working in Metro or Urban areas Construction Distributor Material For Repair Work Building/Construction Superintendent Building/Construction Manager  DUE TO LEGISLATION CHANGES IN CALIFORNIA THE RATES ARE AS FOLLOWS FOR TO Roof inspection services (visual inspection of roofing service/membrane, flashings,	Multiplier Multiplier Per Hour Per Hour HE FOLLOWING L	\$ NES:	1.20 1.15 187.19 218.44
520 M 521 C 522 B 523 B 524 <b>D</b> R cc 525 ec	ocation.  Multiplier- Working in Metro or Urban areas  Construction Distributor Material For Repair Work  Building/Construction Superintendent  Building/Construction Manager  DUE TO LEGISLATION CHANGES IN CALIFORNIA THE RATES ARE AS FOLLOWS FOR TO  Roof inspection services (visual inspection of roofing service/membrane, flashings, counterflashings, copings, parapets, trims, hatches, penetrations, curbs, roof-mounted equipment, etc. with a written report of findings and recommendations  Roof leak investigation	Multiplier Multiplier Per Hour Per Hour HE FOLLOWING L	\$ NES: \$	1.20 1.15 187.19 218.44 893.36 468.75
520 M 521 C 522 B 523 B 524 <b>D</b> R C 525 ec 526 R 527 M	ocation.  Multiplier- Working in Metro or Urban areas  Construction Distributor Material For Repair Work  Building/Construction Superintendent  Building/Construction Manager  DUE TO LEGISLATION CHANGES IN CALIFORNIA THE RATES ARE AS FOLLOWS FOR TO  Roof inspection services (visual inspection of roofing service/membrane, flashings, counterflashings, copings, parapets, trims, hatches, penetrations, curbs, roof-mounted equipment, etc. with a written report of findings and recommendations  Roof leak investigation  Minor roof repair calls	Multiplier Multiplier Per Hour Per Hour HE FOLLOWING LI Day Day Day	\$ NES: \$ \$	1.20 1.15 187.19 218.44 893.36 468.75 984.76
520 M 521 C 522 B 523 B 524 <b>D</b> R CC 525 ec 526 R 527 M 528 Li	ocation.  Multiplier- Working in Metro or Urban areas  Construction Distributor Material For Repair Work  Building/Construction Superintendent  Building/Construction Manager  DUE TO LEGISLATION CHANGES IN CALIFORNIA THE RATES ARE AS FOLLOWS FOR TO  Roof inspection services (visual inspection of roofing service/membrane, flashings, counterflashings, copings, parapets, trims, hatches, penetrations, curbs, roof-mounted equipment, etc. with a written report of findings and recommendations  Roof leak investigation  Minor roof repair calls  Labor Rate for Roofer	Multiplier Multiplier Per Hour Per Hour HE FOLLOWING LI Day Day Day Per Hour	\$ NES: \$ \$ \$	1.20 1.15 187.19 218.44 893.36 468.75 984.76 173.24
520 M 521 C 522 B 523 B 524 D 6 C 525 ee 526 R 527 M 528 L 529 B	ocation.  Multiplier- Working in Metro or Urban areas  Construction Distributor Material For Repair Work  Building/Construction Superintendent  Building/Construction Manager  DUE TO LEGISLATION CHANGES IN CALIFORNIA THE RATES ARE AS FOLLOWS FOR TO  Roof inspection services (visual inspection of roofing service/membrane, flashings, counterflashings, copings, parapets, trims, hatches, penetrations, curbs, roof-mounted equipment, etc. with a written report of findings and recommendations  Roof leak investigation  Minor roof repair calls  Labor Rate for Roofer  Building / Construction Inspector	Multiplier Multiplier Per Hour Per Hour HE FOLLOWING LI  Day  Day  Day  Per Hour  Per Hour	\$ NES: \$ \$ \$ \$ \$	1.20 1.15 187.19 218.44 893.36 468.75 984.76 173.24 148.25
520 M 521 C 522 B 523 B 524 D 625 ee 526 R 527 M 528 L 529 B 530 R	ocation.  Multiplier- Working in Metro or Urban areas  Construction Distributor Material For Repair Work  Building/Construction Superintendent  Building/Construction Manager  DUE TO LEGISLATION CHANGES IN CALIFORNIA THE RATES ARE AS FOLLOWS FOR TO  Roof inspection services (visual inspection of roofing service/membrane, flashings, counterflashings, copings, parapets, trims, hatches, penetrations, curbs, roof-mounted equipment, etc. with a written report of findings and recommendations  Roof leak investigation  Minor roof repair calls  Labor Rate for Roofer  Building / Construction Inspector  Roof Inspector	Multiplier Multiplier Per Hour Per Hour HE FOLLOWING LI  Day  Day  Day  Per Hour  Per Hour  Per Hour	\$ NES:  \$ \$ \$ \$ \$ \$ \$ \$	1.20 1.15 187.19 218.44 893.36 468.75 984.76 173.24 148.25 173.00
520 M 521 C 522 B 523 B 524 D 625 ee 526 R 527 M 528 L 529 B 530 R 531 C	ocation.  Multiplier- Working in Metro or Urban areas  Construction Distributor Material For Repair Work  Building/Construction Superintendent  Building/Construction Manager  DUE TO LEGISLATION CHANGES IN CALIFORNIA THE RATES ARE AS FOLLOWS FOR TO  Roof inspection services (visual inspection of roofing service/membrane, flashings, counterflashings, copings, parapets, trims, hatches, penetrations, curbs, roof-mounted equipment, etc. with a written report of findings and recommendations  Roof leak investigation  Minor roof repair calls  Labor Rate for Roofer  Building / Construction Inspector  Roof Inspector  Consulting	Multiplier Multiplier Per Hour Per Hour HE FOLLOWING LI  Day  Day  Day  Per Hour Per Hour Per Hour Per Hour	\$ NES: \$ \$ \$ \$ \$	1.20 1.15 187.19 218.44 893.36 468.75 984.76 173.24 148.25 173.00 75.00
520 M 521 C 522 B 523 B 524 <b>D</b> 625 ee 526 R 527 M 528 L 529 B 530 R 531 C 532 D	ocation.  Multiplier- Working in Metro or Urban areas  Construction Distributor Material For Repair Work  Building/Construction Superintendent  Building/Construction Manager  DUE TO LEGISLATION CHANGES IN CALIFORNIA THE RATES ARE AS FOLLOWS FOR TO  Roof inspection services (visual inspection of roofing service/membrane, flashings, counterflashings, copings, parapets, trims, hatches, penetrations, curbs, roof-mounted equipment, etc. with a written report of findings and recommendations  Roof leak investigation  Minor roof repair calls  Labor Rate for Roofer  Building / Construction Inspector  Roof Inspector  Consulting  Design	Multiplier Multiplier Per Hour Per Hour HE FOLLOWING LI  Day  Day  Day  Per Hour Per Hour Per Hour Per Hour Per Hour Per Hour	\$ NES:  \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1.20 1.15 187.19 218.44 893.36 468.75 984.76 173.24 148.25 173.00 75.00
520 M 521 C 522 B 523 B 524 <b>D</b> 625 ee 526 R 527 M 528 L 529 B 530 R 531 C 532 D 533 Ir	ocation.  Multiplier- Working in Metro or Urban areas  Construction Distributor Material For Repair Work  Building/Construction Superintendent  Building/Construction Manager  DUE TO LEGISLATION CHANGES IN CALIFORNIA THE RATES ARE AS FOLLOWS FOR TO  Roof inspection services (visual inspection of roofing service/membrane, flashings, counterflashings, copings, parapets, trims, hatches, penetrations, curbs, roof-mounted equipment, etc. with a written report of findings and recommendations  Roof leak investigation  Minor roof repair calls  Labor Rate for Roofer  Building / Construction Inspector  Roof Inspector  Consulting  Design  Installer	Multiplier Multiplier Per Hour Per Hour HE FOLLOWING LI  Day  Day  Day  Per Hour	\$  S  S  S  S  S  S  S  S  S  S  S  S  S	1.20 1.15 187.19 218.44 893.36 468.75 984.76 173.24 148.25 173.00 75.00 111.25
520 M 521 C 522 B 523 B 524 <b>D</b> 625 ee 526 R 527 M 528 L 529 B 530 R 531 C 532 D 533 Ir 534 T	ocation. Multiplier- Working in Metro or Urban areas Construction Distributor Material For Repair Work Building/Construction Superintendent Building/Construction Manager DUE TO LEGISLATION CHANGES IN CALIFORNIA THE RATES ARE AS FOLLOWS FOR TO Roof inspection services (visual inspection of roofing service/membrane, flashings, counterflashings, copings, parapets, trims, hatches, penetrations, curbs, roof-mounted equipment, etc. with a written report of findings and recommendations Roof leak investigation Minor roof repair calls Labor Rate for Roofer Building / Construction Inspector Roof Inspector Consulting Design Installer Fradesman	Multiplier Multiplier Per Hour Per Hour HE FOLLOWING LI  Day  Day  Day  Per Hour	\$ NES:  \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	1.20 1.15 187.19 218.44 893.36 468.75 984.76 173.24 148.25 173.00 75.00 111.25 173.24
520 M 521 C 522 B 523 B 524 <b>D</b> 625 ee 526 R 527 M 528 L 529 B 530 R 531 C 532 D 533 Ir 534 T	ocation. Multiplier- Working in Metro or Urban areas Construction Distributor Material For Repair Work Building/Construction Superintendent Building/Construction Manager DUE TO LEGISLATION CHANGES IN CALIFORNIA THE RATES ARE AS FOLLOWS FOR TO Roof inspection services (visual inspection of roofing service/membrane, flashings, counterflashings, copings, parapets, trims, hatches, penetrations, curbs, roof-mounted equipment, etc. with a written report of findings and recommendations Roof leak investigation Minor roof repair calls Labor Rate for Roofer Building / Construction Inspector Roof Inspector Consulting Design Installer	Multiplier Multiplier Per Hour Per Hour HE FOLLOWING LI  Day  Day  Day  Per Hour	\$  S  S  S  S  S  S  S  S  S  S  S  S  S	1.20 1.15 187.19

General Laborer	Per Hour	\$ 152.45
Training	Per Hour	\$ 137.20
DESCRIPTION OF COST FACTORS FROM TABLE F-2		
Per diem rate - meals and lodging per 24 hour period	Per Day	\$ 162.50
Performance and payment bond - bonding rate (percent of project)	Percent	0.40%
Alternative methods of costing - percent of overhead/markup to cost	Percent	20.00%
Discounts offered of alternative costing methods (cost + profit & overhead) Rate of	Downsomt	
discount.	Percent	6.00%
R.S. Means Multiplier/Factor - Normal Hours - Non-Prevailing Wage Rates	Percent	89.00%
D. C. Maana Multipliar / Factor Out Side of Normal Hours Non Dravailing Waga Dates	Donaont	
R.S. Means Multiplier/ractor - Out side of Normal Hours - Non-Prevailing wage Rates	Percent	94.00%
R.S. Means Multiplier/Factor - Normal Hours - Prevailing Wage Rates	Percent	92.00%
R.S. Means Multiplier/Factor - Out Side of Normal Hours - Prevailing Wage Rates	Percent	97.00%
Performance and payment bond - bonding rate (percent of project)	Percent	0.40%
	Per diem rate - meals and lodging per 24 hour period  Performance and payment bond - bonding rate (percent of project)  Alternative methods of costing - percent of overhead/markup to cost  Discounts offered of alternative costing methods (cost + profit & overhead) Rate of discount.  R.S. Means Multiplier/Factor - Normal Hours - Non-Prevailing Wage Rates  R.S. Means Multiplier/Factor - Out Side of Normal Hours - Non-Prevailing Wage Rates	Training  DESCRIPTION OF COST FACTORS FROM TABLE F-2  Per diem rate - meals and lodging per 24 hour period  Per Day  Performance and payment bond - bonding rate (percent of project)  Alternative methods of costing - percent of overhead/markup to cost  Discounts offered of alternative costing methods (cost + profit & overhead) Rate of discount.  R.S. Means Multiplier/Factor - Normal Hours - Non-Prevailing Wage Rates  Percent  R.S. Means Multiplier/Factor - Out Side of Normal Hours - Non-Prevailing Wage Rates  Percent  R.S. Means Multiplier/Factor - Normal Hours - Prevailing Wage Rates  Percent  R.S. Means Multiplier/Factor - Out Side of Normal Hours - Prevailing Wage Rates  Percent  R.S. Means Multiplier/Factor - Out Side of Normal Hours - Prevailing Wage Rates  Percent