

UNIT PRICING FOR CONSTRUCTION OF FOAM ROOFS

BASIC FOAM ROOF SYSTEMS

20 Year Manufacturer's Warranty

Item No.	Item	Warranty Period	Minimum Foam Requirement	Minimum Base Coating Requirements	Minimum Top Coating Requirements	Granule Application (3M Ceramic)	Average Finished Coating Thickness	Comments	Roof Area	Measuring Unit	Units	Total Cost \$ (Bidder To Enter)
1	Roof System UL Class A	20 Year Manufacturers	1-1/2 inches (+1/4" - 0") 2.7 pcf density	Apply 2.0 gallons per 100 sf of Manufacturers Coating in one application for a finished average thickness of 15 dry mils	Apply 1.5 gallons per 100 sf of Manufactures Coating in one application for a finished average thickness of 10 dry mils	Broadcast 35 - 45lbs per 100 sf of granules into wet top coating.	Coating at any point to be an average thickness of 25 dry mils.	Primarily for new and replacement roof systems. Can be applied over a properly prepared existing dry roof system.	>10,000 s.f. <25,000 sf	Square Foot	100	\$535.00
2	Roof System UL Class A	20 Year Manufacturers	1-1/2 inches (+1/4" - 0") 3 pcf density K-factor 0.14-0.16	Apply 2.0 gallons per 100 sf of Manufacturers Coating in one application for a finished average thickness of 15 dry mils	Apply 1.5 gallons per 100 sf of Manufactures Coating in one application for a finished average thickness of 10 dry mils	Broadcast 35 - 45lbs per 100 sf of granules into wet top coating.	Coating at any point to be an average thickness of 25 dry mils.	Primarily for new and replacement roof systems. Can be applied over a properly prepared existing dry roof system. Refer to Roofing Standard.	>25,000 s.f. <50,000 sf	Square Foot	100	\$515.00
3	Roof System UL Class A	20 Year Manufacturers	1-1/2 inches (+1/4" - 0") 3 pcf density K-factor 0.14-0.16	Apply 2.0 gallons per 100 sf of Manufacturers Coating in one application for a finished average thickness of 15 dry mils	Apply 1.5 gallons per 100 sf of Manufactures Coating in one application for a finished average thickness of 10 dry mils	Broadcast 35 - 45lbs per 100 sf of granules into wet top coating.	Coating at any point to be an average thickness of 25 dry mils.	Primarily for new and replacement roof systems. Can be applied over a properly prepared existing dry roof system. Refer to Roofing Standard.	>50,000 s.f. <75,000 sf	Square Foot	100	\$495.00

4	Roof System UL Class A	20 Year Manufacturers	1-1/2 inches (+1/4" - 0") 3 pcf density K-factor 0.14-0.16	Apply 2.0 gallons per 100 sf of Manufacturers Coating in one application for a finished average thickness of 15 dry mils	Apply 1.5 gallons per 100 sf of Manufactures Coating in one application for a finished average thickness of 10 dry mils	Broadcast 35 - 45lbs per 100 sf of granules into wet top coating.	Coating at any point to be an average thickness of 25 dry mils.	Primarily for new and replacement roof systems. Can be applied over a properly prepared existing dry roof system. Refer to Roofing Standard.	>75,000 s.f. <	Square Foot	100	\$475.00
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LABOR AND MATERIALS ADDERS FOR FOAM ROOF SYSTEMS

Additional Uniformly Applied Foam (When Specified or Required)

The basic foam roof systems, defined elsewhere in this unit price contract, lists the minimum foam thicknesses required for each system. Occasionally there will be a requirement or need for additional thicknesses of foam for a roof system. This item provides for pricing the additional foam required.

Item No.	Item	Warranty Period	Minimum Foam Requirement	Minimum Base Coating Requirements	Minimum Top Coating Requirements	Granule Application (3M Ceramic)	Average Finished Coating Thickness	Comments	Roof Area	Measuring Unit	Units	Total Cost \$ (Bidder To Enter)
5	Each additional ½ inch of applied foam		Minimum 1/2 inch (+1/4" - 0") per sq					Apply uniformly	<25,000 sf	Square Foot	100	\$80.00
6	Each additional ½ inch of applied foam		Minimum 1/2 inch (+1/4" - 0") per sq					Apply uniformly	>25,000 sf	Square Foot	100	\$80.00
SUBTOTAL												

Additional Non-tapered Insulation (When Specified or Required)

The basic foam roof systems, defined elsewhere in this unit price contract, lists the minimum foam thicknesses required for each system. Occasionally there will be a requirement or need for additional thicknesses of non-foamed-in-place insulation for a roof system. This item provides for pricing the additional insulation required.

Item No.	Item	Warranty Period	Minimum Foam Requirement	Minimum Base Coating Requirements	Minimum Top Coating Requirements	Granule Application (3M Ceramic)	Average Finished Coating Thickness	Comments	Roof Area	Measuring Unit	Units	Total Cost \$ (Bidder To Enter)
7	Each additional 1-½ inch of Isoboard non-tapered							Mechanically attached	<25,000 sf	Square Foot	100	\$128.00
8	Each additional 1-½ inch of Isoboard non-tapered							Mechanically attached	>25,000 sf	Square Foot	100	\$120.00
9	Each additional 1-½ inch of Expanded Polystyrene insulation non-tapered							EP shall be fully adhered using specially formulated adhesive foam as manufactured by BASF.	<25,000 sf	Square Foot	100	\$154.00
10	Each additional 1-½ inch of Expanded Polystyrene insulation non-tapered							EP shall be fully adhered using specially formulated adhesive foam as manufactured by BASF.	>25,000 sf	Square Foot	100	\$144.00
SUBTOTAL												

Tapered Foam Adder - When Required for positive flow to drains or scuppers

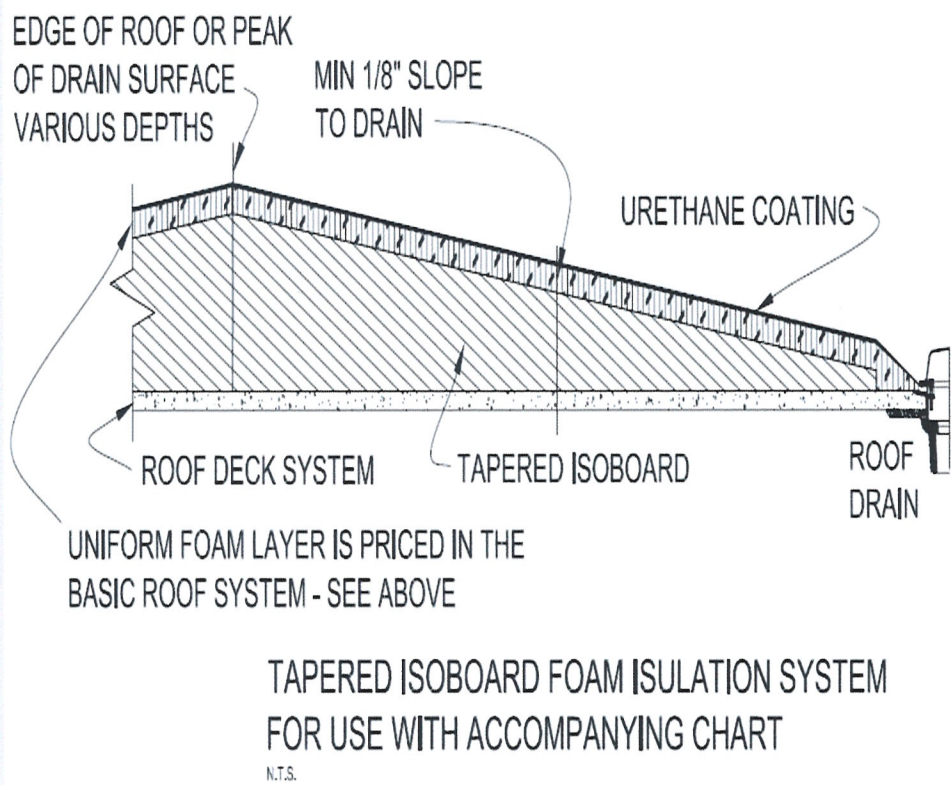
On roofs with flat decks or minimal slope, where additional foam is chosen to produce taper and therefore positive flow to drains and/or scuppers, the maximum thickness at the highest ridge, wall, parapet, and/or expansion joint will be 3 inches. A thickness of 4 inches may be used but only after agreement has been reached between the Owner and the Contractor.

Item No.	Item	Warranty Period	Minimum Foam Requirement	Minimum Base Coating Requirements	Minimum Top Coating Requirements	Granule Application (3M Ceramic)	Average Finished Coating Thickness	Comments	Roof Area	Measuring Unit	Units	Total Cost \$ (Bidder To Enter)		
11	Maximum thickness 2 inches and Average thickness 1 inches							K = 0.15 BTU/hr ft ² oF/in.	32' x 32' with average 2.0 thickness	Square Foot	100	\$241.00		
12	Maximum thickness 3 inches and Average thickness 1.5 inches								K = 0.15 BTU/hr ft ² oF/in.	32' x 32' with average 2.0 thickness	Square Foot	100	\$321.00	
13	Maximum thickness 4 inches and Average thickness 2 inches (only with Owner/Contractor agreement)			UNIFORM FOAM LAYER IS PRICED IN THE BASIC ROOF SYSTEM - SEE ABOVE					K = 0.15 BTU/hr ft ² oF/in.	32' x 32' with average 2.0 thickness	Square Foot	100	\$481.00	
<p>TAPERED FOAM APPLICATION FOR USE WITH ACCOMPANYING CHART</p> <p>N.T.S.</p>														
SUBTOTAL														

Tapered Insulation Adder - When Required and Specified for Positive Flow to Drains or Scuppers

On roofs with flat decks or minimal slope, where foam thickness required to produce taper would exceed 3 inches at the highest ridge, wall, parapet, and/or expansion joint, when specified a tapered insulation system shall be used. The two systems listed are for Isoboard (to be mechanically fastened) and Expanded Polystyrene (EP) tapered insulation (to be fully adhered). The Owner will specify which system is to be used.

Item No.	Item	Warranty Period	Minimum Foam Requirement	Minimum Base Coating Requirements	Minimum Top Coating Requirements	Granule Application (3M Ceramic)	Average Finished Coating Thickness	Comments	Roof Area	Measuring Unit	Units	Total Cost \$ (Bidder To Enter)
14	Isoboard - Maximum thickness 9 inches and Average thickness 4.5 inches							Isoboard shall be mechanically attached	72' x 72' with average 4.5 thickness	Square Foot	100	\$524.00
15	Isoboard - Maximum thickness 8 inches and Average thickness 4 inches							Isoboard shall be mechanically attached	64' x 64' with average 4.0 thickness	Square Foot	100	\$488.00
16	Isoboard - Maximum thickness 7 inches and Average thickness 3.5 inches							Isoboard shall be mechanically attached	56' x 56' with average 3.5 thickness	Square Foot	100	\$459.00
17	Isoboard - Maximum thickness 6 inches and Average thickness 3 inches							Isoboard shall be mechanically attached	48' x 48' with average 3.0 thickness	Square Foot	100	\$428.00
18	Isoboard - Maximum thickness 5 inches and Average thickness 2.5 inches							Isoboard shall be mechanically attached	40' x 40' with average 2.5 thickness	Square Foot	100	\$381.00



19	Isoboard - Maximum thickness 4 inches and Average thickness 2 inches							Isoboard shall be mechanically attached	32' x 32' with average 2.0 thickness	Square Foot	100	\$382.00
SUBTOTAL												

Tapered Insulation Adder - When Required and Specified for Positive Flow to Drains or Scuppers												
<i>On roofs with flat decks or minimal slope, where foam thickness required to produce taper would exceed 3 inches at the highest ridge, wall, parapet, and/or expansion joint, when specified a tapered insulation system shall be used. The two systems listed are for Isoboard (to be mechanically fastened) and Expanded Polystyrene (EP) tapered insulation (to be fully adhered). The Owner will specify which system is to be used.</i>												
Item No.	Item	Warranty Period	Minimum Foam Requirement	Minimum Base Coating Requirements	Minimum Top Coating Requirements	Granule Application (3M Ceramic)	Average Finished Coating Thickness	Comments	Roof Area	Measuring Unit	Units	Total Cost \$ (Bidder To Enter)
20	Expanded Polystyrene - Maximum thickness 9 inches and Average thickness 4.5 inches							EP shall be fully adhered using specially formulated adhesive foam as manufactured by BASF.	72' x 72' with average 4.5 thickness	Square Foot	100	\$327.00
21	Expanded Polystyrene - Maximum thickness 8 inches and Average thickness 4 inches							EP shall be fully adhered using specially formulated adhesive foam as manufactured by BASF.	64' x 64' with average 4.0 thickness	Square Foot	100	\$297.00
22	Expanded Polystyrene - Maximum thickness 7 inches and Average thickness 3.5 inches							EP shall be fully adhered using specially formulated adhesive foam as manufactured by BASF.	56' x 56' with average 3.5 thickness	Square Foot	100	\$273.00

CONSTRUCTION DETAIL FOR EXPANDED POLYSTYRENE IS SIMILAR TO ISOBOARD DETAIL ABOVE

23	Expanded Polystyrene - Maximum thickness 6 inches and Average thickness 3 inches	CONSTRUCTION DETAIL FOR <u>EXPANDED POLYSTYRENE</u> IS SIMILAR TO ISOBOARD DETAIL ABOVE	EP shall be fully adhered using specially formulated adhesive foam as manufactured by BASF.	48' x 48' with average 3.0 thickness	Square Foot	100	\$250.00
24	Expanded Polystyrene - Maximum thickness 5 inches and Average thickness 2.5 inches		EP shall be fully adhered using specially formulated adhesive foam as manufactured by BASF.	40' x 40' with average 2.5 thickness	Square Foot	100	\$231.00
25	Expanded Polystyrene - Maximum thickness 4 inches and Average thickness 2 inches		EP shall be fully adhered using specially formulated adhesive foam as manufactured by BASF.	32' x 32' with average 2.0 thickness	Square Foot	100	\$210.00
					SUBTOTAL		

Silicone Roof Coating Only - Contractor Supplied - Spray or Roll

Coatings to be applied to existing roofs for warranty upgrades or on roofs requested by the Owner.

Item No.	Item	Warranty Period	Minimum Foam Requirement	Minimum Base Coating Requirements	Minimum Top Coating Requirements	Granule Application (3M Ceramic)	Average Finished Coating Thickness	Comments	Roof Area	Measuring Unit	Units	Total Cost \$ (Bidder To Enter)
26	Apply Bayblock base coating to Owner cleaned surface	One year labor and material by Contract or		Apply 2 gallons per 100 sf of BSNA 3400 Series Coating in one applications for a finished average thickness of 14 dry mils				Apply to Clean Surface. Cleaning by Owner.	<25,000 sf	Square Foot	100	\$160.00
27	Apply Bayblock base coating to Owner cleaned surface	One year labor and material by Contract or		Apply 2 gallons per 100 sf of BSNA 3400 Series Coating in one applications for a finished average thickness of 14 dry mils				Apply to Clean Surface. Cleaning by Owner.	>25,000 sf	Square Foot	100	152.00
28	Apply Bayblock top coating to Owner cleaned surface	One year labor and material by Contract or		Apply 1 gallon per 100 sf of BSNA 3400 Series Coating in one application for a finished average thickness of 7 dry mils				Apply to Clean Surface. Cleaning by Owner.	<25,000 sf	Square Foot	100	\$96.00
29	Apply Bayblock top coating to Owner cleaned surface	One year labor and material by Contract or		Apply 1 gallon per 100 sf of BSNA 3400 Series Coating in one application for a finished average thickness of 14 dry mils				Apply to Clean Surface. Cleaning by Owner.	>25,000 sf	Square Foot	100	\$90.00

30	Apply Bayblock base coating to contractor cleaned surface	One year labor and material by Contractor or		Apply 2 gallons per 100 sf of BSNA 3400 Series Coating in one application for a finished average thickness of 26 dry mils	14			Contractor to clean surface	<25,000 sf	Square Foot	100	\$177.00
31	Apply Bayblock base coating to contractor cleaned surface	One year labor and material by Contractor or		Apply 2 gallons per 100 sf of BSNA 3400 Series Coating in one application for a finished average thickness of 14 dry mils				Contractor to clean surface	>25,000 sf	Square Foot	100	\$168.00
32	Apply Bayblock top coating to contractor cleaned surface	One year labor and material by Contractor or		Apply 1 gallon per 100 sf of BSNA 3400 Series 70611 Coating in one application for a finished average thickness of 14 dry mils				Contractor to clean surface	<25,000 sf	Square Foot	100	\$133.00
33	Apply Bayblock top coating to contractor cleaned surface	One year labor and material by Contractor or		Apply 1 gallon per 100 sf of BSNA 3400 Series Coating in one application for a finished average thickness of 14 dry mils				Contractor to clean surface	>25,000 sf	Square Foot	100	\$106.00
34	Apply Bayblock base coating to Owner cleaned surface	One year labor and material by Contractor or		Apply 2 gallons per 100 sf of BSNA 3400 Series Coating in one application for a finished average thickness of 14 dry mils				Apply to Clean Surface. Cleaning by Owner.	<25,000 sf	Square Foot	100	\$160.00

35	Apply Bayblock base coating to Owner cleaned surface	One year labor and material by Contract or		Apply 2 gallons per 100 sf of BSNA 3400 Series Coating in one applications for a finished average thickness of 14 dry mils				Apply to Clean Surface. Cleaning by Owner.	>25,000 sf	Square Foot	100	\$152.00
36	Apply Bayblock top coating to Owner cleaned surface	One year labor and material by Contract or		Apply 1 gallon per 100 sf of BSNA 3400 Series Coating in one application for a finished average thickness of 7 dry mils				Apply to Clean Surface. Cleaning by Owner.	<25,000 sf	Square Foot	100	\$96.00
										SUBTOTAL		

Granule Application - For Applications Not Included in Basic Roof Systems.

Granules application information is included in the basic roof systems above. This line item is for granule application at the Owner's request.

Item No.	Item	Warranty Period	Minimum Foam Requirement	Minimum Base Coating Requirements	Minimum Top Coating Requirements	Granule Application (3M Ceramic)	Average Finished Coating Thickness	Comments	Roof Area	Measuring Unit	Units	Total Cost \$ (Bidder To Enter)
37	Apply and encapsulate granules on roof surface	One year labor and material by Contractor				Apply 3/4 gallon per 100 sf of BSNA 3400 Series in one application for a finished average thickness to yield 5 dry mils. Broadcast 30 - 35lbs per 100 sf of granules into wet coating. When dry, remove excess granules and fully encapsulate with BSNA top coat at a minimum rate of 1 gallon per 100 sf.			<25,000 sf	Square Foot	100	\$195.00
38	Apply and encapsulate granules on roof surface	One year labor and material by Contractor				Apply 3/4 gallon per 100 sf of BSNA 3400 Series in one application for a finished average thickness to yield 5 dry mils. Broadcast 30 - 35lbs per 100 sf of granules into wet coating. When dry, remove excess granules and fully encapsulate with BSNA top coat at a minimum rate of 1 gallon per 100 sf.			>25,000 sf	Square Foot	100	\$182.00
SUBTOTAL												

Remove Existing Roof System

Old roof removal is not included in the basic roof costs above. The Contractor must add old roof and ballast removal from the following items.

Item No.	Item	Warranty Period	Minimum Foam Requirement	Minimum Base Coating Requirements	Minimum Top Coating Requirements	Granule Application (3M Ceramic)	Average Finished Coating Thickness	Comments	Roof Area	Measuring Unit	Units	Total Cost \$ (Bidder To Enter)
39	Remove asbestos (ACM) roof system with or without gravel							Remove and dispose	Lot	Square Foot	100	\$300.00
40	Remove asbestos (ACM) roof flashing only							Remove and dispose	Lot	Square Foot	100	\$500.00
41	Remove EPDM/Single Ply roof system w/o ballast							Remove and dispose	Lot	Square Foot	100	\$75.00
42	Remove EPDM/Single Ply roof system w/stone ballast							Remove and dispose	Lot	Square Foot	100	\$125.00
43	Remove non-ACM BUR roof system with or without ballast							Remove and dispose	Lot	Square Foot	100	\$150.00
44	Vacuum/remove and dispose of ballast from existing membrane							Remove and dispose	Lot	Square Foot	100	\$60.00
45	Remove and dispose of abandoned roof top appurtenances (unused fans, etc.)							Remove and dispose	Lot	Each	1	\$500.00
SUBTOTAL												

Miscellaneous Items

To complete the project quote, the Contractor is to choose from the following items as required by the roof drawings and specification for a specific project.

Item No.	Item	Warranty Period	Minimum Foam Requirement	Minimum Base Coating Requirements	Minimum Top Coating Requirements	Granule Application (3M Ceramic)	Average Finished Coating Thickness	Comments	Roof Area	Measuring Unit	Units	Total Cost \$ (Bidder To Enter)
46	Install steel plate over exposed roof deck penetrations							At location where fans are removed, etc. All sizes.		Each	1	\$250.00
47	Caulking ½" Bead; install only	5 year labor and material by Contractor						Urethane Caulk		Linear Foot	1000	\$5,000.00
48	Caulking ½" Bead; remove old and install new	5 year labor and material by Contractor						Urethane Caulk		Linear Foot	1000	\$7,500.00
49	Install foamed-in-place walkway and platform supports supplied by Owner (walkways and platforms by others)							Details attached		Each	1 ↑ 50	\$2,500.00
50	Construct 4' wood walkway including Contractor supplied foamed-in-place supports	One year labor and material by Contractor						Details attached; construct w/ treated lumber		Linear Foot	100	\$6,000.00

51	Construct wooden platform including Contractor supplied supports at Owner designated locations	One year labor and material by Contractor						Details attached; construct w/ treated lumber		Each	1	\$2,500.00
52	Install precast concrete pads at Owner designated locations							Details attached - finished elevation must be higher than the foam		Each	1	\$100.00
53	Install approved OSHA type ladder up to 17 feet in height (safety cage not required)	One year labor and material by Contractor						Includes top platform and safety rails		Each	1	\$3,400.00
54	Install OSHA type ladder up to 25 feet	One year labor and material by Contractor						Install up to 25 feet; includes cage above 17 feet and top platform with safety rails		Each	1	\$5,000.00
55	Install OSHA type ladder up to 25 feet above bottom 25 feet section	One year labor and material by Contractor						Install above 25 feet; includes full safety cage and top platform with safety rails		Each	1	\$5,000.00
56	Steel Roof Drain Covers									Each	10	\$750.00
57	Lower existing drain to deck							When required only		Each	1	\$250.00

45	Install metal covers to waterproof under existing roof top equipment setting on open curbs							This requirement is for low equipment curbs where proper application of foam and coating under the equipment is restricted	Each	1	\$400.00
46	Installation of mechanically fastened 5/8-inch gypsum board on metal deck							Applied to metal decks; for use under foam or vapor barrier	Square Foot	100	\$85.00
47	Installation of mechanically fastened 1/2-inch fiberboard							Asphalt coated 6 sides - Applied over existing roof systems	Square Foot	100	\$81.00
48	Installation of mechanically fastened 1/2-inch DensDeck							Applied over existing roof systems or to metal decks; for use under foam or vapor barriers	Square Foot	100	\$136.00
49	Install self-adhering vapor barrier							Kwik-Ply 30 mil self-adhering membrane by Hyload, Inc. applied to underlayment board attached to metal deck.	Square Foot	100	\$350.00
50	Furnish and Apply asphaltic primer when required (Tremco QD or Mulehide)							Apply primer Hyload vapor barrier when required for bonding	Square Foot	100	\$100.00

51	Foam and coat around Owner installed rooftop equipment	One year labor and material by Contractor	Foam shall be applied to form proper drainage and not appear as a patch	Apply 2 gallons per 100 sf of BSNA 3400 Series 70620 Coating in one application for a finished average thickness of 26 dry mils							Each	1	\$500.00
SUBTOTAL													

Gutters - Associated with Foam Roof Projects Only

The following are for those roofs on which a gutter requirement is specified. The price includes new installation as well as removal and replacement.

Item No.	Item	Warranty Period	Minimum Foam Requirement	Minimum Base Coating Requirements	Minimum Top Coating Requirements	Granule Application (3M Ceramic)	Average Finished Coating Thickness	Comments	Roof Area	Measuring Unit	Units	Total Cost \$ (Bidder To Enter)
52	24 gauge Steel 6" Box Gutters & 3.5" x 4" 24 gauge steel Downspouts							Installed		Linear Foot	100	\$2,377.00
53	6" K Copper gutters & 3.5" x 4" copper corrugated Downspouts							Installed		Linear Foot	100	\$3,187.00
SUBTOTAL												

Coping, Flashing, and Foam Stops - Associated with Foam Roof Projects Only

The following are for those roofs on which coping, flashing, and/or foam stops are specified. Price includes new installation as well as removal and replacement. Counterflashing, whether it be metal, foam or coatings installed on existing walls, shall not be installed above existing through-wall flashing or existing regelets unless approved by the Owner.

Item No.	Item	Warranty Period	Minimum Foam Requirement	Minimum Base Coating Requirements	Minimum Top Coating Requirements	Granule Application (3M Ceramic)	Average Finished Coating Thickness	Comments	Roof Area	Measuring Unit	Units	Total Cost \$ (Bidder To Enter)
54	22 gauge Galvanized Coping Cap up to 18" width	5 year labor and material by Contractor						Installed		Linear Foot	100	\$2,252.00
55	0.040 Aluminum Cap up to 18" width	5 year labor and material by Contractor						Installed		Linear Foot	100	\$2,789.00
56	20 oz. Copper Coping Cap up to 18" width	5 year labor and material by Contractor						Installed		Linear Foot	100	\$5,155.00
57	16 oz. Copper Coping Cap up to 18" width	5 year labor and material by Contractor						Installed		Linear Foot	100	\$4,426.00
58	22 gauge Stainless Steel Coping Cap up to 18" width	5 year labor and material by Contractor						Installed		Linear Foot	100	\$3,454.00
59	0.040 gauge Aluminum Counter Flashing	5 year labor and material by Contractor						Installed		Linear Foot	100	\$1,310.00
60	20 oz. Copper Counter flashing	5 year labor and material by Contractor						Installed		Linear Foot	100	\$2,444.00
61	16 oz. Copper Counter Flashing	5 year labor and material by Contractor						Installed		Linear Foot	100	\$2,201.00

62	22 gauge Stainless Steel Counter Flashing	5 year labor and material by Contractor						Installed		Linear Foot	100	\$1,779.00
63	24 Gauge Galvanized foam stops	5 year labor and material by Contractor						Installed		Linear Foot	100	\$1,123.00
64	0.040 Aluminum Foam Stops	5 year labor and material by Contractor						Installed		Linear Foot	100	\$1,374.00
65	16 oz. copper foam stops	5 year labor and material by Contractor						Installed		Linear Foot	100	\$2,727.00
66	24 gauge Stainless Steel foam stops	5 year labor and material by Contractor						Installed		Linear Foot	100	\$1,091.00
										SUBTOTAL		

Roof Hatches - Associated with Foam Roof Projects Only												
<i>The following are for those roofs on which roof hatches are specified.</i>												
Item No.	Item	Warranty Period	Minimum Foam Requirement	Minimum Base Coating Requirements	Minimum Top Coating Requirements	Granule Application (3M Ceramic)	Average Finished Coating Thickness	Comments	Roof Area	Measuring Unit	Units	Total Cost \$ (Bidder To Enter)
67	3' x 3' Roof Hatch; hinged, counterbalanced and locking	Manufacturer warranty period and Contractor Labor						Installed		Each	1	\$1,800.00
68	3' x 5' Roof Hatch; hinged, counterbalanced and locking	Manufacturer warranty period and Contractor Labor						Installed		Each	1	\$2,100.00
										SUBTOTAL		

Site and Setup Items

The Contractor is to add items from the following list of items as required by the specification and drawings for a specific roof project. Requires Owner agreement and approval.

Item No.	Item	Warranty Period	Minimum Foam Requirement	Minimum Base Coating Requirements	Minimum Top Coating Requirements	Granule Application (3M Ceramic)	Average Finished Coating Thickness	Comments	Roof Area	Measuring Unit	Units	Total Cost \$ (Bidder To Enter)
69	Setup costs above 3 stories									Per Project	1	\$2,400.00
70	Cost to mask/cover air intake - under 200 sf									Each	1	\$200.00
71	Cost to mask/cover air intake - over 200 sf									Each	1	\$500.00
72	Use of Wind Screen on rooftop to prevent overspray									Per Project	1	\$500.00
73	Building Masking to prevent overspray									Per Project	1	\$1,500.00
74	Staging area protection and return to original condition									Per Project	1	\$1,500.00
SUBTOTAL												

Labor Adders for Foam Roof Projects

The following items are for contractor incurred costs created by or requested by the Owner.

Item No.	Item	Warranty Period	Minimum Foam Requirement	Minimum Base Coating Requirements	Minimum Top Coating Requirements	Granule Application (3M Ceramic)	Average Finished Coating Thickness	Comments	Roof Area	Measuring Unit	Units	Total Cost \$ (Bidder To Enter)
75	Additional cost for compulsory work-time outside normal hours									Man Hour	1	\$65.00
76	Addition cost for unforeseen work operations not associated with the roof but which must be handled by the Contractor to complete the project							Items to be agreed upon and approved by the Purchasing Division		Man Hour	1	\$65.00
77	One-time charge per day for minor work items requested by the Owner: Example - foam and coat around a newly installed roof-top unit.		Includes required foam	Includes required coating and granules				Items to be agreed upon and approved by the Purchasing Division		Per Hour	1	\$65.00
78	Adder for construction of less than 500 square feet of foam roof of any basic roof system		Foam thickness to match that of the required basic roof system being constructed					Tapered foam not included		Square Foot	100	\$900.00
SUBTOTAL												