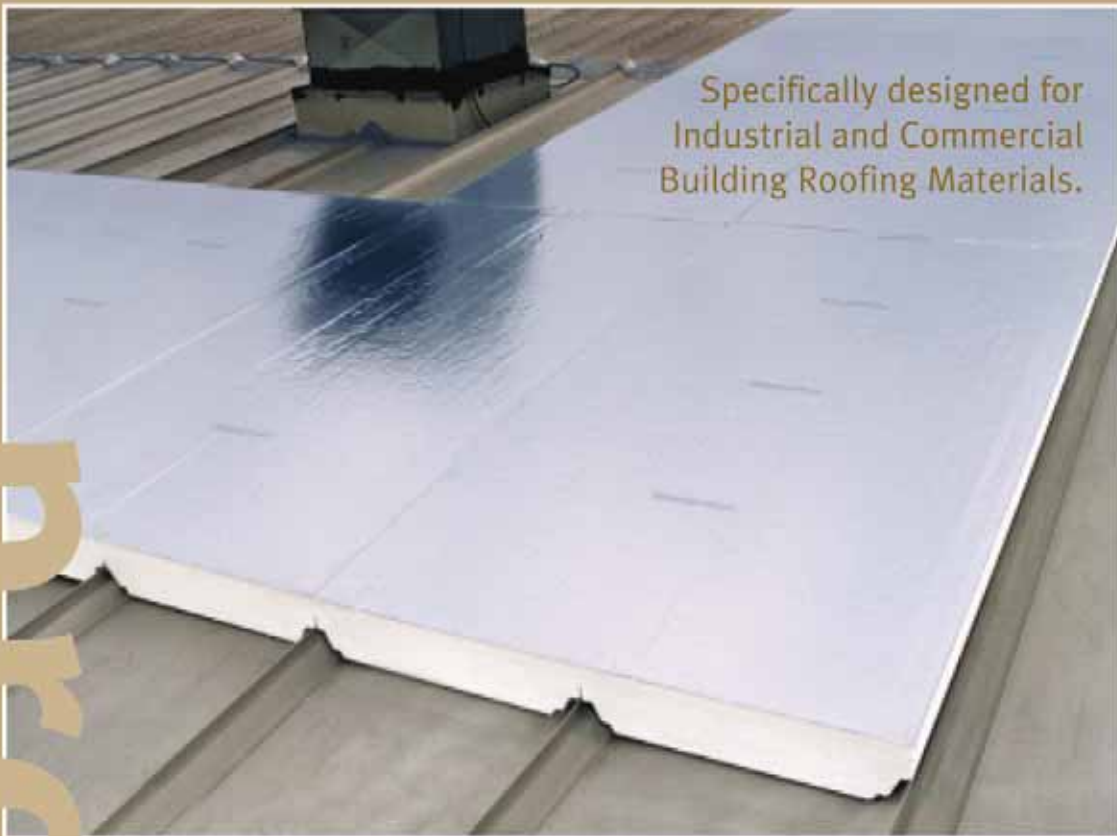




PRO-FOIL™ Laminated Expanded Polystyrene Metal Deck Insulation



Specifically designed for Industrial and Commercial Building Roofing Materials.

- Completely fills the fluted metal deck area for a level re-roofing surface
- Custom cut to your specifications
- Ideal for single-ply membrane and re-roofing projects
- Creates thermal envelope for improved heating/cooling efficiency and occupant comfort
- Recyclable, contains no CFC's or HCFC's
- Moisture resistant for lifelong performance
- Easy to handle and install

pro-foil

PRO-FOIL™ is easily applied over an existing metal deck roof, fitting precisely on the fluted deck area and creating a level surface for membrane installation.

Greater Thermal Efficiency

Molded from 1.0# to 2.0# density EPS – considered the most economically efficient insulating material available – Pro-Foil Roofing Insulation provides the specified “R” value over the entire roof. Virtually unaffected by age or temperature cycling, Pro-Foil will continue to reduce energy cost for the life of the structure.

Factory Cut to Exact Building Dimensions

All Pro-Foil Insulation boards are packed in easy to handle bags. Each project is cut to exact specifications. The system is designed to minimize field cutting, alterations and allows fast, efficient installation.

Field Service

A Falcon Foam representative is available to help you in your preliminary bidding stage, as well as during installation.

Lightweight, Efficient Re-Roofing

Because it increases thermal efficiency, Pro-Foil Insulation is a superior medium for re-roofing. Even when thicker panels are applied, Pro-Foil Roofing Insulation adds very little weight to the roof and does not require additional support. Its cost-effectiveness makes it an ideal choice for lowering energy cost and prolonging the life of the roof deck.

Falcon Foam Insulation Physical Properties (Specification Reference: ASTM-C578-01)

Property	Units	ASTM Test	Type XI	Type I	Type VIII	Type II	Type IX	NA
ASTM Designation			Type XI	Type I	Type VIII	Type II	Type IX	NA
ASTM Density Range	(pcf)	C303 or D1622	0.70-0.85	0.90-1.10	1.15-1.35	1.35-1.65	1.80-2.20	2.70-3.30
Common Designation	(pcf)		0.70	1.00	1.25	1.50	2.00	3.00
Thermal Resistance Values	at 25°F at 40°F at 75°F	C177 or C518	3.45 3.30 3.10	4.20 4.00 3.60	4.40 4.20 3.80	4.60 4.40 4.00	4.80 4.60 4.20	NA 4.70 4.30
Strength Properties								
Compressive resistance								
10% Deformation	(psi)	D1621	5.0	10.0	13.0	15.0	25.0	50.0
Flexural Strength	(psi)	C203	10.0	25.0	30.0	35.0	50.0	90.0
Tensile	(psi)	C1623	NA	16.0	17.0	18.0	23.0	NA
Moisture Resistance								
Water vapor permeance	(perm./in.)	E96	5.0	5.0	3.5	3.5	2.0	2.0
Water absorption	(volume %)	C272	4.0	4.0	3.0	3.0	2.0	1.0
Dimensional Stability								
Change in dimensions	(max. %)	D696	2.0	2.0	2.0	2.0	2.0	2.0
Maximum Service Temp.								
Long term								-----167°F for all densities-----
Intermittent								-----180°F for all densities-----
Flame Spread								
Up to 6" thickness		E84						-----Less than 25 for all densities-----
Smoke Development								
Up to 6" thickness		E84						-----Less than 450 for all densities-----
Oxygen Index	(volume %)	D2863						-----24.0 for all densities-----

Caution: Combustible. Falcon Foam Insulation will ignite if exposed to fire of sufficient heat and intensity.
Notice: We shall not be liable for incidental and consequential damages, directly or indirectly sustained, nor for any loss caused by application of these goods not in accordance with current printed instructions or for other than the intended use. Our liability is expressly limited to replacement of defective goods.

Any claim shall be deemed waived unless made in writing to us within thirty (30) days from date it was or reasonably should have been discovered.

Trademark: FALCON FOAM is a registered trademark of Atlas Roofing Corporation.



FALCON FOAM
A DIVISION OF ATLAS ROOFING CORPORATION

8240 Byron Center Rd. SW
Byron Center, MI 49315
1.800.917.9138

911 Industrial Drive
P.O. Box 348
Perryville, MD 21775
1.800.888.2332

2028 Bill Tuck Highway
South Boston, VA 24582
1.800.836.2995

7700 Irvine Ctr. Dr., Suite 800
Irvine, CA 92618-2923
1-866-811-9517
Fax 619-241-8310