

## Description

Tapered Fesco Foam is a rigid roof insulation board composed of a closed cell polyisocyanurate foam core bonded in the foaming process to a specially formulated UL Class A 1/2" (13 mm) Fesco Laminator Board on one side and a fiber glass reinforced facer on the other. It is designed for direct application to steel and other roof decks to promote positive drainage.

Tapered Fesco Foam meets the physical property requirements of ASTM C 1289, Type III and conforms to CAN/ULC S704. It is also available in pre-cut miters and crickets.

## Use

Tapered Fesco Foam is designed for use as a high thermal roof insulation board over metal, nailable, and non-nailable roof decks in BUR, modified bitumen and certain single ply roofing systems. It can be installed using hot asphalt, cold adhesives or mechanical fasteners. Tapered Fesco Foam is ideal for both new construction and reroofing where ponding water or positive slope is a concern.

Tapered Fesco Foam has been rated in numerous FM Global® 1A-60 and 1A-90 fire and wind-resistant systems and is also classified by Underwriters Laboratories Inc. as an approved roof insulation in specific Class A constructions and Roof/Ceiling hourly fire-rated assemblies. It also has been classified by Underwriters' Laboratories of Canada.



## Advantages

- High thermal efficiency
- Excellent mopping surface
- Resists indentation and crushing
- Easy to handle
- Complies with EPA requirements and meets Clean Air Act Amendments of 1990

## Typical Physical Properties\*

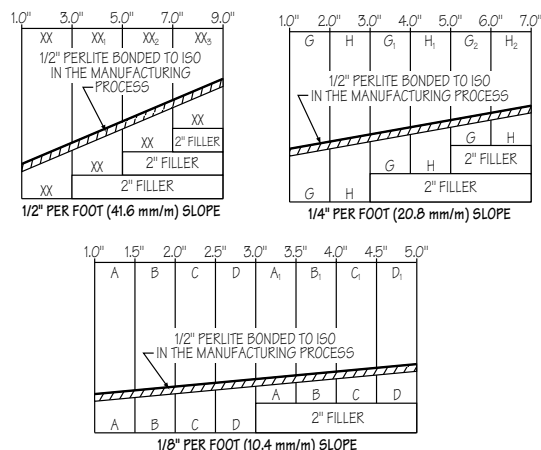
	Values	Test Method
Water Absorption, % by Volume – 2 hours.....	1.5 max.	ASTM C 209
Dimensional Stability Change: 7 days @ 158°F (70°C), 90-100% RH		
Lengthwise .....	<2%	ASTM D 1262
Crosswise .....	<2%	
Compression Resistance**		
10% Consolidation—psi.....	20 nom. (138 kPa)	ASTM D 1621
Laminar Tensile Strength		
psi (kPa).....	4 (28)	ASTM C 209
Moisture Vapor Transmission***	<1 perm	ASTM E 96
	57.5 ng/(Pa•s•m <sup>2</sup> )	
Flame Spread***	25 max.	ASTM E 84

\*As measured on Fesco Foam roof insulation. \*\*Also available in 25 psi (172 kPa). \*\*\*Foam core only.

## Sizes

Tapered Fesco Foam is available in 4' x 4' (1.22 m x 1.22 m) panels in thicknesses of 1.0" (2.54 cm) minimum to 3.0" (7.62 cm) maximum single layer. Available slopes are 1/8", 1/4" and 1/2" per foot (10.4, 20.8 and 41.6 mm/m).

## Profiles



## Energy and the Environment

<b>LEED®</b>	<b>Recycled Content</b>		
	Post Consumer: 24% average		
	Post Industrial: 6% average		
	<b>Producing Locations</b>		
	Bremen, IN	Jacksonville, FL	Hazleton, PA
	Fernley, NV	Cornwall, ONT	

Refer to the Material Safety Data Sheet and product label prior to using this product.