

Description

Tapered Pre-Cut Miters are comprised of two separate tapered panels factory-cut at a 45° angle. **Tapered Pre-Cut ENRGY 3® Miters** are manufactured from Tapered ENRGY 3®, a tapered polyisocyanurate foam core bonded in the foaming process to universal fiber glass reinforced facers. **Tapered Pre-Cut Fesco Foam® Miters** are manufactured from Tapered Fesco Foam®, a tapered polyisocyanurate composite where the foam core is bonded to a universal fiber glass reinforced facer on the bottom and Fesco Laminator Board on the top. All Tapered Pre-Cut Miters are available in either 20 or 25 psi (138 or 172 kPa) compressive strength.

Tapered Pre-Cut ENRGY 3 Miters and Tapered Pre-Cut Fesco Foam Miters meet the material requirements of ASTM C 1289.

Use

Tapered ENRGY 3 Pre-Cut Miters or Tapered Fesco Foam Pre-Cut Miters are composed of two separate tapered panels factory cut at a 45° angle to form a hip (outward slope) or valley (inward slope) that directs water to a low point on a tapered roof system. With computerized accuracy, the Tapered Pre-Cut Miters are cut, packaged and delivered to the job ready for installation. The Tapered Pre-Cut Miters offer the contractor labor savings and reduced waste disposal.

Tapered ENRGY 3 Pre-Cut Miters or Tapered Fesco Foam Pre-Cut Miters provide high thermal insulation value over metal, nailable, and non-nailable roof decks in built-up, modified bitumen and single ply membrane roofing systems. They may be applied using hot bitumen, cold adhesives or mechanical fasteners. Tapered Pre-Cut Miters are ideal for both new construction and reroofing to reduce labor and waste costs and where ponding water or positive slope is a concern.

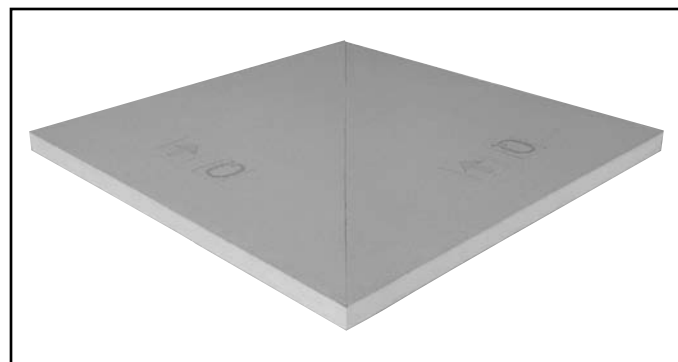
Producing Location: Hazle Township, PA

Typical Physical Properties*

	Values	Test Method
Water Absorption, % by		
Volume – 2 hrs.		ASTM C 209
• Tapered ENRGY 3	<1.0 max.	
• Tapered Fesco Foam	1.5 max.	
Dimensional Stability Change		
7 days @158°F (70°C), 90-100% RH		
Lengthwise	<2%	ASTM D 2126
Crosswise	<2%	
Compression Resistance**		
10% Consolidation–psi.	20 (138 kPa) nom.	ASTM D 1621
Moisture Vapor		
Transmission***	<1 perm	ASTM E 96
	57.5 ng/(Pa•s•m ²)	
Flame Spread***	25 max.	ASTM E 84
Service Temperature	-100°F - 250°F	
	(-73°C - 121°C)	

*As measured on ENRGY 3® and Fesco Foam roof insulation.

Also available in 25 psi (172 kPa). *Foam core only.



Tapered ENRGY 3 Pre-Cut Miters and Tapered Fesco Foam Pre-Cut Miters have been rated in FM 1A-60 and 1A-90 fire and wind-resistant systems for BUR, modified bitumen and single ply systems in specific constructions. They are classified by Underwriters Laboratories, Inc. as approved roof insulations in many Class A roof constructions and Roof/Ceiling hourly fire-rated assemblies. They also are classified by Underwriters Laboratories Canada.

JM also supports NRCA Bulletin #9 in recommending that a cover board of Fesco® Board or ½" (1.27 cm) Retro-Fit™ Board be installed over foam insulations in hot membrane systems.

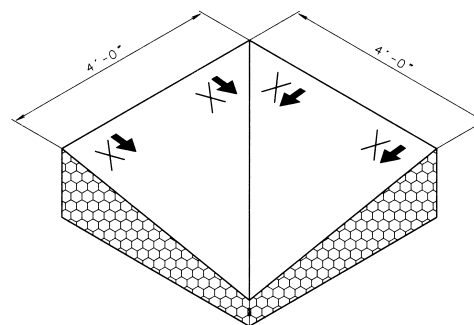
Advantages

- Reduced waste disposal
- Increased labor efficiency
- Precise factory cuts resulting in smooth field transitions
- Customized labeling and packaging
- High thermal efficiency
- Universal facer that is compatible with BUR, modified bitumen and single ply membrane systems
- Complies with EPA requirements
- Meets Clean Air Act Amendments of 1990

Sizes

Tapered ENRGY 3 Pre-Cut Miters are available in standard slopes of ⅛", ⅜", ¼" and ½" per foot (10.4, 15.6, 20.8 and 41.6 mm/m). Custom cut multislope Tapered ENRGY 3 Pre-Cut Miters are available upon special request.

Tapered Fesco Foam Pre-Cut Miters are available in standard slopes of ⅛", ¼" and ½" per foot (10.4, 20.8 and 41.6 mm/m).



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