

Meets the requirements of ASTM C 1289, Type II, Class 1, Grade 2 (20 psi)

- DiamondBack Pre-Cut Miters

Grade 3 (25 psi)

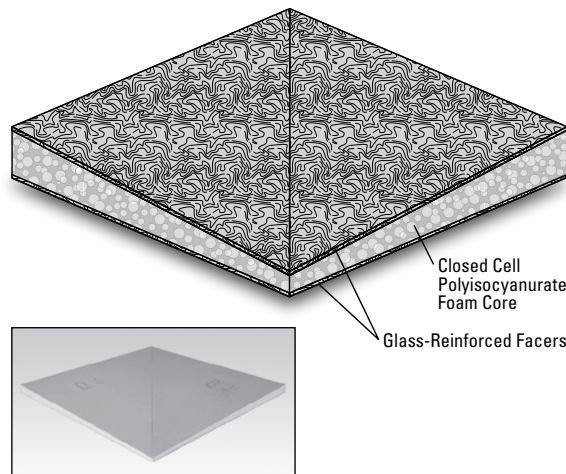
- DiamondBack 25 PSI Pre-Cut Miters

Features and Components

Glass-Reinforced Facers: Provide rigidity and protection to the foam core and are compatible with BUR, modified bitumen and single ply membrane systems.

Closed Cell Polyisocyanurate Foam Core: Utilizes an environmentally compliant blowing agent that provides high thermal insulation performance.

Precise Factory Cuts: Custom designed to provide reduced job-site waste disposal, increased labor efficiency and smooth field transitions.



Component
I Insulation
Multi-Ply Single Ply
Type
MI Miter
HT High Thermal
TP Tapered

System Compatibility This product may be used as a component in the following systems. Please reference product application for specific installation methods and information.

Multi-Ply	BUR		APP		SBS			
	HA	CA	CA	HW	HA	CA	HW	SA
Compatible with the selected Multi-Ply systems above								

Single Ply	TPO		PVC		EPDM		
	MF	FA	MF	FA	MF	FA	BA
Compatible with all Single Ply systems							

Key: HA = Hot Applied CA = Cold Applied HW = Heat Weldable SA = Self Adhered MF = Mechanically Fastened FA = Fully Adhered BA = Ballasted

Energy and the Environment

LEED® Recycled Content	Varies with thickness, see Thermal Performance chart on back page.
Complies with EPA, CEPA and Montreal Protocol requirements	

Peak Advantage® Guarantee Information

Systems
For use in approved JM Peak Advantage Roofing Guarantees

Codes and Approvals



- FM® Standards 4450/4470 Approvals (refer to FM RoofNav™)
- UL® Standard 790, 263 and 1256 (refer to UL Roofing Materials system directory)
- Meets the requirements of CAN/ULC S704, Type 2, Class 3
- California Code of Regulations, Title 24, Insulation Quality Standard License #TI-1341
- Third-party certification with the PIMA Quality Mark™ for Long-Term Thermal Resistance (LTTR) values
- Meets Clean Air Act Amendments of 1990

Installation/Application



Hot Asphalt



Urethane Adhesive



Mechanically Fastened



Loose Laid

- May be installed over metal, nailable and non-nailable roof decks in built-up, modified bitumen and single ply membrane roofing systems.
- DiamondBack 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 DiamondBack Pre-Cut Miters are cut, packaged and delivered to the job ready for installation.
- Refer to the application instructions guidelines for proper utilization of this product.

Packaging and Dimensions

Sizes	Customized per job, see back side for miter types
Slopes	See back side for standard slopes
Producing Locations	Hazleton, PA

Refer to the Safe for Use instructions and product label prior to using this product. The Safe for Use instructions are available by calling (800) 922-5922 or on the Web at www.jm.com/roofing.

Note: Technical information on this data sheet is intended to be used as a general guideline only and is subject to change without notice. Contact your JM Sales Representative for further details.

Typical Physical Properties*

Test		ASTM	Values
Strength	Tensile Strength	D 1623	730 psf (35 kPa) (<i>nom</i>)
	Compressive Resistance 10% Consolidation	C 1621	20 psi (138 kPa)
	Dimensional Stability Change – 7 days @158°F (70°C), 90-100% RH	D 2126	<2% Lengthwise & Crosswise
Moisture	Moisture Vapor Permeance, (<i>foam core</i>)	E 96	<1 perm, 57.5 ng/(Pa•s•m ²)
	Water Absorption, % (2 hr)	C 209	<1.0% (<i>max</i>)
Insulation	Service Temperature	D 1623	-100°F – 250°F (-73°C – 121°C)
	Flame Spread, (<i>foam core</i>)	E 84	20-30
	Smoke Developed, (<i>foam core</i>)	E 84	55-250

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

Slopes/Types

DiamondBack Pre-Cut Miters are available in standard slopes of 1/8", 3/16", 1/4" and 1/2" per foot (10.4, 15.6, 20.8 and 41.6 mm/m). Contact your JM Sales Representative for more information.

