

Meets the requirements of ASTM C 1289, Type II, Class 2, Grade 3

Features and Components

Closed Cell Polyisocyanurate Foam Core: Closed cell polyisocyanurate foam technology provides additional insulation value with lightweight and low water absorption characteristics.

Inorganic Coated Glass Facers: (With no cellulose) Provide improved resistance to mold growth, as well as a smooth surface that performs well with self-adhering systems, and efficient adhesive application in adhered single ply systems.

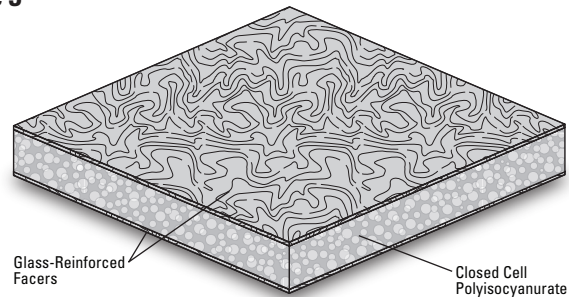
High R-Value (2.9 R): Has more than two times the R-value of wood fiber and more than four times the R-value of gypsum boards.

User Friendly: Allows easy and efficient scoring, cutting and snapping which permits fast, tight fabrication and all in a low dust environment.

Lightweight: Offers labor and installation efficiencies and allows more options for situations where the overall weight is a concern. This also means easy hoisting, staging and maneuvering around the roof.

Up to 50% Fewer Fasteners: Achieves FM 1-90 utilizing 8 fasteners per 4' x 8' board with an adhered reinforced membrane and 11 fasteners per 4' x 8' board with an adhered non-reinforced membrane over a min. 22 ga steel deck or structural concrete deck. Refer to fastening patterns on page 2.

Fire Resistance: Achieves UL Class A approval directly over a combustible wood deck up to 1/2:12" slope.



Component
B Cover Board
Single Ply
Type
PF Poly Foam
HT High Thermal

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	HW	HA	CA	HW	SA	MF
<i>Compatible with the selected Multi-Ply systems above</i>								

Single Ply	TPO				PVC			EPDM		
	MF	AD	SA	IW	MF	AD	IW	MF	AD	BA
<i>Compatible with the selected Single Ply systems above</i>										

Key: HA = Hot Applied CA = Cold Applied HW = Heat Weldable SA = Self Adhered MF = Mechanically Fastened IW = Induction Weld BA = Ballasted AD = Adhered

Energy and the Environment

LEED [®] Recycled Content	Pre-Consumer: 4.8%
Produced with a pentane blowing agent with zero ozone depletion and virtually no global warming potential.	

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 RoofNavSM)
- UL[®] Standard 790 (refer to UL Roofing Materials system directory)
- Meets the requirements of CAN/ULC 704, Type 3, Class 3

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.

Installation/Application



This product to be installed with the printed side, "This side down" facing the deck.

Refer to the application instructions guidelines for proper utilization of this product.

Packaging and Dimensions

Sizes	4' x 4' (1.22 m x 1.22 m)	4' x 8' (1.22 m x 2.44 m)
Thickness	1/2" (1.27 cm)	
Producing Locations	Fernley, NV Cornwall, ONT	Hazleton, PA Jacksonville, FL Bremen, IN
Stocking Locations ¹	Lathrop, CA	Hillsboro, TX

1. Not all sizes and products are stocked at all locations, please call Customer Service at 1-877-766-3295.

Typical Physical Properties

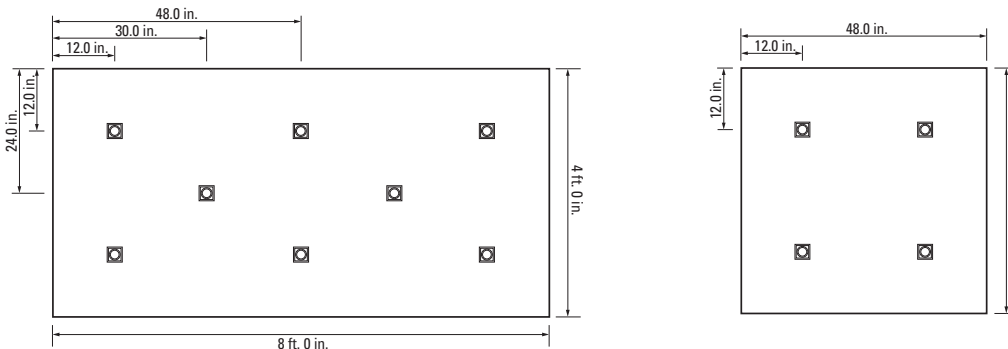
Test		ASTM	Values
Strength	Tensile Strength	C 209	500 psf (24 kPa) (<i>min</i>), 730 psf (35kPa) (<i>nom</i>)
	Compressive Strength	D 1621	25 psi (172 kPa) (<i>min</i>)
	Dimensional Stability Change, (<i>length & width</i>)	D 2126	0.5% (<i>nom</i>), 2% (<i>max</i>)
Moisture	Moisture Vapor Permeance	E 96	<1 perm, 57.5 ng/(Pa•s•m²)
	Water Absorption	C 209	1.5% (<i>max</i>)
	Resistance to Mold	D 3273	Pass
Insulation	Weight, lb/ft², <i>nom</i>	N/A	0.28
	Weight per board (4' x 8'), lb (kg), <i>nom</i>	N/A	9.0 (4.1)

Product Data and Packaging

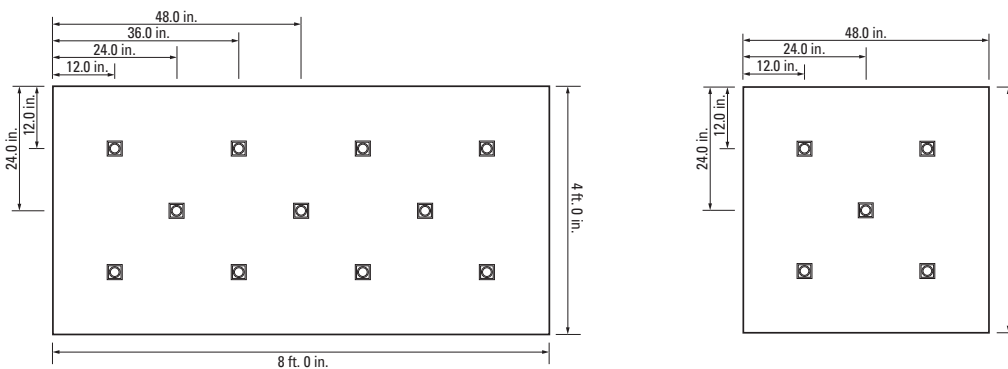
Thickness		Nominal R-Value (Resistance)		Boards per Pallet	Square Feet per Pallet		Pallets per Truck ¹	
in.	mm	(hr•ft²•°F)/BTU	m²•°C/W	4x4 and 4x8	4x4	4x8	4x4	4x8
0.5	1.27	2.9	0.5	44	704	1,408	96	48

1. Assumes 48' flatbed truck.

JM Recommended Fastening Patterns When Utilized with an Adhered Membrane



8 per 4' x 8' board achieves FM 1-90 with adhered reinforced membrane or FM 1-75 with adhered non-reinforced membrane applications over a min. 22 ga steel deck or structural concrete deck.



11 per 4' x 8' board achieves FM 1-90 with adhered non-reinforced membrane applications over a min. 22 ga steel deck or structural concrete deck.

JM Minimum Pre-securement Pattern when used with a Mechanically Fastened Membrane

