SeparatoR® FR

Polyiso Roof Board for Wood Deck Applications

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

Features and Components

UL Class A: When installed over a combustible wood deck and covered with a mechanically fastened, induction welded, or adhered single ply membrane.

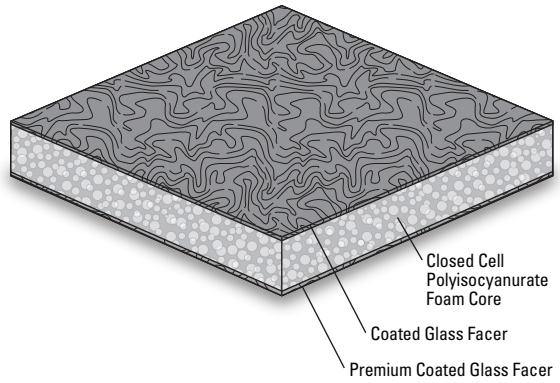
Closed Cell Polyisocyanurate Foam Core: Provides high R-value per inch, light weight, and flexibility.

Inorganic Coated Glass Facers: (With no cellulose) Provide improved resistance to mold growth as well as rigidity and resistance to indentation and crushing for mechanically fastened single ply membrane systems. The premium coated FR facer yields UL Class A combustible deck assembly rating without the need for a gypsum cover board or slip sheet.

High R-Value (2.9 R): Has more than two times the R-value of wood fiber or 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. This also means easy hoisting, staging and maneuvering around the roof.



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
Compatible with the selected Multi-Ply systems above							

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

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 RoofNav℠)
- UL® Standard 790 (refer to UL Roofing Materials system directory)

Installation/Application


Urethane Adhesive

Mechanically Fastened

Typical installation includes a single layer secured over a combustible wood deck and covered with a mechanically fastened or adhered single ply membrane to achieve UL Class A construction.

This product can also be secured utilizing approved standard RhinoPlate patterns under an induction welded thermoplastic membrane.

This product to be installed with the printed side, "This side down" on 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 Hazleton, PA	
Stocking Locations[1]	Tracy, CA	

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

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.

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Typical Physical Properties

Test		ASTM	Values
Strength	Tensile Strength	C 209	500 psf (24 kPa) (min)
	Compressive Resistance 10% Consolidation	D 1621	25 psi (172 kPa) (min)
	Dimensional Stability Change, *(length & width)*	D 2126	2% (max)
Moisture	Moisture Vapor Permeance	E 96	<1.0 perm, 57.3 ng/(Pa · s · m2) (max)
	Water Absorption	C 209	1.5% (max)
	Resistance to Mold	D 3273	Pass
Insulation	Service Temperature	D 1623	-100°F – 250°F (-73°C – 121°C)
	Flame Spread, *(foam core)*	E 84	75 (max)
	Smoke Developed, *(foam core)*	E 84	450 (max)
	Weight, lb-ft^2 (kg-m^2), *nom*	N/A	0.36
	Weight per board (4' x 8'), lb (kg), *nom*	N/A	11.5 (5.2)

Product Data and Packaging

Thickness		Long-Term Thermal Resistance (LTTR) Values[1]		Boards per Pallet	Square Feet per Pallet		Pallets per Truck[3]	
in.	mm	(hr•ft^2•°F)/BTU	m^2•°C/W	4x4 and 4x8	4x4	4x8	4x4	4x8
0.5	1.27	2.9	0.5	44	704	1,408	96	48

1. The Long-Term Thermal Resistance (LTTR) values were determined in accordance with CAN/ULC S770 at 75°F (24°C). The ultimate R-Value of these products will depend on individual installation circumstances. 2. Value represents average results (Grade 2/Grade 3). 3. Assumes 48' flatbed truck.

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