

Meets the requirements of ASTM C 728, Type 2

Features and Components

TopLoc® Coating: Top surface is sealed with this special coating to reduce excessive asphalt absorption in hot-asphalt applied roofing systems.

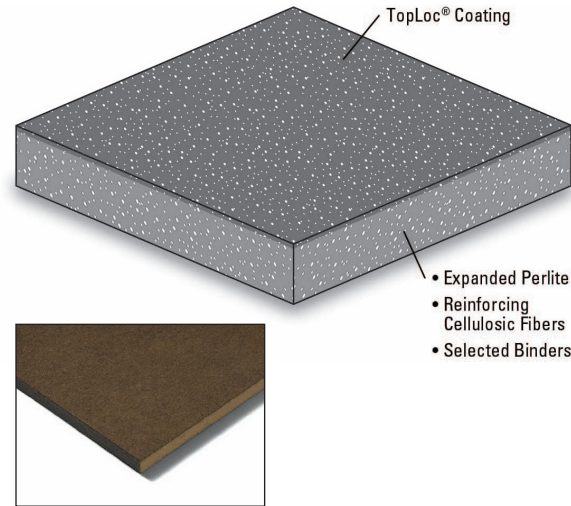
Expanded Perlite: Provides good dimensional stability, excellent insulation value with stable R-value and superior fire resistance.

Reinforcing Cellulosic Fibers: Consists of recycled newsprint to provide strength to the board as well as high recycled content. JM utilizes third party certification by UL environment to certify the recycled content and contributes to the LEED Materials and Resource (MR) credit 4.

High Density*: Allows for installations directly over a wide flute or metal deck application for spans up to 2 ½" and resists damage from construction and maintenance.

Hot Asphalt Friendly: Can be used as a cover board in re-roofing and new construction, proven to reduce the tendency for blistering in hot asphalt applications.

*For direct to deck application, contact JM technical services for specific requirements and system compatibility



Component
B Cover Board
Multi-Ply Single Ply
Type
PL Perlite
LT Low Thermal
HD High Density

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
Do not use in single ply systems										

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	24% minimum
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Peak Advantage® Guarantee Information

Systems	Guarantee Term*
When used in most 2-5 ply BUR and SBS systems	10, 15 or 20 years

* Contact JM Technical Services for specific systems or terms over 20 years.

Codes and Approvals



Installation/Application



Refer to the Application Guides and Detail Drawings for instructions.

Packaging and Dimensions

Size	4' x 4' (1.22 m x 1.22 m)
Thickness	1" (2.54 cm)
Board Weight	16 lb (7.26 kg)
Ft ² /Pallet	800
Boards/Pallet	50
Pallet Weight (lbs)	800
Pallets per Truck*	48
Producing Location	Rockdale, IL

* Assumes 48' flatbed truck.

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Typical Physical Properties

Test		ASTM	FESCO Board HD
Strength	Board Density, pcf (kg/m ³), <i>min</i>	C 209	10.0 (160)
	Compressive Strength, psi (kPa) 5% Consolidation 10% Consolidation	C 165	30 (207) 40 (311)
	Laminar Tensile Strength, psi (kPa), <i>nom</i>	C 209	7 (48)
	Flexural Strength, psi (kPa), <i>nom</i>	C 203	135 (931)
Moisture	Water Absorption, % by vol, <i>max</i>	C 209	1.5
Insulation	Linear Expansion, %, <i>max</i>	C 209	0.5
	Flute Span, in. (thickness), <i>max</i>	E 661	2 ½ (1 in.)
	Weight per ft ² , lbs, <i>nom</i>	NA	1.0

Thermal Performance

Test	Thickness		R-Value (Resistance)	
	in.	mm	(hr•ft ² •°F)/BTU	m ² •°C/W
	1	25.4	2.78	0.49
Test	ASTM	FESCO Board HD		
Flame Spread	E 84	35		
Smoke Developed	E 84	10		

Technical specifications as shown in this literature are intended to be used as general guidelines only. Please refer to the Safety Data Sheet and product label prior to using this product. The Safety Data Sheet is available by calling (800) 922-5922 or on the web at www.jm.com/roofing. The physical and chemical properties of the product listed herein represent typical, average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. They are supplied as a technical service and are subject to change without notice. Check with the regional sales representative nearest you for current information.

All Johns Manville products are sold subject to Johns Manville's standard Terms and Conditions, which includes a Limited Warranty and Limitation of Remedy. For a copy of the Johns Manville standard Terms and Conditions or for information on other Johns Manville roofing products and systems, visit www.jm.com/terms-conditions.