

Meets the requirements of ASTM C 728, Type 1

Features and Components

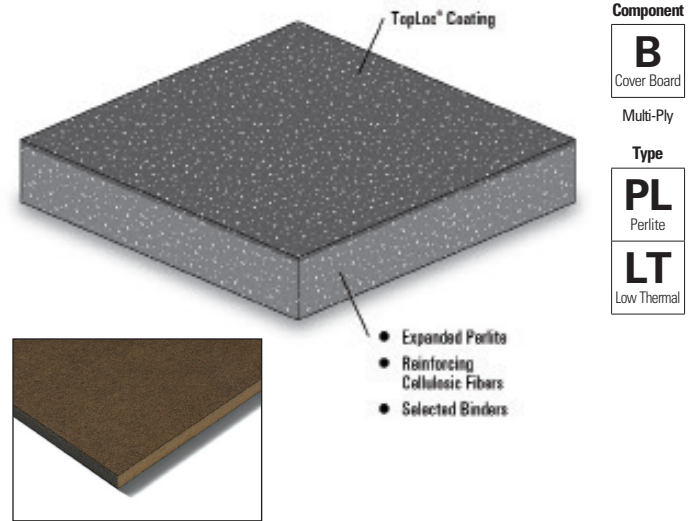
TopLoc® Coating: Top surface is sealed with this special coating to reduce excessive asphalt absorption in hot-asphalt applied roofing systems.

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

Low Thermal Insulation Board: Composed of expanded perlite, reinforcing cellulosic fibers and selected binders.

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.

Hot Asphalt Friendly: Protective cover board or low thermal insulation board proven to reduce the tendency for blistering in hot asphalt applications.



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	IV	MF	AD	BA
<i>Do not use in single ply systems</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	27% minimum* *Johns Manville Fesco Roofing Product Line contains an average of 86% pre-consumer and 14% post-consumer recycled paper.
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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	2' x 4' (0.61 m x 1.22 m)			
	¾"	1"	1½"	2"
Thickness*	(1.91 cm)	(2.54 cm)	(3.81 cm)	(5.08 cm)
Board Weight (lb)	6	7	12	15
Ft²/Bundle	96	80	48	40
Boards/Bundle	12	10	6	5
Bundles/Pallet	10	10	10	10
Pallet Weight (lb)	715	740	715	740
Pallets per Truck*	48			
Size	4' x 4' (1.22 m x 1.22 m)			
	¾"	1"	1½"	2"
Thickness*	(1.91 cm)	(2.54 cm)	(3.81 cm)	(5.08 cm)
Board Weight (lb)	12	15	24	30
Ft²/Pallet	960	800	480	400
Boards/Pallet	60	50	30	25
Pallet Weight (lb)	715	735	715	735
Pallets per Truck**	48			
Producing Location	Rockdale, IL			

* ¾" and 1" thicknesses are homogenous, 1½" and 2" thicknesses are laminated

** Assumes 48' flatbed truck.

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Typical Physical Properties

Test	ASTM	Fesco Board	
Strength	Board Density, pcf (kg/m ³), <i>min</i>	C 209	8 (128)
	Compressive Strength 5% Consolidation, psi (kPa), <i>nom</i>	C 165	30 (207)
	Laminar Tensile Strength, psi (kPa), <i>nom</i>	C 209	8 (55)
	Flexural Strength, psi (kPa), <i>nom</i>	C 203	65 (448)
	Break Load, lbs, <i>nom</i>	C 203	9 (¾ in.), 13 (1 in.), 23 (1½ in.)
Moisture	Moisture Content, wt%, <i>nom</i>	N/A	1.5
	Water Absorption, % by vol, <i>max</i>	C 209	1.5
Installation	Linear Expansion, %, <i>max</i>	C 209	0.5
	Flute Span, in. (thickness), <i>max</i>	E 661	1 (¾ in.), 1.75 (1 in.), 2.5 (1½ in.)
	Weight per ft ² , lbs (thickness), <i>nom</i>	NA	0.8 (¾"), 1 (1"), 1.5 (1½"), 1.9 (2")

Thermal Performance

Thickness	R-Value (Resistance)		
	in.	mm	(hr•ft ² •°F)/BTU
¾	19	1.7	0.30
1	25	2.3	0.41
1½	38	3.4	0.60
2	51	4.5	0.79

Test	ASTM	Fesco Board
Flame Spread	E 84	25
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.