

### Meets the requirements of ASTM C 728, Type 1

#### Features and Components

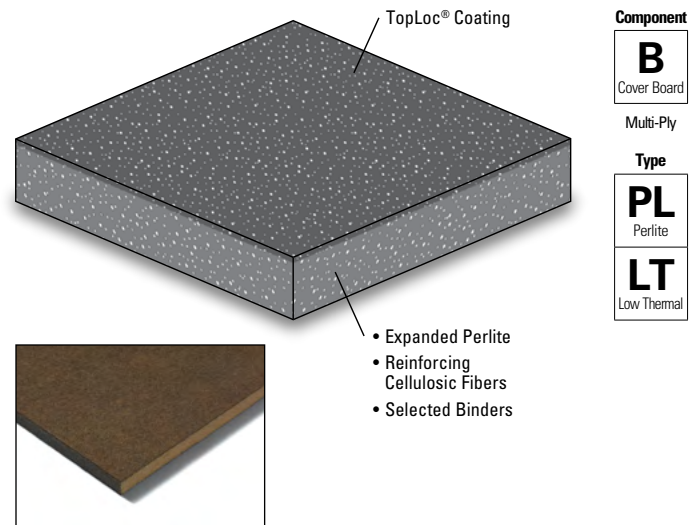
**TopLoc® Coating:** Top surface is sealed with this special coating to reduce excessive asphalt absorption in hot-asphalt applied roofing systems.

**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	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
Do not use with 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	34% average For post and pre-consumer recycled content percentages, visit the Fesco Board product page on the JM roofing Web site.
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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)				
Thickness*	¾" (1.91 cm)	1" (2.54 cm)	1½" (3.81 cm)	2" (5.08 cm)	3" (7.62 cm)
Board Weight (lb)	6	7	12	15	22
Ft²/Bundle	96	80	48	40	24
Boards/Bundle	12	10	6	5	3
Bundles/Pallet	10	10	10	10	10
Pallet Weight (lb)	715	740	715	740	650
Pallets per Truck*	48				
Size	4' x 4' (1.22 m x 1.22 m)				
Thickness*	¾" (1.91 cm)	1" (2.54 cm)	1½" (3.81 cm)	2" (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", 1", and 1½" thicknesses are homogenous, 2" and 3" thicknesses are laminated

\*\* Assumes 48' flatbed truck.

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](http://www.jm.com/roofing).

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## Typical Physical Properties

Test	ASTM	Fesco Board
<b>Strength</b>	Board Density, pcf (kg/m <sup>3</sup> ), <i>min</i>	8 (128)
	Compressive Strength 5% Consolidation, psi (kPa), <i>nom</i>	30 (207)
	Laminar Tensile Strength, psi (kPa), <i>nom</i>	8 (55)
	Flexural Strength, psi (kPa), <i>nom</i>	65 (448)
	Break Load, lbs, <i>nom</i>	9 (¾ in.), 13 (1 in.), 23 (1½ in.)
<b>Moisture</b>	Moisture Content, wt%, <i>nom</i>	1.5
	Water Absorption, % by vol, <i>max</i>	1.5
<b>Installation</b>	Linear Expansion, %, <i>max</i>	0.5
	Flute Span, in. (thickness), <i>max</i>	1 (¾ in.), 1.75 (1 in.), 2.5 (1½ in.)
	Weight per ft <sup>2</sup> , lbs (thickness), <i>nom</i>	0.8 (¾"), 1 (1"), 1.5 (1½"), 1.9 (2"), 2.7 (3")

## Thermal Performance

Thickness		R-Value (Resistance)	
in.	mm	(hr•ft <sup>2</sup> •°F)/BTU	m <sup>2</sup> •°C/W
¾	19	2.0	0.35
1	25	2.7	0.48
1½	38	4.1	0.72
2	51	5.4	0.95
3	76	8.1	1.47
<b>Test</b>	<b>ASTM</b>	<b>Fesco Board</b>	
Flame Spread	E 84	25	
Smoke Developed	E 84	10	