

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

#### Features and Components

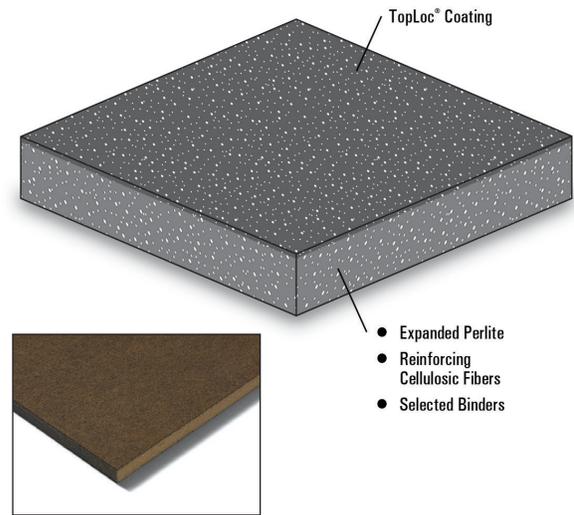
**TopLoc® Coating:** Top surface is sealed with this special coating to reduce excessive asphalt absorption in hot-asphalt applied roofing systems.

**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.



<b>Component</b>
<b>B</b> Cover Board
Multi-Ply
<b>Type</b>
<b>PL</b> Perlite
<b>LT</b> Low 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	CA	HW	HA	CA	HW	SA	MF
Compatible with the selected Multi-Ply systems above									

Single Ply	TPO			PVC		EPDM		
	MF	AD	SA	MF	AD	MF	AD	BA
Do not use with Single Ply systems								

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

### Energy and the Environment

LEED®	Recycled Content	32% average For post and pre-consumer recycled content percentages, visit the Fesco Board product page on the JM roofing Web site.
-------	------------------	---



### 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)
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)			
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" and 1" thicknesses are homogenous, 1½" and 2" 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).

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

**Typical Physical Properties**

Test		ASTM	Fesco Board
Strength	Board Density, pcf (kg/m <sup>3</sup> ), <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 <sup>2</sup> , 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 <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

Test	ASTM	Fesco Board
Flame Spread	E 84	25
Smoke Developed	E 84	10