

### 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.

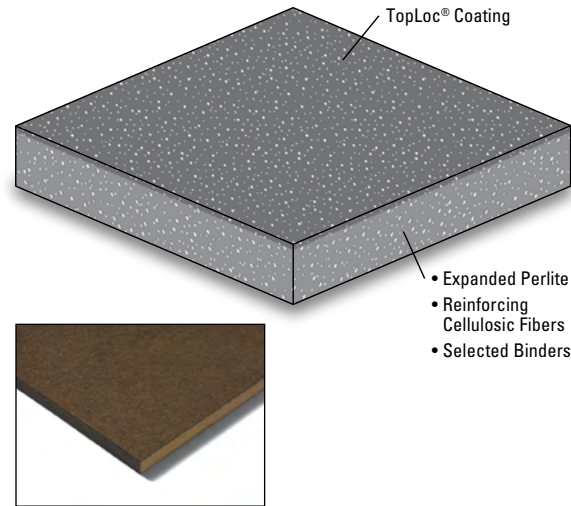
**Expanded Perlite:** Provides good dimensional stability, excellent insulation value with stable R-value and superior fire resistance.

**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 2½" 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



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

Single Ply	TPO		PVC		EPDM		
	MF	FA	MF	FA	MF	FA	BA
<b>Do not use with Single Ply systems</b>							

**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	27% average For post and pre-consumer recycled content percentages, visit the Fesco Board HD 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	4' x 4' (1.22 m x 1.22 m)
Thickness	1" (2.54 cm)
Board Weight	16 lb (7.26 kg)
Ft <sup>2</sup> /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
<b>Strength</b>	Board Density, pcf (kg/m <sup>3</sup> ), <i>min</i>	10.0 (160)
	Compressive Strength 5% Consolidation, psi (kPa), <i>nom</i>	30 (207)
	Laminar Tensile Strength, psi (kPa), <i>nom</i>	7 (48)
	Flexural Strength, psi (kPa), <i>nom</i>	135 (931)
<b>Moisture</b>	Water Absorption, % by vol, <i>max</i>	1.5
<b>Insulation</b>	Linear Expansion, %, <i>max</i>	0.5
	Flute Span, in. (thickness), <i>max</i>	2½ (1 in.)
	Weight per ft <sup>2</sup> , lbs, <i>nom</i>	1.0

### Thermal Performance

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