

### Meets the requirements of ASTM C 728, Type 2

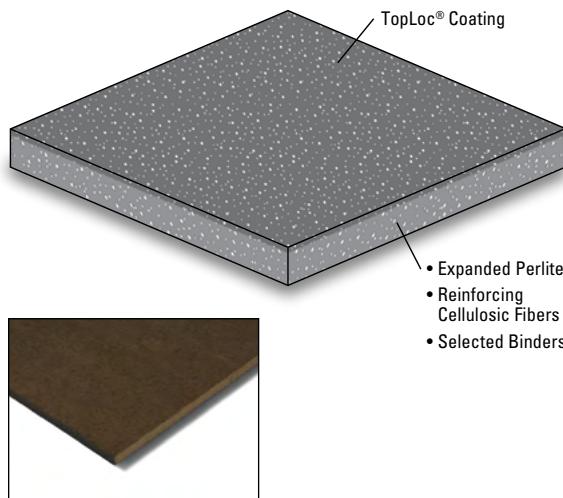
#### Features and Components

**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 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.

**Hot Asphalt Friendly:** Utility board for use as a divorcing layer in re-roofing and in new construction as a top layer in multi-layer insulation systems proven to reduce the tendency for blistering in hot asphalt applications.



Component
<b>B</b>
Cover Board
<b>Multi-Ply</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
<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	39% average For post and pre-consumer recycled content percentages, visit the 1/2" Retro-Fit 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)	4' x 4' (1.22 m x 1.22 m)	4' x 8' (1.22 m x 2.44 m)
Thickness	1/2" (1.27 cm)		
Board Weight (lbs)	4.4	8.9	17.2
Ft <sup>2</sup> /Pallet	1,536	1,536	3,072
Boards/Pallet	192	96	96
Pallet Weight (lbs)	850	850	1,650
Pallets per Truck*	48	48	24
Producing Location	Rockdale, IL		

\* Assumes 48' flatbed truck.



# 1/2" RETRO-FIT™ BOARD

Perlite-Based Cover Board

Meets the requirements of **ASTM C 728, Type 2**

## Typical Physical Properties

Test		ASTM	1/2" Retro-Fit Board
Strength	Board Density, pcf (kg/m <sup>3</sup> )	C 209	12 (192)
	Compressive Strength, psi (kPa) 5% Consolidation	C 165	35 (241)
	10% Consolidation		50 (345)
	Laminar Tensile Strength, psi (kPa), <i>min</i>	C 209	4.9 (34)
Moisture	Flexural Strength, psi (kPa)	C 203	60 (414)
	Water Absorption, % by vol (2 hr), <i>max</i>	C 209	3.5
	Linear Expansion, % <i>max</i>	C 209	0.5
Installation	Flute Span, in.	E 661	
	Weight per ft <sup>2</sup> , lbs	NA	0.6

## Thermal Performance

Thickness		Nominal R-Value (Resistance)	
in.	mm	(hr·ft <sup>2</sup> ·°F)/BTU	m <sup>2</sup> ·°C/W
1/2	13	1.32	0.23
Test	ASTM	1/2" Retro-Fit Board	
Flame Spread	E 84	30	
Smoke Developed	E 84	20	