

Meets the requirements of ASTM C 1325

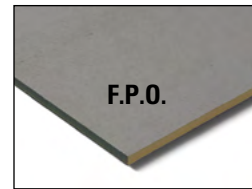
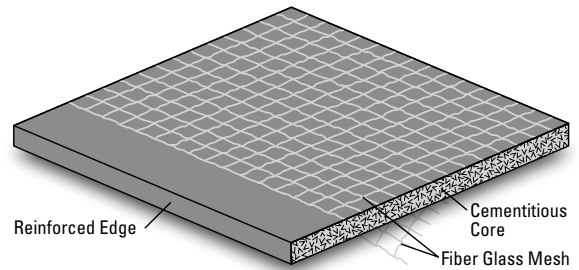
Features and Components

Durability: Composed of a lightweight cementitious core to provide exceptional impact resistance.

Strength: Exceptionally high compressive strength improves overall roof system performance. Cement board is able to withstand prolonged exposure to moisture and is ideal for systems where wind uplift and puncture resistance are a concern.

Fire Performance: FM Class 1 for fire barrier requirements and UL Class A unlimited slope with excellent surface burning characteristics.

Moisture and Mold Resistance: Cement based core provides superior moisture, mold, and mildew resistance. Scores a maximum "10" for mold resistance when tested per ASTM D 3273.



Component
B Cover Board
Multi-Ply Single Ply
Type
CM Cement
LT 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
Compatible with all Multi-Ply Systems								

Single Ply	TPO		PVC		EPDM		
	MF	FA	MF	FA	MF	FA	BA
Compatible with the selected Single Ply systems above							

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

Peak Advantage® Guarantee Information

Systems	Guarantee Term*
When used in most multi-ply and single ply systems	10, 15, or 20 years

* Contact JM Technical Services for specific systems or terms over 20 years.

Codes and Approvals



Installation/Application



Urethane Adhesive



Mechanically Fastened

Refer to the Application Guides and Detail Drawings for instructions.

Packaging and Dimensions

Size	4' x 4' (1.22 m x 1.22 m)	4' x 8' (1.22 m x 2.44 m)
Thickness, nom	3/16" (11.1 mm)	
Weight/Board, nom	34 lbs (15.4 kg)	67 lbs (30.4 kg)
Coverage/Pallet	480 ft ² (44.6 m ²)	960 ft ² (89 m ²)
Boards/Pallet	30	
Pallet Weight	1,067 lbs (484 kg)	2,110 lbs (957.1 kg)
Pallets per Truck*	46	23
Producing Location	Clinton, IN	

* Assumes 48' flatbed truck.

Refer to the Safe for Use instructions and product label prior to using this product. The Safe for Use instructions are available by calling (800) 922-5922 or on the Web at www.jm.com/roofing.

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Note: Technical information on this data sheet is intended to be used as a general guideline only and is subject to change without notice. Contact your JM Sales Representative for further details.

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Typical Physical Properties

Test		ASTM	JM DEXcell Cement Roof Board	
			7/16" (11.1 mm)	
Strength	Compressive Strength, psi (kPa), <i>nom</i>	D 2394	1250 (8,618)	
	Flexural Strength, psi, <i>min</i>	C 947	1000	
	Bending Radius, ft (m), <i>max</i>	NA	5 (1.5)	
Moisture	Moisture Vapor Permeance, perms (ng/(Pa•s•m ²)), <i>max</i>	E 96	>5 (285)	
	Water Absorption, % by wt, <i>max</i>	C 1177	<10	
	Mold Resistance	D 3273	10	
Installation	Flute Span, in (cm), <i>max</i>	E 661	12 (30.4)	
	Weight, lb/ft ² (kg/m ²), <i>nom</i>	NA	2.1 (10.3)	

Thermal Performance

Test	Thickness		Nominal R-Value (Resistance)	
	in.	mm	(hr•ft ² •°F)/BTU	m ² •°C/W
	7/16	11.1	0.28	0.049
Test	ASTM	JM DEXcell Cement Roof Board		
Flame Spread	E 84	0		
Smoke Developed	E 84	0		