

Meets the requirements of ASTM C 1325

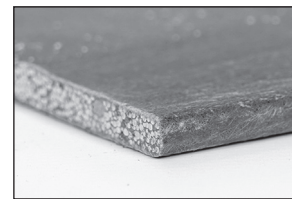
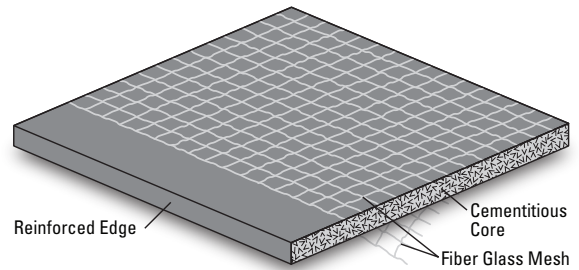
Features and Components

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	HW	HA*	CA	HW	SA	MF
Compatible with the selected Multi-Ply systems above								

Single Ply	TPO				PVC			EPDM	
	MF	AD	SA	IW	MF	AD	IW	MF	AD 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 IW = Induction Weld BA = Ballasted AD = Adhered

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	7/16" (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.

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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	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•m²), <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/ft² (kg/m²), <i>nom</i>	NA	2.1 (10.3)	

Thermal Performance

Test	Thickness		Nominal R-Value (Resistance)	
	in.	mm	(hr•ft²•°F)/BTU	m²•°C/W
	7/16	11.1	0.28	0.049
Test	ASTM	DEXcell Cement Roof Board		
Flame Spread	E 84	0		
Smoke Developed	E 84	0		

Technical specifications as shown in this literature are intended to be used as general guidelines only. Please 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. The physical and chemical properties of the product listed herein represent typical, average values obtained in accordance with accepted test methods and are subject to normal manufacturing variations. They are supplied as a technical service and are subject to change without notice. Check with the regional sales representative nearest you for current information.

All Johns Manville products are sold subject to Johns Manville's standard Terms and Conditions, which includes a Limited Warranty and Limitation of Remedy. For a copy of the Johns Manville standard Terms and Conditions or for information on other Johns Manville roofing products and systems, visit www.jm.com/terms-conditions.