

Meets the requirements of ASTM C 1325

Features

Ideal for liquid applied membrane roof systems.

Strength: Engineered to provide superior wind-uplift performance for a wide variety of roof assemblies. The board is formed using an aggregated portland cement slurry with a polymer-coated, glass-fiber mesh completely encompassing edges and both surfaces, to enhance bond strength of membrane systems and gives excellent resistance to delamination.

Fire Performance: Provides excellent fire performance with unlimited slope classifications and is non-combustable per UL 790.

Moisture and Mold Resistance: Cement based, highly water durable board, scored 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*
Intended to be used in JM SeamFree [™] PMMA 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

Sizes	4' x 8' (1.22 m x 2.44 m)
Thickness (nom)	½" (12.7 mm)
Weight/Board	77 lb (35 kg)
Coverage/Pallet	960 ft ² (89.2 m ²)
Boards/Pallet	30
Pallet Weight	2,375 lb (1,077.3 kg)
Pallets per Truck*	20
Producing Location	Detroit, MI

* Assumes 48' flatbed truck.

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Typical Physical Properties

Test		ASTM	JM SECUROCK Cement Roof Board
Strength	Compressive Strength, psi (kPa), <i>nom</i>	C 1278	>1,000 (>6,895)
	Flexural Strength, parallel, psi (kPa), <i>min</i>	C 947	>750 (>5,171)
	Bending Radius, ft (m), <i>max</i>	NA	6 (1.8)
Moisture	Moisture Vapor Permeance, perms (ng/(Pa•s•m ²), <i>max</i>	E 96	5.84
	Water Absorption, % by weight, <i>max</i>	C 473	<15
	Mold Resistance	D 3273	10
Installation	Flute Span, in (cm), <i>max</i>	E 661	12 (30.5)
	Weight, lb/ft ² (kg/m ²), <i>nom</i>	NA	2.4 (11.7)
	Linear variation with change in moisture, in/in • %RH	D 1037	<0.07
	Coefficient of Thermal Expansion, in/in • °F	E 831	4.5 x 10 ⁻⁶

Thermal Performance

Test	Thickness		Nominal R-Value (Resistance)	
	in.	mm	(hr•ft ² •°F)/BTU	m ² •°C/W
	½	12.7	0.39	0.07
Test	ASTM	JM SECUROCK Cement Cover Board		
Flame Spread	E 84	0		
Smoke Developed	E 84	0		