

Meets the requirements of ASTM C 1177

Features and Components

Handleability: Unmatched mat-to-core tensile bond strength, easy to cut and has reduced facer delamination.

Fire Performance: Provides excellent fire performance, and demonstrates exceptional surface burning characteristics. 5/8" thickness meets the requirements of Type X per ASTM C 1177.

Moisture and Mold Resistance: Fiber glass facer and back with treated core delivers moisture and mildew resistance.



Component

B
Cover Board

Multi-Ply
Single Ply

Type

GY
Gypsum

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	MF
<i>Do not use in multi-ply systems</i>									

Single Ply	TPO				PVC			EPDM		
	MF	AD	SA	IW	MF	AD	IW	MF	AD	BA
<i>Compatible with the selected single ply systems above</i>										

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 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



Mechanically Fastened

Refer to the Application Guides and Detail Drawings for instructions.

Packaging and Dimensions

Size	4' x 8' (1.22 m x 2.44 m)		
Thickness, nom	¼" (6.35 mm)	½" (12.7 mm)	⅝" (15.9 mm)
Weight/Board, nom	38 lbs (17.2 kg)	54 lbs (24.5 kg)	70 lbs (31.8 kg)
Coverage/Pallet	1,344 ft² (124.9 m²)	960 ft² (89.2 m²)	960 ft² (89.2 m²)
Boards/Pallet	42	30	30
Pallet Weight	1,688 lb (765.7 kg)	1,632 lb (740.3 kg)	2,112 (958 kg)
Pallets per Truck*	27	27	20
Producing Location	Sweetwater, TX		Plaster City, CA

* Assumes 48' flatbed truck.

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Typical Physical Properties

Test		ASTM	SECUROCK Ultralight Glass Mat Roof Board		
			¼" (6.35 mm)	½" (12.7 mm)	⅝" (15.9 mm)
Strength	Compressive Strength, psi (kPa), <i>nom</i>	C 1177	700 - 1,000 (4,826 - 6,895)		
	Flexural Strength, lb, parallel, <i>min</i>	C 473	40	80	100
	Bending Radius, ft (m), <i>max</i>	NA	4 (1.22)	6 (1.83)	9 (2.74)
Moisture	Moisture Vapor Permeance, perms (ng/(Pa•s•m²), <i>max</i>	E 96	18 (1,030)	18 (1,030)	16 (915)
	Water Absorption, % by wt, <i>max</i>	C 473	10		
	Mold Resistance	D 3273	10		
Installation	Flute Span, in (cm), <i>max</i>	E 661	2 5/8 (6.7)	5 (12.7)	8 (20.3)
	Weight, lb/ft² (kg/m²), <i>nom</i>	NA	1.2 (5.9)	1.7 (8.3)	2.2 (10.7)
	Linear variation with change in moisture, in/in • %RH	D 1037	6.3 x 10 ⁻⁶		
	Coefficient of Thermal Expansion, in/in • °F	E 831	8 x 10 ⁻⁶		

Thermal Performance

Thickness	Nominal R-Value (Resistance)		
	in.	mm	(hr•ft²•°F)/BTU
¼	6.35	0.36	0.06
½	12.7	0.53	0.09
⅝	15.9	0.54	0.10

Test	ASTM	SECUROCK Ultralight Glass Mat 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.