

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
<i>Do not use in Multi-Ply systems</i>								

Single Ply	TPO		PVC		EPDM		
	MF	FA	MF	FA	MF	FA	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 FA = Fully Adhered BA = Ballasted

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	40 lbs (18.14 kg)	67 lbs (30.39 kg)	89 lbs (40.37 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)	1,995 lb (904.9 kg)	2,667 (1 209.7 kg)
Pallets per Truck*	28	24	18
Producing Location	Sweetwater, TX		

* Assumes 48' flatbed truck.

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Typical Physical Properties

Test		ASTM	JM SECUROCK 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 (0.54)	2.0 (0.91)	2.7 (1.23)
	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	JM SECUROCK Glass Mat Board
Flame Spread	E 84	0
Smoke Developed	E 84	0