

### Meets the requirements of ASTM C 1278

#### Features

**Strength:** Engineered to provide high wind-uplift performance. Uniform composition providing enhanced bond strength of membrane systems with no risk of 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:** Integral water-resistant core scored a maximum "10" for mold resistance when tested per ASTM D 3273.



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
<b>Compatible with all Multi-Ply systems</b>								

Single Ply	TPO		PVC		EPDM		
	MF	FA	MF	FA	MF	FA	BA
<b>Compatible with the selected Single Ply systems above</b>							

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

### Energy and the Environment

LEED <sup>®</sup>	Recycled Content	Pre-Consumer: 97% (SCS Certified)
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### Peak Advantage<sup>®</sup> Guarantee Information

Systems	Guarantee Term*
When used in most 2-5 ply multi-ply or 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



Refer to the Application Guides and Detail Drawings for instructions.

### Packaging and Dimensions

Sizes	4' x 4' (1.22 m x 1.22 m) 4' x 8' (1.22 m x 2.44 m)			
	Thickness (nom)	1/4" (6.35 mm)	3/8" (9.5 mm)	1/2" (12.7 mm)
Weight/Board	50 lb (22.68 kg)	63 lb (28.58 kg)	88 lb (39.92 kg)	102 lb (46.27 kg)
Coverage/Pallet	1,600 ft <sup>2</sup> (148.7 m <sup>2</sup> )	1,280 ft <sup>2</sup> (118.9 m <sup>2</sup> )	960 ft <sup>2</sup> (89.2 m <sup>2</sup> )	768 ft <sup>2</sup> (71.4 m <sup>2</sup> )
Boards/Pallet	50	40	30	24
Pallet Weight	2,575 lb (1,168.0 kg)	2,575 lb (1,168.0 kg)	2,725 lb (1,236.0 kg)	2,525 lb (1,145.3 kg)
Pallets per Truck*	17	17	18	18
Producing Locations	Gypsum, OH			

\* Assumes 48' flatbed truck.

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](http://www.jm.com/roofing).

SECUROCK<sup>®</sup> is registered trademark of United States Gypsum Company. SECUROCK<sup>®</sup> is manufactured by United States Gypsum Company and is marketed by Johns Manville as JM<sup>®</sup> SECUROCK<sup>®</sup>.



# JM<sup>®</sup> SECUROCK<sup>®</sup> GYPSUM-FIBER ROOF BOARD

Gypsum and Cellulose Fiber Cover Board

Meets the requirements of ASTM C 1278

## Typical Physical Properties

Test	ASTM	JM SECUROCK Gypsum-Fiber Roof Board				
		¼" (6.35 mm)	⅜" (9.5 mm)	½" (12.7 mm)	⅝" (15.9 mm)	
<b>Strength</b>	Compressive Strength, psi (kPa), <i>nom</i>	C 1278	1,800 (12,411)			
	Flexural Strength, lb, parallel, <i>min</i>	C 473	40	70	110	161
	Bending Radius, ft (m), <i>max</i>	NA	25 (7.62)	25 (7.62)	25 (7.62)	30 (9.14)
<b>Moisture</b>	Moisture Vapor Permeance, perms (ng/(Pa·s·m²), <i>max</i>	E 96	30 (1,716)	26 (1,487)	26 (1,487)	24 (1,373)
	Water Absorption, % by wt, <i>max</i>	C 473	10			
	Surface Water Absorption, g, <i>nom</i>	C 473	1.6			
	Mold Resistance	D 3273	10			
<b>Installation</b>	Flute Span, in (cm), <i>max</i>	E 661	2 5/8 (6.7)	5 (12.7)	8 (20.3)	10 (25.4)
	Weight, lb/ft² (kg/m²), <i>nom</i>	NA	1.57 (7.67)	1.96 (9.57)	2.76 (13.48)	3.20 (15.62)
	Linear variation with change in moisture, in/in • %RH	D 1037	8 x 10 <sup>-6</sup>			
	Coefficient of Thermal Expansion, in/in • °F	E 831	8 x 10 <sup>-6</sup>			

## Thermal Performance

Thickness	Nominal R-Value (Resistance)		
	in.	mm	(hr·ft²·°F)/BTU
¼	6.35	0.2	0.04
⅜	9.5	0.3	0.05
½	12.7	0.5	0.09
⅝	15.9	0.6	0.11

  

Test	ASTM	JM SECUROCK Gypsum-Fiber Board
Flame Spread	E 84	5
Smoke Developed	E 84	0

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