



JM® SECUROCK® Gypsum-Fiber Roof Board

Description

JM SECUROCK Gypsum-Fiber Roof Board is a high-performance roof board uniquely comprised of gypsum and cellulose fibers. The board is engineered for exceptional strength and fire performance and delivers excellent wind uplift in many low slope commercial roofing systems without risk of facer delamination.

Use

Use JM SECUROCK Gypsum-Fiber Roof Board as an overlayment and/or separator board where high wind uplift performance is required. It may also be used as a thermal and fire barrier where fire resistance performance is required. Approved for use in single ply, built-up and modified bitumen roofing systems.

Code Approvals and Testing

FM Global approvals over structural concrete and steel decks with wind uplift performance ranging from 1-75 to 1-495. Underwriters Laboratories Inc. Class A constructions for both combustible and noncombustible low slope assemblies. Miami-Dade County Product Control Approved NOA#10-0506.03.

Energy and the Environment

LEED®	Recycled Content	
	Pre-Consumer:	95% (SCS Certified)
	Producing Locations	
	Gypsum, OH	



Advantages

- **Exceptional 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. Demonstrates exceptional surface burning characteristics (ASTM E84 Flame Spread 5, Smoke Developed 0).
- **Excellent Moisture and Mold Resistance** – Integral water-resistant core. Scored a maximum "10" for mold resistance when tested per ASTM D 3273.
- **Versatile** – Can be used as a component in single ply, fluid-applied, built-up, spray foam, metal and modified bitumen roofing.
- **Sustainable** – Made from 95% recycled materials, earning an independent certification from Scientific Certification Systems.

Typical Physical Properties

Meets the physical requirements of ASTM C 1278

	1/4" (6.6 mm)	3/8" (9.5 mm)	1/2" (12.7 mm)	5/8" (15.9 mm)
Width, standard	4' (1,220 mm)	4' (1,220 mm)	4' (1,220 mm)	4' (1,220 mm)
Length, standard	4' (1,220 mm) and 8' (2,440 mm)	4' (1,220 mm) and 8' (2,440 mm)	4' (1,220 mm) and 8' (2,440 mm)	4' (1,220 mm) and 8' (2,440 mm)
Pieces/unit for 4' x 8' sheet	50	40	30	24
Weight, nominal lb/unit, 4' x 8' sheet	2,375	2,595	2,445	2,432
Weight, nominal lb/ft ²	1.43	1.97	2.47	3.06
Flexural strength, parallel, lb min., per ASTM C 473	40	70	110	161
Compressive strength, psi nom.	1,250	1,000	500	500
Flute spannability per ASTM E 661	2 5/8"	5"	8"	8"
Permeance, perms, per ASTM E 96	30	26	26	24
R Value per ASTM C 518	0.2	0.3	0.5	0.6
Coefficient of thermal expansion, in./in. • °F, per ASTM E 831	x 10 ⁻⁶	x 10 ⁻⁶	x 10 ⁻⁶	x 10 ⁻⁶
Linear variation with change in moisture, in./in. • %RH, per ASTM D 1037	x 10 ⁻⁶	x 10 ⁻⁶	x 10 ⁻⁶	x 10 ⁻⁶
Water absorption, % max, per ASTM C 473	10	10	10	10
Surface water absorption, nom. g, per ASTM C 473	1.6	1.6	1.6	1.6
Mold resistance per ASTM D 3273*	10	10	10	10
Bending Radius	25'	25'	25'	30'
Flame Spread, ASTM E84	5	5	5	5
Smoke developed, ASTM E84	0	0	0	0

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

Refer to the Material Safety Data Sheet and product label prior to using this product.