

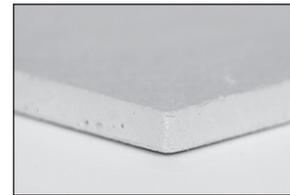
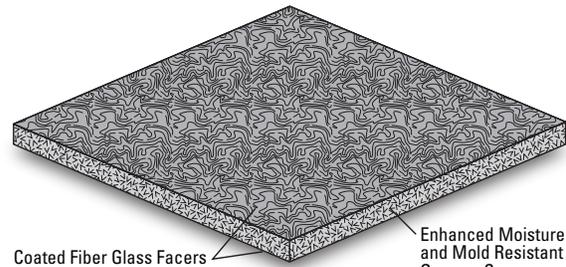
Meets the requirements of ASTM C 1177

Features and Components

Handleability: Coated fiberglass facer ideal for mechanically fastened systems improves handling and strength. Scores and snaps easily.

Fire Performance: FM Class 1 for fire barrier requirements and UL Class A unlimited slope with excellent surface burning characteristics. 5/8" thickness meets the requirements of Type X per ASTM C 1177.

Moisture and Mold Resistance: Enhanced mold resistant core and coated fiberglass facers provide mold and mildew resistance per ASTM-D 3273.



Component
B Cover Board
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	HW	HA	CA	HW	SA	MF	
Compatible with the selected Multi-Ply systems above									

Single Ply	TPO				PVC			EPDM		
	MF	AD	SA	IW	MF	AD	IW	MF	AD	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 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

Thickness, nom	1/4" (6.4 mm)	1/2" (12.7 mm)	5/8" (15.9 mm)
Weight/Board, nom	38 lb (17.2 kg)	64 lb (29.0 kg)	80 lb (36.3 kg)
Coverage/Pallet	1408 ft ² (131 m ²)	960 ft ² (89 m ²)	960 ft ² (89 m ²)
Boards/Pallet	44	30	30
Pallet Weight	1760 lb (798 kg)	2016 lb (914 kg)	2678 lb (1215 kg)
Pallets per Truck*	27	24	18
Producing Location	Waukegan IL, Savannah, GA		

* Assumes 48' flatbed truck.

DEXcell® is registered trademark of National Gypsum Company.

Note: Technical information on this data sheet is intended to be used as a general guideline only and is subject to change without notice. Contact your JM Sales Representative for further details.

Meets the requirements of ASTM C 1177

Typical Physical Properties

Test		ASTM	DEXcell 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 473	900 (6,205)		
	Flexural Strength, lb, parallel, <i>min</i>	C 473	40	80	100
	Bending Radius, ft (m), <i>max</i>	NA	4 (1.2)	6 (1.8)	8 (2.4)
Moisture	Moisture Vapor Permeance, perms (ng/(Pa•s•m²), <i>max</i>	E 96	25 (1,429)	24 (1,371)	23 (1,314)
	Water Absorption, % by wt, <i>max</i>	C 1177	10		
	Mold Resistance	D 3273	10		
Installation	Flute Span, in (cm), <i>max</i>	E 661	2 ⅝ (6.7)	5 (12.7)	8 (20.3)
	Weight, lb/ft² (kg/m²), <i>nom</i>	NA	1.2 (5.9)	2.0 (10)	2.5 (12)

Thermal Performance

Test	Thickness		Nominal R-Value (Resistance)	
	in.	mm	(hr•ft²•°F)/BTU	m²•°C/W
	¼	6.4	0.32	0.056
	½	12.7	0.45	0.079
	⅝	15.9	0.56	0.099
Test	ASTM	DEXcell Glass-Mat Roof 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.