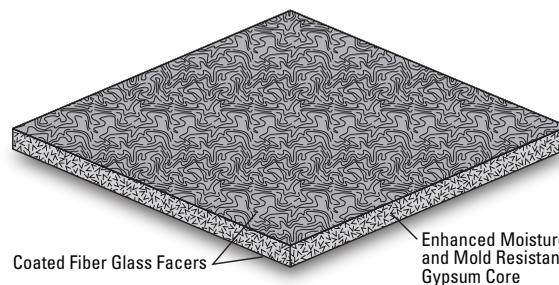


Meets the requirements of ASTM C 1177

Features and Components

Enhanced Face Mat: Coated fiberglass facer ideal for fully adhered systems provides a broader compatibility and higher performance with roofing adhesives.

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.



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
Compatible with all Multi-Ply systems								

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

Peak Advantage® Guarantee Information

Systems	Guarantee Term*
When used in most multi-ply and 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



Cold Applied



Urethane Adhesive



Mechanically Fastened

Refer to the Application Guides and Detail Drawings for instructions.

Packaging and Dimensions

Size	4' x 4' (1.22 m x 1.22 m)		
Thickness, nom	1/4" (6.4 mm)	1/2" (12.7 mm)	
Weight/Board, nom	19 lb (8.6 kg)	32 lb (14.5 kg)	
Coverage/Pallet	960 ft ² (89 m ²)	800 ft ² (74 m ²)	
Boards/Pallet	60	50	
Pallet Weight	1,140 lb (517 kg)	1,600 lb (726 kg)	
Pallets per Truck*	40	29	
Size	4' x 8' (1.22 m x 2.44 m)		
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	1,344 ft ² (125 m ²)	960 ft ² (89 m ²)	960 ft ² (89 m ²)
Boards/Pallet	42	30	30
Pallet Weight	1,596 lb (724 kg)	1,920 lb (871 kg)	2,400 lb (1089 kg)
Pallets per Truck*	28	24	18

* Assumes 48' flatbed truck.

DensDeck® is registered trademark of Georgia-Pacific Gypsum LLC. DensDeck® is manufactured by Georgia-Pacific Gypsum LLC and is marketed by Johns Manville as JM® DensDeck®.

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.

Refer to the Safe Use Instructions and product label prior to using this product. The Safe Use Instructions are available by calling (800) 922-5922 or on the Web at www.jm.com/roofing.



JM® DensDeck® Prime Roof Board

Enhanced Coated Glass Mat Faced Gypsum Cover Board

Meets the requirements of ASTM C 1177

Typical Physical Properties

Test	ASTM	JM DensDeck Prime Roof Board		
		¼" (6.4 mm)	½" (12.7 mm)	⅝" (15.9 mm)
Strength	Compressive Strength, psi (kPa), nom	900 (6,205)		
	Flexural Strength, lb, parallel, min	40	80	100
	Bending Radius, ft (m), max	NA	4 (1.2)	6 (1.8)
Moisture	Moisture Vapor Permeance, perms (ng/(Pa·s·m²), min	30 (1,710)	23 (1,300)	17 (970)
	Water Absorption, % by wt, max	<10		
	Surface Water Absorption, grams, nom	C 473 method B <2.0		
	Mold Resistance	D 3273	10	
Installation	Flute Span, in (cm), max	E 661	2 ⅝ (6.7)	5 (12.7)
	Weight, lb/ft² (kg/m²), nom	NA	1.2 (5.9)	2.0 (9.8)

Thermal Performance

Test	Thickness		Nominal R-Value (Resistance)	
	in.	mm	(hr·ft²·°F)/BTU	m²·°C/W
	¼	6.4	0.28	0.049
	½	12.7	0.56	0.099
	⅝	15.9	0.67	0.118
Test	ASTM	JM DensDeck Prime Roof Board		
Flame Spread	E 84	0		
Smoke Developed	E 84	0		

Non combustible in accordance with ASTM E 136

Refer to the Safe Use Instructions and product label prior to using this product. The Safe Use Instructions are available by calling (800) 922-5922 or on the Web at www.jm.com/roofing.

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