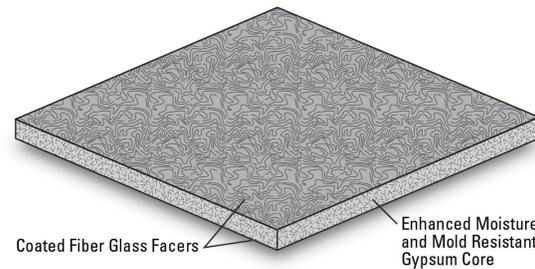


Meets the requirements of ASTM C 1177

Features and Components

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: Scores a 10, the highest performance level for mold resistance, when tested in accordance with ASTM D 3273.



Coated Fiber Glass Facers

Enhanced Moisture and Mold Resistant Gypsum Core

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	CA	HW	HA	CA	HW	SA	MF
<i>Compatible with the selected Multi-Ply systems above</i>									

Single Ply	TPO			PVC		EPDM	
	MF	AD	SA	MF	AD	MF	AD
<i>Do not use with Single Ply systems</i>							

Key: HA = Hot Applied CA = Cold Applied HW = Heat Weldable SA = Self Adhered MF = Mechanically Fastened AD = 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" (6.4 mm)	½" (12.7 mm)	⅝" (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 ft² (125 m²)	960 ft² (89 m²)	960 ft² (89 m²)
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.

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.

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.

Meets the requirements of ASTM C 1177

Typical Physical Properties

Test	ASTM	JM DensDeck Roof Board			
		¼" (6.4 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	5 (1.5)	8 (2.4)	12 (3.6)
Moisture	Moisture Vapor Permeance, perms (ng/(Pa•s•m²), <i>min</i>	E 96	50 (2,850)	35 (1,995)	32 (1,824)
	Water Absorption, % by wt, <i>max</i>	C 1177	<10		
	Surface Water Absorption, grams, <i>nom</i>	C 473 method B	<2.5		
	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 (9.8)	2.5 (12.2)

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 Roof Board		
Flame Spread	E 84	0		
Smoke Developed	E 84	0		
Non combustible in accordance with ASTM E 136				