

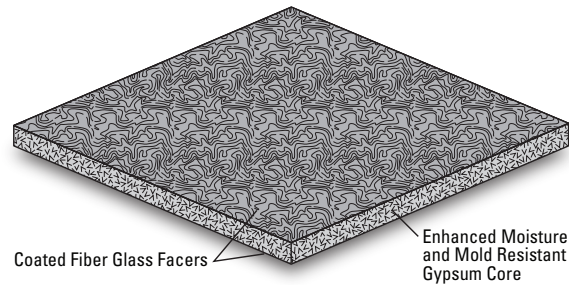
Meets the requirements of ASTM C 1177

Features and Components

Very Severe Hail: Achieves FM 'VSH' approval with adhered 60 or 80 mil (smooth back) JM TPO membrane and standard JM TPO membrane adhesives when 4x4' panels are adhered in low rise foam adhesive ribbons, 12" OC min.

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	HW	HA	CA	HW	SA	MF	
<i>Compatible with all multi-ply systems</i>									

Single Ply	TPO				PVC			EPDM	
	MF	AD	SA	IW	MF	AD	IW	MF	AD BA
<i>Compatible with the selected single ply systems above</i>									

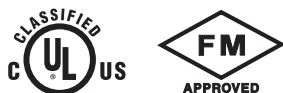
Key: HA = Hot Applied CA = Cold Applied HW = Heat Weldable SA = Self Adhered MF = Mechanically Fastened IW = Induction Weld BA = Ballasted AD = Adhered

Peak Advantage® Guarantee Information

Systems	Guarantee Term*
When used in most 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



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	5/8" (15.9 mm)
Weight/Board, nom	48 lb (21.8 kg)
Coverage/Pallet	544 ft ² (50.5 m ²)
Boards/Pallet	34
Pallet Weight	1,632 lb (740.3 kg)
Pallets per Truck*	27
Size	4' x 8' (1.22 m x 2.44 m)
Thickness, nom	5/8" (15.9 mm)
Weight/Board, nom	96 lb (43.5 kg)
Coverage/Pallet	832 ft ² (77.3 m ²)
Boards/Pallet	26
Pallet Weight	2,496 lb (1,132.2 kg)
Pallets per Truck*	18

* Assumes 48' flatbed truck.

DensDeck® is registered trademark of Georgia-Pacific Gypsum LLC. DensDeck® is manufactured by Georgia-Pacific Gypsum LLC.

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.

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.



DensDeck® StormX™ Prime Roof Board

Enhanced Coated Glass Mat Faced Gypsum Cover Board

Meets the requirements of ASTM C 1177

Typical Physical Properties

Test		ASTM	DensDeck StormX Prime Roof Board
			5/8" (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	100
	Flute Spannability (in), <i>max</i>	E 661	8
Moisture	Moisture Vapor Permeance, perms (ng/(Pa•s•m²), <i>min</i>	E 96	17 (970)
	Water Absorption, % by wt, <i>max</i>	C 1177	5
	Surface Water Absorption, grams, <i>nom</i>	C 473 <small>method B</small>	1
	Mold Resistance	D 3273	10
Installation	Flute Span, in (cm), <i>max</i>	E 661	8 (20.3)
	Weight, lb/ft² (kg/m²), <i>nom</i>	NA	3.0 (14.6)

Thermal Performance

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

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