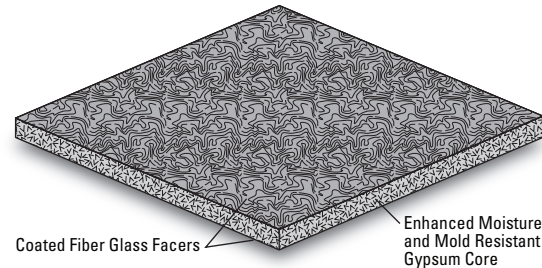


Meets the requirements of ASTM C 1177

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

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 | DensDeck Roof Board | | | |
|---------------------|---|---------------------|--------------|--------------|------------|
| | | ¼" (6.4 mm) | ½" (12.7 mm) | ¾" (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 ½ (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

| Thickness | Nominal R-Value (Resistance) | | |
|---|------------------------------|---------------------|-----------------|
| | in. | mm | (hr•ft²•°F)/BTU |
| ¼ | 6.4 | 0.28 | 0.049 |
| ½ | 12.7 | 0.56 | 0.099 |
| ¾ | 15.9 | 0.67 | 0.118 |
| Test | ASTM | DensDeck Roof Board | |
| Flame Spread | E 84 | 0 | |
| Smoke Developed | E 84 | 0 | |
| Non combustible in accordance with ASTM E 136 | | | |

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