

Meets the requirements of ASTM C 1325

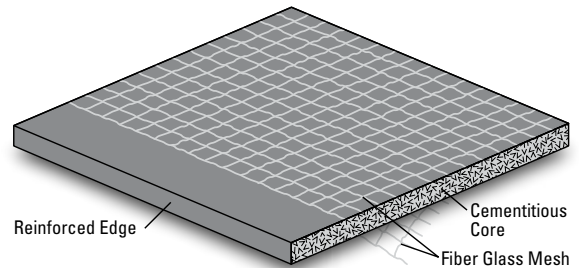
Features and Components

Durability: Composed of a lightweight cementitious core to provide exceptional impact resistance.

Strength: Exceptionally high compressive strength improves overall roof system performance. Cement board is able to withstand prolonged exposure to moisture and is ideal for systems where wind uplift and puncture resistance are a concern.

Fire Performance: FM Class 1 for fire barrier requirements and UL Class A unlimited slope with excellent surface burning characteristics.

Moisture and Mold Resistance: Cement based core provides superior moisture, mold, and mildew resistance. Scores a maximum "10" for mold resistance when tested per ASTM D 3273.



Component

B
Cover Board

Multi-Ply
Single Ply

Type

CM
Cement

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



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) | 4' x 8' (1.22 m x 2.44 m) |
| Thickness, nom | 3/16" (11.1 mm) | |
| Weight/Board, nom | 34 lbs (15.4 kg) | 67 lbs (30.4 kg) |
| Coverage/Pallet | 480 ft ² (44.6 m ²) | 960 ft ² (89 m ²) |
| Boards/Pallet | 30 | |
| Pallet Weight | 1,067 lbs (484 kg) | 2,110 lbs (957.1 kg) |
| Pallets per Truck* | 46 | 23 |
| Producing Location | Clinton, IN | |

* Assumes 48' flatbed truck.

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

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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.

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Typical Physical Properties

| Test | | ASTM | JM DEXcell Cement Roof Board | |
|--------------|--|--------|------------------------------|--|
| | | | 7/16" (11.1 mm) | |
| Strength | Compressive Strength, psi (kPa), <i>nom</i> | D 2394 | 1250 (8,618) | |
| | Flexural Strength, psi, <i>min</i> | C 947 | 1000 | |
| | Bending Radius, ft (m), <i>max</i> | NA | 5 (1.5) | |
| Moisture | Moisture Vapor Permeance, perms (ng/(Pa•s•m ²), <i>max</i> | E 96 | >5 (285) | |
| | 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 | 12 (30.4) | |
| | Weight, lb/ft ² (kg/m ²), <i>nom</i> | NA | 2.1 (10.3) | |

Thermal Performance

| Test | Thickness | | Nominal R-Value (Resistance) | |
|-----------------|-----------|------------------------------|------------------------------|----------------------|
| | in. | mm | (hr•ft ² •°F)/BTU | m ² •°C/W |
| | 7/16 | 11.1 | 0.28 | 0.049 |
| Test | ASTM | JM DEXcell Cement Roof Board | | |
| Flame Spread | E 84 | 0 | | |
| Smoke Developed | E 84 | 0 | | |