

Meets the requirements of ASTM C 1325

Features

Ideal for liquid applied membrane roof systems.

Strength: Engineered to provide superior wind-uplift performance for a wide variety of roof assemblies. The board is formed using an aggregated portland cement slurry with a polymer-coated, glass-fiber mesh completely encompassing edges and both surfaces, to enhance bond strength of membrane systems and gives excellent resistance to delamination.

Fire Performance: Provides excellent fire performance with unlimited slope classifications and is non-combustable per UL 790.

Moisture and Mold Resistance: Cement based, highly water durable board, scored 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* |
|--|--------------------|
| Intended to be used in JM PMMA 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

| | |
|--------------------|---------------------------|
| Sizes | 4' x 8' (1.22 m x 2.44 m) |
| Thickness (nom) | ½" (12.7 mm) |
| Weight/Board | 77 lb (35 kg) |
| Coverage/Pallet | 960 ft² (89.2 m²) |
| Boards/Pallet | 30 |
| Pallet Weight | 2,375 lb (1,077.3 kg) |
| Pallets per Truck* | 20 |
| Producing Location | Detroit, MI |

* Assumes 48' flatbed truck.

Meets the requirements of ASTM C 1325

Typical Physical Properties

| Test | | ASTM | SECUROCK Cement Roof Board |
|--------------|--|--------|----------------------------|
| Strength | Compressive Strength, psi (kPa), <i>nom</i> | C 1278 | >1,000 (>6,895) |
| | Flexural Strength, parallel, psi (kPa), <i>min</i> | C 947 | >750 (>5,171) |
| | Bending Radius, ft (m), <i>max</i> | NA | 6 (1.8) |
| Moisture | Moisture Vapor Permeance, perms (ng/(Pa•s•m ²), <i>max</i> | E 96 | 5.84 |
| | Water Absorption, % by weight, <i>max</i> | C 473 | <15 |
| | Mold Resistance | D 3273 | 10 |
| Installation | Flute Span, in (cm), <i>max</i> | E 661 | 12 (30.5) |
| | Weight, lb/ft ² (kg/m ²), <i>nom</i> | NA | 2.4 (11.7) |
| | Linear variation with change in moisture, in/in • %RH | D 1037 | <0.07 |
| | Coefficient of Thermal Expansion, in/in • °F | E 831 | 4.5 x 10 ⁻⁶ |

Thermal Performance

| Test | Thickness | | Nominal R-Value (Resistance) | |
|-----------------|-----------|-----------------------------|------------------------------|----------------------|
| | in. | mm | (hr•ft ² •°F)/BTU | m ² •°C/W |
| | ½ | 12.7 | 0.39 | 0.07 |
| Test | ASTM | SECUROCK Cement Cover Board | | |
| Flame Spread | E 84 | 0 | | |
| Smoke Developed | E 84 | 0 | | |