

DensDeck® StormX Prime

Product Description:

A reinforced gypsum panel with enhanced moisture resistant core and coated glass mat facers. DensDeck® StormX Prime Roof Boards create a more resilient installation by enhancing the overall strength and wind resistance of an assembly, increasing the puncture resistance of the membrane, and providing hail protection to the membrane, insulation, and total roof system.

Packaging:

DensDeck® StormX Prime Roof Boards is available in standard thicknesses of 5/8" x 4' x 4' and 4' x 8' panels.

Features:

- UL code ratings available for high slopes and wood decks
- FM Approved
- Improves resistance to foot traffic and hail damage
- Excellent wind uplift ratings
- Resistant to deterioration and warping
- Covered component under the IB Total Systems Warranty

Application:

DensDeck® StormX Prime can be installed over approved substrates in mechanically attached, induction attached, fully adhered, or ballasted roof assemblies. Refer to IB Specifications and Construction Details for additional installation instructions.

Moisture Management:

DensDeck® StormX Prime Roof Boards, like other components used in roofing systems, must be protected from exposure to moisture before, during and after installation. Remove the plastic packaging from all DensDeck® StormX Prime Roof Board immediately upon receipt of delivery. Failure to remove the plastic packaging may result in entrapment of condensation or moisture.

Approvals:

- ASTM C1177
- Type X
- Florida Product Approval
- Miami-Dade County, Product Control Approved
- UL 790 Classification
- UL 1256 Classification
- FM Standard 4450



Typical Physical Properties*	
Property	Result
Thickness, nominal	5/8"
Weight, nominal, lb. / sq. ft.	3.0
¹ R-value	.67
Surfacing	Fiberglass Mat
² Flexural Strength, parallel, lbf. min.	≥100
³ Flute Spanability	8"
⁴ Permeance, perms	>17
Linear Variation with Change in Temp. in/in °F	8.5 x 10 ⁻⁶
Linear Variation with Change in Moisture	6.25 x 10 ⁻⁶
⁵ Water Absorption, %, max	5
⁶ Compressive Strength, psi, nominal	900
Surface Water Absorption, grams, nominal	1.0
⁷ Mold Resistance	10

1. Tested in accordance with ASTM C518 (heat flow meter).
 2. Tested in accordance with ASTM C473 method B.
 3. Tested in accordance with ASTM E661.
 4. Tested in accordance with ASTM E96 (dry cup method).
 5. Tested in accordance with ASTM C1177.
 6. Tested in accordance with ASTM C473.
 7. When tested, as manufactured, in accordance with ASTM D3273, DensDeck Roof Boards have scored a 10, the highest level of performance for mold resistance under the ASTM D3273 test method. The score of 10, in the ASTM D3273 test, indicates no mold growth in a 4-week controlled laboratory test. The mold resistance of any building product when used in actual job site conditions may not produce the same results as were achieved in the controlled, laboratory setting. No material can be considered mold proof. For additional information, go to www.buildgpc.com/safetyinfo.
 * Physical properties shown are based on data obtained under controlled conditions and are subject to normal manufacturing tolerances.

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