

Tremco/GP DensDeck® ProFast™ Prime Roof Board

Resilient. Lightweight. Efficient.

FEATURES/ BENEFITS

- 20% lighter than 1/2" DensDeck® Prime
- Fewer fasteners required than 1/2" DensDeck® Prime



DESCRIPTION

Tremco/GP DensDeck® ProFast™ Prime Roof Board is an innovative, lightweight roofing solution designed to enhance performance, efficiency and cost savings in roofing applications. Approximately 20% lighter than the 1/2" DensDeck® Prime Roof Board, it offers enhanced maneuverability, making it easier to transport, handle and install without compromising strength, durability or dimensional stability when installed in a properly designed roof assembly. Specifically engineered for mechanically attached roofing systems, as well as adhered and partially adhered (hybrid) assemblies, Tremco/GP DensDeck® ProFast™ Prime Roof Board offers exceptional resistance to fire, wind uplift, punctures and hail. By reducing the number of fasteners needed by 25-75%, it significantly lowers material expenses and installation labor, contributing to optimized project timelines and budgets.

Tremco/GP DensDeck® ProFast™ Prime Roof Board builds upon Georgia-Pacific's legacy of market-driven innovation, addressing the needs of contractors and designers with an ideal solution for high-performance roofing systems. Its proprietary fiberglass mat facing and gypsum core deliver reliable, noncombustible (per ASTM E136) protection and outstanding performance in adverse conditions. Designed with usability and efficiency in mind, Tremco/GP DensDeck® ProFast™ Prime Roof Board represents the next evolution in roof board technology, offering material and labor efficiencies alongside the trusted quality of the Tremco/GP DensDeck® Roof Board Portfolio. Consult with your Tremco Technical Representative for specific assembly requirements and fastener recommendations.

BASIC USES

Roof system manufacturers and designers have found Tremco/GP DensDeck® ProFast™ Prime Roof Board to be compatible with many types of roofing systems, including: modified asphalt, single-ply, metal systems, recover board, as well as an overlayment for polyisocyanurate and polystyrene insulation. Tremco/GP DensDeck® ProFast™ Prime Roof Board can also be used as a form board for poured gypsum concrete deck in roof applications as well as a substrate for spray foam roofing systems.

STORAGE

Remove the plastic packaging from all DensDeck® Roof Board Products immediately upon receipt of delivery. Failure to remove the plastic packaging may result in entrapment of condensation or moisture. DensDeck® Roof Board Products stored outside must be stored level and off the ground and protected by a breathable waterproof covering. Provide means for air circulation around and under stored bundles of DensDeck® Roof Board Products. DensDeck® Roof Board products must be covered the same day as installed.

APPLICATION

Avoid application of DensDeck® Roof Board Products during rain, heavy fog and any other conditions that may deposit moisture on the surface, and avoid the overuse of non-vented, direct-fired heaters during winter months. When roofing systems are installed on new poured concrete or lightweight concrete decks, or when re-roofing over an existing concrete deck, a vapor barrier should be installed above the concrete to retard the migration of water from the concrete into the roof assembly. Always consult the roofing system manufacturer or design authority for specific instructions for applying other products.

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PHYSICAL PROPERTIES

DensDeck® ProFast™ Prime Roof Board Properties

Properties	3/8" (9.5 mm)
Thickness, nominal	3/8" (9.5 mm) ± 1/32" (1.8 mm)
Width, standard	4" (1219 mm) ± 1/8" (3 mm)
Length, standard	8' (2438 mm) ± 1/4" (6.4 mm)
Weight, nominal, lbs./sq. ft. (Kg/m ²) ¹	1.64 (8)
Surfacing	Fiberglass mat with non-asphaltic coating
Flexural Strength ² , parallel, lbf. min. (N)	≥100 (444)
Flute Spanability ³	5" (127 mm)
Permeance ⁴ , perms (ng/Pa•S•m ²)	>30 (>1710)
R Value ⁵ , ft ² •°F•hr/BTU (m ² •K/W)	0.33
Linear Variation with Change in Temp., in/in °F (mm/mm/°C)	8.5 x 10 ⁻⁶ (15.3 x 10 ⁻⁶)
Linear Variation with Change in Moisture	6.25 x 10 ⁻⁴
Water Absorption ⁶ , % max	5
Compressive Strength ⁷ , psi (avg)	880
Surface Water Absorption, grams, nominal	1
Mold Resistance ⁸	10 (highest possible)
Product Standard Compliance	ASTM C1177

1. Represents approximate weight for design and shipping purposes. Actual weight may vary based on manufacturing location and other factors.
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 C518 (heat flow meter).
6. Specified values per ASTM C1177.
7. Tested in accordance with ASTM C473.
8. When tested, as manufactured, in accordance with ASTM D3273, DensDeck® Roof Board Products 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 jobsite 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 buildgp.com/safetyinfo.

CODES & APPROVALS

DensDeck® Prime Roof Boards are manufactured to meet ASTM C1177 and have the following approvals:

- Florida Product Approved



MAINTENANCE

Your local Tremco Roofing sales representative can provide you with effective maintenance procedures which may vary, depending upon specific conditions. Periodic inspections, early repairs and preventative maintenance are all part of a sound roof program.

PRECAUTIONS

Users must read container labels and Safety Data Sheets for health and safety precautions prior to use.

TECHNICAL SUPPORT

Your local Tremco Roofing sales representative, working with the Technical Service Staff, can help analyze conditions and needs to develop recommendations for special applications.



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