

Enhanced DensDeck® Prime Roof Board... Better Than Ever!

Introducing the Next Generation of DensDeck® Roof Boards

DensDeck® Prime Roof Boards, part of the DensDeck family of gypsum roof boards from Georgia-Pacific Gypsum, have been enhanced with new features that make them one of the most versatile commercial roof boards on the market for low slope roofing systems. The board continues to offer superior fire resistance, strength and dimensional stability. Choose DensDeck Prime Roof Boards for adhered and self-adhered “peel & stick” roofing systems, as well as hot mopped, cold mastic and torch-applied modified bitumen roofs. Enhanced DensDeck Prime creates a stronger and more economical installation by reducing the amounts of mastic or adhesive used and potentially eliminates the field primer.

Enhancements to the facings, both front and back, provide a broader compatibility and higher performance with roofing adhesives. In addition:

- Face mat enhancements allow traditional solvent-based adhesives to be applied more uniformly and consistently. In fact, in adhered, single ply membrane testing, enhanced DensDeck Prime demonstrated an average of 24% better bond strength than original DensDeck Prime, when using solvent based adhesives. (Average based on 60 sq. ft./gal coverage rates.) Testing was done in accordance with FM Approvals 4470, Appendix C: Small Scale Tests, *Membrane Delamination Tests for Roofing Membranes and Substrates Using Tensile Loading*.
- A new back mat provides a better bond between DensDeck Prime Roof Board and the insulation layer when low rise adhesives are used.
- Our manufacturing process ensures a strong mat-to-core bond. When properly fastened or adhered, DensDeck Prime Roof Boards help roofing systems achieve a high level of wind uplift resistance. (For a comprehensive list of vertical pull tests and additional information, visit <https://www.roofnav.com>).
- The mat overlaps on the backside of the board rather than on the front side, providing a clean joint and an overall, smoother and more uniform appearance once the membrane is laid over the cover board.
- The new mats make the board easier to cut and handle during the application process.
- Dust from scoring and cutting is reduced.

*Consult with membrane manufacturers for actual priming requirements.

The enhanced mats allow adhesives to be applied more efficiently and more smoothly so installers may realize a cost savings on the amount of adhesive used and the labor needed to apply it. Additionally, the use of improved DensDeck Prime may allow for the elimination of field priming when self-adhered membranes are used.*

Enhanced DensDeck® Prime from Georgia-Pacific Gypsum provides superior performance in a wide range of commercial roofing systems and assemblies and may save time and money during installation.





DensDeck® Prime Roof Board BENEFITS

- Compatible with most adhesives, including low rise foams and low VOC adhesives, enabling DensDeck Prime to work in many FM-tested assemblies and in almost any roofing system
- Saves time and labor by requiring less adhesive compared to original DensDeck Prime
- Durable — provides protection from fire, foot traffic and hail damage
- Easy to handle and install
- More than 25 years on the job

Look for the familiar green color of DensDeck® Prime, along with the DensDeck logo in GOLD. The GOLD color is a trademark of Georgia-Pacific Gypsum and a widely-recognized identifier of our legacy fiberglass mat product DensGlass® Sheathing. Billions of square feet of Dens® Brand fiberglass mat gypsum panels have been specified in thousands of projects all over the world.

Even more exciting for roofing installation professionals is the addition of a 90-day exposure limited warranty. Enhanced DensDeck® Prime is the first and only gypsum roof board warranted for up to 90 days of exposure to normal weather conditions when applied vertically on parapet walls.** The limited warranty adds a level of confidence in the use of DensDeck Prime roof boards when installation schedules take longer than expected.

Mold Resistance

DensDeck Prime Roof Boards, like all DensDeck products, are tested, as manufactured, in accordance with ASTM D3273 and have scored a 10, the highest level of performance for mold resistance under the ASTM D3273 test method.

DensDeck Prime is available in ¼" (6.4 mm), ½" (12.7 mm) and ⅝" (15.9 mm) 4' (1219 mm) x 8' (2438 mm) panels. All product thicknesses also are available as a 4' x 4' panel.

**For complete warranty details, visit www.DensDeck.com. Limited to 1/2" and 5/8" products only.

UL and FM Fire Resistance Ratings

5/8" DensDeck® Prime Fireguard® is designated a Type DD by Underwriters Laboratories LLC (UL) and included in assembly designs investigated by UL for hourly fire resistance rating. The 5/8" panel may also replace any unclassified 5/8" gypsum board in an assembly in the UL Fire Resistance Directory under the prefix "P." Additionally, the product is manufactured to meet "Type X" requirements of ASTM C1177 for increased fire resistance beyond regular gypsum board.

1/4" DensDeck Prime has passed testing under the FM Calorimeter Standard 4450 (Approval Standard for Class 1 Insulated Steel Deck Roofs) and has been approved by FM for insulated steel deck roofs when installed per FM guidelines.

Wind Uplift Information

All DensDeck Roof Boards are manufactured to meet and tested in accordance with FM 4470, the Approval Standard for Single-Ply Polymer-Modified Bitumen Sheet, Built-Up Roof and Liquid Applied Roof Assemblies for use in Class 1 and Noncombustible Roof Deck Construction.

For more information on wind uplift and vertical pull resistance, please visit www.DensDeck.com and download the Technical Brochure.

Sound Control

To block unwanted entry of sound through a roof assembly, multiple layers of DensDeck Roof Boards, including DensDeck Prime, will help efficiently keep outside sound outside. For more information on sound testing, please visit www.DensDeck.com.

All in all, DensDeck Prime Roof Boards are versatile, durable and are now more usable in more roofing systems and assemblies than ever. Find the right roof board for your commercial project at www.DensDeck.com.

Architects, specifiers and roofing consultants will appreciate DensDeck Prime's compatibility and improved performance in a wide range of assemblies. Roofing contractors will enjoy the improved surface, allowing for cleaner cuts and ease of handling. Better yet, DensDeck Prime may save time and money by reducing the amount of adhesives needed. Building owners and facility managers appreciate the versatility and durability of DensDeck Prime, for virtually any roofing system.



U.S.A. – Georgia-Pacific Gypsum LLC
 Canada – Georgia-Pacific Canada LP

Sales Information & Order Placement

U.S.A. Midwest: **1-800-876-4746**
 West: **1-800-824-7503**
 South: **1-800-327-2344**
 Northeast: **1-800-947-4497**

CANADA Canada Toll Free: **1-800-387-6823**
 Quebec Toll Free: **1-800-361-0486**

Technical Information

Georgia-Pacific Gypsum Technical Hotline
 U.S.A. and Canada: **1-800-225-6119**
www.gpgypsum.com



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WARRANTIES, REMEDIES AND TERMS OF SALE For current warranty information, please go to www.gpgypsum.com and select the product for warranty information. All sales by Georgia-Pacific are subject to our Terms of Sale available at www.gpgypsum.com.



UPDATES AND CURRENT INFORMATION The information in this document may change without notice. Visit our website at www.gpgypsum.com for updates and current information.

CAUTION For product fire, safety and use information, go to www.gp.com/safetyinfo or call **1-800-225-6119**.

HANDLING AND USE-CAUTION These products contain fiberglass or fiberglass facings which may cause skin irritation. Dust and fibers produced during the handling and installation of the product may cause skin, eye and respiratory tract irritation. Avoid breathing dust and minimize contact with skin and eyes. Wear long sleeve shirts, long pants and eye protection. Always maintain adequate ventilation. Use a dust mask or NIOSH/MSHA approved respirator as appropriate in dusty or poorly ventilated areas.

FIRE SAFETY CAUTION Passing a fire test in a controlled laboratory setting and/or certifying or labeling a product as having a one-hour, two-hour, or any other fire resistance or protection rating and, therefore, as acceptable for use in certain fire rated assemblies/systems, does not mean that either a particular assembly/system incorporating the product, or any given piece of the product itself, will necessarily provide one-hour fire resistance, two-hour fire resistance, or any other specified fire resistance or protection in an actual fire. In the event of an actual fire, you should immediately take any and all actions necessary for your safety and the safety of others without regard for any fire rating of any product or assembly/system.