

Manufacturer

Georgia-Pacific Gypsum LLC
133 Peachtree Street
Atlanta, GA 30303
Technical Service Hotline: 1-800-225-6119

Description

DensGuard® Tile Backer is a substrate that, when properly installed, provides significant water and moisture resistance — making it excellent for protecting both tile installations and stud cavities. DensGuard Tile Backer is composed of a water-resistant treated core that is covered front and back with fiberglass mats. The mats are permanently integrated with the core during manufacturing to help prevent delamination problems that can occur with paper-faced greenboard. On the tile side, DensGuard Tile Backer's exclusive heat-cured acrylic coating stops surface water and retards moisture transmission, protecting the wall cavity.

Unlike cementitious backer boards, DensGuard Tile Backer has a built-in water barrier. DensGuard Tile Backer is 17 lbs (7.7 kg) to 32 lbs (15 kg) lighter per panel, depending on panel size, than cement board, which makes installation easier. DensGuard Tile Backer provides excellent dimensional stability and strength so it can be installed parallel or at right angles to framing in wall and ceiling applications.

Primary Uses

DensGuard Tile Backer, with its fiberglass mat design, has been independently tested, as manufactured, in accordance with ASTM D 3273 and has scored the highest achievable rating (10 out of 10) for mold resistance. DensGuard Tile Backer has been shown to be excellent for tile and non-tile installations in wet and non-wet applications and in areas of high humidity. It is ideal for interior walls, ceilings, residential and light commercial floors and countertop applications in high moisture areas such as baths, showers, kitchens, laundries, swimming pool areas and locker rooms.

DensGuard Tile Backer provides an excellent backer for sidewalls and ceilings in bathtub and shower installations, where it provides an even, solid substrate for tile. DensGuard Tile Backer may also be finished with paint or wallpaper for non-tile areas that require superior fire and moisture resistance where its moisture barrier and water-repelling qualities are desirable. DensGuard Tile Backer also adds stabilizing and fire resistant qualities to countertop installations.

1/4" (6.4 mm) and 1/2" (12.7 mm) x 4' (1220 mm) wide DensGuard Tile Backer can be used as a substrate in floor tile applications for residential and light commercial use as defined in the *Handbook for Ceramic Tile Installation* published by the Tile Council of North America.

Limitations

Tiles should be applied on the gray coated side of DensGuard Tile Backer.

DensGuard Tile Backer should not be used in commercial saunas, steam rooms, around fireplaces or areas where prolonged exposure to heat exceeds 125° F (52° C).

DensGuard Tile Backer panels should not be used as a shower pan base.

DensGuard Tile Backer should not be used for exterior installations.

DensGuard Tile Backer panels should not be used as a base for nailing and mechanical fastening.

DensGuard Tile Backer should not be used in conjunction with passive solar heat systems.

For floors, use floor grade tile, 2" x 2" (51 mm x 51 mm) or larger.

Use framing or furring when applying over concrete or masonry block.

Adhesives alone should not be used to install DensGuard Tile Backer. Nails, screws or staples may be used alone or in combination with adhesives.

Since DensGuard Tile Backer has a built-in moisture barrier; never install vapor retarders directly behind DensGuard Tile Backer panels. In retrofit applications, some paints or other wall coverings may constitute a vapor barrier; remove or effectively penetrate these coverings prior to installing DensGuard Tile Backer panels.

DensGuard Tile Backer should not be used in shower floors.

Technical Data

DensGuard Tile Backer panels are mold-resistant, and have scored a 10, the highest level of performance for mold resistance under the ASTM D 3273 test method.

When tested in conformance with ASTM E 96, DensGuard Tile Backer panels achieved a perm rating of less than 1.5 (42.9 ng/Pa•s•m²) alone, 1.0 (28.6) with dry set mortars.

In a test by an independent testing laboratory, DensGuard Tile Backer was subjected to a shower of water at 110°F (43.3°C), 12 minutes per hour, 24 hours a day, 7 days a week for six months. The installation had no grout between the tiles. No deterioration occurred to either the DensGuard Tile Backer board, the framing members or the wall cavity.

DensGuard Tile Backer had passed the TCS Robinson Floor Test in both 1/4" (6.4 mm) and 1/2" (12.7 mm) x 4' (1220 mm) wide thicknesses with a rating of light commercial.

continued →

Submittal Approvals

Job Name _____

Contractor _____

Date _____

Sizes and Edges

Thickness	Width x Length
1/4" (6.4 mm)	4' x 4' (1220 mm x 1220 mm) 32" x 5' (813 mm x 1524 mm)
1/2" (12.7 mm)	32" x 5' (813 mm x 1524 mm)

Edges: Square

Manufactured to meet ASTM C 1178 Coated Glass Mat Water-Resistant Gypsum Backing Panel



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

SALES INFORMATION AND 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

U.S.A. and Canada: **1-800-225-6119**
www.gpgypsum.com



TRADEMARKS DENS GUARD and the GEORGIA-PACIFIC logo are trademarks owned by or licensed to Georgia-Pacific Gypsum LLC.

WARRANTIES, REMEDIES AND TERMS OF SALE For current warranty information for this product, please go to www.gpgypsum.com and select the product for warranty information. All sales of this product 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 This product contains 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.