

Product Description

GreenGlass® tile backer, a fiberglass-faced gypsum board, is a flat, stable, water-resistant substrate for the application of tile in high-moisture, high-humidity commercial and residential environments. Perfect for walls, ceilings, shower and tub enclosures, countertops and light commercial flooring. GreenGlass tile backer also has a high recycled content of at least 90% that can contribute toward LEED certification.

Advantages

- TemShield® Mold Protection System engineered into our gypsum core which is sandwiched between naturally mold-resistant fiberglass facers (scored a 10 when tested in accordance with ASTM D3273¹)
- Built-in moisture-blocking acrylic coating resists water penetration and eliminates need for additional vapor retarder
- Available in 1/4" and 1/2" thicknesses as well as a fire-resistant 5/8" thickness
- 5/8"-thick panels are U.L.-classified for use in any fire-rated assembly requiring 5/8" Type X gypsum board²
- SCS certified to contain a minimum 90% recycled content material on a dry-weight basis
- Third-party certified to meet the performance standard for CHPS program low-emitting material recognition³

Limitations

- For interior use only
- Should not be used as a shower pan base or in shower floors or curbs
- Avoid installation where prolonged exposure to temperatures exceeding 125° F (52° C) required
- Should not be used as a base for nailing and mechanical fastening
- Framing spacing should not exceed 16" o.c. without blocking or 24" o.c. with blocking
- Do not apply directly to concrete or block; framing or furring required
- Do not apply with construction adhesives alone; nails, screws or staples are acceptable alone or combined with adhesive
- Avoid installing vapor retarders directly behind GreenGlass in new construction or penetrate existing coverings that may act as a retarder in retrofit applications

Applicable Standards

- GreenGlass tile backer meets ASTM C1178 and applicable ASTM C1658 and ASTM C1396 requirements
- Installation Standards are GA-216 and ASTM C840
- GreenGlass passed adhesive bond tests to ASTM C482 and ANSI A 137.1 standards as required by the Uniform Building Code
- GreenGlass has been shown to be mold resistant as per ASTM D3273⁴

Submittal Approvals

JOB NAME: _____

CONTRACTOR: _____

DATE: _____

Product Data

WIDTH	LENGTH	THICKNESS / PRODUCT WEIGHT	EDGE FORMATION
48" (1219 mm)	8' (2438 mm) 10' (3048 mm)	1/4" (12.7 mm), 1.40 lbs/ft ² 1/2" (12.7 mm), 1.85 lbs/ft ² 5/8" (12.7 mm), 2.30 lbs/ft ²	Square

Special Order Information: Other widths, edges and lengths may be available on special order with established minimums. Check with your Temple-Inland sales representative.

1. Mold & Moisture Resistance: GreenGlass scored a 10, the highest possible, when tested in accordance with ASTM D3273, the standard test for mold resistance. Its water absorption of ≤ 5% was tested in accordance with C473.
2. Tested in accordance with ASTM E119, GreenGlass 5/8" Type X Tile Backer with acrylic coating is non-combustible, offers superior fire performance and may provide a fire-resistance rating of 1 or more hours depending upon the assembly in which it is applied. Tile installation is not required to achieve the fire-resistance rating.
3. Certified by Materials Analytical Services, LLC (MAS), verification is in accordance with the Emission Testing guidelines specified under ASTM D 5116-97. Specific testing parameters and compound emission limits were based on the California Department of Public Health (CDPH) Standard Practice (Section 01350) test method and California's Office of Environmental Health Hazard Assessment (OEHHA) Chronic Reference Exposure Limit (CREL) list respectively.
4. The ASTM D3273 lab test may not be applicable to the actual performance of building materials. No material may be labeled mold proof, and resistance to mold growth depends on many factors. Prolonged exposure to moisture may cause mold and mildew to grow on any surface. Therefore, in order to maximize the mold and mildew resistance of a material, it is essential that good design, handling and construction practices be implemented. This involves avoiding water exposure before, during and after installation. See GA238.

