

Product Description

GreenGlass® gypsum board is a fiberglass-faced interior panel designed for use in a broad range of wall, ceiling and decorative accent structures where premium mold and moisture resistance is required and a high recycled content is desirable to contribute credits toward certification in LEED and other green building rating systems.

Advantages

- Enhanced water- and mold-resistant core sandwiched between naturally mold-resistant fiberglass facers (Scored a 10 when tested in accordance with ASTM D3273)¹
- Available with at least 90% certified recycled content on a dry weight basis in accordance with ISO 14021 standards²
- 1/2" thickness produced with regular water- and mold-resistant core
- 5/8" thickness produced with fire-, water- and mold-resistant core
- Fire resistance classified by Underwriters Laboratories according to ASTM E119³

Limitations

- For interior use only
- Should not be immersed in water or subjected to cascading water conditions
- Avoid exposure to prolonged, extreme temperatures: 125°F (52°C)
- Should be stored, handled and installed to comply with industry standards GA 216 & ASTM C840

Applicable Standards

- Complies with ASTM C1396 and ASTM C1658
- Application Standards ASTM C840 and GA216 - see also GA214 (levels of finish)
- Surface Burning Characteristics ASTM E-84 Flame Spread 0 Smoke Developed 0
- Mold resistance tested in accordance with ASTM D3273¹

Submittal Approvals

JOB NAME: _____

CONTRACTOR: _____ DATE: _____

Product Data

WIDTH	LENGTH	THICKNESS / PRODUCT WEIGHT	EDGE FORMATION
48" (1219 mm) 54" (1371 mm)	8' to 12' (2438 mm to 3658 mm)	1/2" (12.7 mm), 1.75 lbs/ft ² 5/8" (15.9 mm), 2.30 lbs/ft ²	Tapered

Special Order Information: Other widths, edges and lengths may be available on special order with established minimums and lead time. Some products may not be available in all markets. Please check with your local Temple-Inland sales representative.

1. Mold and Moisture Resistance: GreenGlass scored a 10, the highest value possible, when tested in accordance with ASTM D3273, the standard test for mold resistance. Its water absorption of less than 10 percent was tested in accordance with ASTM C473. 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 during all phases of storage, handling, shipping, installation and after installation is complete. See GA238 for more information.
2. High Recycled Content: GreenGlass is certified in accordance with ISO 14021 standards to have at least 90% recycled content on a dry weight basis.
3. Fire-resistance-rated systems incorporating GreenGlass have been tested in accordance with ASTM E119 and therefore may provide a fire-resistance rating of one or more hours, depending upon the assembly in which it is applied. Because ASTM requires that fire tests be conducted on complete building assemblies/systems and not just on the gypsum board itself, the ability of any particular gypsum board to pass a specific ASTM fire test may well depend on factors other than the fire-resistance of the gypsum board being tested. These factors include the other components used to construct the building system, the manner in which the system is constructed and the inherent variability of ASTM fire tests.

Limited Warranty: Temple-Inland offers a 6-month limited warranty on GreenGlass fiberglass-faced gypsum board subject to the terms, conditions and exclusions described on our website.