

## Product Description

GreenGlass® fiberglass-faced gypsum liner panels offer maximum protection against mold, moisture, fire and unwanted sound – and set the highest standard for recycled content of any glass-mat faced board available. Produced in a 1" thickness, a 2' width and in lengths up to 12', GreenGlass is designed for use in stairwells, elevator shafts, area separation walls...basically any area where protection is a priority.

## Advantages

- Enhanced gypsum core is sandwiched between naturally mold- and moisture-resistant fiberglass-mat facers<sup>1</sup>
- SCS certified to contain at least 90% recycled content on a dry weight basis<sup>2</sup>
- Contributes valuable credits toward LEED and other green-building system certifications<sup>3</sup>
- Fire resistance tested in accordance with ASTM E119<sup>4</sup>
- Excellent protection, durability – and an exposure warranty for up to 12 months

## Limitations

- For use only in non-load bearing assemblies
- Avoid exposure to prolonged, excessive temperatures
- Avoid exposure to excessive or continuous moisture

## Applicable Standards

- Manufactured to comply with ASTM C1396 and ASTM C1658
- Federal Specification SS-L-30D, Type IV & Grade X
- Surface Burning Characteristics ASTM E-84 Flame Spread 0 Smoke Developed 0
- Mold resistance tested in accordance with ASTM D3273<sup>1</sup>

## Submittal Approvals

JOB NAME: \_\_\_\_\_

CONTRACTOR: \_\_\_\_\_ DATE: \_\_\_\_\_

## Product Data

WIDTH	LENGTH	THICKNESS / PRODUCT WEIGHT	EDGE FORMATION
24" (609.6 mm)	8', 10', 12' (2438 mm to 3658 mm)	1" (25.4 mm), 4.1 lbs/ft <sup>2</sup>	Double Beveled

**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.

- 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 beyond. See GA238 for more information.
- High Recycled Content: GreenGlass is SCS certified in accordance with ISO 14021 standards to have at least 90% recycled content on a dry weight basis.
- Green-Building Certification Credits:
  - LEED-NC** certification categories: **MR credit 4** – Recycled Content – awards 1 or 2 points for using products with recycled content that constitute at least 10% or 20%, based on cost, of the total value of project materials. **MR credit 5** – Locally Produced Materials – awards 1 or 2 points for using materials on a project that are extracted and manufactured within 500 miles that constitute at least 10% or 20%, based on cost, of the total value of project materials.
  - NAHB National Green Building Standards** certification category: **NAHB 604.1(2)** – Pre-Consumer Recycled Content – specifies the use of recycled content products in major areas such as walls, floors, insulation and roofing.
- Fire Resistance: Tested in accordance with ASTM E119 and therefore may provide a fire-resistance rating of two or more hours, depending upon the assembly in which it is applied. Please visit our website for a complete list of U.L.-approved assemblies and design details or contact your Temple-Inland representative. Because ASTM procedures require that fire tests be conducted on complete building assemblies/systems and not just on the gypsum linerboard itself, the ability of any particular gypsum linerboard to pass a specific ASTM fire test may well depend on factors other than the fire-resistance of the gypsum linerboard being tested. These factors include the other components used to construct the building system being tested, the manner in which the system is constructed and the inherent variability of ASTM fire tests.

**Limited Warranty:** Temple-Inland offers a 12-month weather-exposure warranty on GreenGlass liner panels subject to the terms, conditions and exclusions described on our website.

