

TEXTILES IN GLASS

PRODUCT DATA SHEET

PRODUCT LINE: GlasPro-GL
COLLECTIONS: GlasPro-GL "Textiles in Glass"

GlasPro-GL "Textiles in Glass" is a collection of laminated glass products that incorporate different textiles and fabrics. There are over 100 standard products and custom products are available to meet the designer's choices. GlasPro-GL Textiles in Glass is available in different surface finishes and reflectivity. Since these are natural fibers you can expect that materials might change over time. Textiles in Glass may have inconsistencies, wrinkles, weave pattern changes and other characteristics that are inherent in laminating natural and synthetic fibers. These will not be a basis for rejection. All GlasPro-GL "Textiles in Glass" come with a UV blocker that screens out 99% of UV up to 380 nm. However, if left in direct sunlight even that 1% that gets through will fade most textiles.

Available Thickness: GlasPro-GL is available in a wide variety of thicknesses ranging from 1/4" to 2". Each style has its own set of thickness guidelines

Max Sizes: GlasPro-GL is available in a wide variety of maximum sizes depending on style, glazing conditions and jobsite conditions. Consult the specified style for specific limitations.

GlasPro-GL "Textiles in Glass"

All GlasPro-GL "Textiles in Glass" products meet or exceed the following standards

1. ASTM C 1036 Specification for Flat Glass
2. ASTM C 1172 Specification for Laminated Architectural Flat Glass (if applicable)
3. C1048-04 Heat Treated Flat Glass
4. ANSI Z97.1-2004 Glazing Materials Used in Buildings-Safety performance
5. CAN/CGSB-12.1-M90 Laminated Glass
6. 16 CFR 1201: Safety Standard for Architectural Glazing Materials

Exterior and Interior Rated Products

All GlasPro-GL products are rated for Exterior and Interior use and carry a full warranty for either installation. However, exterior applications take special considerations and most materials will fade in direct sunlight.

Sustainability Performance

LEED Category: Energy and Atmosphere

Credit 1: Optimize Energy Performance

LEED Credit: 1-10 points

Contribution: GlasPro-GL "Textiles in Glass" offers a wide range of interlayers that can contribute significantly to solar heat gain reduction in structural glazing applications. These high-performance interlayers allow architects to specify more glazing in their designs to help meet the requirements for the Energy and Atmosphere category.

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LEED Category: Materials and Resources

Credit 4: Recycled Content

LEED Credit : 1-2 points

GlasPro-GL "Textiles in Glass", as supplied to the consumer, may be recycled into secondary materials for various markets.

LEED Category: Indoor Environmental Quality

Credit 8: Daylight & Views

LEED Credit : 1-2 points

GlasPro-GL "Textiles in Glass" Contribution: Daylight reduces heat gain created by artificial light. GlasPro-CG interlayer can contribute to Solar Heat Gain Performance which allows architects to use more glazing in the overall building design without increasing loads on the building's Heating Ventilation and Cooling (HVAC) systems.

Glass Handling and Storage

Care needs to be taken during handling and glazing to ensure that glass damage does not occur. Do not allow glass edges to contact the frame or any hard surface during installation Refer to the Glass Association of North America (GANA) glazing manual for proper handling instructions.

Improper glass storage may result in damage to glass, glass surfaces or coatings. Store glass crates properly to prevent them from tipping. Also, ensure proper blocking and protection from outside elements.

GlasPro recommends a 5-8° lean against two wide, sturdy uprights, which are capable of withstanding the crate weight.

Once the glass is installed the general contractor or building owner should provide for glass protection and cleaning. Weathering metals, alkaline materials or abrasive cleaners may cause surface damage. Windblown objects, welding sparks or other material that contacts the glass surface during construction may cause irreversible damage.

Maintenance and Cleaning

To maintain aesthetics, it is important to clean the glass during and after construction. For routine cleaning, use a soft, clean, grit-free cloth and a mild soap, detergent, or window cleaning solution.

Rinse immediately with clean water and remove any excess water from the glass surface with a squeegee. Do not allow any metal or hard parts of the cleaning equipment to contact the glass surface.

Framing Deflections

Refer to the GANA glazing manual for information on adequate framing systems. You are required to comply with industry standards for framing deflection.

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The logo for GLASPRO, featuring the word "GLASPRO" in a bold, sans-serif font. The "GLAS" part is in a dark grey color, and the "PRO" part is in a bright green color. The logo is set against a dark grey rectangular background.

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Non-Rectangular Glass Shapes

GlasPro can cut virtually any shape glass required for your project from CAD files or full size patterns. Full size patterns must be submitted to GlasPro for evaluation. Pattern Charges may apply.

Warranty Information

GlasPro-GL "Textiles in Glass" products carry 5 year limited warranty. Contact our order desk for copies of our product warranties.

GlasPro-GL "Textiles in Glass" Inspection Guidelines

View GlasPro-GL "Textiles in Glass" from a distance of 10 feet (3m) under natural daylight conditions.

Pattern Orientation

Pattern orientation is not assumed. Any special requirements regarding patterns needing to line up from panel to panel must be arranged ahead of time and there are costs associated with this service.

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