

DICHROIC GLASS PRODUCT DATA SHEET

PRODUCT LINE: GlasPro GL

COLLECTIONS: GlasPro - DICHROIC "Dichroic Glass"

GlasPro Dichroic is available as a standard in **clear** and also available in **low iron glass**.

WE offer 3 colors:

Sapphire Dawn
Emerald Evening
Amber Dusk

Available Thickness: GlasPro Dichroic is available in a wide variety of thicknesses ranging from 1/4" to 4".

Max Sizes: GlasPro Dichroic is available in a wide variety of sizes and depends on your project.

GlasPro Dichroic Standards

All GlasPro **Dichroic** 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
3. C1048-04 Heat Treated Flat Glass (if applicable)
4. ANSI Z97.1-2004 Glazing Materials used in buildings - safety performance
5. 16 CFR 1201: Safety Standard for Architectural Glazing Materials

Exterior and Interior Rated Products

All GlasPro **dichroic** products are rated for **exterior** and **interior** use and carry a full warranty for either installation.

**GLASPRO-GL - GLASPRO - DICHROIC GLASS
PRODUCT DATA**

GLAS-PRO.COM | 800.776.2368

9401 ANN STREET, SANTA FE SPRINGS, CA 90670-2613

The logo for GLASPRO, featuring the word "GLASPRO" in a bold, sans-serif font. The "GLAS" part is white and set against a dark grey rectangular background, while the "PRO" part is green. A thin green horizontal line is positioned below the logo.

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Sustainability Performance

LEED Category: Energy and Atmosphere

Credit 1: Optimize Energy Performance

LEED Credit: 1-10 points

GlasPro-DICHROIC Contribution: GlasPro-DICHROIC 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.

LEED Category: Materials and Resources

Credit 4: Recycled Content

LEED Credit : 1-2 points

GlasPro-DICHROIC, 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-DICHROIC Contribution: Daylight reduces heat gain created by artificial light. GlasPro-DICHROIC 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.

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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.

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 DICHROIC products carry 5 year limited warranty. Contact our order desk for copies of our product warranties.

GlasPro DICHROIC Inspection Guidelines

See ASTM C 1172-03

GlasPro DICHROIC products may be used in structural glazed applications. GlasPro recommends Dow 795 or Dow 999.

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