

Technical Information

These questions are related to the technical information associated with Goldray's decorative glass

Is decorative glass considered safety glass?

Decorative glass is available in many forms and strengths depending on the type and manufacturer. When providing decorative glass for a project, it is critical that the products conform to recognized standards to ensure the integrity of the building or space. Goldray's decorative glass products can be provided in tempered, heat strengthened, and laminated forms or a combination of the above.

What is the difference between tempered glass and laminated glass?

Tempered glass is glass that has been treated by a heating and rapid cooling process to induce compressive stresses on the surface balanced by interior tension resulting in increased strength. Laminated glass consists of an assembly of two or more lites of glass permanently bonded with an interlayer that retains the glass in place when shattered. Decorative laminated glass is available with interlayers that are clear, translucent or opaque and incorporate colors and graphic designs. Laminates can be produced by using a decorative glass, a decorative interlayer or by incorporating a variety of decorative materials such as films, metallic foils, fabrics, rice paper, photographs and such.

Can you polish laminated glass after it has been laminated?

You can polish laminated glass post-lamination depending on the form of each individual lite of glass. If both lites are either annealed or heat strengthened, post-lamination polishing is possible. If one or both lites are tempered, however, the glass cannot be post-lamination polished and still conform to the ASTM standard for heat treated glass. In this case, the individual lites can be polished prior to tempering and then laminated.



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Can your decorative glass be used in structural applications?

Decorative glass can be used in structural applications when it is produced in accordance with the strength requirements of the particular application. Contact your local sales rep or inside salesperson at the Goldray head office for more details on a specific project.

Is there industry standard terminology for decorative glass?

Yes, the Glass Association of North America has developed a glossary of standard terms applicable to the decorative glass industry.

