

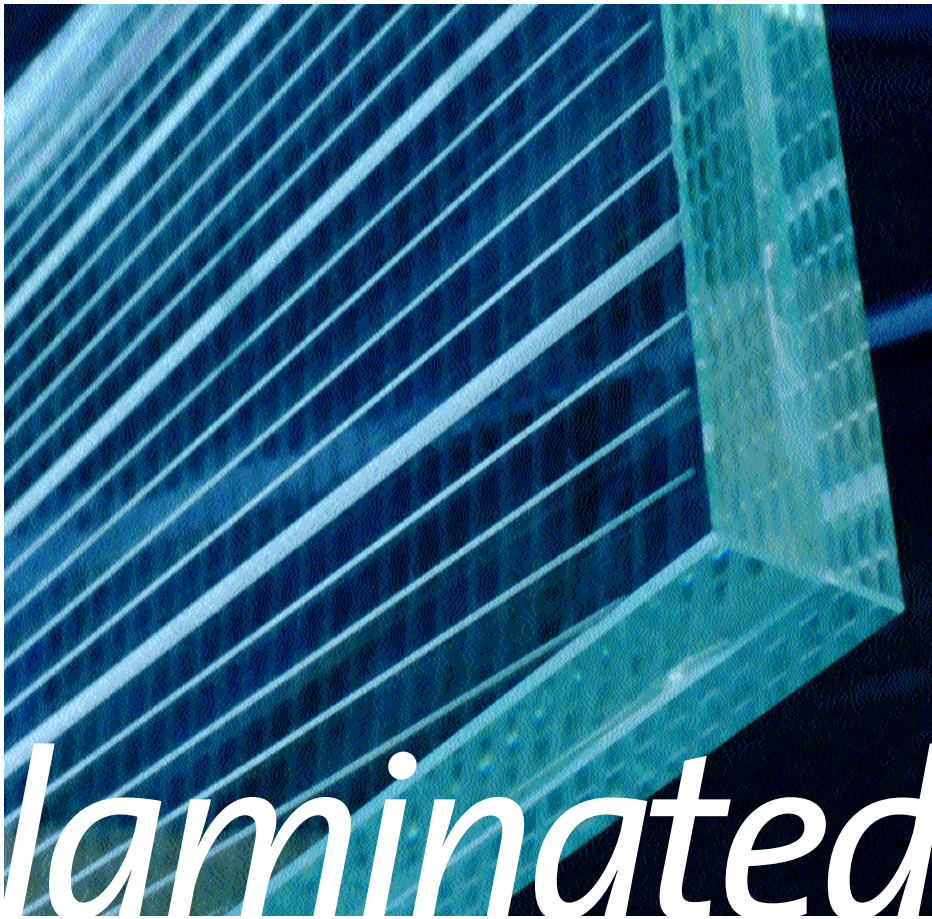
A low-angle, upward-looking photograph of a modern interior staircase. The staircase features a dark metal frame and a glass railing with a wooden handrail. Above the staircase is a large skylight with a grid pattern, allowing natural light to filter through. The walls are a warm, light-colored wood paneling. The overall atmosphere is clean, modern, and well-lit.

*Lamination*

# *UltraGlas<sup>®</sup>* *insights*

*News and Information for Architects and Designers*

*Laminated applications  
in architectural glass*



*Suspended stair treads (page 1), in a subtle **UltraMatte Texture** have been laminated to satisfy code requirements — they also contribute to a brighter, safer stairway environment.*

*A close-up view (left) of a stair tread component — in this case comprised of two pieces of carved, fired and tempered glass, laminated to form a single tread. All edges are polished and were edge-lit from the back.*

# *Laminated UltraGlas*

**Why the need for lamination?** — Horizontal surfaces, such as suspended flooring, ceiling panels and other applications are often laminated to meet safety codes. Lamination enables the creation of very strong and reliable architectural elements, by combining various thicknesses of glass with plastic interliners — creating a “sandwich” of tempered glass (for strength) and annealed glass (which prevents the unit from falling from an opening, should it break).

**What are the advantages of lamination?** — In addition to the endless design possibilities, lamination enables the use of translucent materials for those applications in which light transmission is desired, such as stair treads — where additional light transmission creates a brighter and safer stairway environment.

**Options** — An almost limitless variety of sizes, shapes, colors and thicknesses of glass may be combined with interliner options, including thicknesses, opacities and colorations.

**UltraGlas has pioneered the use of laminated glass components and is always eager to work with discerning design professionals to extend design limitations — how may we help you?**



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