

Product Data Sheet



STARPHIRE

ULTRA-CLEAR™ GLASS

Safety and Security Glazings

Starphire Ultra-Clear™ glass by Vitro Architectural Glass (formerly PPG Glass) provides an entirely new level of visual quality to safety and security glazing applications. These design challenges are typically addressed by using multi-layer laminates. Whether it's zoo enclosures or jewelry storefronts, marine aquariums or museum cases, viewing through *Starphire*® glazings will bring unparalleled color transmission and clarity. Objects are seen in their true colors; they are not distorted by the “greening” that occurs through multi-layer laminates of ordinary clear glass.

Starphire® safety and security glass is “clearly” remarkable:

- 16 percent higher Visible Light Transmittance (VLT) than ordinary clear glass in a 1 3/8-inch laminated glass construction
- Maintains clarity in any thickness
- Security with color fidelity
- Viewed objects sparkle with true color impact
- Easily fabricated to required specifications

The unprecedented radiance and incomparable clarity of *Starphire*® provide an unmatched combination of security and visibility.

Additional Resources

Starphire® glass is available in thicknesses from 2.5 mm to 19 mm and is stocked regionally to assure consistent supply reliability. For *Starphire*® glass samples or a list of distributors, contact our Architectural Services Hotline at **1-855-VTRO-GLS (887-6457)** or visit starphireglass.com.

Vitro Architectural Glass is the first U.S. float glass manufacturer to have its products recognized by the *Cradle to Cradle Certified*™ program, and offers more C2C-certified architectural glasses than any other float glass manufacturer.



Safety and Security Glazings

This photo shows the unique ability of *Starphire*® glass to transmit true colors in safety/security applications. The beauty and whiteness of the pearl necklace is undistorted when viewed through a 1-3/8” security laminate of *Starphire*® glass (right). Notice the “greening” of the clear glass laminate of equal thickness (left).



Gorilla Habitat – Busch Gardens, Williamsburg, VA

When selecting security glass laminates to separate visitors from these beautiful but powerful primates, designers of this state-of-the-art attraction chose *Starphire*® glass for its brightness, clarity, and color fidelity. Beauty combines with safety to make the choice “ultra-clear.” (Complete project details on our web site)

For more information about *Starphire* Ultra-Clear™ float glass and other *Cradle to Cradle Certified*™ architectural glasses by Vitro Glass, visit vitroglazings.com, or call **1-855-VTRO-GLS (887-6457)**.

Note: *Starphire*® glass edge color can vary depending on final glass size, glass thickness and ambient lighting conditions. Vitro recommends a full-size *Starphire*® glass viewing to determine acceptability for final use.

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