

Technical Specifications

- Light Transmission, 50-90% (depending on glass type and texture)
- Sound Insulation (STC Rating), 35-45 dB
- Thermal Insulation (U-Value), 0.25 - 1.0 W/m²K (depending on glass type and coatings)
- Impact Resistance, High, conforming to safety standards (e.g., EN 12600, ANSI Z97.1)
- UV Blocking, Up to 99%
- Durability, Resistant to weathering, temperature fluctuations, and fading

Applications

- Interior partitions
- Decorative panels
- Exterior facades
- Balustrades and railings
- Shower enclosures
- Skylights
- Canopies
- Doors and windows
- Art installations

Materials and Finishes

- Glass Type, Clear, low-iron, tinted, or colored glass
- Casting Process, Molten glass cast into molds to create desired textures and patterns
- Coating, Optional low-E, solar control, or reflective coatings for enhanced performance
- Texture Options, Wide range of standard and custom textures and patterns
- Glass Thickness, Available in various thicknesses to suit different structural needs
- Surface Finish, Smooth, matte, textured, or patterned

Additional Features

- Type I, Standard cast glass with basic textures
- Type II, Enhanced cast glass with low-E coatings for improved energy efficiency
- Type III, Specialty cast glass with custom textures and advanced performance features

Warranty

- Limited Warranty, Hals International offers a warranty on systems and materials.