

## Technical Specifications

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- Compliant with international building codes for safety and performance, including ANSI Z97.1, EN 14449, and ASTM C1172.
- Light Transmission, 50-90% (depending on glass type and interlayer)
- Sound Insulation (STC Rating), 35-45 dB
- Thermal Insulation (U-Value), 0.25 - 1.0 W/m<sup>2</sup>K (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

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- Interior partitions
- Exterior facades
- Balustrades and railings
- Shower enclosures
- Skylights
- Canopies
- Elevator interiors
- Furniture surfaces
- Doors and windows

## Materials and Finishes

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- Glass Type, Clear, low-iron, tinted, or reflective glass
- Interlayer Material, PVB (Polyvinyl Butyral), EVA (Ethylene Vinyl Acetate), or SGP (SentryGlas Plus) with decorative elements such as colored films, patterns, textiles, or digital prints
- Coating, Optional low-E, solar control, or reflective coatings
- Interlayer Options, Colored films, printed patterns, textiles, digital prints, or custom designs

## Additional Features

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

## Warranty

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