

Technical Specifications

- Thermal Insulation (U-Value), 0.25 - 1.5 W/m²K (depending on glass type and coatings)
- Sound Insulation (STC Rating), 35-45 dB
- Light Transmission, 60-90% (depending on glass type and coatings)
- Solar Heat Gain Coefficient (SHGC), 0.25 - 0.65
- UV Blocking, Up to 99%
- Durability, High resistance to impact, weathering, and temperature fluctuations

Applications

- Exterior facades
- Interior partitions
- Curtain walls
- Skylights
- Canopies
- Balustrades and railings
- Stairwells
- Decorative panels
- Light diffusing walls

Materials and Finishes

- Glass type, Clear, low-iron, tinted, sandblasted, or custom colors
- Profile, U-shaped channel
- Coating Options, Low-E, solar control, reflective, or custom coatings
- Sealing, Polycarbonate, silicone, or rubber gaskets for joints

Additional Features

- Type I, Single-glazed channel glass
- Type II, Double-glazed channel glass for enhanced thermal performance
- Type III, Laminated channel glass for improved safety and security

Warranty

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