

BENT GLASS



Technical Specifications

- Bending Radius, Customizable to project specifications, minimum radius typically 1000 mm
- Light Transmission, 60-90% (depending on glass type and coatings)
- Thermal Insulation (U-Value), 0.25 - 1.0 W/m²K (depending on glass type and coatings)
- Sound Insulation (STC Rating), 35-45 dB
- Impact Resistance, Conforms to relevant safety standards (e.g., EN 12600, ANSI Z97.1)
- Durability, Resistant to weathering, temperature fluctuations, and UV radiation

Applications

- Exterior facades
- Curtain walls
- Skylights
- Canopies
- Balustrades and railings
- Interior partitions
- Entrances and storefronts
- Decorative panels and furniture

Materials and Finishes

- Glass Type, Clear, low-iron, tinted, reflective, or laminated glass
- Bending Process, Heat-bending or cold-bending, depending on the project requirements
- Coating Options, Low-E, solar control, reflective, or custom coatings

Additional Features

- Type I, Single-pane bent glass
- Type II, Laminated bent glass for enhanced safety
- Type III, Insulated bent glass units for improved thermal performance

Warranty

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