

Technical Specifications

- Light Transmission, 30-70% (depending on coating and glass type)
- Reflectance, High reflectivity with color-shifting properties
- UV Blocking, Up to 99%
- Durability, Resistant to weathering, scratching, and fading
- Thermal Insulation (U-Value), 0.25 - 1.0 W/m²K (depending on glass type and coatings)
- Sound Insulation (STC Rating), 35-45 dB

Applications

- Exterior facades
- Curtain walls
- Skylights
- Canopies
- Interior partitions
- Decorative panels
- Balustrades and railings
- Signage and displays
- Art installations

Materials and Finishes

- Glass Type, Clear, low-iron, or tinted glass
- Application Method, Vacuum deposition process
- Coating Colors, Available in various color combinations and shifting effects
- Coating Material, Multiple layers of metal oxides

Additional Features

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

Warranty

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