



# Saflex® Crystal Clear PVB interlayer

*The perfect combination of aesthetic and safety*



Low-iron glass is a premium choice for both commercial and residential construction markets when attractive appearance and brilliant neutrality are required. When laminated, however, it may lose its neutrality, transparency, and overall clear aesthetic. To maintain the beauty of low-iron glass, turn to Saflex® Crystal Clear PVB interlayer—Eastman's latest and most color-neutral product—to create a highly desirable aesthetic. Aiming to enhance the natural appeal of low-iron glass such as Guardian UltraClear®, Saflex Crystal Clear was designed to remain virtually undetectable at any visible angle and in any light.



*Saflex® Crystal Clear laminated with low-iron glass (left); monolithic low-iron glass (right)*

While Saflex Crystal Clear is neutral in appearance, there is no trade-off in safety-impact performance. Ideal for security glass projects large and small, Saflex Crystal Clear offers flexible processing and is available in different dimensions. Because it is compatible with Saflex Solar, Saflex Structural, and Vanceva® Colors, there is also broad freedom in design.

## Saflex Crystal Clear product benefits when used with low-iron glass

- Brilliant neutrality
- High transparency
- Unaltered low-iron glass beauty
- Safety glazing compliant
- Resistant to entry or penetration in cases of bomb blast, ballistic attack, forced entry, or vandalism
- Meets acoustic specifications common in the industry
- Ease of processing
- Design freedom: compatible with Saflex Structural, Saflex Solar, and Vanceva® Colors

## Applications

Saflex Crystal Clear is ideal in a wide range of applications where brilliant neutrality, high transparency, and safety glazing are required.

### Interior

Display cases  
Museum glazing  
Interior doors  
Partitions  
Balustrades  
Stairs and railings  
Furniture  
Retail shelving

### Exterior

Cladding  
Curtain walls  
Facades  
Windows  
Skylights  
Exterior doors  
Storefront/shop windows

## Saflex Crystal Clear performance properties

The mechanical and physical properties are the same as Saflex Clear PVB interlayers.

| Optical (%) and thermal properties* |    | SI   | IP   |
|-------------------------------------|----|--|------|
| Solar transmittance                 | 83 | U factor, W/m <sup>2</sup> ·K (Btu/hr·ft <sup>2</sup> ·°F) | 5.70 |
| Visible light transmittance         | 90 | Solar heat gain coefficient (SHGC), g                      | 0.86 |
| Absorptance (solar)                 | 9  | Light to solar gain (LSG)                                  | 1.04 |
| Tuv                                 | <1 |  |      |

  

| Color properties*                     | Dom. WL |
|---------------------------------------|---------|
| Color rendering index (transmittance) | 100     |

\*As laminated with 3-mm low-iron glass  
Data reported in metric (SI) units with inch-pound (IP) standard units calculated.

## Saflex Crystal Clear product offering

| Product              | Nomenclature | Thickness (mm) | Length (m)* | Width (cm)* | Form         | Color         |
|----------------------|--------------|----------------|-------------|-------------|--------------|---------------|
| Saflex Crystal Clear | RB4N         | 0.76           | 250         | 45-322      | Refrigerated | Crystal Clear |
|                      |              |                | 500         | 322         |              |               |
| Saflex Crystal Clear | RB4N         | 0.76           | 247         | 45-280      | Interleaved  | Crystal Clear |

\*Range of available widths and lengths  
Consult your Saflex representative for width, length, and form availability for your region.



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