



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 ² ·K (Btu/hr·ft ² ·°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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