



SAFETY & SECURITY FILM

175 Micron - Clear

SA-175CL-iSR

Opalux® safety and security window films are designed to make glass safer, both by strengthening it against breakage and helping hold dangerous shards of shattered glass in situations where breakage does occur.

Tested and certified to EN 12600 Class 1B1, Opalux® 175-micron clear safety & security film is used to help comply with current government guidelines for bomb blast protection. Opalux® safety and security window films are suitable for use in many applications in the workplace and home. Other benefits can include improved security by creating a deterrent to “smash-and-grab” crime, and providing protection against the vandalism of glass through graffiti such as the etching or scratching of glass.

FEATURES

- High optical clarity
- Quick, retro-fit installation
- Scratch-resistant
- Screening of harmful UV rays

BENEFITS

- Clear, non-tinted appearance on glass
- Can be used where costly and disruptive large-scale replacement of existing glazing is not a viable option
- Suitable for most non-abrasive window-cleaning methods
- Reduced fading of interior furnishings

PERFORMANCE DATA		SA-175CL-iSR
SOLAR ENERGY	Transmitted	77%
	Reflected	9%
	Absorbed	14%
VISIBLE LIGHT	Transmitted	87%
	Reflected (Interior)	11%
	Reflected (Exterior)	11%
UV Rejection		98%
Glare Reduction		1%
Shading Coefficient		0.92
Solar Heat Gain Coefficient (G-Value)		0.80
U-Value (W/m²K)		6.07
Total Solar Energy Rejected		20%
Product Warranty*		10 years

PHYSICAL PROPERTIES	
Description	Clear
Film Thickness	175-Microns (7-thou)
Structure	Single Ply
Tensile Strength	28,500 PSI
Break Strength	178 Pounds per Inch (width)
Adhesive Type	Acrylic Pressure Sensitive
Peel Strength	6 to 7 Pounds per Inch

NOTES

Test results are produced from film applied to 3mm clear single glass. Performance data is subject to change without prior notice. It is the users’ responsibility to ensure the product is suitable for the intended use. The seller shall not be liable for any direct, indirect or consequential loss or damage howsoever arising.

SPECIFICATION

The safety and security window film is to be Opalux® SA-175CL-iSR, as manufactured by Opalux® (www.opaluxwindowfilms.com). The film is to be installed to the interior surface of the glass, and the unique product roll numbers used are to be registered in accordance with the manufacturer’s warranty procedure.

An exterior grade is available.
Refer to code: SA-175CL-eSR.