

## Safety & Security Film

200-micron - Clear

Code: SA-200CL-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® 200-micron clear safety & security film is used to help comply with current government guidelines for bomb-blast protection. Multi-laminate safety & security film is now widely used by government agencies as well as many commercial organisations concerned to address the real corporate risk of bomb-blast, or industrial explosion at or near their premises.

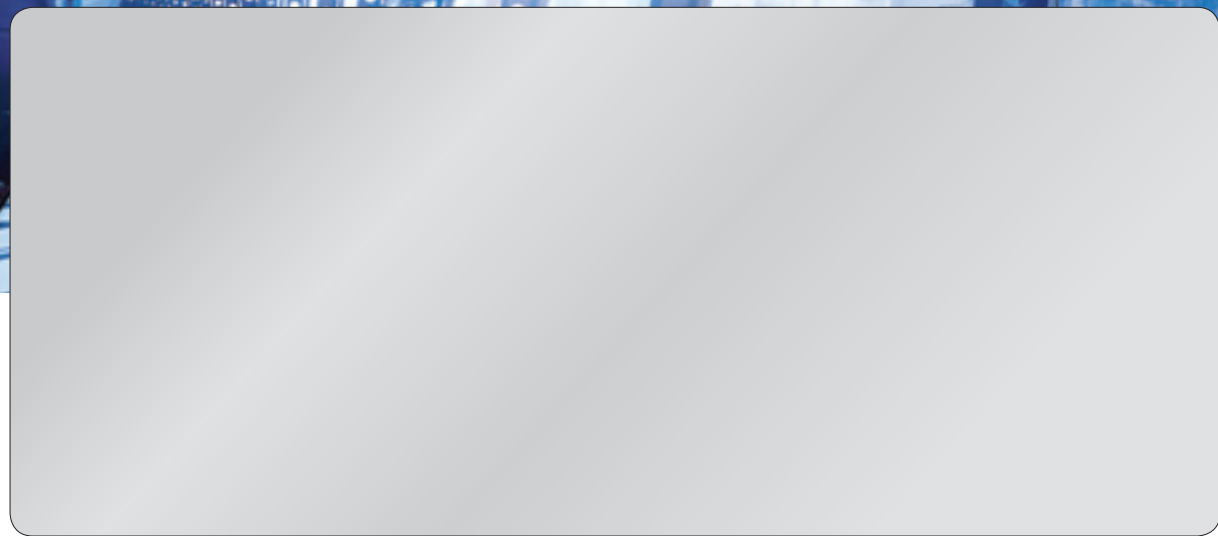
Opalux® safety and security window films are suitable for use in many applications in the workplace and home. Other benefits can include improved security by creating a deterrent to “smash-and-grab” crime, and providing protection against the vandalism of glass through graffiti such as the etching or scratching of glass. Also, when used in conjunction with edge-retention profiles enhanced security and blast protection can be achieved.

Features	Benefits
High optical clarity	Clear, non-tinted appearance on glass
Quick, retro-fit installation	Can be used where costly and disruptive large-scale replacement of existing glazing is not a viable option
Scratch-resistant	Suitable for most non-abrasive window-cleaning methods
Screening of harmful UV rays	Reduced fading of interior furnishings

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Performance Data	
<b>Total Solar Energy</b>	
Transmitted	77%
Reflected	10%
Absorbed	13%
<b>Visible Light</b>	
Transmitted	83%
Reflected	10%
Ultra-Violet Rejected	<98%
Shading Coefficient	0.91
Total Solar Energy Rejected	20%

Physical Properties	
Description	Clear
Film Thickness	200-microns (8-thou)
Structure	Multi-laminate
Tensile Strength	28,500 PSI
Break Strength	220 Pounds per Inch (width)
Adhesive Type	Acrylic Pressure Sensitive
Peel Strength	6 to 7 Pounds per Inch

Test results are produced from film applied to clear 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 or consequential loss howsoever arising.

### Specification:

The safety and security window film is to be Opalux® SA-200CL-iSR, as manufactured by Opalux®. 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.

(When specifying the exterior-grade version, please change the highlighted words as appropriate. Exterior version code: SA-200CL-eSR. Also, insert the additional clause - This exterior film must be correctly edge sealed).