

Opalux® TRADE Solar Control Film

Specialist Heat Control - Clear - Internal

Code: TSO-70iR-iSR



Opalux® Trade Specialist Heat Control Clear Film is state-of-the-art spectrally selective window film. It provides good solar heat rejection without noticeably reducing daylight levels or changing the appearance of the windows.

It is used in situations where solar heat control is needed, but glare control is not a priority, or is provided by other means such as curtains, blinds or awnings. This film is particularly useful for retail shop windows, motor showrooms and commercial or residential applications where retaining a natural appearance is important but solar heat gain is a problem. It can also be energy-saving

by reducing the load on cooling systems, and are normally applied to the inside surface of the glass, but an exterior option is also available where required. It blocks up to 99% of ultra-violet (UV) transmission through the windows, helping preserve curtains, carpets, wood floors and furniture from significant fading or deterioration.



Features	Benefits
Very High Light Transmission	Virtually clear while still offering good heat rejection
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

Performance Data	
Total Solar Energy	
Transmitted	44%
Reflected	7%
Absorbed	49%
Visible Light	
Transmitted	70%
Reflected: Internal External	8%
Ultra-Violet Rejected	<99%
Glare Reduction	24%
Shading Coefficient	0.66
Solar Heat Gain Coefficient (G-Value)	0.57
Winter U-Value (W/m²K)	5.96
Total Solar Energy Rejected	43%
Product Warranty	10 years Vertical 5 years Sloping

Specification:

The solar control window film is to be Opalux® TSO-70iR-iSR, as manufactured by Opalux® (www.opalux.co.uk). 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.

Notes:

Test results are produced from film applied to clear glass. Performance data is subject to change without prior notice. Accurate selection of window films requires specialist knowledge, and it is recommended that specifiers contact the company at the specification stage. Please refer to the Opalux® TRADE Product Warranty Form for the full terms and conditions of the Opalux® TRADE limited warranty. 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.