



# SOLAR CONTROL FILM

## Supreme XL – IR Heat Control/Clear SO-70XLIR-iSR

The Opalux® Supreme XL IR Heat Control film is excellent in filtering out infra-red (IR) radiation while transmitting high visible light levels, combatting a significant proportion of solar heat gain through glazing.

The Opalux® Supreme XL IR Heat Control film is a state-of-the-art spectrally selective window films. 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 is applied to the inside surface of the glass. It blocks up to 99% of ultra-violet (UV) transmission through the windows, helping preserve curtains, carpets, wood floors and furniture from significant fading and deterioration.

### FEATURES

- Very high light transmissions
- Quick, retro-fit installation
- Scratch-resistant
- Screening of harmful UV rays

### BENEFITS

- Reduced fading of interior furnishings
- Virtually clear while still offering good heat rejection
- Suitable for most non-abrasive window-cleaning methods

PERFORMANCE DATA		SO-70XLIR-iSR
SOLAR ENERGY	Transmitted	37%
	Reflected	36%
	Absorbed	27%
VISIBLE LIGHT	Transmitted	73%
	Reflected (Interior)	7%
	Reflected (Exterior)	6%
UV Rejection		99%
Glare Reduction		17%
Shading Coefficient		0.48
Solar Heat Gain Coefficient (G-Value)		0.42
U-Value (W/m²K)		N/A
Total Solar Energy Rejected		58%
Product Warranty		10 years

### NOTES

Test results are produced from film applied to 3mm clear single glass. Performance data is subject to change without prior notice. Accurate selection of window film requires specialist knowledge, and it is recommended that specifiers contact the company at the specification stage. 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 solar control window film is to be Opalux® SO-70XLIR-iSR, as manufactured by Opalux® ([www.opaluxwindowfilms.com](http://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.

SOLAR CONTROL