



## SOLAR CONTROL FILM

### Specialist Heat Control – Clear SO-70IR-iSR

**Opalux® 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

- 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-70IR-iSR

SOLAR ENERGY	Transmitted	50%
	Reflected	11%
	Absorbed	39%
VISIBLE LIGHT	Transmitted	67%
	Reflected (Interior)	7%
	Reflected (Exterior)	8%
UV Rejection		99%
Glare Reduction		24%
Shading Coefficient		0.66
Solar Heat Gain Coefficient (G-Value)		0.57
U-Value (W/m²K)		5.96
Total Solar Energy Rejected		43%
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-70IR-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. XUR films must be correctly edge sealed.

An exterior grade alternative is available.  
Refer to code: SO-70IR-eSR