



CLEAR HEAT CONTROL WINDOW FILMS

Opalux® clear heat control films are state-of-the-art spectrally selective window films. They filter out infra-red (IR) radiation while transmitting high visible light levels.

This means that they give you good solar heat rejection without noticeably reducing daylight levels or changing the appearance of the windows. They are 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.

These films are 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 an issue.

They 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. They block up to 99% of ultra-violet (UV) transmission through the windows, helping preserve curtains, carpets, wood floors and furniture from fading and deteriorating.

Where appropriate you will be connected to an Opalux® approved dealer who can discuss your requirements, visit site if necessary, and provide costings for the film installation.



Accurate selection of window films requires specialist knowledge, and it is recommended that specifiers contact the company at the specification stage +44 (0)845 026 1125 or email solutions@opaluxwindowfilms.com

SOLAR CONTROL



CLEAR HEAT CONTROL WINDOW FILMS

Specialist Heat Control - Clear

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/m ² K)		5.96
Total Solar Energy Rejected		43%
Product Warranty		10 years

Supreme XL IR Heat Control - Clear

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/m ² K)		N/A
Total Solar Energy Rejected		58%
Product Warranty		10 years

External Clear Heat Control

PERFORMANCE DATA		SO-70IR-eSR
SOLAR ENERGY	Transmitted	39%
	Reflected	9%
	Absorbed	52%
VISIBLE LIGHT	Transmitted	75%
	Reflected (Interior)	9%
	Reflected (Exterior)	9%
UV Rejection		99%
Glare Reduction		15%
Shading Coefficient		0.61
Solar Heat Gain Coefficient (G-Value)		0.53
U-Value (W/m ² K)		5.92
Total Solar Energy Rejected		47%
Product Warranty		5 years vertical Up to 2 years sloping

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