



## UV CONTROL, DERMATOLOGY, ANTI-FADE FILMS

The sun's ultra violet (UV) ray's, over time can cause colours to fade, fabrics to deteriorate, wood to warp & crack etc. The damage to your curtains, carpets, floors, furniture and artworks can usually never be reversed, but it can be considerably prevented ahead of time by installing Opalux® UV control, anti-fade window films.

### Standard UV Protection

All Opalux® polyester window films contain UV absorbers and block up to 99% of these harmful UV rays (In technical terms this means up to 99% of the UV rays in the range 300 to 380 nanometres of the solar spectrum).

### Enhanced UV Protection

Opalux® specialist museum grade films provide enhanced UV protection (in technical terms up to 400 nanometres). These come in an optically clear film or with additional solar control properties.

Enhanced UV control properties are also required in healthcare applications for certain skin conditions. Please contact Opalux® customer services department for further information and advice.

### Super Enhanced UV Protection

Opalux® amber UV control film helps filter the blue light of the spectrum present in natural and artificial light. Certain photographic, pharmaceutical, laboratory and manufacturing processes (such as circuit board assembly) are sensitive to this part of the spectrum. The end-user can be given samples to check before proceeding and in some cases multiple layers may be considered.

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](mailto:solutions@opaluxwindowfilms.com)

SOLAR CONTROL



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### Specialist Clear UV

PERFORMANCE DATA		SO-CLUV-ISR
SOLAR ENERGY	Transmitted	77%
	Reflected	10%
	Absorbed	13%
VISIBLE LIGHT	Transmitted	86%
	Reflected (Interior)	10%
	Reflected (Exterior)	10%
<b>UV Rejection (300-380 nanometres)</b>		<b>99.5%</b>
Glare Reduction		2%
Shading Coefficient		0.93
Solar Heat Gain Coefficient (G-Value)		0.81
U-Value (W/m <sup>2</sup> K)		5.96
Total Solar Energy Rejected		19%
Product Warranty		10 years

### Amber UV Control

PERFORMANCE DATA		SO-AMUV-ISR
SOLAR ENERGY	Transmitted	68%
	Reflected	9%
	Absorbed	23%
VISIBLE LIGHT	Transmitted	57%
	Reflected (Interior)	7%
	Reflected (Exterior)	7%
<b>UV Rejection (300-380 nanometres)</b>		<b>99.5%</b>
<b>UV Rejection (380-500 nanometres)</b>		<b>90%</b>
Glare Reduction		35%
Shading Coefficient		0.85
Solar Heat Gain Coefficient (G-Value)		0.74
U-Value (W/m <sup>2</sup> K)		5.91
Total Solar Energy Rejected		26%
Product Warranty		7 years

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All Opalux® polyester window films block up to 99% of the harmful UV rays.

DOWNLOAD THE FULL DATA SHEETS AT [WWW.OPALUXWINDOWFILMS.COM](http://WWW.OPALUXWINDOWFILMS.COM)