



SOLAR FILMS FOR POLYCARBONATE

Solar films for polycarbonate windows or rooflights are manufactured with a special adhesive to counter the tendency for standard reflective films to bubble up if applied to polycarbonate instead of glass.

The interior version is a translucent metallised film which is typically applied to conservatory polycarbonate rooflights to achieve immediate shading and relief from the direct rays of the sun. This film is the well-known brand Opalux® Suncool™.

The exterior version is a metallised silver solar reflective film which gives you maximum solar heat and glare reduction and also daytime one-way privacy. This product is equivalent to an exterior solar reflective film for glass but with a polycarbonate-friendly adhesive which allows for application to most rigid polycarbonate glazing substrates.

This film in daytime lends the glass a silver reflective outside appearance, whilst from the inside the visual effect is much less noticeable as a light tint.

These films not only provide significant glare reduction, but also filter damaging UV rays which are the biggest factor in the premature fading of furniture and furnishings. Accurate selection of film requires specialist knowledge and end-users and specifiers are encouraged to consult Opalux® technical department.

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



SOLAR REFLECTIVE FILMS FOR POLYCARBONATE

Suncool™ (Interior)

PERFORMANCE DATA		SO-10SC-IBF
SOLAR ENERGY	Transmitted	14%
	Reflected	42%
	Absorbed	44%
VISIBLE LIGHT	Transmitted	10%
	Reflected (Interior)	25%
	Reflected (Exterior)	25%
UV Rejection		99%
Glare Reduction		89%
Shading Coefficient		0.25
Solar Heat Gain Coefficient (G-Value)		0.22
U-Value (W/m²K)		N/A
Total Solar Energy Rejected		78%
Product Warranty		5 years

Reflective Silver for Polycarbonates (Exterior)

PERFORMANCE DATA		SO-20RS-eBFSR
SOLAR ENERGY	Transmitted	15%
	Reflected	50%
	Absorbed	35%
VISIBLE LIGHT	Transmitted	17%
	Reflected (Interior)	60%
	Reflected (Exterior)	61%
UV Rejection		99%
Glare Reduction		81%
Shading Coefficient		0.25
Solar Heat Gain Coefficient (G-Value)		0.22
U-Value (W/m²K)		5.92
Total Solar Energy Rejected		78%
Product Warranty		3 years*

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*When correctly installed to vertical polycarbonate and when correctly silicone edge-sealed. Exterior application - terms and conditions apply