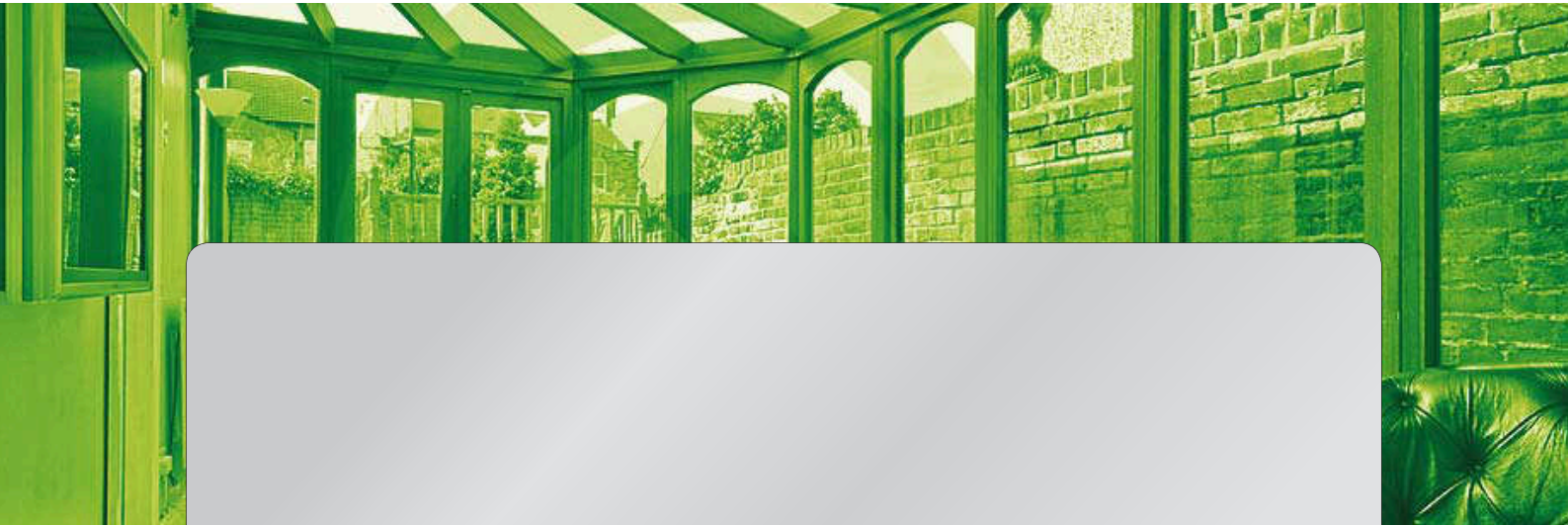


Solar Control Film

SunCool™ for Polycarbonate

Code: SO-20SC-iBF



Opalux® SunCool™ considerably limits solar gain and alleviates interior heat build up combined with offering significant glare reduction and filtering of damaging UV-rays which are the biggest factor in the premature fading of furniture and furnishings.

Opalux SunCool™ is a metallised PVC based solar control film designed for use on many polycarbonate, GFRP and plastic substrates; such as conservatory roofs. This film is of particular use where there is a need to control heat and glare issues. It's satin finish minimises the visual impact and reduces the internal reflection.

Opalux films filter the damaging UV-rays to prolong the life of the internal furnishings. (For specialist UV filtering, e.g. museums or skin conditions, see Specialist UV Control Film). The film is recommended to be applied internally and in the daytime will lend itself to a translucent tinted grey effect.

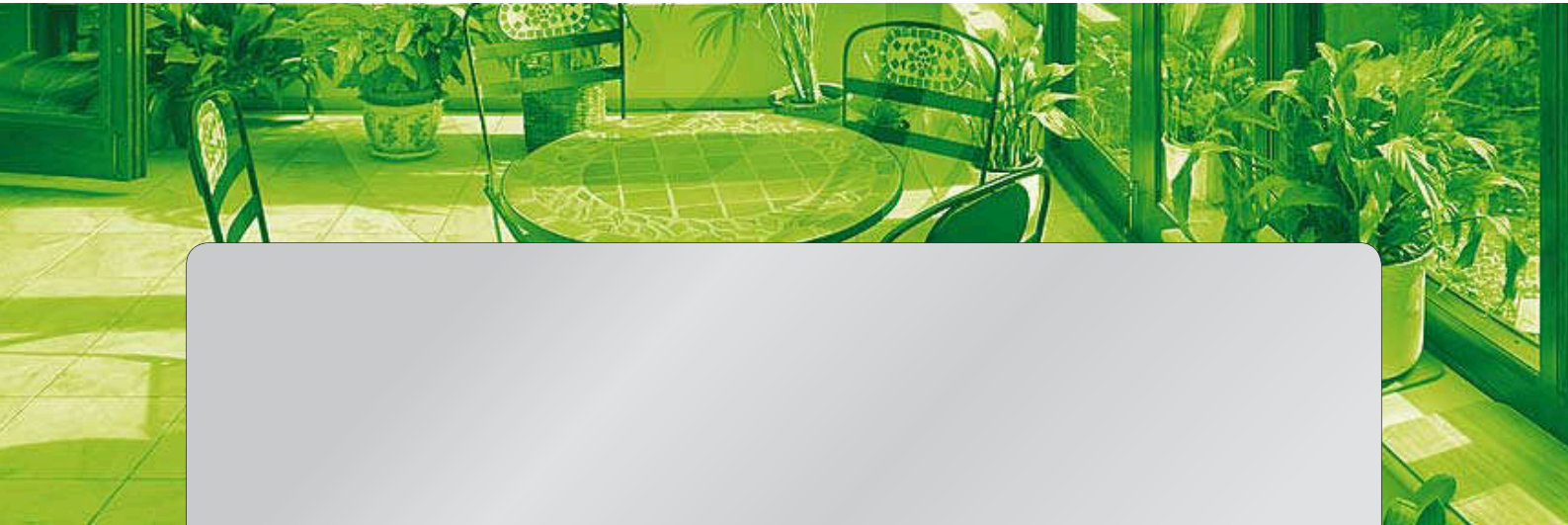


Features	Benefits
Solar heat and glare rejection	Alleviate discomfort caused by excessive heat and glare
Application to polycarbonate	Designed for installation to many polycarbonates
Alternative to roof blinds	More cost effective compared to most roof blind systems
Cuts energy use for cooling	Cost savings through reduced energy consumption and contributes to a reduced carbon footprint
Scratch-resistant	Suitable for most non-abrasive window-cleaning methods
Screening of harmful UV rays	Reduced fading of interior furnishings

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Performance Data

Total Solar Energy

Transmitted 21%

Reflected 40%

Absorbed 39%

Visible Light

Transmitted 25%

Reflected 41%

Ultra-Violet Rejected <99%

Glare Reduction 76%

Total Solar Energy Rejected 68%

Product Warranty 8 years

Specification:

The solar control window film is to be Opalux® **SO-20SC-iBF**, as manufactured by Opalux® (www.opalux.co.uk). 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.

Notes:

Test results are produced from film applied to clear glass. Performance data is subject to change without prior notice. Accurate selection of window films requires specialist knowledge, and it is recommended that specifiers contact the company at the specification stage. Please refer to the Opalux Product Warranty Form for the full terms and conditions of the Opalux limited warranty. It is the users' responsibility to ensure the product is suitable for the intended use. The seller shall not be liable for any direct or consequential loss howsoever arising.

Opalux® SunCool™ is accomplishing its solar heat gain rejection through absorbing a large solar spectrum, preventing its direct entry into your home. As a consequence, under high summer temperature, Opalux® SunCool™ will heat up. It is therefore advised to check: the stability of the panels to thermal stress. Co-extruded panels are more stable to heat. The roof plates should resist to temperature above 100°C. Ventilation is also a very important consideration in controlling high summer temperatures. A space should be allowed between the panels and the frame to permit the physical expansion.