



SOLAR CONTROL FILM

External Reflective – Silver 35

SO-35RS-eSR

External Opalux® Silver 35 medium reflective solar control film offers good heat rejection for externally applied films, and is of particular use in combating solar heat gains and glare problems.

External Opalux® Reflective Silver 35 solar control film can also provide additional benefits such as uniform outside appearance, winter heating savings, and as with most Opalux® films up to 99% ultraviolet light (UV) filtering. (For specialist UV filtering in museums etc, see Specialist UV Control Film). This film helps to reduce cooling costs and therefore Climate Change Levy liability by lightening the load on air conditioning equipment. Government and business organisations can use Opalux® solar control window films as an integral part of seeking to comply with the CRC Energy Efficiency Scheme and The Carbon Trust policies. It also helps to alleviate the discomfort caused by excessive heat and by glaring reflections off computer screens, assisting in compliance with the Workplace (Health, Safety and Welfare) Regulations. The film is applied internally and, in daytime, lends the glass a silver reflective outside appearance, whilst from the inside, the visual effect, much less noticeable, is a light tint.

FEATURES

- Good solar heat and glare rejection
- Cuts energy use for cooling
- Reflective daytime appearance
- Quick, retro-fit installation
- Exterior grade with a scratch-resistant coating
- Screening of harmful UV rays

BENEFITS

- Alleviate the discomfort caused by severe heat and glare
- Reducing energy tax liability and contributes to a reduced carbon footprint
- Provides the option for solar control still to be provided where an internal installation is deemed not possible or not advisable
- Can be used where costly and disruptive large-scale replacement of existing glazing is not a viable option
- Suitable for most non-abrasive window-cleaning methods

PERFORMANCE DATA		SO-35RS-eSR
SOLAR ENERGY	Transmitted	21%
	Reflected	42%
	Absorbed	37%
VISIBLE LIGHT	Transmitted	30%
	Reflected (Interior)	42%
	Reflected (Exterior)	42%
UV Rejection		99%
Glare Reduction		66%
Shading Coefficient		0.36
Solar Heat Gain Coefficient (G-Value)		0.31
U-Value (W/m²K)		5.92
Total Solar Energy Rejected		69%
Product Warranty*		7 years vertical Up to 4 years sloping

NOTES

Test results are produced from film applied to clear 3mm single glazing. 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, indirect or consequential loss or damage howsoever arising.

SPECIFICATION

The solar control window film is to be Opalux® SO-35RS-eSR, as manufactured by Opalux® (www.opaluxwindowfilms.com). The film is to be installed to the exterior side of the glass, and the unique product roll numbers used are to be registered in accordance with the manufacturer's warranty procedure. Exterior grade films must be correctly silicone edge sealed.

***Some warranty periods are reduced or negated as the angle of the sloped glazing lowers towards the horizontal-orientation.**