

Solar Control Film

Reflective - Silver



Opalux® silver reflective solar control films offer maximum heat rejection for internally applied films, and are of particular use in combating severe solar heat gains and glare problems.

Opalux® silver reflective solar control films can also provide additional benefits such as daytime one-way privacy, 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).

These films help 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 Carbon Reduction Commitment scheme and The Carbon Trust policies.

They also help 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 films are applied internally and, in daytime, lend the glass a silver reflective outside appearance, whilst from the inside, the visual effect, much less noticeable, is a light tint.

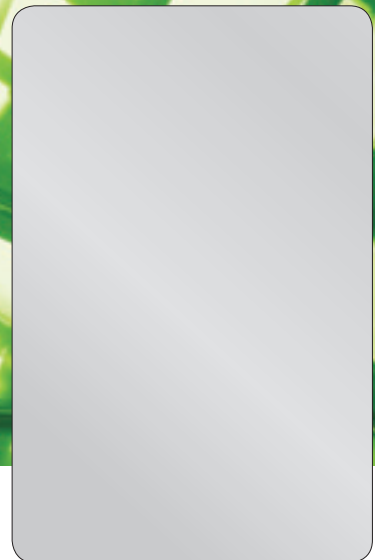


Features	Benefits
Excellent solar heat and glare rejection	Alleviate the discomfort caused by excessive heat and glare
Cuts energy use for cooling	Reducing energy tax liability and contributes to a reduced carbon footprint
Reflective daytime appearance	Increased daytime privacy from outside looking in
Quick, retro-fit installation	Can be used where costly and disruptive large-scale replacement of existing glazing is not a viable option
Scratch-resistant	Suitable for most non-abrasive window-cleaning methods
Screening of harmful UV rays	Reduced fading of interior furnishings

The product performance will differ depending on the specific film type used.

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Silver 20

Internal
Code: SO-20RS-iSR

Performance Data	
Total Solar Energy	
Transmitted	13%
Reflected	52%
Absorbed	35%
Visible Light	
Transmitted	16%
Reflected	55%
Ultra-Violet Rejected	<99%
Glare Reduction	82%
Shading Coefficient	0.26
Total Solar Energy Rejected	78%
Product Warranty	10 years

An exterior grade version is available.
Refer to code: SO-20RS-eSR

Specification:

The solar control window film is to be Opalux® **SO-20RS-iSR**, 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.

(When specifying another solar control film from this range, please change the **highlighted** words as appropriate. For exterior grade film also insert, **Exterior grade films must be correctly edge sealed**).

Silver 35

Internal
Code: SO-35RS-iSR

Performance Data	
Total Solar Energy	
Transmitted	21%
Reflected	42%
Absorbed	37%
Visible Light	
Transmitted	30%
Reflected	42%
Ultra-Violet Rejected	<99%
Glare Reduction	66%
Shading Coefficient	0.35
Total Solar Energy Rejected	69%
Product Warranty	10 years

An exterior grade version is available.
Refer to code: SO-35RS-eSR

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.

Silver 50

Internal
Code: SO-50RS-iSR

Performance Data	
Total Solar Energy	
Transmitted	33%
Reflected	30%
Absorbed	37%
Visible Light	
Transmitted	47%
Reflected	26%
Ultra-Violet Rejected	<99%
Glare Reduction	47%
Shading Coefficient	0.50
Total Solar Energy Rejected	54%
Product Warranty	10 years