

Opalux® TRADE Solar Control Film

Reflective - Silver 20 – External
Code: TSO-20RS-eSR



External Opalux® TRADE Silver 20 reflective solar control film offers maximum heat rejection blocking and reflecting the solar energy before it penetrates the building.

The External Opalux® TRADE silver reflective 20 solar control product can also provide additional benefits such as daytime one-way privacy, uniform outside appearance, winter heating savings, and as with most Opalux® TRADE films up to 99% ultraviolet light (UV) filtering. (For specialist UV filtering in museums etc, see Specialist UV Control Film).

External films are of weather resistant construction having additional UV barriers to help protect the film from degrading through exposure to sunshine, and also having a strong water resistant adhesive.

The External Silver 20 is particularly used when inside access is not always possible or depending on the type of glass, in particular laminated, Georgian-wired, heavy tinted glass or some double or triple glazed.

This film is applied externally 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	Benefits
Excellent solar heat and glare rejection	Alleviate the discomfort caused by excessive heat and glare
Cuts energy use for cooling	Provides the option for solar control still to be provided where an internal installation is deemed not possible or not advisable
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
Exterior grade with a scratch-resistant coating	Suitable for most non-abrasive window-cleaning methods
Screening of harmful UV rays	Reduced fading of interior furnishings

Performance Data	
Total Solar Energy	
Transmitted	13%
Reflected	52%
Absorbed	35%
Visible Light	
Transmitted	16%
Reflected Exterior	58%
Ultra-Violet Rejected	99%
Shading Coefficient	0.25
Total Solar Energy Rejected	78%
Product Warranty	4 years vertical only

Specification:

The solar control film is to be Opalux® TRADE TSO-20RS-eSR, as manufactured by Opalux® (www.opaluxwindowfilms.com). The solar 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.**

Notes:

Test results are produced from film applied to 3mm clear single-glazing. Performance data is subject to change without prior notice. Accurate selection of window film requires specialist knowledge, and it is recommended that specifiers contact the company at the specification stage. Please refer to the Opalux® TRADE product warranty form for the full terms and conditions of the Opalux® TRADE 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.