SOLAR CONTROL FILM
Reflective – Silver 20
SO-20RS-iSR

SOLAR CONTROL

Opalux® Reflective Silver 20 solar control film offers maximum heat rejection for internally applied films, and is of particular use in combating severe solar heat gains and glare problems.

Opalux® Reflective Silver 20 solar control film 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).
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
- Excellent solar heat and glare rejection
- Cuts energy use for cooling
- Reflective daytime appearance
- Quick, retro-fit installation
- Scratch-resistant
- Screening of harmful UV rays

BENEFITS
- Alleviate the discomfort caused by excessive heat and glare
- Reducing energy tax liability and contributes to a reduced carbon footprint
- Increased daytime privacy from outside looking in
- 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
- Reduced fading of interior furnishings

PERFORMANCE DATA		SO-20RS-iSR
SOLAR ENERGY	Transmitted	13%
	Reflected	52%
	Absorbed	35%
VISIBLE LIGHT	Transmitted	16%
	Reflected (Interior)	56%
	Reflected (Exterior)	55%
UV Rejection		99%
Glare Reduction		82%
Shading Coefficient		0.25
Solar Heat Gain Coefficient (G-Value)		0.22
U-Value (W/m^2K)		5.51
Total Solar Energy Rejected		78%
Product Warranty		10 years

NOTES
Test results are produced from film applied to 3mm clear single 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. 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-20RS-iSR, as manufactured by Opalux® (www.opaluxwindowfilms.com). 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.

We always recommend a trial installation is carried out to determine satisfactory performance of the one-way effect in all lighting conditions, and especially where the balance of lighting levels is uncertain, e.g. internal glazed partitions.

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