

Solar Control Film

Grey/Silver Privacy Mirror

Code: SO-10RGS-iSR



Opalux® reflective Grey/Silver Privacy Mirror film offers superior one-way privacy effects than conventional reflective solar control films, and is of particular use in combating severe solar heat gains and glare problems.

The demand for a one-way mirror effect for privacy reasons and security measures increases daily with the proliferation of glass in buildings. To achieve a one-way mirror there must be a greater light level on the 'public' side of the glass than on the 'private' side; consequently, no one-way mirror effect is possible regardless of the balance of light either side of the glazing.

By using Opalux reflective grey/silver privacy mirror you can reduce the normal required difference in balance

of light levels to achieve a one-way mirror effect. 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
Superior one-way privacy effect	Avoid the "fishbowl" effect of glazing and increase security by hindering vision into a property
Excellent solar heat and glare rejection	Alleviate the discomfort caused by excessive heat and by glare
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 the premature fading of interior furnishings

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Performance Data	
Total Solar Energy	
Transmitted	13%
Reflected	54%
Absorbed	33%
Visible Light	
Transmitted	8%
Reflected	52%
Ultra-Violet Rejected	99%
Glare Reduction	91%
Shading Coefficient	0.24
Total Solar Energy Rejected	79%
Product Warranty	10 years

Specification:

The solar control window film is to be Opalux® **SO-10RGS-iSR**, as manufactured by Opalux®. 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.

(For exterior grade film also insert, **Exterior grade films must be correctly edge sealed**).

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.

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, i.e. internal glazed partitions.

An exterior grade version is available. Refer to code: SO-10RGS-eSR