



# SOLAR CONTROL FILM

## External Grey/Silver Privacy Mirror

### SO-10RGS-eSR

The Opalux Reflective External Grey/Silver 10 'Privacy Mirror' is a dual reflective film that offers superior rejection of severe solar heat gains and glare problems, while maintaining a greater one-way privacy effect than conventional reflective films.

This externally installed solar film offers superior heat and glare rejection. 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. This product is to be applied externally and, in daytime, lends the glass a silver reflective external appearance, whilst from the inside, the visual effect, much less noticeable, is a light tint.

### FEATURES

- Superior one-way privacy effect
- Excellent solar heat and glare rejection
- Quick, retro-fit installation
- Exterior grade with a scratch-resistant coating
- Screening of harmful UV rays

### BENEFITS

- Avoid the 'fishbowl' effect of glazing and increase security by hindering vision into a property
- Alleviate the discomfort caused by excessive heat and glare
- 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
- Reduce the premature fading of interior furnishings

PERFORMANCE DATA		SO-10RGS-eSR
SOLAR ENERGY	Transmitted	7%
	Reflected	62%
	Absorbed	31%
VISIBLE LIGHT	Transmitted	8%
	Reflected (Interior)	16%
	Reflected (Exterior)	56%
UV Rejection		99%
Glare Reduction		91%
Shading Coefficient		0.17
Solar Heat Gain Coefficient (G-Value)		0.15
U-Value (W/m²K)		5.92
Total Solar Energy Rejected		85%
Product Warranty*		5 years vertical Up to 3 years sloping

### 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® 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-10RGS-eSR, as manufactured by Opalux® ([www.opaluxwindowfilms.com](http://www.opaluxwindowfilms.com)). The film is to be installed to the exterior surface 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.**

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