



# SOLAR CONTROL FILM

## Dual Reflective – Silver 05

### SO-05DR-iSR

**Opalux® Dual Reflective Silver 05 "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® "privacy mirror" you can reduce the normal required difference in balance of light levels to achieve a one-way mirror effect. 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

- Superior one-way privacy effect
- Excellent solar heat and glare rejection
- Quick, retro-fit installation
- Scratch-resistant
- 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
- 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-05DR-iSR
SOLAR ENERGY	Transmitted	9%
	Reflected	53%
	Absorbed	38%
VISIBLE LIGHT	Transmitted	8%
	Reflected (Interior)	16%
	Reflected (Exterior)	56%
UV Rejection		99%
Glare Reduction		92%
Shading Coefficient		0.23
Solar Heat Gain Coefficient (G-Value)		0.20
U-Value (W/m²K)		5.79
Total Solar Energy Rejected		80%
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-05DR-iSR, as manufactured by Opalux® ([www.opaluxwindowfilms.com](http://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 alternative is available.  
Refer to code: SO-05DR-eSR**