



# SOLAR CONTROL FILM

## Tinted – Dark Slate 05

### SO-05SL-iSR

Opalux® non-reflective Slate 05 is a non-metallised film used for tinting clear glass. It is a great way to help control the light into a room without creating a mirrored external appearance. It is also used for privacy screening where high light transmission is not required.

Avoiding the mirrored look of traditional solar control films, the Slate 05 presents a pleasing architectural appearance. Opalux® non-reflective tinted Slate 05 film offers excellent solar shading properties and is of particular use in alleviating solar glare problems. It can also provide additional benefits such as daytime one-way privacy, a uniform outside appearance, winter heating savings, and as with most Opalux films up to 99% ultraviolet light (UV) filtering. It helps alleviate the discomfort caused by excessive solar heat gain and glaring reflections off computer and display screens, assisting in compliance with the Workplace (Health, Safety and Welfare) Regulations. This film is designed for interior application, and, in daytime, lends the glass a grey/black tinted outside appearance, whilst from the inside the visual effect, much less noticeable, is a light tint.

### FEATURES

- Excellent solar glare reduction
- Tinted non-metallised film
- One-way privacy effect
- Helps reduce solar heat gain
- Screening of harmful UV rays

### BENEFITS

- Alleviate the discomfort caused by excessive heat and glare
- Ideal for installations where a low external reflection is desired
- Helps avoid the “Fishbowl” effect of glazing and increase security by hindering vision into a property
- Can contribute to a reduced carbon footprint and alleviate the discomfort of excessive solar heat gain.
- Helps reduce the premature fading of interior furnishings

PERFORMANCE DATA		SO-05SL-iSR
SOLAR ENERGY	Transmitted	41%
	Reflected	8%
	Absorbed	51%
VISIBLE LIGHT	Transmitted	7%
	Reflected (Interior)	5%
	Reflected (Exterior)	5%
UV Rejection		99%
Glare Reduction		92%
Shading Coefficient		0.57
Solar Heat Gain Coefficient (G-Value)		0.50
U-Value (W/m²K)		N/A
Total Solar Energy Rejected		50%
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-05SL-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.

An exterior grade alternative is available.  
Refer to code: SO-10NRG-eSR

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