



SOLAR CONTROL FILM

Lower Mirror – Green 30

SO-30LMGN-iSR

Opalux® Lower Mirror Green 30 solar control film offers a balanced year-round performance of good solar heat rejection with higher light transmission, while still giving the glass an aesthetic decorative green appearance.

Opalux® Lower Mirror Green 30 coloured film is specially metallised to allow plenty of light along with good solar control properties. Avoiding the mirrored look of traditional solar control films, this presents a pleasing architectural appearance. This coloured film is used to contribute to an aesthetically pleasing appearance of the glass but where a low reflective external appearance is required. They are ideally suited to architecturally sensitive applications such as listed buildings. This film achieves good solar heat and glare control but can still allow vision both ways, and make less visual impact than traditional mirrored films. The film is applied internally and, in daytime, lends the glass a low mirrored green external appearance, whilst from the inside, the visual effect, much less noticeable, is a light tint.

FEATURES

- Good solar heat and glare rejection
- Cuts energy use for cooling
- Lower mirror appearance
- Quick, retro-fit installation
- Scratch-resistant
- Screening of harmful UV rays

BENEFITS

- Alleviate the discomfort caused by severe heat and glare
- Reducing energy tax liability and contributes to a reduced carbon footprint
- Lower visual impact, especially suited to architecturally sensitive buildings
- 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
- Reduced fading of interior furnishings

PERFORMANCE DATA		SO-30LMGN-iSR
SOLAR ENERGY	Transmitted	29%
	Reflected	20%
	Absorbed	51%
VISIBLE LIGHT	Transmitted	30%
	Reflected (Interior)	17%
	Reflected (Exterior)	17%
UV Rejection		99%
Glare Reduction		66%
Shading Coefficient		0.53
Solar Heat Gain Coefficient (G-Value)		0.46
U-Value (W/m²K)		5.53
Total Solar Energy Rejected		54%
Product Warranty		5 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-30LMGN-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.