



SOLAR CONTROL FILM

Lower Mirror – Blue 20

SO-20LMBL-iSR

Opalux® Lower Mirror Blue 20 solar control film offers a balanced year-round performance of good solar heat rejection while giving the glass an aesthetic decorative appearance.

Opalux® Lower Mirror Blue 20 coloured film is specially metallised to allow some of the light through, along with good solar control properties. Avoiding the mirrored look of traditional solar control films, this presents a highly pleasing architectural appearance. This coloured film is used to contribute to an aesthetically pleasing appearance of the glass but where a lower 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 outward 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 blue 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 excessive 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-20LMBL-iSR

SOLAR ENERGY	Transmitted	26%
	Reflected	26%
	Absorbed	48%
VISIBLE LIGHT	Transmitted	22%
	Reflected (Interior)	40%
	Reflected (Exterior)	18%
UV Rejection		99%
Glare Reduction		75%
Shading Coefficient		0.46
Solar Heat Gain Coefficient (G-Value)		0.40
U-Value (W/m²K)		5.51
Total Solar Energy Rejected		60%
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-20LMBL-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.