

Opalux® TRADE Solar Control Film

Lower Mirror - Cool Grey 50 – Internal
Code: TSO-50CG-iSR



Opalux® TRADE Lower Mirror Cool Grey 50 solar control film offers a balanced year-round performance of good solar heat rejection with higher light transmission and additional winter heat-saving benefits.

Opalux® TRADE Lower Mirror Cool Grey 50 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 film helps to reduce cooling costs and therefore Climate Change Levy liability by lightening the load on air conditioning equipment. Government and business organisations can use Opalux® TRADE solar control window films as an integral part of seeking to comply with the Carbon Reduction Commitment scheme and The Carbon Trust policies.

Opalux® TRADE Lower Mirror Cool Grey 50 solar control film is used where a neutral appearance is required, and is ideally suited to architecturally sensitive applications such as listed buildings.

This film achieves plenty of solar heat 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 neutral grey lower mirror outside appearance, whilst from the inside, the visual effect, much less noticeable, is a light tint.



Features	Benefits
Good solar heat rejection	Alleviate the discomfort caused by excessive heat
Cuts energy use for cooling	Reducing energy tax liability and contributes to a reduced carbon footprint
Lower mirror appearance	Lower visual impact, especially suited to architecturally sensitive buildings
Quick, retro-fit installation	Can be used where costly and disruptive large-scale replacement of existing glazing is not a viable option
Scratch-resistant	Suitable for most non-abrasive window-cleaning methods
Screening of harmful UV rays	Reduced fading of interior furnishings

Performance Data	
Total Solar Energy	
Transmitted	38%
Reflected	12%
Absorbed	50%
Visible Light	
Transmitted	45%
Reflected	14%
Ultra-Violet Rejected	<99%
Shading Coefficient	0.62
Total Solar Energy Rejected	46%
Product Warranty	10 years

Specification:

The solar control window film is to be Opalux® TSO-50CG-iSR, as manufactured by Opalux® (www.opalux.co.uk). 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.

Notes:

Test results are produced from film applied to clear 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. Please refer to the Opalux® TRADE Product Warranty Form for the full terms and conditions of the Opalux® TRADE 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 or consequential loss howsoever arising.