

Solar Control Film

Lower Mirror - Neutral Grey



Opalux® neutral grey lower mirror solar control films offer a balanced year-round performance of good solar heat rejection with higher light transmission and additional winter heat-saving benefits.

These neutral grey coloured films are specially metallised to allow plenty of light along with good solar control properties. Avoiding the mirrored look of traditional solar control films, these present a pleasing architectural appearance.

These films help 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 solar control window films as an integral part of seeking to comply with the Carbon Reduction Commitment scheme and The Carbon Trust policies.

Opalux Neutral Grey Lower Mirror Solar Control films are used where a neutral appearance is required, and are ideally suited to architecturally sensitive applications such as listed buildings. These films achieve good solar heat and glare control but, depending on the type chosen, can still allow vision both ways, and make less visual impact than traditional mirrored films.

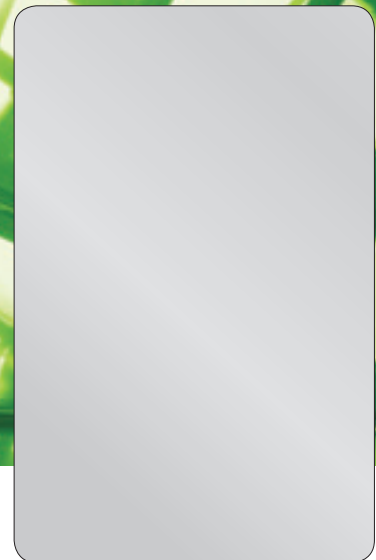
The films are applied internally and, in daytime, lend the glass a neutral grey lower mirror outside appearance, whilst from the inside, the visual effect, much less noticeable, is a light tint.



| Features | Benefits |
|---------------------------------------|--|
| Solar heat and glare rejection | Alleviate the discomfort caused by excessive heat and glare |
| 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 |

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Neutral Grey 20

Internal

Code: SO-20NG-iSR

| Performance Data | |
|-----------------------------|----------|
| Total Solar Energy | |
| Transmitted | 14% |
| Reflected | 27% |
| Absorbed | 59% |
| Visible Light | |
| Transmitted | 18% |
| Reflected | 19% |
| Ultra-Violet Rejected | <99% |
| Glare Reduction | 80% |
| Shading Coefficient | 0.33 |
| Total Solar Energy Rejected | 70% |
| Product Warranty | 10 years |

An exterior grade version is available.
Refer to code: SO-20NG-eSR

Specification:

The solar control window film is to be Opalux® **SO-20NG-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.

(When specifying another solar control film from this range, please change the **highlighted** words as appropriate. For exterior grade film also insert, **Exterior grade films must be correctly edge sealed**).

Neutral Grey 35

Internal

Code: SO-35NG-iSR

| Performance Data | |
|-----------------------------|----------|
| Total Solar Energy | |
| Transmitted | 26% |
| Reflected | 22% |
| Absorbed | 52% |
| Visible Light | |
| Transmitted | 35% |
| Reflected | 17% |
| Ultra-Violet Rejected | <99% |
| Glare Reduction | 60% |
| Shading Coefficient | 0.46 |
| Total Solar Energy Rejected | 61% |
| Product Warranty | 10 years |

An exterior grade version is available.
Refer to code: SO-35NG-eSR

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 Product Warranty Form for the full terms and conditions of the Opalux 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.

Neutral Grey 50

Internal

Code: SO-50NG-iSR

| Performance Data | |
|-----------------------------|----------|
| Total Solar Energy | |
| Transmitted | 39% |
| Reflected | 21% |
| Absorbed | 40% |
| Visible Light | |
| Transmitted | 48% |
| Reflected | 13% |
| Ultra-Violet Rejected | <99% |
| Glare Reduction | 45% |
| Shading Coefficient | 0.57 |
| Total Solar Energy Rejected | 50% |
| Product Warranty | 10 years |