



LOW MIRROR WINDOW FILMS

Opalux® low mirror solar control films can make a big difference to the amount of solar heat & glare transmitted through glass.

They are used where the end user, or specifier, prefer a more neutral appearance, rather than the highly mirrored look of solar reflective films. They are used for architectural and stylistic reasons and, while metallised, have a muted grey or bronze interior and exterior appearance.

They have a lower reflectance but still achieve a good level of solar heat and glare control, which varies with the density selected. Opalux® low mirror films are available in interior, or exterior weatherable versions. Depending on the particular circumstances of the building, film can be applied to the interior or exterior surface of the glass using the appropriate version.

Where appropriate you will be connected to an Opalux® approved dealer who can discuss your requirements, visit site if necessary, and provide costings for the film installation.



Accurate selection of window films requires specialist knowledge, and it is recommended that specifiers contact the company at the specification stage +44 (0)845 026 1125 or email solutions@opaluxwindowfilms.com

SOLAR CONTROL

LOW MIRROR WINDOW FILMS



Neutral Grey 20

| PERFORMANCE DATA | | SO-20NG-iSR |
|---------------------------------------|----------------------|-------------|
| SOLAR ENERGY | Transmitted | 14% |
| | Reflected | 27% |
| | Absorbed | 59% |
| VISIBLE LIGHT | Transmitted | 18% |
| | Reflected (Interior) | 18% |
| | Reflected (Exterior) | 19% |
| UV Rejection | | 99% |
| Glare Reduction | | 80% |
| Shading Coefficient | | 0.34 |
| Solar Heat Gain Coefficient (G-Value) | | 0.30 |
| U-Value (W/m ² K) | | 5.66 |
| Total Solar Energy Rejected | | 70% |
| Product Warranty | | 10 years |

Also available in an exterior alternative, refer to product Sputtered Grey 20 (SO-20SG-eSR)

Neutral Grey 35

| PERFORMANCE DATA | | SO-35NG-iSR |
|---------------------------------------|----------------------|-------------|
| SOLAR ENERGY | Transmitted | 26% |
| | Reflected | 22% |
| | Absorbed | 52% |
| VISIBLE LIGHT | Transmitted | 35% |
| | Reflected (Interior) | 15% |
| | Reflected (Exterior) | 17% |
| UV Rejection | | 99% |
| Glare Reduction | | 60% |
| Shading Coefficient | | 0.45 |
| Solar Heat Gain Coefficient (G-Value) | | 0.39 |
| U-Value (W/m ² K) | | 5.83 |
| Total Solar Energy Rejected | | 61% |
| Product Warranty | | 10 years |

Also available in an exterior alternative, refer to product Sputtered Grey 35 (SO-35SG-eSR)

Neutral Grey 50

| PERFORMANCE DATA | | SO-50NG-iSR |
|---------------------------------------|----------------------|-------------|
| SOLAR ENERGY | Transmitted | 39% |
| | Reflected | 21% |
| | Absorbed | 40% |
| VISIBLE LIGHT | Transmitted | 48% |
| | Reflected (Interior) | 12% |
| | Reflected (Exterior) | 13% |
| UV Rejection | | 99% |
| Glare Reduction | | 45% |
| Shading Coefficient | | 0.57 |
| Solar Heat Gain Coefficient (G-Value) | | 0.50 |
| U-Value (W/m ² K) | | 5.90 |
| Total Solar Energy Rejected | | 50% |
| Product Warranty | | 10 years |

Bronze 20

| PERFORMANCE DATA | | SO-20SB-iSR |
|---------------------------------------|----------------------|-------------|
| SOLAR ENERGY | Transmitted | 15% |
| | Reflected | 42% |
| | Absorbed | 43% |
| VISIBLE LIGHT | Transmitted | 20% |
| | Reflected (Interior) | 38% |
| | Reflected (Exterior) | 33% |
| UV Rejection | | 99% |
| Glare Reduction | | 77% |
| Shading Coefficient | | 0.29 |
| Solar Heat Gain Coefficient (G-Value) | | 0.25 |
| U-Value (W/m ² K) | | 5.46 |
| Total Solar Energy Rejected | | 75% |
| Product Warranty | | 10 years |

Also available in an exterior alternative, refer to product Bronze 20 (SO-20SB-eSR)

Bronze 35

| PERFORMANCE DATA | | SO-35SB-iSR |
|---------------------------------------|----------------------|-------------|
| SOLAR ENERGY | Transmitted | 25% |
| | Reflected | 35% |
| | Absorbed | 40% |
| VISIBLE LIGHT | Transmitted | 40% |
| | Reflected (Interior) | 24% |
| | Reflected (Exterior) | 25% |
| UV Rejection | | 99% |
| Glare Reduction | | 55% |
| Shading Coefficient | | 0.52 |
| Solar Heat Gain Coefficient (G-Value) | | 0.45 |
| U-Value (W/m ² K) | | 5.50 |
| Total Solar Energy Rejected | | 55% |
| Product Warranty | | 10 years |

Also available in an exterior alternative, refer to product Bronze 35 (SO-35SB-eSR)