

## Solar Control

### Low € Reflective Silver 20

**Code:** SO-20LERS-iSR

**Opalux® Low € reflective silver solar control film helps retain heat within the room, lowering winter overheads whilst still offering maximum heat rejection to combat severe solar heat gains and glare problems.**

Opalux® Low € reflective silver solar control film can also provide additional benefits such as daytime one-way privacy, uniform outside appearance, winter heating savings, and as with most Opalux films up to 99% ultraviolet light (UV) filtering.

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.

They also help to alleviate the discomfort caused by excessive heat and by glaring reflections off computer screens, assisting in compliance with the Workplace (Health, Safety and Welfare) Regulations.

Features	Benefits
<b>Insulating</b>	Low emissivity film helps retain heat within the room, lowering winter overheads
<b>Cuts energy use for cooling</b>	Reducing energy tax liability and contributes to a reduced carbon footprint
<b>Solar heat and glare rejection</b>	Alleviate the discomfort caused by excessive heat and glare
<b>Quick, retro-fit installation</b>	Can be used where costly and disruptive large-scale replacement of existing glazing is not a viable option
<b>Screening of harmful UV rays</b>	Reduced fading of interior furnishings

Performance Data	
<b>Total Solar Energy</b>	
Transmitted	10%
Reflected	50%
Absorbed	40%
<b>Visible Light</b>	
Transmitted	16%
Reflected	55%
Ultra-Violet Rejected	99%
U-Value (W/m <sup>2</sup> .°K)	3.79
Winter Heat Loss Reduction	<23%
Total Solar Energy Rejected	78%

#### Specification:

The solar control window film is to be Opalux® SO-20LERS-iSR, as manufactured by Opalux® ([www.opalux.co.uk](http://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 single-glazing. Performance data is subject to change without prior notice. Accurate selection of window film 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 or consequential loss howsoever arising.

Film to Glass U-Value Indication		
Glass Structure	U-Value without film (W/m <sup>2</sup> .°K)	U-Value with film (W/m <sup>2</sup> .°K)
4mm Clear Single Pane	5.8	4.4
4mm Clear/12mm Gap/4mm Clear	2.9	2.3
4mm Clear/12mm Argon Filled/4mm Low-€	1.5	1.3