



Solar 50 C thermal insulation film keeps out the cold in winter and the heat in summer. Given the energy savings it brings in terms of both heating and cooling, it pays for itself very quickly.

### Certifications



**Warranty SOLAR SCREEN®**  
6 years  
See the 'New guarantees for outdoor products' notice



**Fire-Resistance Rating**



**Storage From -5°C To +40°C**  
3 years



**Reach Rohs Compliant**  
Respected



**Widths Available**  
152cm

### Construction

1. Hard scratch resistant layer, for durability and ease of maintenance during window cleaning
2. High optical quality polyester, with anti IR metal particles deposit
3. Bonding adhesive
4. High optical quality polyester
5. PS adhesive, glass polymerization within 15 days
6. Protection release liner, disposable after installation

### Maintenance Instructions

Soapy water solution (ref. Film On 600-F0355), do not clean for at least 1 month, and do not apply stickers or other adhesives to the film\*. To prevent possible oxidation of metal alloys, it is mandatory to use our varnish ref. 0771 on the edges of the film, after installation\*.

### Technical Datasheet

Ultraviolet Transmission	1%
Visible Light Transmission	60%
Reflection Of External Visible Light	26%
Reflection Of Internal Visible Light	25%
Total Solar Energy Rejected	56%
Total Solar Energy Rejected 2*	52%
Solar Ratio :	
Solar Energy Reflection	38%
Solar Energy Absorption	25%
Solar Energy Transmission	37%
Reduction In Solar Glare	41%
G-Value	0.57
U-Value	4.2
Heat Loss Reduction (Winter)	27%
Shading Coefficient	0.47
Installation Type	Indoor
Roll Length	30.5 meters m
Film Composition	PET
Thickness	40µ
Colour From The Outside	SILVER

### Installation Advice

Vertical position and standard glass surface\*

Clear Single Pane	✓
Tinted Single Pane	✓
Reflective Tinted Single Pane	✓
Clear Double Pane	✓
Tinted Double Pane	!
Reflective Tinted Double Pane	✓
Gas-Filled Double Pane - Low E	!
Stadip Ext. Clear Double Pane	✓
Stadip Int. Clear Double Pane	!

✓ Yes ✗ Not Recommended ! Caution

\*Advice based on glass surface up to 2.5m², please consult us for confirmation or thermal shock analysis.

The information on this data sheet is not binding; SOLAR SCREEN® reserves the right to change the composition of its products at any time. Please consult our warranty terms and general sales conditions.