

SOLAR 80 C

Solar 80 C thermal insulation films reduce excess heat gain through glass in summer and also limit heat loss in winter. Significant savings in heating and air-conditioning costs can be made once this film is applied to windows, rapidly offsetting the initial cost of purchase and installation.



SOLAR SCREEN® Warranty 6 YEARS



Fire-resistance rating







European Standard EN 1096-1

TESTED IN A LABORATORY



REACH RoHS compliant RESPECTED

WIDTHS AVAILABLE:

152 cm

TECHNICAL DATASHEET

Data calculated based on film applied to clear glass 3 mm thick (*on double glazing 4-16-4)

Ultraviolet transmission	1 %
Visible light transmission	15 %
Reflection of external visible light	53 %
Reflection of internal visible light	61 %
Total solar energy rejected	82 %
Total solar energy rejected 2*	86 %
Solar ratio:	
Solar energy reflection	63 %
Solar energy absorption	25 %
Solar energy transmission	15 %
Reduction in Solar Glare	83 %
g-value	0.18
u-value	3.8
Heat loss Reduction (Winter)	34%
Emissivity	0.17
Shading coefficient	0.62
Installation type: Interior	
Roll length	30,5 m
Film composition	PET
Thickness	50 μ

INSTALLATION ADVICE

Vertical installation and on standard glass surface*

Clear single pane	~
Tinted single pane	~
Reflective tinted single pane	~
Clear double pane	Ţ
Tinted double pane	×
Reflective tinted double pane	~
Gas-filled double pane - Low E	×
STADIP EXT. clear double pane	Ţ
STADIP INT. clear double pane	×

✓ Yes ! Caution

X Not recommended

*Recommendations provided on the basis of a glazed surface covering up to 2.5m², contact us for definitive details or to obtain a thermal chock analysis report.

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

Colour from the outside: SILVER

- 4. High optical quality polyester5. PS adhesive, glass polymerization within 15 days
- **6.** Protection release liner, disposable after installation

MAINTENANCE INSTRUCTIONS

Soapy water solution (ref. 600-F0355 Film on), do not clean for at least a month and do not apply any type of sticker or adhesive on the film. To prevent a possible oxidation of the metal alloys, it is mandatory to use our sealing varnish (reference number 0771) on the corners of the film, after installation.

Non-contractual data, SOLAR SCREEN® reserves the right to modify the composition of its films at any time. Consult our guarantee vouchers and our general conditions of sale.