



STEEL 50 C

Steel 50 C films are highly effective at reducing solar heat gain, whilst at the same time continuing to allow some natural light transmission. They offer a discreet solution for the reduction of solar heat gain thanks to the film's neutral tint.



SOLAR SCREEN® Warranty
10 YEARS



Fire-resistance rating
M1



Storage from -5°C to +40°C
3 YEARS



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	48 %
Reflection of external visible light	16 %
Reflection of internal visible light	16 %
Total solar energy rejected	55 %

Total solar energy rejected 2 50 %

Solar ratio :	
Solar energy reflection	17 %
Solar energy absorption	35 %
Solar energy transmission	48 %

Reduction in Solar Glare 50 %

g-value	0.44
u-value	5.7
Shading coefficient	0.5

Installation type : Internal application

Roll length 30,5 m

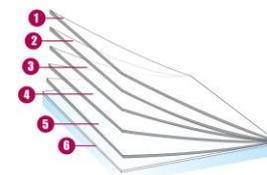
PET / PVC composition PET

Thickness 50 µ

Colour : NEUTRAL

CONSTRUCTION

1. "Hard" scratch resistant layer, for durability and ease of maintenance during window cleaning
2. Dyed polyester without optical distortion, with anti IR metal particles deposit
3. Bonding adhesive
4. Dyed polyester without optical distortion
5. PS adhesive, glass polymerization within 15 days
6. Protection release liner, disposable after installation



INSTALLATION ADVICE

Vertical installation and on 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 ! Caution ✗No

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

MAINTENANCE INSTRUCTIONS

Soapy water solution (ref. sun pose 0808 or 0805 Film on), do not clean for at least a month and do not apply any type of sticker or adhesive on the film.

Non-contractual data, SOLAR SCREEN® reserves the right to modify the composition of its films at any time.