



### COPPER 50 C

Copper 50 C films are highly effective at reducing solar heat gain, whilst at the same time continuing to allow most natural light to pass through. The film helps noticeably reduce solar glare, conveying a touch of colour and customization to the external aspect of a building.



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

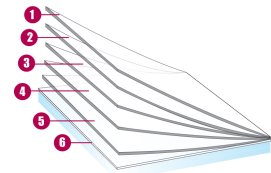
Data calculated based on film applied to clear glass 3 mm thick (\*on double glazing 4-16-4)

Ultraviolet transmission	1 %
Visible light transmission	50 %
Reflection of external visible light	17 %
Reflection of internal visible light	17 %
Total solar energy rejected	55 %
Total solar energy rejected 2*	50 %
Solar ratio :	
Solar energy reflection	22 %
Solar energy absorption	43 %
Solar energy transmission	35 %
Reduction in Solar Glare	50 %
g-value	0.46
u-value	5.39
Shading coefficient	0.5
Installation type : Internal application	
Roll length	30,5 m
PET / PVC composition	PET
Thickness	50 µ

Colour : COPPER

### 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. 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.*

### 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    ✗ Not recommended

\*Recommendations provided on the basis of a glazed surface covering up to 2.5m<sup>2</sup>, contact us for definitive details or to obtain a thermal chock analysis report.