



### COPPER 80 XC

Copper 80 XC films are highly effective at reducing solar heat gain, whilst at the same time continuing to allow some natural light transmission. They help achieve a significant reduction of solar glare, conveying a touch of colour and customization to the external aspect of a building.



SOLAR SCREEN® Warranty  
 See the notice "new guarantees for the external films"



Fire-resistance rating  
**M1**



Storage from -5°C to +40°C  
**3 YEARS**



REACH RoHS compliant  
**RESPECTED**



EN 61000-5-7  
**RESPECTED**



ASTM D4935-18  
**RESPECTED**

### WIDTHS AVAILABLE:

↔ **152 cm**

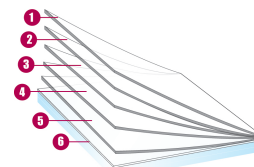
### TECHNICAL DATASHEET

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

Ultraviolet transmission	1 %
Visible light transmission	20 %
Reflection of external visible light	37 %
Reflection of internal visible light	37 %
Total solar energy rejected	78 %
Total solar energy rejected 2*	84 %
Solar ratio :	
Solar energy reflection	39 %
Solar energy absorption	46 %
Solar energy transmission	15 %
Reduction in Solar Glare	79 %
g-value	0.27
u-value	-
Shading coefficient	0.2
Installation type : External application	
Roll length	30,5 m
PET / PVC composition	PET
Thickness	75 µ
Colour : COPPER	

### CONSTRUCTION

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



### MAINTENANCE INSTRUCTIONS

Soapy water solution (ref. 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. Consult our guarantee vouchers and our general conditions of sale.*

### 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 shock analysis report.