



### COBALT 80 C

Cobalt 80 C films are highly effective at reducing solar heat gain, whilst at the same time continuing to allow most natural light to pass through. These films help 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

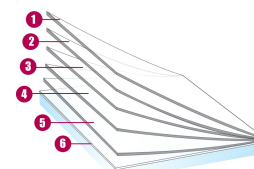
Data calculated based on film applied to clear glass 3 mm thick (\*on double glazing 4-16-4)

Ultraviolet transmission	1 %
Visible light transmission	10 %
Reflection of external visible light	18 %
Reflection of internal visible light	60 %
Total solar energy rejected	76 %
Total solar energy rejected 2*	72 %
Solar ratio :	
Solar energy reflection	33 %
Solar energy absorption	59 %
Solar energy transmission	8 %
Reduction in Solar Glare	90 %
g-value	0.23
u-value	5.1
Shading coefficient	0.2
Installation type : Interior	
Roll length	30,5 m
Film composition	PET
Thickness	50 µ

Colour from the outside : BLACK

### CONSTRUCTION

1. Hard scratch resistant layer, for durability and ease of maintenance during window cleaning
2. Dyed polyester without optical distortion
3. Bonding adhesive
4. High optical quality polyester, with anti IR metal particles deposit
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    ✗ 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.

### 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.*