



#### 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





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 u

# Colour from the outside: BLACK

## INSTALLATION ADVICE

Vertical installation and on standard glass surface\*\*

Clear single pane	<b>V</b>
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	×

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.

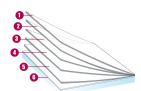
### **CONSTRUCTION**

- 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
- **5.** PS adhesive, glass polymerization within 15 days **6.** 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