



### NICKEL 80 XC

Nickel 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 noticeably reduce 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**

### WIDTHS AVAILABLE:

↔ **122 cm**

↔ **152 cm**

### TECHNICAL DATASHEET

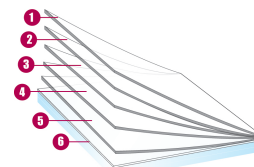
Data calculated based on film applied to clear glass 3 mm thick (\*on double glazing 4-16-4)

Ultraviolet transmission	1 %
Visible light transmission	20 %
Reflection of external visible light	37 %
Reflection of internal visible light	16 %
Total solar energy rejected	74 %
Total solar energy rejected 2*	77 %
Solar ratio :	
Solar energy reflection	41 %
Solar energy absorption	43 %
Solar energy transmission	16 %
Reduction in Solar Glare	78 %
g-value	0.28
u-value	5.64
Shading coefficient	0.3
Installation type : Exterior	
Roll length	30,5 m
Film composition	PET
Thickness	60 µ

Colour from the outside : GREY

### CONSTRUCTION

- "Hard" scratch resistant layer, for durability and ease of maintenance during window cleaning
- Dyed polyester without optical distortion, with anti IR metal particles deposit
- Bonding adhesive
- Dyed polyester without optical distortion
- PS adhesive, glass polymerization within 15 days
- 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 chock 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.*