



### CLARITY 245 XC

Clarity 245 XC films are highly effective at reducing solar heat gain, whilst at the same time continuing to allow a large part of natural light transmission.



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**

↔ **183 cm**

### TECHNICAL DATASHEET

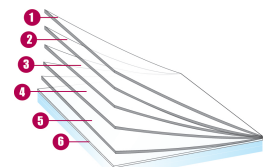
Data calculated based on film applied to clear glass 3 mm thick (\*on double glazing 4-16-4)

Ultraviolet transmission	<1 %
Visible light transmission	59 %
Reflection of external visible light	17 %
Reflection of internal visible light	17 %
Total solar energy rejected	53 %
Total solar energy rejected 2*	57 %
Solar ratio :	
Solar energy reflection	25 %
Solar energy absorption	32 %
Solar energy transmission	43 %
Reduction in Solar Glare	40 %
g-value	0.50
u-value	5.8
Shading coefficient	0.4
Installation type : Exterior	
Roll length	30,5 m
Film composition	PET
Thickness	65 µ

Colour from the outside : NEUTRAL

### 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



### 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. The silicone should be applied to the perimeter of the film when it is installed externally, to prevent any oxidation. Please read the notice regarding "new warranty for external films"

*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.*