



### CLEAR 12 C

Clear12 C films help secure your windows by ensuring that the glass does not shatter, remaining transparent and retaining its overall integrity in the event of an impact, explosion or fire. Ideally suited to covering large glazed expanses, it complies with European Standard EN 12600.



SOLAR SCREEN® Warranty  
**10 YEARS**



Fire-resistance rating  
**M1**



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



European Standard EN 12600  
**1B1**



REACH RoHS compliant  
**RESPECTED**

### TECHNICAL DATASHEET

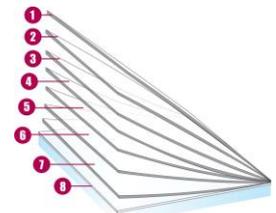
Data calculated based on film applied to clear glass 3 mm thick (\*on double glazing 4-16-4)

Ultraviolet transmission	5 %
Visible light transmission	85 %
Reflection of external visible light	12 %
Reflection of internal visible light	12 %
Total solar energy rejected	20 %
Total solar energy rejected 2	21 %
Solar ratio :	
Solar energy reflection	10 %
Solar energy absorption	9 %
Solar energy transmission	81 %
Reduction in Solar Glare	16 %
g-value	0.8
u-value	5.7
Shading coefficient	0.9
Installation type : Internal application	
Roll length	30,5 m
PET / PVC composition	PET
Thickness	350 µ

Colour : TRANSPARENT

### CONSTRUCTION

1. "Hard" scratch resistant layer, for durability and ease of maintenance during window cleaning
2. High optical quality polyester 100µ
3. Bonding adhesive
4. High optical quality polyester 100µ
5. Bonding adhesive
6. High optical quality polyester 100µ
7. Reinforced PS Adhesive to accompany the elasticity of the film in case of impact, glass polymerization within 30 days
8. 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    ✗ No

\*Recommendations provided on the basis of a glazed surface covering up to 2.5m<sup>2</sup>.

### WIDTHS AVAILABLE:

- ↔ **122 cm**
- ↔ **152 cm**
- ↔ **183 cm**

### MAINTENANCE INSTRUCTIONS

Soapy water solution (ref. sun pose 0808 or 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.*