



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



EN 356
P2A

WIDTHS AVAILABLE:

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

TECHNICAL DATASHEET

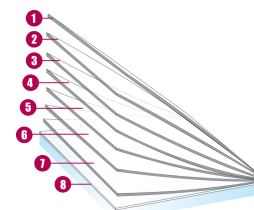
Data calculated based on film applied to clear glass 3 mm thick (*on double glazing 4-16-4)

Ultraviolet transmission	5 %
Visible light transmission	82 %
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	0.80
u-value	5.7
Shading coefficient	0.9
Tensile strength (kg/cm ²)	61
Elongation at break	125%
Installation type : Interior	
Roll length	30,5 m
Film composition	PET
Thickness	310 μ

Colour from the outside :
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



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.

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 2.5m².