SOLAR SCREEN
SMART FILM SOLUTIONS

SAFE 4 C
FILMS SAFETY
TRANSPARENT BURGLARY PROTECTION FILM



SAFE 4 C

Safe 4 C films are perfectly transparent and 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. Comply 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
2B2

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	5 %
Visible light transmission	85 %
Reflection of external visible light	11 %
Reflection of internal visible light	11 %
Total solar energy rejected	19 %
Total solar energy rejected 2*	19 %
Solar ratio :	
Solar energy reflection	9 %
Solar energy absorption	14 %
Solar energy transmission	77 %
Reduction in Solar Glare	14 %
g-value	0.83
u-value	5.7
Shading coefficient	0.9
Tensile strength (kg/cm^2)	28
Elongation at break	125%
Installation type : Interior	
Roll length	30,5 m
Film composition	PET
Thickness	120 µ
Colour from the outside : TRANSPARENT	

INSTALLATION ADVICE

Vertical installation and on standard glass surface*

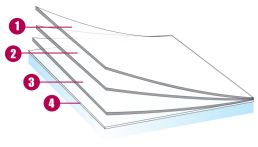
Clear single pane	✓
Tinted single pane	✓
Reflective tinted single pane	✓
Clear double pane	✓
Tinted double pane	✓
Reflective tinted double pane	✓
Gas-filled double pane - Low E	✓
STADIP EXT. clear double pane	✓
STADIP INT. clear double pane	✓

✓ Yes ! Caution ✗ Not recommended

*Recommendations provided on the basis of a glazed surface covering up to 2.5m^2.

CONSTRUCTION

1. Hard scratch resistant layer, for durability and ease of maintenance during window cleaning
2. High optical quality polyester
3. Reinforced PS adhesive to accompany the elasticity of the film in case of impact, glass polymerization within 30 days
4. Protection release liner, disposable after installation



MAINTENANCE INSTRUCTIONS

Safety film with reinforced PS adhesive requiring a suitable application solution (Film On ref 600-F0355 and 2cl/litre of water) and a suitable safety squeegee 150-054/150-055/150-056. Do not clean for at least 1 month and do not apply stickers or other adhesives to 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.