SOLAR SCREEN
SMART FILM SOLUTIONS

CLEAR 17 C

Safety
Bomb Blast

Clear 17 C film helps 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 13541 –ER1.

Certifications

Warranty SOLAR SCREEN®
10 years
See the 'New guarantees for outdoor products' notice

Fire-Resistance Rating

Storage From -5°C To +40°C
3 years

Reach Rohs Compliant
Respected

EN 13541 Standard
ER1

Widths Available
152cm

Construction

1. Hard scratch resistant layer, for durability and ease of maintenance during window cleaning
2. 100µ high optical quality polyester
3. Adhesive bonding layer
4. 100µ high optical quality polyester
5. Non permanent PS adhesive
6. 100µ high optical quality polyester
7. Adhesive bonding layer
8. 100µ high optical quality polyester
9. Reinforced PS adhesive to support the film's elasticity in case of impact, polymerizing with the glass within a 30-day timeframe.
10. 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/liter 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.

Technical Datasheet

Ultraviolet Transmission	1%
Visible Light Transmission	86%
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
Installation Type	Indoor
Roll Length	30.5 meters m
Film Composition	PET
Thickness	485µ
Colour From The Outside	TRANSPARENT

Installation Advice

Vertical position and 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 ✗ Not Recommended ! Caution

*Advice based on glass surface up to 2.5m².

The information on this data sheet is not binding; SOLAR SCREEN® reserves the right to change the composition of its products at any time. Please consult our warranty terms and general sales conditions.