



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.

Certifications

**Warranty SOLAR SCREEN®**

10 years
See the 'New guarantees for outdoor products' notice

**Fire-Resistance Rating**

M1

**Storage From -5°C To +40°C**

3 years

**Reach Rohs Compliant**

Respected

**European Standard EN 12600**

1B1



P2A

**Widths Available**

122cm 152cm 183cm

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

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.

Technical Datasheet

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	0.8
U-Value	5.7
Shading Coefficient	0.9
Installation Type	Interior
Roll Length	30.5 meters m
Film Composition	PET
Thickness	310μ
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

*Recommendations provided on the basis of a glazed surface covering 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.