SOLAR SCREEN
SMART FILM SOLUTIONS

SILVER 470 C

Safety
Combination

Silver 470 C films are highly effective at reducing solar heat gain, whilst at the same time continuing to allow most natural light to pass through. Solar glare is greatly diminished and its one-way mirror aspect guarantees privacy from prying eyes, whilst affording a modern feel to the exterior of a building. A highly resilient film, it helps to secure your windows by ensuring that the glass does not shatter in the event of an impact or explosion. 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
2B2

Widths Available
122cm 152cm

Construction

1. Hard scratch resistant layer, for durability and ease of maintenance during window cleaning
2. High optical quality polyester, with anti IR metal particles deposit
3. Bonding adhesive
4. High optical quality polyester
5. Reinforced PS Adhesive to accompany the elasticity of the film in case of impact, glass polymerization within 30 days
6. 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	1%
Visible Light Transmission	30%
Reflection Of External Visible Light	44%
Reflection Of Internal Visible Light	44%
Total Solar Energy Rejected	68%
Total Solar Energy Rejected 2*	65%
Solar Ratio :	
Solar Energy Reflection	43%
Solar Energy Absorption	35%
Solar Energy Transmission	22%
Reduction In Solar Glare	68%
G-Value	0.32
U-Value	5.1
Shading Coefficient	0.3
Installation Type	Interior
Roll Length	30.5 meters m
Film Composition	PET
Thickness	125µ
Colour From The Outside	SILVER MEDIUM

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, contact us for definitive details or to obtain a thermal chock analysis report.

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.