



Silver 480 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. Conforms to European Standard EN 12600.

Certifications



Warranty SOLAR SCREEN®
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 | 18% |
| Reflection Of External Visible Light | 60% |
| Reflection Of Internal Visible Light | 58% |
| Total Solar Energy Rejected | 80% |
| Total Solar Energy Rejected 2* | 75% |
| Solar Ratio : | |
| Solar Energy Reflection | 56% |
| Solar Energy Absorption | 33% |
| Solar Energy Transmission | 11% |
| Reduction In Solar Glare | 83% |
| G-Value | 0.2 |
| U-Value | 5.1 |
| Shading Coefficient | 0.2 |
| Installation Type | Interior |
| Roll Length | 30.5 meters m |
| Film Composition | PET |
| Thickness | 125µ |
| Colour From The Outside | SILVER |

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 shock 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.