



Solar Screen

CLEAR 4 XC G

Safety

Anti-Graffiti - Long term

Description

Clear 4 XC G solvent resistant films provide highly effective protection against tags and graffiti. Its protective qualities are not limited to solvents, it will also shield a window's surface from other acts of vandalism involving scratching or acid etching. An easy film to install and replace, it is also classed as a security film, providing protection by holding shattered glass in place in the event of an explosion or serious impact.

Certifications



REACH / RoHS
Compliant



EN 12600
2B2













Fire Resistance Rating
M1



View test videos on
the safety film

Characteristics



-  **Warranty**
5 years
-  **Fire Resistance Rating**
M1
-  **Storage in recommended conditions**
3 years
-  **REACH / RoHS**
Compliant
-  **EN 12600**
2B2
-  **Widths Available**
122 cm, 152 cm, 183 cm
-  **Installation Type**
Exterior
-  **Color From the Outside**
Transparent
-  **Length**
30.5 m
-  **Product Carbon Footprint (LCA)**
2.16 kgCO₂e/m²

Construction

- Scratch-resistant hard coating providing surface protection, durability, and ease of cleaning
- High optical quality polyester
- Bonding adhesive
- High optical quality polyester
- Half permanent adhesive that will ease the removal of the film from the window
- Protection PET release liner, disposable after installation

-  **Composition**
PET
-  **Thickness**
125 µm

Mechanical Properties

-  **Tensile strength at break**
220 MPa
-  **Elongation at break**
125%

Optical and solar properties

Pane type	Single 3mm		Double Low-E	
	No film	With Film	No film	With Film
UV Rejection (%)	25	99	40	99
Visible Light Transmission (%)	91	93	82	81
Visible Light Reflection - External (%)	8	9	11	10
Visible Light Reflection - Internal (%)	8	9	12	10
Solar Energy Reflection (%)	5	10	12	28
Solar Energy Absorption (%)	8	8	28	18
Solar Energy Transmission (%)	87	82	60	54
Total Solar Energy Rejected (%)	12	17	35	39
Glare Reduction (%)	-	14	-	1
Shading Coefficient	-	0.90	-	0.94
g-value	0.88	0.83	0.65	0.61
U-value (W/m ² .°C)	5.8	5.7	1.1	1.1

Application advice⁰¹

Vertical situation and for a standard glazed 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

Installation and Maintenance Advise

Safety film with reinforced PS adhesive, requiring a suitable application solution : Slide On (600-F02) or Film On (600-F0355) diluted at 2 cL/L of water, and a suitable safety squeegee (150-054 / 150-055 / 150-056). Do not clean for at least one month or apply stickers/adhesives to the film.



Download the
installation and
maintenance advice

⁰¹ Advice based on glazed surface area up to 2.5 m², please contact us for any confirmation or thermal shock analysis.
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