



EXT. SAFETY 200 micron (8mil)

SAFETY & SECURITY

Description

Clear 8 XC 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. Comply with European Standard EN 12600.

Certifications

-  **REACH / RoHS**
Compliant
-  **EN 12600**
1B1
-  **EN 356**
P1A
-  **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**
1B1
- EN 356**
P1A
- Widths Available**
152 cm, 183 cm
- Installation Type**
Exterior
- Color From the Outside**
Transparent
- Length**
30.5 m
- Product Carbon Footprint (LCA)**
2.21 kgCO₂e/m²

Mechanical Properties

- Tensile force at break**
40 kg/cm
- 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	83	82	75
Visible Light Reflection - External (%)	8	10	11	13
Visible Light Reflection - Internal (%)	8	10	12	13
Solar Energy Reflection (%)	5	10	28	29
Solar Energy Absorption (%)	8	14	12	20
Solar Energy Transmission (%)	87	76	60	51
Total Solar Energy Rejected (%)	12	20	35	43
Glare Reduction (%)	-	15	-	9
Shading Coefficient	-	0.90	-	0.88
g-value	0.88	0.82	0.65	0.57
U-value (W/m ² .°C)	5.8	5.7	1.1	1.1

Construction

- 1 Scratch-resistant hard coating providing surface protection, durability, and ease of cleaning
- 2 High optical quality polyester
- 3 Bonding adhesive
- 4 High optical quality polyester
- 5 Reinforced PS adhesive to accompany the elasticity of the film in case of impact, polymerizes with glass within 30 days
- 6 Protection PET release liner, disposable after installation

- Composition**
PET
- Thickness**
240 µm

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 Advice

You can easily make your own installation fluid at home. Mix 1 liter of water with about 8 drops of baby shampoo or a mild, clear dish soap for installation and cleaning. Do not clean for one month after installation or apply stickers/adhesives on the film.

To ensure maximum durability and weather resistance, the edges of the window film should be sealed with a high-quality exterior-grade silicone, further information can be seen on our fittig page.



Download the installation and maintenance advice

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

The data in this information sheet is not contractual, we reserves the right to modify the composition of its products at any time. Please refer to our warranties and general sales conditions.