



Solar  Screen

CLEAR 8 C (NEW)

Safety
Security - Protection

Description

Clear 8 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. 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
10 years



Fire Resistance Rating
M1



Storage in recommended conditions
3 years



REACH / RoHS
Compliant



EN 12600
1B1



EN 356
P1A



Widths Available
122 cm, 152 cm, 183 cm



Installation Type
Interior



Color From the Outside
Transparent



Length
30.5 m



Product Carbon Footprint (LCA)
2.55 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	95	40	99
Visible Light Transmission (%)	91	83	82	75
Visible Light Reflection - External (%)	8	10	11	15
Visible Light Reflection - Internal (%)	8	10	12	15
Solar Energy Reflection (%)	5	10	28	24
Solar Energy Absorption (%)	8	14	12	26
Solar Energy Transmission (%)	87	76	60	50
Total Solar Energy Rejected (%)	12	20	35	35
Glare Reduction (%)	-	15	-	9
Shading Coefficient	-	0.90	-	1.0
g-value	0.88	0.82	0.65	0.65
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 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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