

Solar Screen

MULTI - PROTEC 4 C

Safety

Anti-Graffiti - Standard

Description

This multi-layer film has many lives! Indeed, thanks to its 4 layers of 100 microns, it will protect your surfaces from graffiti and tags. Once the film is too visually damaged, you can simply remove the layer. You have 4 layers before you have to install a new film. In addition, this film will also reinforce your windows against accidents, aggression and explosion risks.

Certifications

REACH / RoHS
Compliant

Fire Resistance Rating
M1

Certified B Corporation

View test videos on the safety film

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Characteristics

Warranty
Up to 5 years

Fire Resistance Rating
M1

Storage in recommended conditions
3 years

REACH / RoHS
Compliant

Widths Available
152 cm

Installation Type
Interior / Exterior

Color From the Outside
Transparent

Length
30.5 m

Product Carbon Footprint (LCA)
2.64 kgCO2e/m²

Construction

1 Scratch-resistant hard coating providing surface protection, durability, and ease of cleaning
2 100 µm high optical quality polyester
3 Non permanent PS adhesive
4 Scratch-resistant hard coating providing surface protection, durability, and ease of cleaning
5 100 µm high optical quality polyester
6 Non permanent PS adhesive
7 Scratch-resistant hard coating providing surface protection, durability, and ease of cleaning
8 100 µm high optical quality polyester
9 Non permanent PS adhesive
10 Scratch-resistant hard coating providing surface protection, durability, and ease of cleaning
11 100 µm high optical quality polyester
12 Non permanent PS adhesive
13 Protection PET release liner, disposable after installation

Composition
PET

Thickness
485 µm

Mechanical Properties

Tensile force at break
N/A

Elongation at break
N/A

Optical and solar properties

	Single 3mm		Double Low-E	
Pane type	No film	With Film	No film	With Film
UV Rejection (%)	25	98	40	99
Visible Light Transmission (%)	**91**	**82**	**82**	**74**
Visible Light Reflection - External (%)	8	11	11	16
Visible Light Reflection - Internal (%)	8	11	12	16
Solar Energy Reflection (%)	5	9	28	24
Solar Energy Absorption (%)	8	14	12	25
Solar Energy Transmission (%)	87	77	60	50
Total Solar Energy Rejected (%)	**12**	**19**	**35**	**35**
Glare Reduction (%)	-	17	-	10
Shading Coefficient	-	0.90	-	1.0
g-value	**0.88**	**0.83**	**0.65**	**0.65**
U-value (W/m².°C)	5.8	5.7	1.1	1.1

Application advice[01]

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-FO2) 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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