

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

Certified B Corporation

View test videos on the safety film

Solar Screen

# CLEAR 4 XC G

Safety
Anti-Graffiti - Long term

## Characteristics

**Warranty**
Up to 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)**
2.44 kgCO2e/m²

## 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 Half permanent adhesive that will ease the removal of the film from the window
6 Protection PET release liner, disposable after installation

**Composition**
PET

**Thickness**
125 µm

## Mechanical Properties

**Tensile force at break**
220 kg/cm

**Elongation at break**
125%

## Optical and solar properties

| | Single 3mm | | Double Low-E | |
|---|---|---|---|---|
| Pane type | No film | With Film | No film | With Film |
| UV Rejection (%) | 25 | 99 | 40 | 99 |
| **Visible Light Transmission (%)** | **91** | **91** | **82** | **81** |
| Visible Light Reflection - External (%) | 8 | 9 | 11 | 10 |
| Visible Light Reflection - Internal (%) | 8 | 9 | 12 | 10 |
| Solar Energy Reflection (%) | 5 | 10 | 28 | 28 |
| Solar Energy Absorption (%) | 8 | 8 | 12 | 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/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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