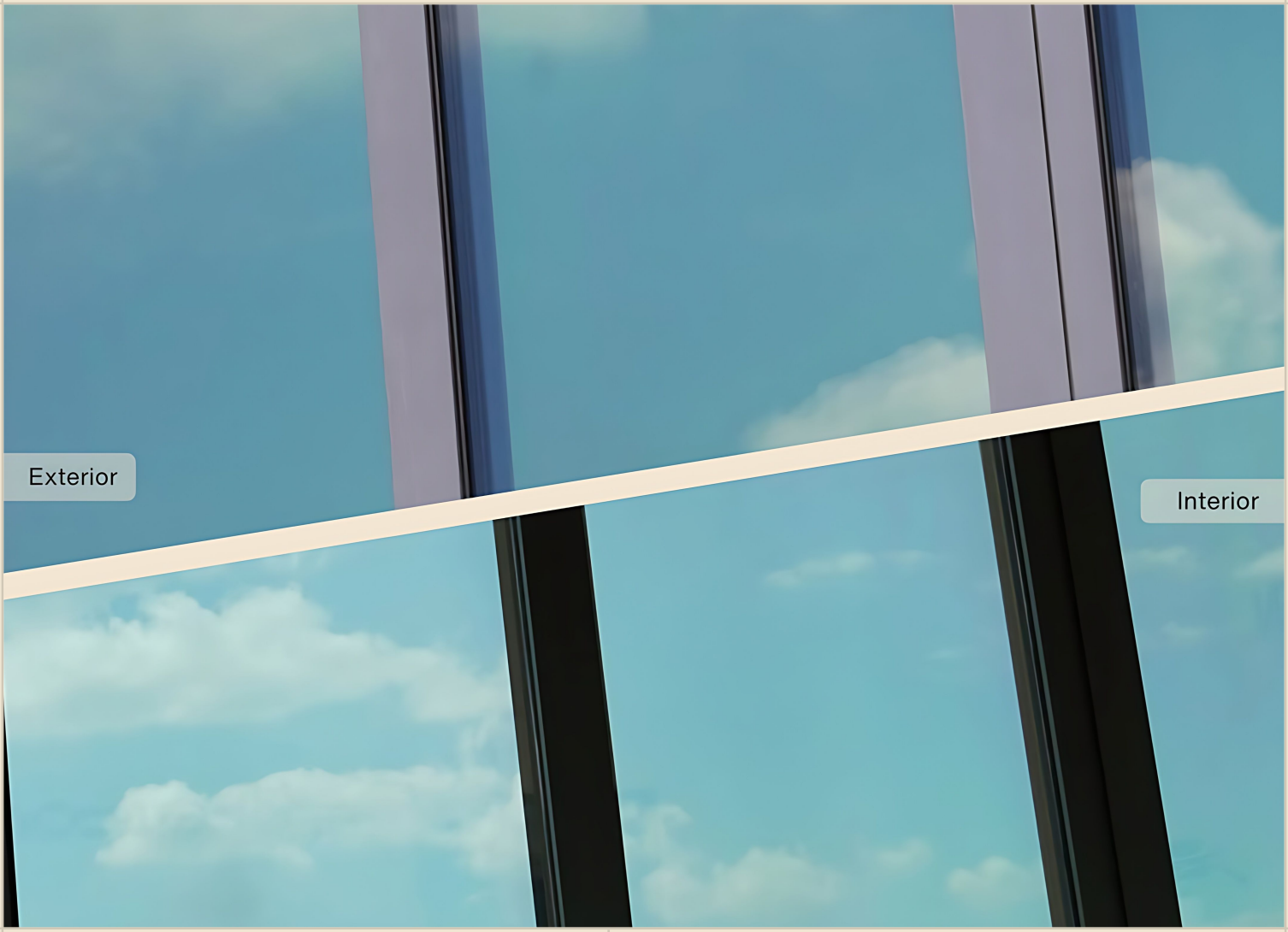



Solar Screen

# GREEN 80 C

## Solar Control
## Coloured - Interior

### Description

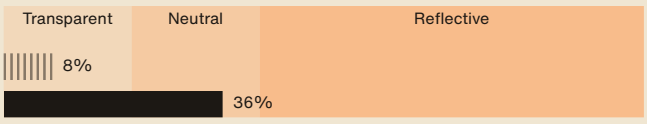
Green 80 C films are highly effective at reducing solar heat gain, whilst at the same time continuing to allow most natural light to pass through. They help noticeably reduce solar glare, conveying a touch of colour and customization to the external aspect of a building.

Certified B Corporation

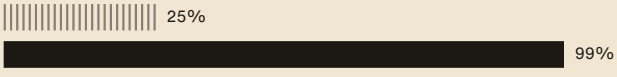
### Visible Light Transmission (%)



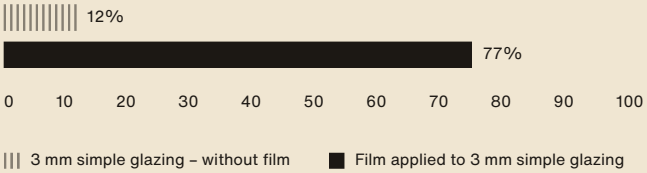

### Visible Light Reflection - External (%)




### UV Rejection (%)




### Total Solar Energy Rejected (%)



Solar Screen

# GREEN 80 C

Solar Control
Coloured - Interior

## Characteristics

**Warranty**
Up to 10 years

**Fire Resistance Rating**
M1

**Storage in recommended conditions**
3 years

**REACH / RoHS**
Compliant

**Widths Available**
152 cm

**Installation Type**
Interior

**Color From the Outside**
Green

**Length**
30.5 m

**Product Carbon Footprint (LCA)**
1.56 kgCO2e/m²

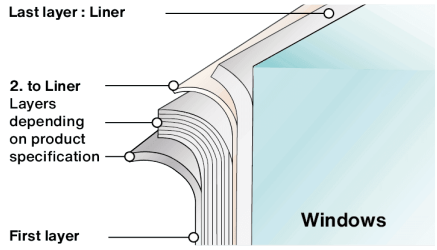
## Construction

1 Scratch-resistant hard coating providing surface protection, durability, and ease of cleaning
2 High optical quality polyester, with an IR-blocking metallic particle coating
3 Bonding adhesive
4 High optical quality dyed polyester
5 PS adhesive, polymerizes with glass within 15 days
6 Protection PET release liner, disposable after installation

**Composition**
PET

**Thickness**
50 µm

## Details




## Energy and environmental benefits[01]

**Energy savings**
N/A

**Carbon footprint reduction**
N/A

**Financial savings**
N/A

Access our energy savings calculator

## Optical and solar properties

| | Single 3mm | | Double Low-E | |
|---|---|---|---|---|
| Pane type | No film | With Film | No film | With Film |
| UV Rejection (%) | 25 | 99 | 40 | N/A |
| **Visible Light Transmission (%)** | **91** | **15** | **82** | **N/A** |
| Visible Light Reflection - External (%) | 8 | 36 | 11 | N/A |
| Visible Light Reflection - Internal (%) | 8 | 63 | 12 | N/A |
| Solar Energy Reflection (%) | 5 | 35 | 28 | N/A |
| Solar Energy Absorption (%) | 8 | 56 | 12 | N/A |
| Solar Energy Transmission (%) | 87 | 9 | 60 | N/A |
| **Total Solar Energy Rejected (%)** | **12** | **77** | **35** | **N/A** |
| Glare Reduction (%) | - | 84 | - | N/A |
| Shading Coefficient | - | 0.26 | - | N/A |
| **g-value** | **0.88** | **0.23** | **0.65** | **N/A** |
| U-value (W/m².°C) | 5.8 | 5.6 | 1.1 | N/A |

## Application advice[02]

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

Use Slide On (600-FO2) or Film On (600-F0355) diluted at 2 cL/L of water for installation and cleaning. Do not clean for one month after installation or apply stickers/adhesives on the film.

Access the installation and maintenance advice video

01 Values based on a study carried out on an air-conditioned building located in Luxembourg, with a film applied on a low-E double glazing, facing East. The heating months considered are from October to March, and the cooling months from April to September. We consider an electric heating system of the heat pump type, with a production efficiency of 3.5 and an electric cooling system with an efficiency of 3. For more information, visit our online tool.

02 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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