



### CLEAR 1 UVC

Carefully applied to any kind of glazing, Clear 1 UVC films are highly effective at absorbing the Sun and the Moon's UV rays (99 % up to 385 nm). This film will protect items and furnishings exposed to light from fading and premature ageing.



SOLAR SCREEN® Warranty  
**10 YEARS**



Fire-resistance rating  
**M1**



Storage from -5°C to +40°C  
**3 YEARS**



REACH RoHS compliant  
**RESPECTED**

### WIDTHS AVAILABLE:

↔ **152 cm**

↔ **183 cm**

### TECHNICAL DATASHEET

Data calculated based on film applied to clear glass 3 mm thick (\*on double glazing 4-16-4)

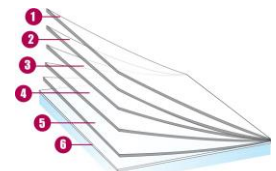
|                                      |       |
|--------------------------------------|-------|
| Ultraviolet transmission             | 0.5 % |
| Visible light transmission           | 84 %  |
| Reflection of external visible light | 9 %   |
| Reflection of internal visible light | 9 %   |
| Total solar energy rejected          | 14 %  |
| Total solar energy rejected 2        | 15 %  |
| Solar ratio :                        |       |
| Solar energy reflection              | 9 %   |
| Solar energy absorption              | 7 %   |
| Solar energy transmission            | 84 %  |
| Reduction in Solar Glare             | 13 %  |
| g-value                              | 0.85  |
| u-value                              | -     |
| Shading coefficient                  | 0.9   |

| Installation type     | Internal application |
|-----------------------|----------------------|
| Roll length           | 30,5 m               |
| PET / PVC composition | PET                  |
| Thickness             | 50 µ                 |

Colour : TRANSPARENT

### CONSTRUCTION

1. "Hard" scratch resistant layer, for durability and ease of maintenance during window cleaning
2. High optical quality polyester
3. Bonding adhesive
4. High optical quality polyester
5. PS adhesive, glass polymerization within 15 days
6. Protection release liner, disposable after installation



### INSTALLATION ADVICE

Valid for vertical glazed surfaces and areas not exceeding 2.5 m<sup>2</sup>

|                                |   |
|--------------------------------|---|
| 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 clear double pane       | ✓ |
| STADIP INT. clear double pane  | ✓ |

✓ Yes    ! Caution    ✗ No

### MAINTENANCE INSTRUCTIONS

Soapy water solution (ref. sun pose 0808 or 0805 Film on), do not clean for at least a month and do not apply any type of sticker or adhesive on the film.

*Non-contractual data, SOLAR SCREEN® reserves the right to modify the composition of its films at any time.*