



### NEUTRAL 465 C

Neutral 465 C security films are highly effective at reducing solar heat gain, whilst at the same time continuing to allow some natural light transmission. They help noticeably reduce solar glare, their tinted aspect helping convey a touch of colour and customization to the external aspect of a building. Designed to act as a security film, it provides protection by holding shattered glass in place in the event of an impact.



SOLAR SCREEN® Warranty  
**5 YEARS**



Fire-resistance rating  
**M1**



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



European Standard EN 12600  
**2B2**



REACH RoHS compliant  
**RESPECTED**

### WIDTHS AVAILABLE:

↔ **152 cm**

### TECHNICAL DATASHEET

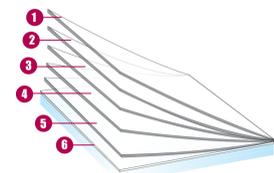
Data calculated based on film applied to clear glass 3 mm thick (\*on double glazing 4-16-4)

|  |        |
|--|--------|
| Ultraviolet transmission                 | 1 %    |
| Visible light transmission               | 35 %   |
| Reflection of external visible light     | 15 %   |
| Reflection of internal visible light     | 14 %   |
| Total solar energy rejected              | 52 %   |
| Total solar energy rejected 2*           | 48 %   |
| Solar ratio :                            |        |
| Solar energy reflection                  | 26 %   |
| Solar energy absorption                  | 39 %   |
| Solar energy transmission                | 35 %   |
| Reduction in Solar Glare                 | 65 %   |
| g-value                                  | 0.45   |
| u-value                                  | 5.64   |
| Shading coefficient                      | 0.5    |
| Installation type : Internal application |        |
| Roll length                              | 30,5 m |
| PET / PVC composition                    | PET    |
| Thickness                                | 125 µ  |

Colour : NEUTRAL

### 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. Reinforced PS Adhesive to accompany the elasticity of the film in case of impact, glass polymerization within 30 days
6. Protection release liner, disposable after installation



### INSTALLATION ADVICE

Vertical installation and on standard glass 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    ! Caution    ✗ Not recommended

\*Recommendations provided on the basis of a glazed surface covering up to 2.5m<sup>2</sup>, contact us for definitive details or to obtain a thermal shock analysis report.

### 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.*