

### ECLIPSE 40-80 C

Photochromic film. This PET base, combined with nanoceramic technology, will tint depending on the light and thus offer a variable shade while effectively protecting from solar heat.



SOLAR SCREEN® Warranty  
**2 YEARS**



Fire-resistance rating  
**M1**



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



REACH RoHS compliant  
**RESPECTED**

### WIDTHS AVAILABLE:

↔ **152 cm**

### TECHNICAL DATASHEET

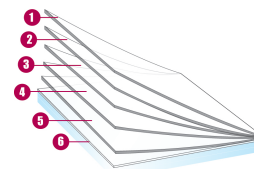
Data calculated based on film applied to clear glass 3 mm thick (\*on double glazing 4-16-4)

Ultraviolet transmission	1 %
Visible light transmission	75-20 %
Reflection of external visible light	10 %
Reflection of internal visible light	9 %
Total solar energy rejected	50 %
Total solar energy rejected 2*	45 %
Solar ratio :	
Solar energy reflection	13 %
Solar energy absorption	54 %
Solar energy transmission	23 %
Reduction in Solar Glare	80 %
g-value	0.36
u-value	4.9
Rejected Infrared (760-2500 nm)	+/- 93 %
Shading coefficient	
Installation type : Interior	
Roll length	30,5 m
Film composition	PET
Thickness	55 µ

Colour from the outside : SMOKED

### CONSTRUCTION

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



### MAINTENANCE INSTRUCTIONS

Soapy water solution (ref. 600-F0355 Film on), do not clean for at least a month and do not apply any type of sticker or adhesive on the film. To prevent a possible oxidation of the metal alloys, it is mandatory to use our sealing varnish (reference number 0771) on the corners of the film, after installation.

*Non-contractual data, SOLAR SCREEN® reserves the right to modify the composition of its films at any time. Consult our guarantee vouchers and our general conditions of sale.*

### 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 chock analysis report.