



SPECTRA 44 XC

Derived from the latest technologies, the Spectra 44 XC film incorporates a ceramic compound which enables it to reduce solar heat gain whilst retaining its transparent properties. Our External Spectrally Selective films (Spectra 22XC, 33XC & 44XC) are made from ceramic construction and are then considered as metal free window films.



SOLAR SCREEN® Warranty
See the notice "new guarantees for the external films"



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	54 %
Reflection of external visible light	14 %
Reflection of internal visible light	14 %
Total solar energy rejected	57 %
Total solar energy rejected 2*	61 %
Solar ratio :	
Solar energy reflection	10 %
Solar energy absorption	62 %
Solar energy transmission	28 %
Reduction in Solar Glare	42 %
g-value	0.42
u-value	5.08
Rejected Infrared (760-2500 nm)	+/- 97%
Shading coefficient	0.5

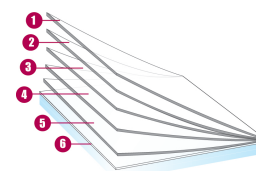
Installation type : Exterior

Roll length	30,5 m
Film composition	PET
Thickness	60 µ

Colour from the outside : HIGHLY NEUTRAL

CONSTRUCTION

1. "Hard" scratch resistant layer, for durability and ease of maintenance during window cleaning
2. High optical quality polyester with anti IR
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

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 2.5m², contact us for definitive details or to obtain a thermal shock analysis report.

MAINTENANCE INSTRUCTIONS

Soapy water solution (ref. 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. Consult our guarantee vouchers and our general conditions of sale.