



SPECTRA 33 XC

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



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

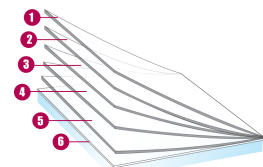
Data calculated based on film applied to clear glass 3 mm thick (*on double glazing 4-16-4)

Ultraviolet transmission	<1 %
Visible light transmission	68 %
Reflection of external visible light	9 %
Reflection of internal visible light	9 %
Total solar energy rejected	52 %
Total solar energy rejected 2*	56 %
Solar ratio :	
Solar energy reflection	8 %
Solar energy absorption	54 %
Solar energy transmission	38 %
Reduction in Solar Glare	29 %
g-value	0.49
u-value	5.08
Rejected Infrared (760-2500 nm)	90
Shading coefficient	0.6
Installation type : Exterior	
Roll length	30,5 m
Film composition	PET
Thickness	50 µ

Colour from the outside : HIGHLY NEUTRAL

CONSTRUCTION

- "Hard" scratch resistant layer, for durability and ease of maintenance during window cleaning
- High optical quality polyester with anti IR
- Bonding adhesive
- High optical quality polyester
- PS adhesive, glass polymerization within 15 days
- Protection release liner, disposable after installation



MAINTENANCE INSTRUCTIONS

Soapy water solution, do not clean for at least a month and do not apply any type of sticker or adhesive on the film.

Non-contractual data. We reserve the right to modify the composition of our films at any time. Consult our warranty documents.

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 chock analysis report.