



## 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, 333XC & 44XC) are made from ceramic construction and are then considered as metal free window films.



Warranty  
See the notice



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     |

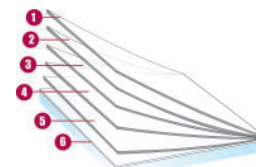
Installation type : Exterior

|                  |        |
|------------------|--------|
| 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



## 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.

*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 2.5m<sup>2</sup>, contact us for definitive details or to obtain a thermal chock analysis report.