



## CLEAR 7 C

Clear 7 C films help secure your windows by ensuring that the glass does not shatter, remaining transparent and retaining its overall integrity in the event of an impact, explosion or fire. Comply with European Standard EN 12600.



Warranty  
**12 YEARS**



Fire-resistance rating  
**M1**



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



European Standard EN 12600  
**1B1**



REACH RoHS compliant  
**RESPECTED**

## WIDTHS AVAILABLE:

↔ **122 cm**

↔ **152 cm**

## TECHNICAL DATASHEET

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

|  |             |
|--|-------------|
| Ultraviolet transmission               | 5 %         |
| Visible light transmission             | 85 %        |
| Reflection of external visible light   | 11 %        |
| Reflection of internal visible light   | 11 %        |
| Total solar energy rejected            | 20 %        |
| Total solar energy rejected 2*         | 21 %        |
| Solar ratio :                          |             |
| Solar energy reflection                | 10 %        |
| Solar energy absorption                | 8 %         |
| Solar energy transmission              | 82 %        |
| Reduction in Solar Glare               | 15 %        |
| g-value                                | 0.83        |
| u-value                                | 5.7         |
| Shading coefficient                    | 0.9         |
| Tensile strength (kg/cm <sup>2</sup> ) | 34          |
| Elongation at break                    | 125%        |
| Installation type : Interior           |             |
| Roll length                            | 30,5 m      |
| Film composition                       | PET         |
| Thickness                              | 210 µ       |
| Colour from the outside :              | TRANSPARENT |

## CONSTRUCTION

1. Hard scratch resistant layer, for durability and ease of maintenance during window cleaning
2. High optical quality polyester
3. Reinforced PS adhesive to accompany the elasticity of the film in case of impact, glass polymerization within 30 days
4. Protection release liner, disposable after installation

## MAINTENANCE INSTRUCTIONS

Safety film with reinforced PS adhesive requiring a suitable application solution (Film On ref 600-F0355 and 2cl/litre of water) and a suitable safety squeegee 150-054/150-055/150-056. Do not clean for at least 1 month and do not apply stickers or other adhesives to 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>.

