



### REF. SILVER 30 100 MICRON

Reflective Silver 30 100 Micron is highly effective at reducing solar heat gain, whilst at the same time continuing to allow most natural light to pass through. Solar glare is greatly diminished and its one-way mirror aspect guarantees privacy from prying eyes, whilst affording a modern feel to the exterior of a building. A highly resilient film, it helps to secure your windows by ensuring that the glass does not shatter in the event of an impact or explosion. Conforms to European Standard EN 12600.



Tintfit Window Films warranty

**10 YEARS**



Fire-resistance rating

**M1**



Storage from -5°C to +40°C

**3 YEARS**



European Standard EN 12600

**2B2**



REACH RoHS compliant

**RESPECTED**

### TECHNICAL DATASHEET

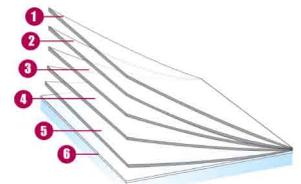
Data calculated based on film applied to clear glass 3 mm thick (\*on double glazing 4-16-4)

|  |        |
|--|--------|
| Ultraviolet transmission                 | 1 %    |
| Visible light transmission               | 30 %   |
| Reflection of external visible light     | 44 %   |
| Reflection of internal visible light     | 44 %   |
| Total solar energy rejected              | 68 %   |
| Total solar energy rejected 2            | 65 %   |
| Solar ratio :                            |        |
| Solar energy reflection                  | 43 %   |
| Solar energy absorption                  | 35 %   |
| Solar energy transmission                | 22 %   |
| Reduction in Solar Glare                 | 68 %   |
| g-value                                  | 0.32   |
| u-value                                  | 5.1    |
| Shading coefficient                      | 0.3    |
| Installation type : Internal application |        |
| Roll length                              | 30,5 m |
| PET / PVC composition                    | PET    |
| Thickness                                | 120 µ  |

Colour : SILVER MEDIUM

### CONSTRUCTION

- "Hard" scratch resistant layer, for durability and ease of maintenance during window cleaning
- High optical quality polyester, with anti IR metal particles deposit
- Bonding adhesive
- High optical quality polyester
- Reinforced PS Adhesive to accompany the elasticity of the film in case of impact, glass polymerization within 30 days
- 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    ✗ No

\*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 shock analysis report.

### 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, Tintfit Window Films reserves the right to modify the composition of its films at any time.*