

### EXT. PLASTICS REF. SILVER 20

The External Plastics Reflective Silver 20 film has been specially designed to protect against the detrimental effects of solar exposure, limiting solar heat gain, solar glare and eliminating the effects of fading on polycarbonate and other synthetic materials.



Tintfit Window Films warranty  
**3 YEARS\***

*\*Edge sealing required*



Fire-resistance rating  
**M1**



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



REACH RoHS compliant  
**RESPECTED**

### TECHNICAL DATASHEET

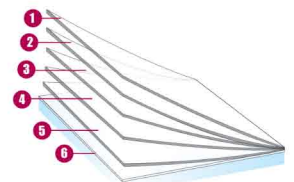
Data calculated based on film applied to clear glass 3 mm thick (\*on double glazing 4-16-4)

|  |        |
|--|--------|
| Ultraviolet transmission                 | 1 %    |
| Visible light transmission               | 16 %   |
| Reflection of external visible light     | 62 %   |
| Reflection of internal visible light     | 60 %   |
| Total solar energy rejected              | 89 %   |
| Total solar energy rejected 2            | 89 %   |
| Solar ratio :                            |        |
| Solar energy reflection                  | 67 %   |
| Solar energy absorption                  | 20 %   |
| Solar energy transmission                | 13 %   |
| Reduction in Solar Glare                 | 84 %   |
| g-value                                  | 0.18   |
| u-value                                  | 5.1    |
| Shading coefficient                      | 0.2    |
| Installation type : External application |        |
| Roll length                              | 30,5 m |
| PET / PVC composition                    | PET    |
| Thickness                                | 50 µ   |

Colour : SILVER

### CONSTRUCTION

1. 'Hard' scratch resistant layer, for durability and ease of maintenance during window cleaning
2. High optical quality polyester, with anti IR metal particles deposit
3. Half permanent adhesive that will ease the removal of the film from the window
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, 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.*

### 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 chock analysis report.