



LOW E SILVER 20

Low E Silver 20 thermal insulation films reduce excess heat gain through glass in summer and also limit heat loss in winter. Significant savings in heating and air-con costs can be made once this film is applied to windows, rapidly offsetting the initial cost of purchase and installation.



Tintfit Window Films warranty
6 YEARS



Fire-resistance rating
M1



Storage from -5°C to +40°C
3 YEARS



European Standard EN 1096-1
TESTED IN A LABORATORY



REACH RoHS compliant
RESPECTED

TECHNICAL DATASHEET

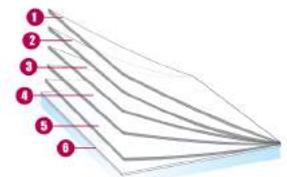
Data calculated based on film applied to clear glass 3 mm thick (*on double glazing 4-16-4)

Ultraviolet transmission	1 %
Visible light transmission	16 %
Reflection of external visible light	55 %
Reflection of internal visible light	55 %
Total solar energy rejected	78 %
Total solar energy rejected 2*	74 %
Solar ratio :	
Solar energy reflection	50 %
Solar energy absorption	40 %
Solar energy transmission	10 %
Reduction in Solar Glare	82 %
g-value	0.22
u-value	4.27
Heat loss Reduction (Winter)	33%
Emissivity	0.33
Shading coefficient	0.2
Installation type : Internal application	
Roll length	30,5 m
PET / PVC composition	PET
Thickness	40 µ

Colour : SILVER

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
- 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, 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 ✗ 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.