



BLACK 50

With its well-appointed design, the Black 50 automotive film combines discretion and privacy from prying eyes with technical efficiency in reflecting solar heat.



Warranty
10 YEARS



Fire-resistance rating
M1



Storage from -5°C to +40°C
3 YEARS



REACH RoHS compliant
RESPECTED

WIDTHS AVAILABLE:

- ↔ **51 cm**
- ↔ **76 cm**
- ↔ **101 cm**
- ↔ **152 cm**

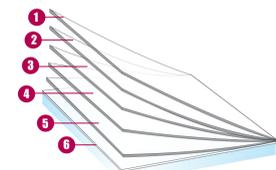
TECHNICAL DATASHEET

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

Ultraviolet transmission	1 %
Visible light transmission	50 %
Reflection of external visible light	8 %
Reflection of internal visible light	7 %
Total solar energy rejected	35 %
Total solar energy rejected 2*	34 %
Solar ratio :	
Solar energy reflection	6 %
Solar energy absorption	34 %
Solar energy transmission	60 %
Reduction in Solar Glare	50 %
g-value	NC
u-value	NC
Heat loss Reduction (Winter)	
Rejected Infrared (760-2500 nm)	
Shading coefficient	
Installation type : Internal application	
Roll length	30,5 m
PET / PVC composition	PET
Thickness	50 µ
Colour : BLACK	

CONSTRUCTION

1. Hard scratch resistant layer, for durability and ease of maintenance during window cleaning
2. Dyed polyester without optical distortion
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. 0805 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 2.5m², contact us for definitive details or to obtain a thermal chock analysis report.