



STEEL 45 INT

Steel 45 INT films are highly effective at reducing solar heat gain, whilst at the same time continuing to allow some natural light transmission. They offer a discreet solution for the reduction of solar heat gain thanks to the film's neutral tint.



Fire-resistance rating
M1



Storage from -5°C to +40°C
3 YEARS



REACH RoHS compliant
RESPECTED

TECHNICAL DATA

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

Ultraviolet transmission	1%
Visible light transmission	43%
Reflection of external visible light	17%
Reflection of internal visible light	14%
Total solar energy rejected	50%
Total solar energy rejected 2 *	48%
Solar ratio:	
Solar energy reflection	16%
Solar energy absorption	46%
Solar energy transmission	38%
Reduction in Solar Glare	51%
G-value	0.5
U-value	5.65
Shading coefficient	0.5
Installation type	Interior
Roll length	30,5 m
Film composition	PET
Thickness	60 µ
Colour from the outside	Neutral

MAINTENANCE

Use soapy water solution for cleaning. Do not clean for at least a month after installation and do not apply any type of stickers or adhesive on the film. For more information read our maintenance instructions and quality standards on our website, www.solfilm.se

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 2.5 m², contact us for definitive details or to obtain a thermal check analysis report.

CONSTRUCTION

1. Hard scratch resistant layer, for durability and ease of maintenance during window cleaning
2. Dyed polyester without optical distortion, with anti IR metal particles deposit
3. Bonding adhesive
4. Dyed polyester without optical distortion
5. PS adhesive, glass polymerization within 15 days
6. Protection release liner, disposable after installation

