



ALU 45 INT

Alu 45 INT films are 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.



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	44%
Reflection of external visible light	41%
Reflection of internal visible light	41%
Total solar energy rejected	68%
Total solar energy rejected 2 *	63%
Solar ratio:	
Solar energy reflection	41%
Solar energy absorption	36%
Solar energy transmission	23%
Reduction in Solar Glare	64%
G-value	0.38
U-value	0.33
Shading coefficient	0.43
Installation type	Interior
Roll length	30,5 m
Film composition	PET
Thickness	50 µ
Colour from the outside	Silver

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 www.solfilmsgrossisten.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 chock analysis report.

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. Bonding adhesive
4. High optical quality polyester
5. PS adhesive, glass polymerization within 15 days
6. Protection release liner, disposable after installation

