# ALU 50 STATIC

FILMS SOLAR FILM DATA SHEET
INTERIOR MIRROR

## ALU 50 STATIC

Alu 50 Static 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. In addition, this "static" version is easy to install.

Warranty
**5 YEARS**

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

REACH RoHS compliant
**RESPECTED**

## WIDTHS AVAILABLE:

**152 cm**

## TECHNICAL DATASHEET

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

| | |
|---|---|
| Ultraviolet transmission | 32 % |
| Visible light transmission | 49 % |
| Reflection of external visible light | 33 % |
| Reflection of internal visible light | 32 % |
| Total solar energy rejected | 59 % |
| Total solar energy rejected 2* | 55 % |
| Solar ratio : | |
| Solar energy reflection | 31 % |
| Solar energy absorption | 28 % |
| Solar energy transmission | 41 % |
| Reduction in Solar Glare | 50 % |
| g-value | 0.42 |
| u-value | 5.6 |
| Shading coefficient | 0.49 |
| Installation type : Interior | |
| Roll length | 20 m |
| Film composition | PET + PVC |
| Thickness | 100 µ |

Colour from the outside : SILVER

## INSTALLATION ADVICE

Vertical installation and on standard glass surface*

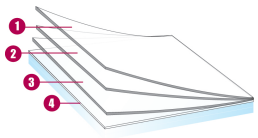
| | |
|---|---|
| Clear single pane | ✓ |
| Tinted single pane | ✓ |
| Reflective tinted single pane | ✓ |
| Clear double pane | ✓ |
| Tinted double pane | ! |
| Reflective tinted double pane | ✓ |
| Gas-filled double pane - Low E | ! |
| STADIP EXT. clear double pane | ! |
| STADIP INT. clear double 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.

## CONSTRUCTION

**1.** High optical quality polyester
**2.** Bonding adhesive
**3.** PVC with anti IR metal particles deposit
**4.** Protection liner, disposable after installation




## MAINTENANCE INSTRUCTIONS

Soapy water solution (ref. 600-F0355 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.*

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