

SOLAR CONTROL REFLECTIVE FILM

Reflective Silver Film Range

TRADE ORDERING

Silver 20 and Silver 30 are supplied in multiple widths as 10m or 30m rolls. Silver 50 is supplied at 152cm width in 10m or 30m rolls. These products are not listed as per-metre options.



A three-grade internal reflective solar-control range offering different levels of visible light transmission, glare reduction and mirrored appearance. Select the grade to suit the required balance of heat control, privacy and daylight.

Reflective Silver 20**24% VLT**

Strong mirror finish with 79% total solar-energy rejection.

Reflective Silver 30**43% VLT**

Balanced reflective appearance with 67% total solar-energy rejection.

Reflective Silver 50**59% VLT**

Lighter silver finish retaining more natural daylight.

**TECHNICAL COMPARISON**

Performance data

Performance property	Silver 20	Silver 30	Silver 50
Ultraviolet transmission	1%	1%	1%
Visible light transmission	24%	43%	59%
External visible light reflection	60%	41%	26%
Internal visible light reflection	60%	41%	26%
Total solar energy rejected	79%	67%	58%
Total solar energy rejected*	75%	63%	54%
Solar energy reflection	55%	41%	31%
Solar energy absorption	33%	36%	29%
Solar energy transmission	12%	23%	40%
Reduction in solar glare	83%	64%	47%
g-value	0.20	0.38	0.45
u-value	5.1	0.33	5.47
Shading coefficient	0.22	0.43	0.5

Product construction and supply

Product property	Silver 20	Silver 30	Silver 50
Installation type	Internal	Internal	Internal
Source roll length	30.5m source roll	30.5m source roll	30.5m source roll
Composition	PET	PET	PET
Thickness	50 microns	50 microns	50 microns
Colour	Silver	Silver	Light silver
Warranty	7 years	7 years	7 years

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GLAZING COMPATIBILITY

Installation guidance

Use this matrix as a guide for vertical installation on standard glazing. Obtain a thermal-check assessment for large panes, unusual glazing or uncertain specifications.

	YES	CAUTION	NOT RECOMMENDED	CONFIRM
Glazing type	Silver 20	Silver 30	Silver 50	
Clear single pane	YES	YES	YES	
Tinted single pane	YES	YES	YES	
Reflective tinted single pane	YES	YES	YES	
Clear double pane	CAUTION	YES	YES	
Tinted double pane	NOT RECOMMENDED	CAUTION	YES	
Reflective tinted double pane	CAUTION	YES	YES	
Gas-filled double pane - Low E	CAUTION	CAUTION	CAUTION	
Laminated ext. clear double pane	CAUTION	CAUTION	YES	
Laminated int. clear double pane	NOT RECOMMENDED	CAUTION	CAUTION	

Construction and care

Construction

Scratch-resistant surface layer, high optical quality polyester with solar-control metal deposition, bonding adhesive, pressure-sensitive adhesive and disposable release liner.

Maintenance

Clean with a mild soapy-water solution and a soft non-abrasive cloth or squeegee. Do not clean newly installed film for at least one month.

Important: The daytime mirror effect depends on the external side being brighter than the interior. Privacy can reverse at night when internal lighting is stronger.