

EXTERIOR REFLECTIVE SOLAR CONTROL

External Reflective Silver Film Range

TRADE ORDERING

Both grades are listed at 152cm width, by the metre or as a 30m full roll. A minimum order of 3m applies to per-metre orders.

High-performance exterior mirror film designed to reduce solar heat gain while adding daytime privacy and a modern reflective appearance.



Exterior reflective silver films are designed for glazing where outside-face installation is required. The range provides strong solar control, glare reduction and a modern mirror finish, with two light-transmission levels.

External Reflective Silver 20**24% VLT**

High-performance exterior mirror film with 80% solar-energy rejection.

External Reflective Silver 35**40% VLT**

Lighter exterior reflective grade with 66% solar-energy rejection.

TECHNICAL COMPARISON

Performance data

Performance property	Ext. Silver 20	Ext. Silver 35
Ultraviolet transmission	1%	1%
Visible light transmission	24%	40%
External visible light reflection	60%	31%
Internal visible light reflection	59%	31%
Total solar energy rejected	80%	66%
Total solar energy rejected*	85%	71%
Solar energy reflection	63%	34%
Solar energy absorption	22%	39%
Solar energy transmission	15%	27%
Reduction in solar glare	82%	60%
g-value	0.16	0.36
u-value	-	5.3
Shading coefficient	0.2	0.3

Product construction and supply

Product property	Ext. Silver 20	Ext. Silver 35
Installation type	External	External
Source roll length	30.5m source roll	30.5m source roll
Composition	PET	PET
Thickness	75 microns	60 microns
Colour	Silver	Silver
Warranty	5 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	Ext. Silver 20		Ext. Silver 35	
Clear single pane	YES		YES	
Tinted single pane	YES		YES	
Reflective tinted single pane	YES		YES	
Clear double pane	YES		YES	
Tinted double pane	YES		YES	
Reflective tinted double pane	YES		YES	
Gas-filled double pane - Low E	YES		YES	
Laminated ext. clear double pane	YES		YES	
Laminated int. clear double pane	YES		YES	

Construction and care

Construction

Exterior-grade scratch-resistant surface, high optical quality polyester with solar-control metal deposition, bonding and pressure-sensitive adhesive layers, plus disposable release liner.

Maintenance

Use a mild soapy-water solution with soft non-abrasive tools. Do not clean for at least one month. Exterior edges should be sealed where specified and inspected as part of routine maintenance.

Important: Exterior installations should be completed by competent installers. Edge sealing is recommended and may be required for warranty compliance.