

DUAL REFLECTIVE SOLAR CONTROL

Dual Reflective Silver Mirror Range

TRADE ORDERING

Both grades are available in 76cm and 152cm widths, by the metre or as a 30m full roll. A minimum order of 3m applies when ordering by the metre.



Dual-reflective films combine a strong exterior mirror appearance with a darker, less reflective internal-facing tone. The range is designed for demanding solar-control projects requiring high glare reduction and daytime privacy.

Dual Reflective 10 Silver Mirror**10% VLT**

Darkest grade with 82% solar-energy rejection and 90% glare reduction.

Dual Reflective 20 Silver Mirror**20% VLT**

Lighter dual-reflective grade with 76% solar-energy rejection.

**TECHNICAL COMPARISON**

Performance data

Performance property	Dual 10	Dual 20
Ultraviolet transmission	1%	1%
Visible light transmission	10%	20%
External visible light reflection	63%	43%
Internal visible light reflection	18%	19%
Total solar energy rejected	82%	76%
Total solar energy rejected*	78%	73%
Solar energy reflection	57%	50%
Solar energy absorption	34%	38%
Solar energy transmission	9%	12%
Reduction in solar glare	90%	80%
g-value	0.18	0.25
u-value	5.1	5.1
Shading coefficient	0.2	0.28

Product construction and supply

Product property	Dual 10	Dual 20
Installation type	Internal	Internal
Source roll length	30.5m source roll	30.5m source roll
Composition	PET	PET
Thickness	50 microns	50 microns
Colour	Silver	Silver
Warranty	10 years	10 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	Dual 10		Dual 20	
Clear single pane	YES		YES	
Tinted single pane	CAUTION		CAUTION	
Reflective tinted single pane	YES		YES	
Clear double pane	YES		CAUTION	
Tinted double pane	CAUTION		NOT RECOMMENDED	
Reflective tinted double pane	YES		YES	
Gas-filled double pane - Low E	CAUTION		CAUTION	
Laminated ext. clear double pane	CAUTION		CAUTION	
Laminated int. clear double pane	NOT RECOMMENDED		NOT RECOMMENDED	

Construction and care

Construction

Scratch-resistant surface layer, dyed polyester for the internal-facing tone, bonding adhesive, high optical quality polyester with solar-control metal deposition, pressure-sensitive adhesive and release liner.

Maintenance

Use a mild soapy-water solution and soft non-abrasive cleaning tools. Do not clean for at least one month after fitting and do not apply stickers or adhesive products to the film.

Important: Dual-reflective privacy is dependent on lighting conditions. The brighter side will appear more reflective; privacy can reverse after dark.