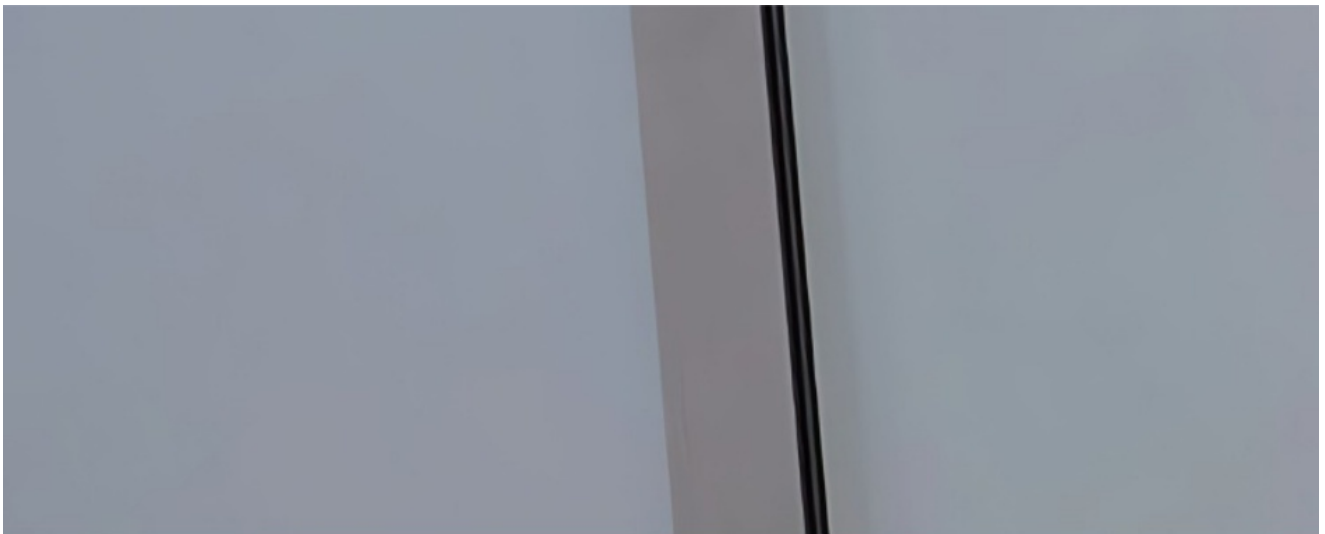


TRANSPARENT EXTERIOR SOLAR CONTROL

Clarity 245 XC External Solar Control Film

TRADE ORDERING

Available in 90cm and 152cm widths, by the metre or as a 30m full roll. A 3m minimum applies to per-metre orders. Edge sealing is required after fitting.



A high-performance transparent exterior film that reduces heat and glare while preserving bright, natural daylight. Its neutral appearance is suited to commercial and residential glazing where performance and aesthetics both matter.

DAYLIGHT**55% VLT****HEAT CONTROL****48% rejected****IR REJECTION****65%****APPLICATION****Exterior****WARRANTY****10 years****FINISH****Neutral / clear****SUPPLY****Trade options**

TECHNICAL SPECIFICATION

Performance and suitability

Glass suitability

Property	Value
Visible light transmission - single 3mm	55%
External visible reflection	24%
Internal visible reflection	23%
Solar energy reflection	25%
Solar energy absorption	29%
Solar energy transmission	45%
Total solar energy rejected	48%
Infrared rejection (780-2500nm)	65%
Glare reduction	40%
g-value	0.52
Shading coefficient	0.59
Thickness	65 micron

Glass / application	Advice
Clear single pane	Suitable
Tinted single pane	Suitable
Reflective tinted pane	Suitable
Clear double pane	Suitable
Tinted double pane	Suitable
Reflective double pane	Suitable
Gas-filled / Low-E unit	Suitable
Laminated clear double pane	Caution

Installation and maintenance

Install to clean, safe glazing using suitable fitting solution and professional squeegee pressure. Do not clean the film for at least one month. Use only soft, non-abrasive cleaning materials.

Specification advice

Check the glass type and final application before fitting. For specialist glazing, larger panes, Low-E units or uncertain conditions, request confirmation or a thermal-check analysis from Window Films Direct.

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