



Your Partner in Glass™

THERMO-SUN GP® SP METAL GREY

	Visible Light		Solar Energy					U-value	Acoustic Properties	UV Protection
	Transmission	Reflection Out	Reflection	Absorption	Transmission	Total Heat Elimination	SHGC	Centre of Glass W/m².K	Centre of Glass	Centre of Glass
	(%)	(%)	(%)	(%)	(%)	(%)	Factor	Factor	Rw	TdW-ISO
Thermo-SIG GP® 6mm Thermo-Sun GP® SP Metal Grey TSG//12mm Air Gap//6mm Thermo-Safe GP® Clear TSG	15	15	23	70	7	85	0.15	1.88	36.1	0.11
COMPARISON Thermo-SIG GP® 6mm Thermo-Sun GP® SE+ Grey TSG//12mm Air Gap//6mm Thermo-Safe GP® Clear TSG	21	6	6	78	16	74	0.26	1.90	36.1	0.21



Description:

Attractive, grey looking solar control glass that meets new South African building codes even in monolithic applications. The latest development from Guardian Glass offers a highly desirable grey appearance with a low internal and external reflection.

Thermo-Sun GP® SP Metal Grey was tested in South Africa for its durability and combines several compelling benefits in one: good solar control, natural light transmission, and low emissivity winter U-Value.

Thermo-Sun GP® SP Metal Grey is a robust coating designed to be optimally applied to clear float glass, resulting in a high colour rendering index for true views on the outside. The product carries an Environmental Product Declaration (EPD) and is covered by a UL Product Lens™ Certification.

Product information	
Substrate base glass	Clear
Thicknesses	3mm - 12mm
Applications	Facades Windows Doors Curtain Walls Roofs Skylights
Processing options	Annealed Bent Toughened Safety Glass Sealed Insulated Glass Unit (SIGU)
Recommended coating position	Surface 2 for both monolithic and SIGU





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Sheet sizes	3210mm x 2250mm *3210mm x 2550mm *3210mm x 3660mm
Glass type	Durable coated glass (without silver) Low E
Glass functions	Aesthetics Reduced Reflection Solar Control Thermal Insulation
Appearance	Grey

***Subject to availability on custom order**

The performance values shown are nominal and subject to variations due to manufacturing tolerances. Spectra-photometric values according to NFRC 2010/Metric.

The glass is available in both annealed and in a heat-treated version. While both versions offer similar performance, the aesthetics noticeably differ and so both versions cannot be used in the same façade.

[Click here to enquire](#)



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