



PERFORMANCE DATA

THERMO-SUN- GP[®] SE RANGE- LOW E - DOUBLE GLAZED

THERMO-SUN GP[®] SE is a solar control glass with a hard pyrolytic coating It is suitable for a large variety of processing options, including toughening, laminating, bending and silk-screen printing Available in four colours: Clear, Grey, Azur and Dark Blue Can be assembled into double glazed units with a low-e glass to provide higher levels of thermal insulation and solar control Recommended for coated surface in position 2 - inside building or double glazed unit Superb appearance and visual comfort, thanks to a high level of light transmission and low reflection An extremely neutral appearance for Sunergy Clear Interior comfort: good thermal insulation combined with solar control Can be processed very easily Unlimited creativity for architects: one type of glass can be used for various applications.

	Visible Light		Solar Energy							S.T.L (dB)
	Trans.%	Reflect.%	Total Elim.%	Reflect.%	Absorption%	Direct Trans.%	S.H.G.C.	Shading Coeff.	U-Value (centre of glass) W/m2°.K	S.T.L (dB)
DOUBLE GLAZED										
THERMO-SUN GP [®] SE CLEAR	61	12	41	12	44	44	0.52	0.59	2.10	32
THERMO-SUN GP [®] SE GREY	29	6	57	7	70	23	0.43	0.38	2.10	32
THERMO-SUN GP [®] SE DARK BLUE	37	8	70	6	74	20	0.30	0.35	2.10	32
THERMO-SUN GP [®] SE AZUR	50	10	63	6	66	28	0.37	0.43	2.10	32

* DOUBLE GLAZING MAKE UP: 24mm NOMINAL THICKNESS -6.38mm "THERMO " PRODUCTS - OUTER / 12mm AIR GAP / Float, Toughened OR Laminated - INNER

Above Values have been calculated assuming NFRC 100-2010 design parameter, and are given as an indication only. U-Values quoted are "centre of glass" and exclude any frame effects. Slight variations may occur due to manufacturing tolerances. All safety glass supplied by Glass Partners is certified to comply with the requirements of SANS 1263 Part 1.

Thermal safety guarantees are available on application. It is recommended that all heat absorbing laminated safety glass is checked for thermal safety compliance at the design stage of all projects.

Sound transmission Loss (S.T.L.) values are mean, measured at the centre frequency of the 1/3 octave band, over the frequency range 100 to 5000Hz, centre of glass.

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