



**PERFORMANCE DATA**

**THERMO-SUN-GP® EA RANGE - LOW E - DOUBLE GLAZED**

THERMO-SUN-GP® EA is a range of high performance solar control on-line coated clear or body-tinted glass, with unique colours and low-emissivity properties. Specifically designed for use in countries with a warm climate, well-suited to both commercial facades and residential applications, the products offer unique colour options for original and innovative architecture designs. THERMO-SUN-GP® EA can be combined with another low-emissivity glass in an Insulating Glass Unit to achieve even higher levels of thermal insulation.

<b>DOUBLE GLAZED</b>	<b>Visible Light</b>		<b>Solar energy</b>							<b>S.T.L ( dB)</b>
	Trans.%	Reflect.%	Total Elim.%	Reflect.%	Absorption%	Direct Trans.%	S.H.G.C.	Shading Coeff.	U-Value (centre of glass) W/m <sup>2</sup> .K	S.T.L ( dB)
Thermo-Sun-GP® EA CLEAR	60	29	45	21	32	47	0.55	0.64	1.9	32
Thermo-Sun-GP® EA BLUE -GREEN	51	21	62	12	59	29	0.38	0.44	1.9	32
Thermo-Sun-GP® EA BRONZE	34	13	62	11	61	28	0.38	0.44	1.9	32
Thermo-Sun-GP® EA GREY	29	10	66	9	67	24	0.34	0.39	1.9	32
Thermo-Sun-GP® EA EVERGREEN	43	17	71	9	71	20	0.29	0.34	1.9	32
Thermo-Sun-GP® EA ARTIC BLUE	35	13	71	9	71	20	0.29	0.34	1.9	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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