



**GLASS PARTNERS**

**PERFORMANCE DATA**

**THERMO-SUN-GP® EA RANGE- LOW E - SINGLE 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>SINGLE 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/m2.K	S.T.L ( dB)
Thermo-Sun-GP® EA CLEAR	67	25	37	19	23	58	0.63	0.72	3.70	29
Thermo-Sun-GP® EA BLUE -GREEN	56	19	54	11	54	35	0.46	0.53	3.70	29
Thermo-Sun-GP® EA BRONZE	38	11	54	10	55	35	0.46	0.53	3.70	29
Thermo-Sun-GP® EA GREY	32	10	58	8	63	29	0.42	0.48	3.70	29
Thermo-Sun-GP® EA EVERGREEN	48	15	63	8	69	23	0.37	0.43	3.70	29
Thermo-Sun-GP® EA ARTIC BLUE	39	12	63	8	69	23	0.37	0.43	3.70	29

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.

Whilst this document was prepared & is presented in good faith, Glass Partners hereby disclaim all liability howsoever arising from any error or omission in it, & for any consequences of relying on it.

WEBSITE : [www.glasspartners.co.za](http://www.glasspartners.co.za)

CONTACT : 087 721 1700