



**GLASS PARTNERS**

**PERFORMANCE DATA**

**THERMO-SUN™ - GP HIGH EFLECTIVE LOW E PRODUCTS - SINGLE GLAZED**

<b>SINGLE GLAZED</b>	<b>Visible Light</b>		<b>Solar energy</b>							<b>S.T.L ( dB)</b>
	<b>Trans.%</b>	<b>Reflect.%</b>	<b>Total Elim.%</b>	<b>Reflect.%</b>	<b>Absorption%</b>	<b>Direct Trans.%</b>	<b>S.H.G.C.</b>	<b>Shading Coeff.</b>	<b>U-Value (centre of glass) W/m2.K</b>	<b>S.T.L ( dB)</b>
THERMO-SUN™ GP10 -SILVER-LOW E	14	31	79	33	55	12	0.21	0.25	3.7	33
THERMO-SUN™ GP20 -SILVER-LOW E	19	26	77	29	57	14	0.23	0.26	3.7	33
THERMO-SUN™ GP30 - SILVER-LOW E	31	20	69	19	58	23	0.31	0.36	3.7	33
THERMO-SUN™ GP10 - BRONZE-LOW E	9	17	81	34	58	8	0.19	0.22	3.7	33
THERMO-SUN™ GP20 - BRONZE- LOW E	11	15	78	28	62	10	0.22	0.19	3.7	33
THERMO-SUN™ GP30 - BRONZE- LOW E	18	13	75	19	66	15	0.25	0.29	3.7	33
THERMO-SUN™ GP10 -GREY-LOW E	7	14	82	34	59	7	0.18	0.21	3.7	33
THERMO-SUN™ GP20-GREY- LOW E	9	12	82	28	63	9	0.18	0.21	3.7	33
THERMO-SUN™GP 30 - GREY- LOW E	14	11	76	19	67	14	0.24	0.27	3.7	33
THERMO-SUN™ GP10 -BLUE - LOW E	12	25	81	34	56	10	0.19	0.22	3.7	33
THERMO-SUN™ GP20 -BLUE - LOW E	16	21	78	29	58	13	0.22	0.25	3.7	33
THERMO-SUN™GP30 - BLUE - LOW E	26	17	70	19	60	21	0.30	0.34	3.7	33

**PLEASE NOTE:** ALL ABOVE PRODUCTS ARE AVAILABLE FROM 6.38mm UP TO 10.38mm .

Above products available in deep colours and in 3 strengths - N.S. - Normal Strength , H.P.R. High penetration Resistance and HI - High Impact.

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 tolerences . 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 .

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

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