



**GLASS PARTNERS**

**PERFORMANCE DATA**

**THERMO-SUN™ - GP HIGH REFLECTIVE 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	16	35	71	34	53	13	0.29	0.33	5.8	33
THERMO-SUN™ GP20 -SILVER	20	24	66	29	55	16	0.29	0.34	5.8	33
THERMO-SUN™ GP30- SILVER	33	18	56	19	55	26	0.38	0.44	5.8	33
THERMO-SUN™ GP10 - BRONZE	9	14	74	33	57	10	0.26	0.30	5.8	33
THERMO-SUN™ GP20 - BRONZE	12	11	75	29	60	11	0.25	0.29	5.8	33
THERMO-SUN™GP30 - BRONZE	20	9	68	19	64	17	0.32	0.37	5.8	33
THERMO-SUN™ GP10 -GREY	7	10	74	33	58	9	0.26	0.30	5.8	33
THERMO-SUN™ GP20 -GREY	9	9	76	28	62	10	0.24	0.28	5.8	33
THERMO-SUN™ GP30 - GREY	15	7	69	19	66	15	0.31	0.36	5.8	33
THERMO-SUN™ GP10 -BLUE	13	24	72	34	54	12	0.28	0.33	5.8	33
THERMO-SUN™ GP20 -BLUE	17	19	72	29	56	15	0.28	0.32	5.8	33
THERMO-SUN™ GP30 - BLUE	28	14	64	19	58	23	0.37	0.42	5.8	33

**PLEASE NOTE:** ALL ABOVE PRODUCTS ARE AVAILABLE FROM 6.38mm UP TO 16.38mm .

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 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 .

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

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