



PERFORMANCE DATA

**THERMO-SUN - GP<sup>®</sup> HEAT REFLECTIVE LAMINATED PRODUCTS - SINGLE GLAZED**

<b>SINGLE GLAZED LAMINATED</b>	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)
THERMO-SUN GP <sup>®</sup> 10 SILVER	16	35	71	34	53	13	0.29	0.33	5.8	33
THERMO-SUN GP <sup>®</sup> 20 SILVER	20	24	66	29	55	16	0.29	0.34	5.8	33
THERMO-SUN GP <sup>®</sup> 30 SILVER	33	18	56	19	55	26	0.38	0.44	5.8	33
THERMO-SUN GP <sup>®</sup> 10 BRONZE	9	14	74	33	57	10	0.26	0.30	5.8	33
THERMO-SUN GP <sup>®</sup> 20 BRONZE	12	11	75	29	60	11	0.25	0.29	5.8	33
THERMO-SUN GP <sup>®</sup> 30 BRONZE	20	9	68	19	64	17	0.32	0.37	5.8	33
THERMO-SUN GP <sup>®</sup> 10 GREY	7	10	74	33	58	9	0.26	0.30	5.8	33
THERMO-SUN GP <sup>®</sup> 20 GREY	9	9	76	28	62	10	0.24	0.28	5.8	33
THERMO-SUN GP <sup>®</sup> 30 GREY	15	7	69	19	66	15	0.31	0.36	5.8	33
THERMO-SUN GP <sup>®</sup> 10 BLUE	13	24	72	34	54	12	0.28	0.33	5.8	33
THERMO-SUN GP <sup>®</sup> 20 BLUE	17	19	72	29	56	15	0.28	0.32	5.8	33
THERMO-SUN GP <sup>®</sup> 30 BLUE	28	14	64	19	58	23	0.37	0.42	5.8	33

Above products available 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.

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

CONTACT : 087 721 1700