



**GLASS PARTNERS**

PERFORMANCE DATA

**THERMO-SUN- GP<sup>®</sup> MEDIUM 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> 52- NEUTRAL	54	11	40	10	43	47	0.60	0.69	5.8	33
THERMO-SUN GP <sup>®</sup> 52- BRONZE	33	7	55	7	59	34	0.45	0.60	5.8	33
THERMO-SUN GP <sup>®</sup> 52- GREY	25	6	50	7	63	31	0.50	0.57	5.8	33
THERMO-SUN GP <sup>®</sup> 52- BLUE	45	9	43	9	49	42	0.57	0.66	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 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

centre of glass .

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

CONTACT : 087 721 1700