



GLASS PARTNERS

PERFORMANCE DATA

THERMO-SIG- GP[®] MEDIUM REFLECTIVE LAMINATED PRODUCTS - DOUBLE GLAZED UNITS

	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/m ² .K	S.T.L (dB)
DOUBLE GLAZED UNITS OUTER GLASS*										
THERMO-SUN GP [®] 52- NEUTRAL	49	17	54	14	47	39	0.53	0.46	2.80	36
THERMO-SUN GP [®] 52- BRONZE	29	15	65	13	60	27	0.35	0.40	2.80	36
THERMO-SUN GP [®] 52- GREY	22	14	67	13	63	24	0.33	0.38	2.80	36
THERMO-SUN GP [®] 52- BLUE	42	16	56	14	50	36	0.44	0.50	2.80	36

*** DOUBLE GLAZING MAKE UP: 24mm NOMINAL THICKNESS - "THERMO " PRODUCTS - OUTER / 12mm AIR GAP / FLT , T.S.G. OR LAM - INNER**

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.

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