



GLASS PARTNERS

PERFORMANCE DATA

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

DOUBLE GLAZED UNITS OUTER GLASS*	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-SIG GP [®] 10 SILVER	14	33	80	34	55	11	0.20	0.23	2.80	36
THERMO-SIG GP [®] 20 SILVER	18	28	79	29	57	14	0.21	0.24	2.80	36
THERMO-SIG GP [®] 30 SILVER	30	23	70	19	59	22	0.30	0.34	2.80	36
THERMO-SUN GP [®] 10 BRONZE	8	20	83	34	59	7	0.17	0.20	2.80	36
THERMO-SUN GP [®] 20 BRONZE	11	17	83	29	62	9	0.17	0.19	2.80	36
THERMO-SUN GP [®] 30 BRONZE	18	15	79	19	67	14	0.21	0.26	2.80	36
THERMO-SUN GP [®] 10 GREY	6	16	83	34	60	7	0.17	0.19	2.80	36
THERMO-SUN GP [®] 20 GREY	9	15	84	29	63	8	0.16	0.18	2.80	36
THERMO-SUN GP [®] 30 GREY	14	14	79	19	68	13	0.21	0.24	2.80	36
THERMO-SUN GP [®] 10 BLUE	12	28	80	34	56	10	0.20	0.22	2.80	36
THERMO-SUN GP [®] 20 BLUE	16	23	80	29	59	12	0.20	0.23	2.80	36
THERMO-SUN GP [®] 30 BLUE	26	20	72	19	61	20	0.28	0.32	2.80	36

* DOUBLE GLAZING MAKE UP: 24mm NOMINAL THICKNESS -6.38mm "THERMO " PRODUCTS - OUTER / 12mm AIR GAP / FLoat, Toughened OR Laminated - 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.

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