



GLASS PARTNERS

PERFORMANCE DATA

THERMO-SIG™ - GP MEDIUM REFLECTIVE 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/m2.K	S.T.L (dB)
DOUBLE GLAZED UNITS OUTER GLASS*										
THERMO-SUN™ GP52- NEUTRAL	49	17	54	14	47	39	0.53	0.46	2.80	36
THERMO-SUN™ GP70 -NEUTRAL	67	12	47	14	40	46	0.53	0.61	2.80	36
THERMO-SUN™GP52- BRONZE	29	15	65	13	60	27	0.35	0.40	2.80	36
THERMO-SUN™GP70-BRONZE	41	7	62	10	59	31	0.38	0.43	2.80	36
THERMO-SUN™ GP52- GREY	22	14	67	13	63	24	0.33	0.38	2.80	36
THERMO-SUN™ GP70- GREY	31	6	66	9	64	27	0.34	0.39	2.80	36
THERMO-SUN™ GP52- BLUE	42	16	56	14	50	36	0.44	0.50	2.80	36
THERMO-SUN™ GP70-BLUE	58	10	51	13	45	42	0.49	0.56	2.80	36

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

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 .

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