



GLASS PARTNERS

PERFORMANCE DATA

THERMO-SEAL - MEDIUM REFLECTIVE - LOW E - *DOUBLE GLAZED UNITS*
PROJECT SPESIFIC

	IGDB	Visible Light		Solar energy						U-Value (centre of glass) W/m ² .K	S.T.L (dB)
		Trans.%	Reflect.%	Total Elim.%	Reflect.%	Absorbt.%	Direct Trans.%	S.H.G.C.	Shading Coeff.	S.T.L (dB)	
<i>DOUBLE GLAZED</i>											
THERMO-SOL GP40-NEUTRAL - TSG		39	23	69	27	47	26	0.31	0.34	1.90	32
THERMO-SOL GP40-NEUTRAL - LSG		39	23	71	25	51	24	0.29	0.33	1.90	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 100-201 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 complies with the requirements of SANS 1263 Part 1 .

Thermal safety guarantees are available on application . It is recommended that all heat absorbant laminated safety glass glazing systems are checked for thermal safety 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 .