



GLASS PARTNERS

PERFORMANCE DATA

THERMO-SIG™ - GP CLEAR AND TINTED 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/m2.K	S.T.L (dB)
DOUBLE GLAZED UNITS OUTER GLASS*										
THERMO-SAFE™ - GP CLEAR	78	15	32	11	31	58	0.68	0.79	2.8	37
THERMO-SAFE™ - GP BRONZE	48	8	53	9	46	45	0.47	0.54	2.8	37
THERMO-SAFE™ - GP GREY	37	7	58	8	52	40	0.42	0.48	2.8	37
THERMO-SAFE™ - GP BLUE	68	12	39	11	30	59	0.61	0.70	2.8	37
BODY TINTED LAMINATED PRODUCTS										
THERMO-SAFE™ - GP GREEN	70	13	48	8	51	41	0.52	0.60	2.8	37
THERMO-SAFE™ - GP DEEP GREEN	65	11	54	7	59	34	0.46	0.53	2.8	37

* **DOUBLE GLAZING MAKE UP: 24mm NOMINAL THICKNESS - "THERMO " PRODUCTS - OUTER / 12mm AIR GAP / Float , Toughened or Laminated Clear - INNER**

Above products are available in deep colours and in the 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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