

PERFORMANCE DATA

THERMO-SAFE - GP ® CLEAR-TINTED -LOW E FLOAT PRODUCTS - SINGLE GLAZED TOUGHENED

Visible Light		Solar Energy						
Trans.%	Reflect.%	Total Elim.%	Reflect.%	Absorption.%	Direct Trans.%	S.H.G.C.	Shading Coeff.	U-Value (centre of glass) W/m2.K
88	8	17	7	15	78	0.83	0.95	5.8
62	6	28	7	30	63	0.72	0.83	5.9
51	5	35	5	43	51	0.65	0.74	5.8
56	6	32	6	37	57	0.68	0.79	5.9
43	5	40	5	50	45	0.60	0.69	5.8
78	8	37	5	45	50	0.63	0.73	5.8
72	7	44	6	55	39	0.56	0.65	5.8
82	11	26	11	19	70	0.74	0.85	3.7
81	11	29	10	23	67	0.71	0.82	3.7
81	11	31	9	27	64	0.69	0.79	3.7
	Trans.% 88 62 51 56 43 78 72 82 81	Trans.% Reflect.% 88 8 62 6 51 5 56 6 43 5 78 8 72 7 82 11 81 11	Trans.% Reflect.% Total Elim.% 88 8 17 62 6 28 51 5 35 56 6 32 43 5 40 78 8 37 72 7 44 82 11 26 81 11 29	Trans.% Reflect.% Total Elim.% Reflect.% 88 8 17 7 62 6 28 7 51 5 35 5 56 6 32 6 43 5 40 5 78 8 37 5 72 7 44 6 82 11 26 11 81 11 29 10	Trans.% Reflect.% Total Elim.% Reflect.% Absorption.% 88 8 17 7 15 62 6 28 7 30 51 5 35 5 43 56 6 32 6 37 43 5 40 5 50 78 8 37 5 45 72 7 44 6 55 82 11 26 11 19 81 11 29 10 23	Trans.% Reflect.% Total Elim.% Reflect.% Absorption.% Direct Trans.% 88 8 17 7 15 78 62 6 28 7 30 63 51 5 35 5 43 51 56 6 32 6 37 57 43 5 40 5 50 45 78 8 37 5 45 50 72 7 44 6 55 39 82 11 26 11 19 70 81 11 29 10 23 67	Trans.% Reflect.% Total Elim.% Reflect.% Absorption.% Direct Trans.% S.H.G.C. 88 8 17 7 15 78 0.83 62 6 28 7 30 63 0.72 51 5 35 5 43 51 0.65 56 6 32 6 37 57 0.68 43 5 40 5 50 45 0.60 78 8 37 5 45 50 0.63 72 7 44 6 55 39 0.56 82 11 26 11 19 70 0.74 81 11 29 10 23 67 0.71	Trans.% Reflect.% Total Elim.% Reflect.% Absorption.% Direct Trans.% S.H.G.C. Shading Coeff. 88 8 17 7 15 78 0.83 0.95 62 6 28 7 30 63 0.72 0.83 51 5 35 5 43 51 0.65 0.74 56 6 32 6 37 57 0.68 0.79 43 5 40 5 50 45 0.60 0.69 78 8 37 5 45 50 0.63 0.73 72 7 44 6 55 39 0.56 0.65 82 11 26 11 19 70 0.74 0.85 81 11 29 10 23 67 0.71 0.82

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 tolerences. 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 glass is checked for thermal safety compliance at the design stage of all projects.

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