

**Performance data
sheet - Sealed
Insulated Glass Units**



Glass Partners www.glasspartners.co.za 011-473-1487

THERMO-SIG GP® with 12mm Air Gap		Visible Light		Solar Energy				U-value	Acoustic Properties	UV Protection	
		Transmission	Reflection Out	Reflection	Absorption	Transmission	Total Heat Elimination	SHGC	Centre of Glass W/m ² .K	Centre of Glass (Rw)	Centre of Glass
		(%)	(%)	(%)	(%)	(%)	(%)	Factor	Factor	dB	TdW-ISO
UNIT	Description										
Thermo-SIG GP® HPT1 Grey A	TSG Grey tinted glass, medium VLT, low visual reflection, medium-high solar reflection, medium-high thermal insulation	30	6	7	70	23	67	0.33	2.09	36	26%
Thermo-SIG GP® HPT2 Grey	TSG Grey tinted glass, medium VLT, low visual reflection, medium-high solar reflection, high thermal insulation	29	11	9	67	24	66	0.34	1.97	36	23%
Thermo-SIG GP® HPT3 Grey P	TSG Grey tinted glass, medium VLT, low visual reflection, high solar reflection, high thermal insulation	21	6	6	78	16	74	0.26	1.91	36	21%
Thermo-SIG GP® HPT4 Grey G	TSG Clear glass with a deep neutral pyrolytic coating, medium VLT, medium visual reflection, ultra-high solar reflection, high thermal insulation	15	15	23	70	7	85	0.15	1.88	36	11%
Thermo-SIG GP® HPTL1 Grey XP	Laminated Annealed Grey tinted glass, medium-high VLT, medium visual reflection, medium solar reflection, high thermal insulation	54	13	11	51	38	53	0.47	1.90	36.3	38%
Thermo-SIG GP® HPTL2 Grey S	Laminated Annealed Grey tinted glass unit, medium-high VLT, medium visual reflection, medium solar reflection, medium-high thermal insulation	42	13	13	56	31	57	0.43	2.69	36.3	31%