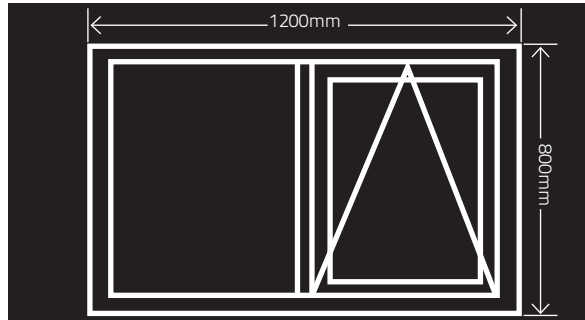
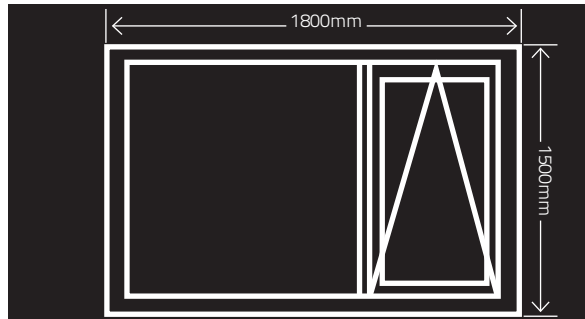


Double vs Triple Glazing - in thermal and non-thermal frames

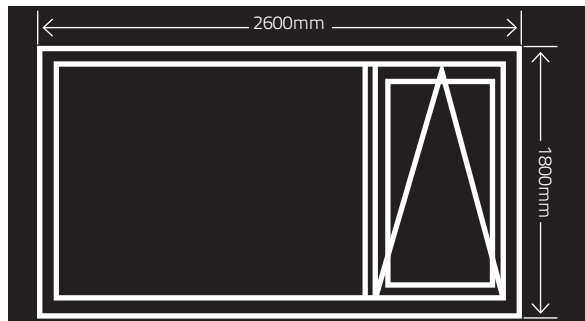
Performance data provided by Altus NZ Ltd using Viridian Glass



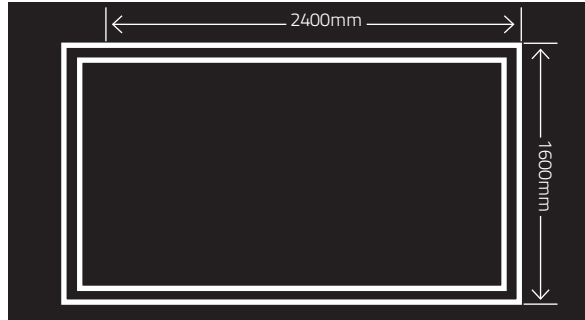
Glass	0.8m x 1.2m Window		Pacific Residential 35mm			Pacific Thermal 52mm			Pacific Thermal 60mm		
		U Glass	Uw	Rw	WEERS	Uw	Rw	WEERS	Uw	Rw	WEERS
IGU with Clear Glass	Clear/ Air/ Clear	2.7	4.010	0.250	1.5 stars	3.210	0.312	2.5 stars	3.070	0.326	3 stars
	Clear/ Argon/ Clear	2.6	3.930	0.254	1.5 stars	3.140	0.319	2.5 stars	3.000	0.344	3.5 stars
IGU with 4mm Planitherm XN	Clear/ Argon/ Planitherm*3	1.1	2.920	0.342	3.5 stars	2.110	0.473	5 stars	1.970	0.507	5.5 stars
	Planitherm*2/ Argon/ Clear	1.1	2.920	0.342	3.5 stars	2.110	0.473	5 stars	1.970	0.507	5.5 stars
	Clear/ Argon/ Clear/ Argon/ Planitherm*5 (40mm/48mm IGU)	0.94/0.90	NA	NA	NA	2.040	0.490	5.5 stars	1.830	0.547	5.5 stars
	Clear/ Argon/ Planitherm*3/ Argon/ Planitherm*5 (40mm/48mm IGU)	0.65/0.55	NA	NA	NA	1.810	0.550	6 stars	1.610	0.620	6 stars
	Planitherm*2/ Argon/ Clear/ Argon/ Planitherm*5 (40mm/48mm IGU)	0.65/0.55	NA	NA	NA	1.810	0.550	6 stars	1.610	0.620	6 stars
	7mm Stadip Silence/ Argon/ Planitherm*3/ Argon/ Planitherm*5 (40mm/48mm IGU)	0.73/0.65	NA	NA	NA	1.870	0.530	5.5 stars	1.690	0.590	6 stars



Glass	1.5m x 1.8m Window		Pacific Residential 35mm			Pacific Thermal 52mm			Pacific Thermal 60mm		
		U Glass	Uw	Rw	WEERS	Uw	Rw	WEERS	Uw	Rw	WEERS
IGU with Clear Glass	Clear/ Air/ Clear	2.7	3.500	0.286	1.5 stars	3.010	0.332	3 stars	2.930	0.342	3.5 stars
	Clear/ Argon/ Clear	2.6	3.410	0.293	1.5 stars	2.930	0.342	3.5 stars	2.840	0.352	3.5 stars
IGU with 4mm Planitherm XN	Clear/ Argon/ Planitherm*3	1.1	2.210	0.452	5 stars	1.720	0.582	6 stars	1.630	0.612	6 stars
	Planitherm*2/ Argon/ Clear	1.1	2.210	0.452	5 stars	1.720	0.582	6 stars	1.630	0.612	6 stars
	Clear/ Argon/ Clear/ Argon/ Planitherm*5 (40mm/48mm IGU)	0.94/0.90	NA	NA	NA	1.610	0.620	6 stars	1.470	0.681	6 stars
	Clear/ Argon/ Planitherm*3/ Argon/ Planitherm*5 (40mm/48mm IGU)	0.65/0.55	NA	NA	NA	1.360	0.740	6 stars	1.200	0.840	6 stars
	Planitherm*2/ Argon/ Clear/ Argon/ Planitherm*5 (40mm/48mm IGU)	0.65/0.55	NA	NA	NA	1.360	0.740	6 stars	1.200	0.840	6 stars
	7mm Stadip Silence/ Argon/ Planitherm*3/ Argon/ Planitherm*5 (40mm/48mm IGU)	0.73/0.65	NA	NA	NA	1.430	0.700	6 stars	1.280	0.780	6 stars



Glass	1.8m x 2.6m Window		Pacific Residential 35mm			Pacific Thermal 52mm			Pacific Thermal 60mm		
		U Glass	Uw	Rw	WEERS	Uw	Rw	WEERS	Uw	Rw	WEERS
IGU with Clear Glass	Clear/ Air/ Clear	2.7	3.280	0.305	2.5 stars	2.930	0.342	3.5 stars	2.860	0.349	3.5 stars
	Clear/ Argon/ Clear	2.6	3.190	0.314	2.5 stars	2.840	0.352	3.5 stars	2.780	0.360	3.5 stars
IGU with 4mm Planitherm XN	Clear/ Argon/ Planitherm*3	1.1	1.910	0.525	5.5 stars	1.550	0.643	6 stars	1.490	0.671	6 stars
	Planitherm*2/ Argon/ Clear	1.1	1.910	0.525	5.5 stars	1.550	0.643	6 stars	1.490	0.671	6 stars
	Clear/ Argon/ Clear/ Argon/ Planitherm*5 (40mm/48mm IGU)	0.94/0.90	NA	NA	NA	1.430	0.700	6 stars	1.320	0.760	6 stars
	Clear/ Argon/ Planitherm*3/ Argon/ Planitherm*5 (40mm/48mm IGU)	0.65/0.55	NA	NA	NA	1.170	0.850	6 stars	1.030	0.980	6 stars
	Planitherm*2/ Argon/ Clear/ Argon/ Planitherm*5 (40mm/48mm IGU)	0.65/0.55	NA	NA	NA	1.170	0.850	6 stars	1.030	0.980	6 stars
	7mm Stadip Silence/ Argon/ Planitherm*3/ Argon/ Planitherm*5 (40mm/48mm IGU)	0.73/0.65	NA	NA	NA	1.240	0.800	6 stars	1.120	0.900	6 stars



Glass	2.4m x 1.6m Fixed Window		Pacific Residential 35mm			Pacific Thermal 52mm			Pacific Thermal 60mm		
		U Glass	Uw	Rw	WEERS	Uw	Rw	WEERS	Uw	Rw	WEERS
IGU with Clear Glass	Clear/ Air/ Clear	2.7	3.170	0.315	2.5 stars	2.830	0.353	3.5 stars	2.790	0.359	3.5 stars
	Clear/ Argon/ Clear	2.6	3.080	0.325	3 stars	2.740	0.365	3.5 stars	2.690	0.371	3.5 stars
IGU with 4mm Planitherm XN	Clear/ Argon/ Planitherm*3	1.1	1.740	0.575	6 stars	1.380	0.724	6 stars	1.340	0.749	6 stars
	Planitherm*2/ Argon/ Clear	1.1	1.740	0.575	6 stars	1.380	0.724	6 stars	1.340	0.749	6 stars
	Clear/ Argon/ Clear/ Argon/ Planitherm*5 (40mm/48mm IGU)	0.9	NA	NA	NA	1.260	0.800	6 stars	1.150	0.868	6 stars
	Clear/ Argon/ Planitherm*3/ Argon/ Planitherm*5 (40mm/48mm IGU)	0.65/0.55	NA	NA	NA	0.980	1.020	6 stars	0.840	1.190	6 stars
	Planitherm*2/ Argon/ Clear/ Argon/ Planitherm*5 (40mm/48mm IGU)	0.65/0.55	NA	NA	NA	0.980	1.020	6 stars	0.840	1.190	6 stars
	7mm Stadip Silence/ Argon/ Planitherm*3/ Argon/ Planitherm*5 (40mm/48mm IGU)	0.73/0.65	NA	NA	NA	1.060	0.950	6 stars	0.940	1.070	6 stars