



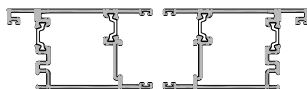
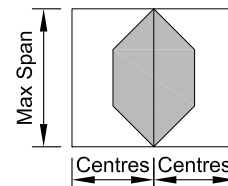
VANTAGE THERMAL HEART BI-FOLD DOOR SPAN TABLES

CAD REF. VRTBD07-0

DATE
01.08.17

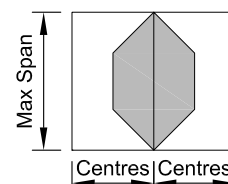
SCALE
NTS

Extrusion: 65250 / 65250 Description: Bi-fold Door Stiles



Centres	Spans for each wind zone				
	Low	Medium	High	Very High	Extra High
500	3600	3277	2914	2679	2515
600	3398	3090	2748	2529	2374
700	3234	2942	2619	2411	2265
800	3102	2823	2515	2317	2178
900	2992	2725	2430	2241	2108

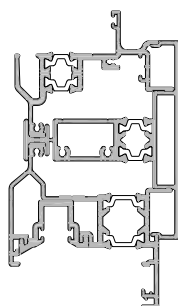
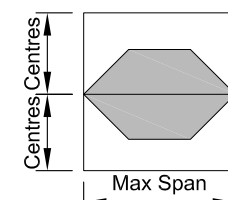
Extrusion: 65270 / 65260 Description: Two plus One Door Stiles



Centres	Spans for each wind zone				
	Low	Medium	High	Very High	Extra High
500	3530	3209	2853	2624	NA
600	3328	3026	2692	2477	NA
700	3168	2882	2566	2362	NA
800	3038	2766	2464	2270	NA
900	2931	2670	2382	2196	NA

Units that include the 65270/65260 2+1 stiles do not meet the water pass requirements for Extra High wind zone so are limited to a Very High wind zone.

Extrusion: 65180 / 65190 / 65320 Description: Coupled Overlight



Centres	Spans for each wind zone				
	Low	Medium	High	Very High	Extra High
2000/500	3117	2857	2572	2390	2263
2100/500	3095	2840	2561	2383	2259
2200/500	3076	2826	2552	2378	2256
2300/500	3060	2814	2545	2375	2256
2400/500	3045	2805	2541	2375	2256

Spans are the maximum calculated allowable, based on NZS4211:2008, which requires that the member deflection at serviceability wind pressure (SWP) shall not exceed 1/200 of the span. Spans with asterisk will meet requirements but will have a max deflection greater than 18mm. Hardware and componentry may further restrict the spans. For advice we recommend you contact APL Technical Advisory Service