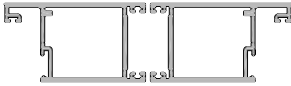
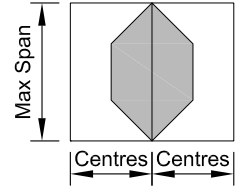


Extrusion: 05471/05471
Description: Bi-fold Stiles

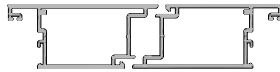
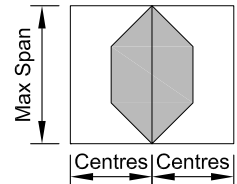


Centres	Spans for each wind zone				
	Low	Medium	High	Very High	Extra High
500	2926	2661	2367	2177	2044
600	2461	2512	2236	2058	1933
700	2631	2395	2134	1966	1848
800	2526	2302	2053	1894	1782
900	2441	2226	1989	1837	1730

Maximum panel width = 900mm Problems may be experienced when operating the locking gear
Maximum panel weight = 50kg and sliding the panels with spans over 2400mm.

1. Inward opening Bifold doors, and any configuration that contains the 05474 2+1 Stile do not comply with waterpass requirements in a Extra High wind zone so are limited to a maximum of a Very High wind zone

Extrusion: 02498/02499
Description: Bi-fold French Stiles

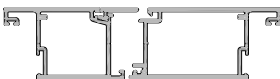
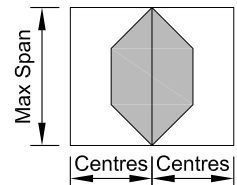


Centres	Panel Height for each Wind Zone				
	Low	Medium	High	Very High	Extra High
500	3152	2866	2548	2344	2200
600	2972	2703	2406	2214	2079
700	2831	2576	2295	2114	1986
800	2717	2475	2206	2034	1913
900	2624	2391	2135	1970	1855

Maximum panel width = 900mm Problems may be experienced when operating the locking gear
Maximum panel weight = 50kg and sliding the panels with spans over 2400mm.

1. Inward opening Bifold doors, and any configuration that contains the 05474 2+1 Stile do not comply with waterpass requirements in a Extra High wind zone so are limited to a maximum of a Very High wind zone

Extrusion: 05477/05476/05474
Description: Bi-fold 2+1 Stiles



Centres	Spans for each wind zone				
	Low	Medium	High	Very High	Extra High ¹
500	3022	2763	2468	2270	NA
600	2851	2608	2331	2146	NA
700	2716	2486	2224	2049	NA
800	2606	2386	2137	1970	NA
900	2514	2304	2065	1905	NA

Maximum panel width = 900mm Problems may be experienced when operating the locking gear
Maximum panel weight = 50kg and sliding the panels with spans over 2400mm.

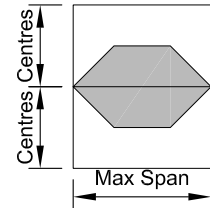
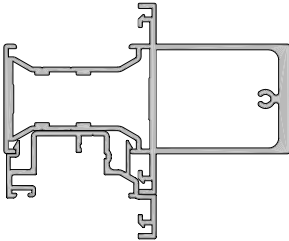
1. Inward opening Bifold doors, and any configuration that contains the 05474 2+1 Stile do not comply with waterpass requirements in a Extra High wind zone so are limited to a maximum of a Very High wind zone

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. Hardware and componentry may further restrict the spans.

For advice we recommend you contact APL Technical Advisory Service

Extrusion: 02480/02487

Description: Heavy Duty Overlight Transom



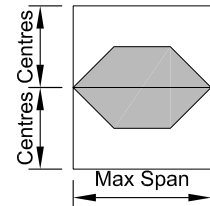
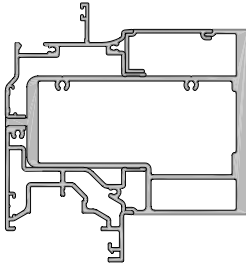
Centres	Spans for each wind zone			
	Low	Medium	High	Very High
2000/500	3662	3342	2979	2751
2100/500	3619	3303	2946	2721
2200/500	3578	3267	2915	2693
2300/500	3540	3233	2886	2666
2400/500	3504	3201	2858	2641

The span table above can also be used as a guide for other configurations by following the formula below. For every 100mm you take off the Overlight or Door height, you can add 50mm onto the span.

Example : Overlight = 400 Door = 2400 Span = 2833 @ Very High

Extrusion: 04455/02920/02925/04000

Description: Box Coupled Overlight



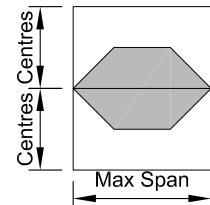
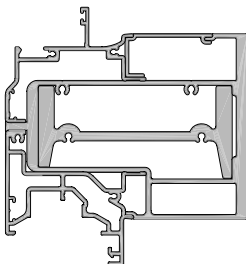
Centres	Spans for each wind zone			
	Low	Medium	High	Very High
2000/500	4723	4305	3831	3531
2100/500	4666	4253	3786	3490
2200/500	4611	4204	3743	3451
2300/500	4559	4158	3702	3414
2400/500	4510	4114	3664	3380

The span table above can also be used as a guide for other configurations by following the formula below. For every 100mm you take off the Overlight or Door height, you can add 50mm onto the span.

Example : Overlight = 400 Door = 2400 Span = 3617 @ Very High

Extrusion: 04455/02940/02925/08537/04000

Description: Box Coupled Overlight (Stiffened)



Centres	Spans for each wind zone			
	Low	Medium	High	Very High
2000/500	5421	4939	4391	4045
2100/500	5354	4878	4338	3996
2200/500	5290	4821	4288	3951
2300/500	5230	4766	4241	3908
2400/500	5173	4715	4195	3867

The span table above can also be used as a guide for other configurations by following the formula below. For every 100mm you take off the Overlight or Door height, you can add 50mm onto the span.

Example : Overlight = 400 Door = 2400 Span = 4133 @ Very High

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. Hardware and componentry may further restrict the spans.

For advice we recommend you contact APL Technical Advisory Service