

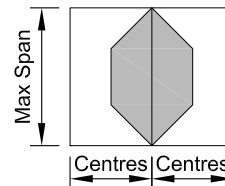
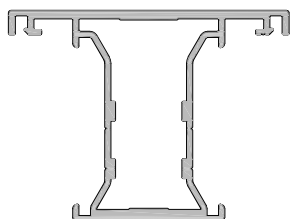
HINGED DOOR

SPAN TABLES

Cad Ref. AHDST01-0 Scale NTS Date 01.04.19

Extrusion: 05483

Description: Sidelight Mullion



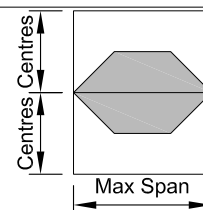
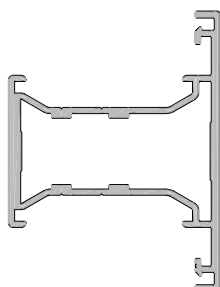
Centres	Spans for each wind zone				
	Low	Medium	High	Very High	Extra High
900/300	2785	2536	2260	2083	1959
900/400	2712	2470	2202	2029	1908
900/500	2647	2411	2150	1982	1864
900/600	2590	2359	2104	1940	1825
900/700	2538	2312	2063	1903	1791
900/800	2492	2271	2028	1870	1762
900/900	2450	2235	1996	1843	1736

Note:

Open In doors do not meet the water pass requirements for an Extra High Zone so only Open out can be used

Extrusion: 05483

Description: Overlight Transom



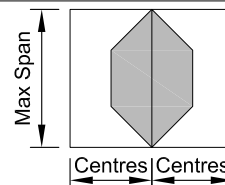
Centres	Spans for each wind zone				
	Low	Medium	High	Very High	Extra High
2000/500	2343	2161	1963	1834	1741
2100/500	2336	2159	1963	1834	1741
2200/500	2332	2158	1963	1834	1741
2300/500	2330	2158	1963	1834	1741
2400/500	2330	2158	1963	1834	1741

Note:

Open In doors do not meet the water pass requirements for an Extra High Zone so only Open out can be used

Extrusion: 02498/02499

Description: French Door Stiles



Centres	Spans 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

Note:

Maximum Panel Height = 2400mm
Maximum Panel Width = 900mm
Maximum Panel Weight = 60kg For 3 hinges, 80kg for 4 hinges. All DG panels to have 4 hinges.
Open In doors do not meet the water pass requirements for an Extra High Zone so only Open out can be used

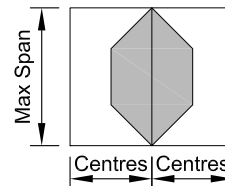
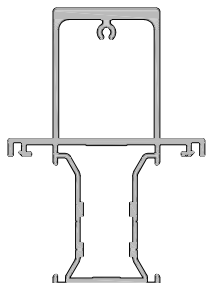
Spans are the maximum calculated allowable, based on NZS4211:2008, which requires that the member deflection at serviceability wind pressure (SWP) shall not exceed 1/200 of the span. Hardware and componentry may further restrict the spans.

For advice we recommend you contact APL Technical Advisory Service

HINGED DOOR SPAN TABLES

Cad Ref. AHDST02-0 Scale NTS Date 01.04.19

Extrusion: 05484 Description: Mullion

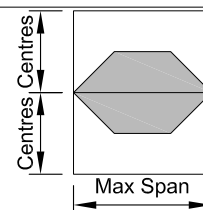
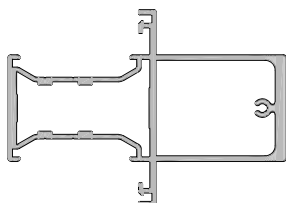


Centres	Spans for each wind zone				
	Low	Medium	High	Very High	Extra High
900/300	4516*	4107*	3653*	3361	3156
900/400	4398*	3999*	3558	3273	3073
900/500	4292*	3903*	3472	3195	2999
900/600	4195*	3816*	3395	3124	2933
900/700	4109*	3737*	3325	3060	2874
900/800	4029*	3665*	3262	3003	2794
900/900	3957*	3600	3205	2951	2722

Note:

Open In doors do not meet the water pass requirements for an Extra High Zone so only Open out can be used

Extrusion: 05484 Description: Transom

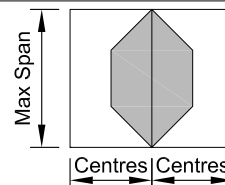


Centres	Spans for each wind zone				
	Low	Medium	High	Very High	Extra High
2000/500	3641*	3330	2988	2703	2495
2100/500	3610*	3304	2968	2681	2479
2200/500	3582	3282	2952	2663	2468
2300/500	3557	3262	2938	2649	2460
2400/500	3534	3244	2923	2639	2457

Note:

Open In doors do not meet the water pass requirements for an Extra High Zone so only Open out can be used

Extrusion: 02472/02473 Description: Wide French Door Stiles



Centres	Spans for each wind zone				
	Low	Medium	High	Very High	Extra High
500	3383	3075	2734	2515	2360
600	3189	2900	2580	2374	2230
700	3037	2763	2460	2265	2128
800	2913	2652	2364	2178	2048
900	2811	2562	2285	2108	1984

Note:

Maximum Panel Height = 2400mm
Maximum Panel Width = 900mm
Maximum Panel Weight = 60kg For 3 hinges, 80kg for 4 hinges. All DG panels to have 4 hinges.
Open In doors do not meet the water pass requirements for an Extra High Zone so only Open out can be used

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. Spans with asterisk will meet code requirements but will have max deflection greater than 18mm. For advice we recommend you contact APL Technical Advisory Service

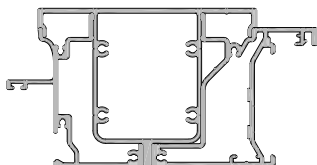
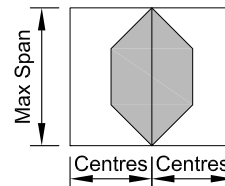
HINGED DOOR

SPAN TABLES

Cad Ref. AHDST03-0 Scale NTS Date 01.04.19

Extrusion: 05145/05410/05401

Description: Coupled Sidelight



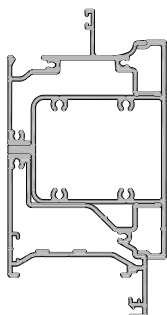
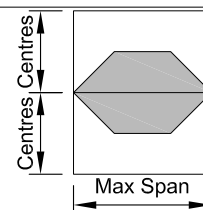
Centres	Spans for each wind zone				
	Low	Medium	High	Very High	Extra High
900/300	3721*	3385	3013	2773	2773
900/400	3623*	3296	2934	2701	2701
900/500	3536	3217	2864	2636	2636
900/600	3457	3146	2801	2579	2579
900/700	3386	3082	2744	2527	2527
900/800	3321	3024	2694	2481	2481
900/900	3264	2972	2648	2440	2440

Note:

Open In doors do not meet the water pass requirements for an Extra High Zone so only Open out can be used

Extrusion: 05145/05410/05401

Description: Coupled Overlight



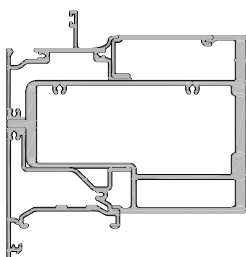
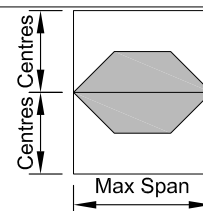
Centres	Spans for each wind zone				
	Low	Medium	High	Very High	Extra High
2000/500	3039	2787	2510	2334	2211
2100/500	3018	2771	2500	2328	2208
2200/500	3000	2758	2493	2324	2206
2300/500	2985	2748	2488	2322	2206
2400/500	2973	2740	2485	2322	2206

Note:

Open In doors do not meet the water pass requirements for an Extra High Zone so only Open out can be used

Extrusion: 05145/05413/05401

Description: Heavy Duty Coupled Overlight



Centres	Spans for each wind zone				
	Low	Medium	High	Very High	Extra High
2000/500	4892*	4461*	3986*	3681*	3438
2100/500	4841*	4417*	3949*	3649*	3395
2200/500	4793*	4376*	3915*	3620*	3357
2300/500	4749*	4338*	3884*	3594	3324
2400/500	4708*	4303*	3857*	3571	3295

Note:

Open In doors do not meet the water pass requirements for an Extra High Zone so only Open out can be used

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. Spans with asterisk will meet code requirements but will have max deflection greater than 18mm. For advice we recommend you contact APL Technical Advisory Service