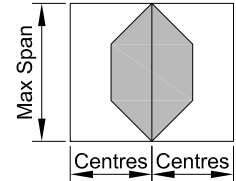
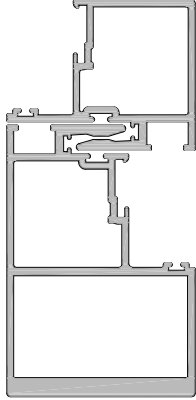


**APL ARCHITECTURAL SERIES  
SLIDING DOOR**

**SPAN TABLES**

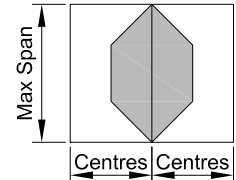
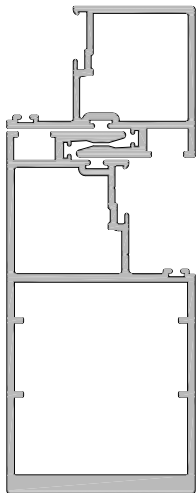
Date 01.10.16 Scale NTS

**Extrusion: 08747 / 08748**  
**Description: Interlocker Stiles**



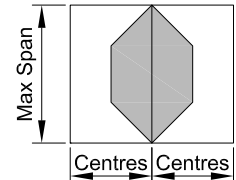
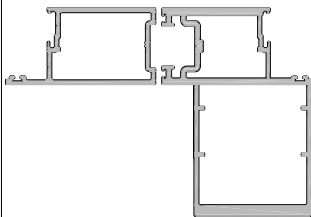
Centres	Spans for each wind zone				
	Low	Medium	High	Very High	Extra High
1500	3000	3000	2865	2650	2500
1600	3000	3000	2823	2614	2468
1700	3000	3000	2786	2583	2441
1800	3000	3000	2756	2558	2420
1900	3000	3000	2729	2537	2403
2000	3000	3000	2708	2520	2389
2100	3000	2977	2690	2507	2380
2200	3000	2956	2675	2497	2373
2300	3000	2939	2665	2491	2370
2400	3000	2924	2657	2487	2369
2500	3000	2913	2652	2486	2369

**Extrusion: 08747 / 08749**  
**Description: Heavy Duty Interlocker Stiles**



Centres	Spans for each wind zone				
	Low	Medium	High	Very High	Extra High
1500	3000	3000	3000	3000	3000
1600	3000	3000	3000	3000	3000
1700	3000	3000	3000	3000	2986
1800	3000	3000	3000	3000	2950
1900	3000	3000	3000	3000	2915
2000	3000	3000	3000	3000	2874
2100	3000	3000	3000	3000	2841
2200	3000	3000	3000	3000	2813
2300	3000	3000	3000	2993	2791
2400	3000	3000	3000	2977	2774
2500	3000	3000	3000	2965	2762

**Extrusion: 08901 / 08905**  
**Description: Four Panel Jointer**



Centres	Spans for each wind zone				
	Low	Medium	High	Very High	Extra High
1500	3000	3000	3000	3000	3000
1600	3000	3000	3000	3000	3000
1700	3000	3000	3000	3000	2984
1800	3000	3000	3000	3000	2948
1900	3000	3000	3000	3000	2917
2000	3000	3000	3000	3000	2890
2100	3000	3000	3000	3000	2868
2200	3000	3000	3000	3000	2849
2300	3000	3000	3000	2991	2834
2400	3000	3000	3000	2976	2822
2500	3000	3000	3000	2963	2813

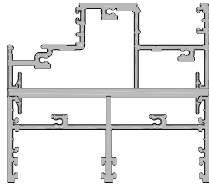
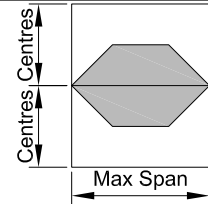
Spans are the maximum calculated allowable, based on NZS4211:2008, which requires that the member deflection at serviceability wind pressure (SWP) shall not exceed 1/200 of the span. Hardware and componentry may further restrict the spans. Spans are limited by a recommended maximum sliding panel height of 3m. For advice we recommend you contact APL Technical Advisory Service

**APL ARCHITECTURAL SERIES  
SLIDING DOOR**

**SPAN TABLES**

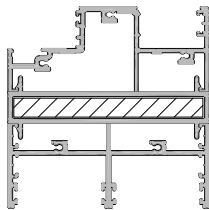
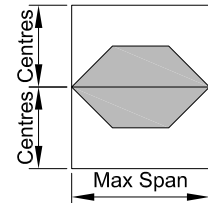
Date 01.10.16 Scale NTS

**Extrusion: 08700 / 08770 / 08741**  
**Description: 106mm Overlight Transom**



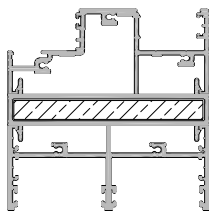
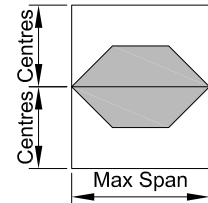
Centres	Spans for each wind zone				
	Low	Medium	High	Very High	Extra High
2000/500	4503*	4109*	3674*	3396	3201
2100/500	4457*	4070*	3643*	3369	3177
2200/500	4415*	4034*	3614*	3345	3157
2300/500	4377*	4000*	3588	3324	3139
2400/500	4341*	3972*	3565	3305	3123
2500/500	4310*	3945*	3545	3290	3111
2600/500	4280*	3921*	3527	3276	3100
2700/500	4253*	3900*	3512	3265	3092

**Extrusion: 08700 / 08768 / 08741**  
**Description: 106mm Overlight Transom**  
**Stiffened with 100 x 10 Aluminium Flat**



Centres	Spans for each wind zone				
	Low	Medium	High	Very High	Extra High
2000/500	5112*	4660*	4161*	3841*	3617*
2100/500	5057*	4612*	4122*	3807*	3586
2200/500	5006*	4568*	4085*	3775*	3558
2300/500	4959*	4527*	4052*	3747*	3533
2400/500	4915*	4490*	4021*	3721*	3512
2500/500	4874*	4456*	3994*	3699*	3492
2600/500	4837*	4424*	3969*	3678*	3475
2700/500	4802*	4395*	3947*	3661*	3461

**Extrusion: 08700 / 08768 / 08741**  
**Description: 106mm Overlight Transom**  
**Stiffened with 100 x 10 Steel Flat**



Centres	Spans for each wind zone				
	Low	Medium	High	Very High	Extra High
2000/500	5861*	5339*	4762*	4391*	4131*
2100/500	5795*	5281*	4712*	4347*	4091*
2200/500	5733*	5227*	4667*	4307*	4055*
2300/500	5676*	5176*	4624*	4270*	4022*
2400/500	5622*	5129*	4585*	4237*	3992*
2500/500	5572*	5086*	4550*	4206*	3966*
2600/500	5525*	5045*	4517*	4178*	3941*
2700/500	5481*	5008*	4487*	4153*	3920*

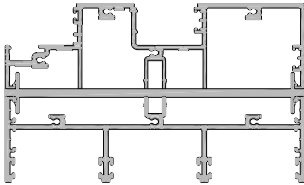
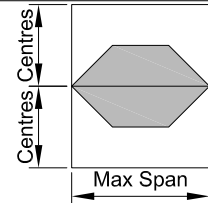
Spans are the maximum calculated allowable, based on NZS4211:2008, which requires that the member deflection at serviceability wind pressure (SWP) shall not exceed 1/200 of the span. Hardware and componentry may further restrict the spans. Spans shown with an asterisk will meet the code requirements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

**APL ARCHITECTURAL SERIES  
SLIDING DOOR**

**SPAN TABLES**

Date 01.10.16 Scale NTS

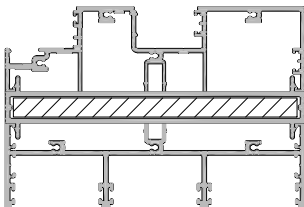
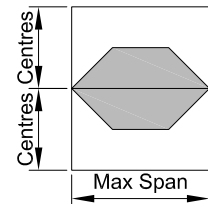
**Extrusion: 08701 / 08771 / 08743**  
**Description: 158mm Overlight Transom**



Centres	Spans for each wind zone				
	Low	Medium	High	Very High	Extra High
2000/500	6000*	5731*	5109*	4709*	4428*
2100/500	6000*	5667*	5054*	4660*	4384*
2200/500	6000*	5607*	5003*	4615*	4343*
2300/500	6000*	5551*	4956*	4574*	4306*
2400/500	6000*	5500*	4912*	4535*	4271*
2500/500	5975*	5450*	4872*	4500*	4240*
2600/500	5922*	5405*	4834*	4468*	4212*
2700/500	5874*	5363*	4800*	4439*	4186*

Spans are limited by stock length.  
Refer to APL Technical Advisory Service for spans requiring specific design

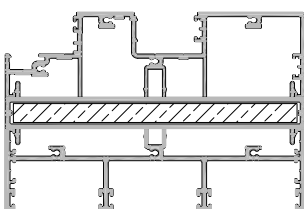
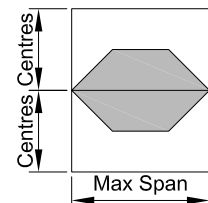
**Extrusion: 08701 / 08923 / 08743**  
**Description: 158mm Overlight Transom**  
**Stiffened with 150 x 10 Aluminium Flat**



Centres	Spans for each wind zone				
	Low	Medium	High	Very High	Extra High
2000/500	6000*	6000*	5899*	5433*	5106*
2100/500	6000*	6000*	5833*	5374*	5051*
2200/500	6000*	6000*	5770*	5318*	5000*
2300/500	6000*	6000*	5712*	5266*	4953*
2400/500	6000*	6000*	5658*	5218*	4910*
2500/500	6000*	6000*	5607*	5174*	4869*
2600/500	6000*	6000*	5560*	5132*	4832*
2700/500	6000*	6000*	5516*	5093*	4797*

Spans are limited by stock length.  
Refer to APL Technical Advisory Service for spans requiring specific design

**Extrusion: 08701 / 08923 / 08743**  
**Description: 158mm Overlight Transom**  
**Stiffened with 150 x 10 Steel Flat**



Centres	Spans for each wind zone				
	Low	Medium	High	Very High	Extra High
2000/500	6000*	6000*	6000*	6000*	5905*
2100/500	6000*	6000*	6000*	6000*	5839*
2200/500	6000*	6000*	6000*	6000*	5777*
2300/500	6000*	6000*	6000*	6000*	5719*
2400/500	6000*	6000*	6000*	6000*	5665*
2500/500	6000*	6000*	6000*	5970*	5614*
2600/500	6000*	6000*	6000*	5918*	5566*
2700/500	6000*	6000*	6000*	5869*	5519*

Spans are limited by stock length.  
Refer to APL Technical Advisory Service for spans requiring specific design

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 shown with an asterisk will meet the code requirements but will have max deflection greater than 18mm. For advice contact APL Technical Advisory Service