

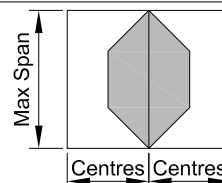
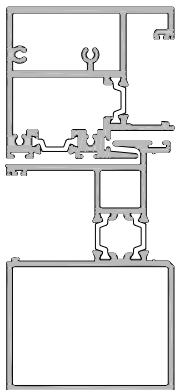
METRO SERIES THERMAL HEART SLIDING DOOR

SPAN TABLES

Cad Ref. ATSD16-0 Scale NTS Date 01.10.16

Extrusion: 64640 / 64580

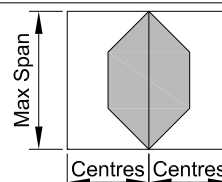
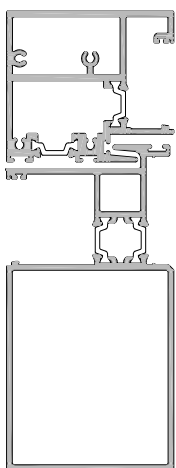
Description: Interlocker Mullion & Stile



Spans for each wind zone					
Centres	Low	Medium	High	Very High	Extra High
1000	3000	3000	3000	2878	2705
1200	3000	3000	3000	2735	2574
1400	3000	3000	2847	2631	2480
1600	3000	3000	2760	2556	2410
1800	3000	2997	2696	2503	2341
2000	3000	2938	2651	2468	2301
2100	3000	2914	2634	2457	2290
2200	3000	2894	2621	2444	2284
2300	3000	2878	2612	2436	2282
2400	3000	2865	2605	2432	2282
2500	3000	2856	2601	2432	2282

Extrusion: 64640 / 64850

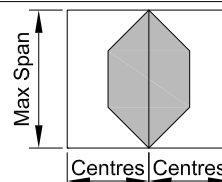
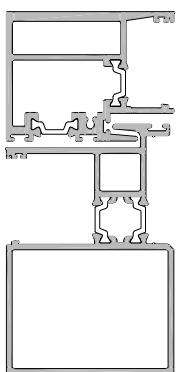
Description: Interlocker Mullion & Heavy Duty Stile



Spans for each wind zone					
Centres	Low	Medium	High	Very High	Extra High
1000	3000	3000	3000	3000	3000
1200	3000	3000	3000	3000	3000
1400	3000	3000	3000	3000	2969
1600	3000	3000	3000	3000	2875
1800	3000	3000	3000	2971	2794
2000	3000	3000	3000	2913	2718
2100	3000	3000	3000	2890	2690
2200	3000	3000	3000	2871	2667
2300	3000	3000	3000	2852	2651
2400	3000	3000	3000	2833	2639
2500	3000	3000	3000	2818	2632

Extrusion: 64590 / 64580

Description: Reverse Interlocker & Stile



Spans for each wind zone					
Centres	Low	Medium	High	Very High	Extra High
1000	3000	3000	3000	2834	2664
1200	3000	3000	2920	2694	2536
1400	3000	3000	2805	2593	2445
1600	3000	3000	2720	2520	2357
1800	3000	2954	2658	2469	2293
2000	3000	2897	2615	2426	2257
2100	3000	2874	2600	2409	2247
2200	3000	2855	2588	2398	2243
2300	3000	2840	2579	2392	2243
2400	3000	2828	2573	2390	2243
2500	3000	2819	2570	2390	2243

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

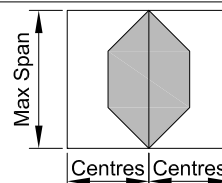
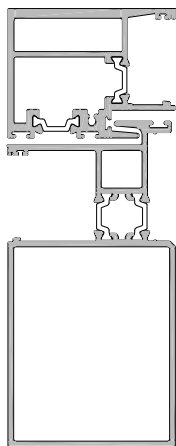
METRO SERIES THERMAL HEART SLIDING DOOR

SPAN TABLES

Cad Ref. ATSD17-0 Scale NTS Date 01.10.16

Extrusion: 64590 / 64850

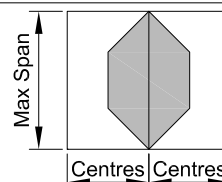
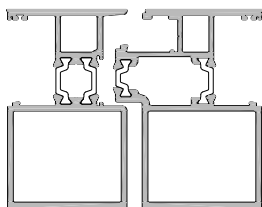
**Description: Reverse Interlocker &
Heavy Duty Stile**



Centres	Spans for each wind zone				
	Low	Medium	High	Very High	Extra High
1000	3000	3000	3000	3000	3000
1200	3000	3000	3000	3000	3000
1400	3000	3000	3000	3000	2945
1600	3000	3000	3000	3000	2852
1800	3000	3000	3000	2948	2780
2000	3000	3000	3000	2891	2705
2100	3000	3000	3000	2869	2678
2200	3000	3000	3000	2850	2656
2300	3000	3000	3000	2835	2640
2400	3000	3000	3000	2821	2628
2500	3000	3000	3000	2807	2621

Extrusion: 64680 / 64670

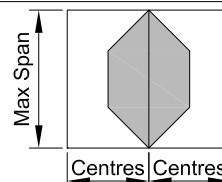
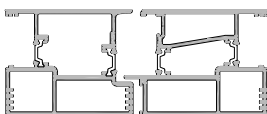
Description: Four Panel Closers



Centres	Spans for each wind zone				
	Low	Medium	High	Very High	Extra High
1000	3000	3000	3000	2847	2677
1200	3000	3000	2933	2707	2548
1400	3000	3000	2818	2605	2455
1600	3000	3000	2732	2531	2391
1800	3000	2967	2670	2480	2347
2000	3000	2909	2626	2446	2321
2100	3000	2886	2610	2435	2313
2200	3000	2867	2598	2427	2308
2300	3000	2852	2589	2422	2307
2400	3000	2840	2583	2420	2307
2500	3000	2830	2579	2420	2307

Extrusion: 64610 / 64600

Description: Four Panel Closers



Centres	Spans for each wind zone				
	Low	Medium	High	Very High	Extra High
1000	3000	3000	3000	2867	2695
1200	3000	3000	3000	2725	2564
1400	3000	3000	2836	2621	2471
1600	3000	3000	2749	2547	2405
1800	3000	2986	2686	2495	2361
2000	3000	2927	2642	2460	2334
2100	3000	2904	2625	2449	2326
2200	3000	2884	2613	2440	2321
2300	3000	2869	2603	2435	2319
2400	3000	2856	2597	2433	2319
2500	3000	2846	2593	2433	2319

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

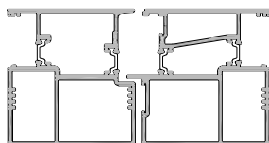
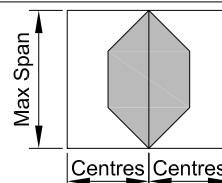
METRO SERIES THERMAL HEART SLIDING DOOR

SPAN TABLE

Cad Ref. ATSD18-0 Scale NTS Date 01.10.16

Extrusion: 64870 / 64860

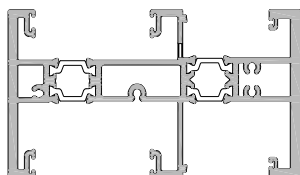
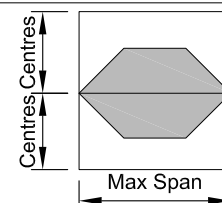
Description: Heavy Duty Four Panel Closers



Centres	Spans for each wind zone				
	Low	Medium	High	Very High	Extra High
1000	3000	3000	3000	3000	3000
1200	3000	3000	3000	3000	3000
1400	3000	3000	3000	3000	3000
1600	3000	3000	3000	3000	2908
1800	3000	3000	3000	3000	2800
2000	3000	3000	3000	2949	2723
2100	3000	3000	3000	2912	2695
2200	3000	3000	3000	2882	2673
2300	3000	3000	3000	2858	2656
2400	3000	3000	3000	2838	2644
2500	3000	3000	3000	2824	2636

Extrusion: 64650

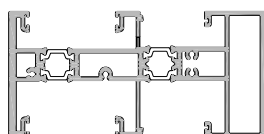
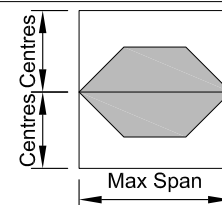
Description: Overlight Transom



Centres	Spans for each wind zone				
	Low	Medium	High	Very High	Extra High
2200/600	4417*	4035*	3614*	3344	3156
2300/600	4380*	4004*	3589	3324	3138
2400/600	4346*	3975*	3567	3306	3124
2500/600	4315*	3949*	3547	3291	3111
2600/600	4286*	3926*	3530	3278	3099

Extrusion: 64830

Description: Heavy Duty Overlight Transom



Centres	Spans for each wind zone				
	Low	Medium	High	Very High	Extra High
2200/600	4838*	4416*	3949*	3651*	3442
2300/600	4795*	4378*	3919*	3625*	3420
2400/600	4755*	4344*	3892*	3603*	3400
2500/600	4718*	4313*	3868*	3583	3383
2600/600	4684*	4285*	3846*	3565	3369

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 meets code requirements but will have deflection greater than 18mm. For advice we recommend you contact APL Technical Advisory Service

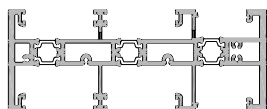
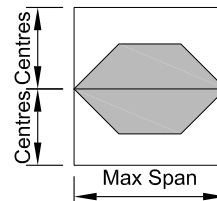
METRO SERIES THERMAL HEART SLIDING DOOR

SPAN TABLES

Cad Ref. ATSD19-0 Scale NTS Date 01.10.16

Extrusion: 64660

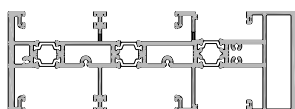
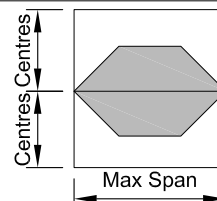
Description: Overlight Transom



Centres	Spans for each wind zone				
	Low	Medium	High	Very High	Extra High
2200/600	5968*	5438*	4863*	4477*	4214*
2300/600	5909*	5387*	4810*	4439*	4180*
2400/600	5854*	5339*	4770*	4404*	4149*
2500/600	5802*	5294*	4732*	4372*	4120*
2600/600	5754*	5252*	4698*	4343*	4094*

Extrusion: 64840

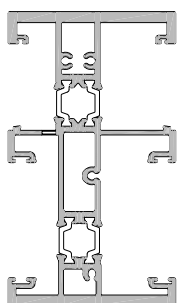
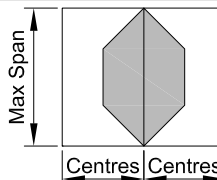
Description: Overlight Transom



Centres	Spans for each wind zone				
	Low	Medium	High	Very High	Extra High
2200/600	6000*	5898*	5260*	4850*	4560*
2300/600	6000*	5841*	5211*	4807*	4500*
2400/600	6000*	5787*	5165*	4767*	4445*
2500/600	6000*	5736*	5123*	4730*	4395*
2600/600	6000*	5688*	5083*	4695*	4349*

Extrusion: 64650

Description: Three Panel Jointer



Centres	Spans for each wind zone				
	Low	Medium	High	Very High	Extra High
1000	3000	3000	3000	3000	3000
1200	3000	3000	3000	3000	3000
1400	3000	3000	3000	3000	3000
1600	3000	3000	3000	3000	2934
1800	3000	3000	3000	3000	2824
2000	3000	3000	3000	2974	2746
2100	3000	3000	3000	2936	2717
2200	3000	3000	3000	2905	2693
2300	3000	3000	3000	2880	2676
2400	3000	3000	3000	2860	2663
2500	3000	3000	3000	2844	2655

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 meets code requirements but will have deflection greater than 18mm. For advice we recommend you contact APL Technical Advisory Service

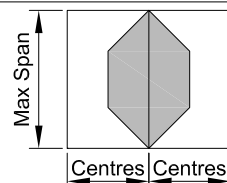
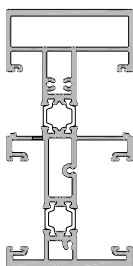
METRO SERIES THERMAL HEART SLIDING DOOR

SPAN TABLES

Cad Ref. ATSD20-0 Scale NTS Date 01.10.16

Extrusion: 64830

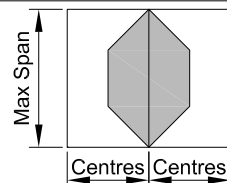
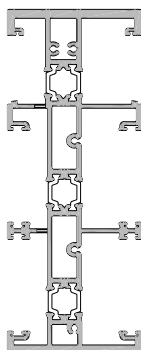
Description: Heavy Duty Three Panel Jointer



Centres	Spans for each wind zone				
	Low	Medium	High	Very High	Extra High
1000	3000	3000	3000	3000	3000
1200	3000	3000	3000	3000	3000
1400	3000	3000	3000	3000	3000
1600	3000	3000	3000	3000	3000
1800	3000	3000	3000	3000	3000
2000	3000	3000	3000	3000	3000
2100	3000	3000	3000	3000	3000
2200	3000	3000	3000	3000	3000
2300	3000	3000	3000	3000	2988
2400	3000	3000	3000	3000	2964
2500	3000	3000	3000	3000	2945

Extrusion: 64660

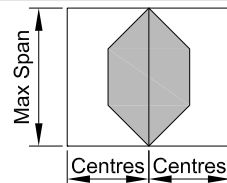
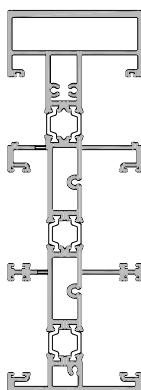
Description: Four Panel Jointer



Centres	Spans for each wind zone				
	Low	Medium	High	Very High	Extra High
1000	3000	3000	3000	3000	3000
1200	3000	3000	3000	3000	3000
1400	3000	3000	3000	3000	3000
1600	3000	3000	3000	3000	3000
1800	3000	3000	3000	3000	3000
2000	3000	3000	3000	3000	3000
2100	3000	3000	3000	3000	3000
2200	3000	3000	3000	3000	3000
2300	3000	3000	3000	3000	3000
2400	3000	3000	3000	3000	3000
2500	3000	3000	3000	3000	3000

Extrusion: 64840

Description: Heavy Duty Four Panel Jointer



Centres	Spans for each wind zone				
	Low	Medium	High	Very High	Extra High
1000	3000	3000	3000	3000	3000
1200	3000	3000	3000	3000	3000
1400	3000	3000	3000	3000	3000
1600	3000	3000	3000	3000	3000
1800	3000	3000	3000	3000	3000
2000	3000	3000	3000	3000	3000
2100	3000	3000	3000	3000	3000
2200	3000	3000	3000	3000	3000
2300	3000	3000	3000	3000	3000
2400	3000	3000	3000	3000	3000
2500	3000	3000	3000	3000	3000

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