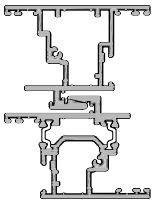
ARCHITECTURAL THERMAL HEART SLIDING WINDOWS SPAN TABLES

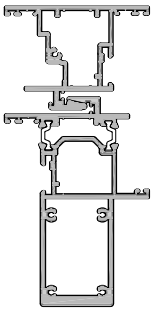
Cad Ref | TASWST01-0 **Scale** | NTS **Date** | 15.05.24

Extrusion: 21446 / 21420
Description: Interlocker Stiles



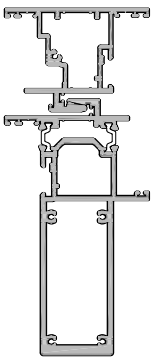
	Spans for each wind zone				
Centres	Low	Medium	High	Very High	Extra High
1000	2670	2435	2176	2010	1893
1100	2600	2374	2125	1965	1853
1200	2541	2323	2083	1929	1822
1300	2491	2281	2049	1901	1797
1400	2449	2245	2021	1878	1779
1500	2414	2217	2000	1862	1766
1600	2385	2193	1984	1850	1758
1700	2361	2175	1972	1843	1754
1800	2342	2161	1965	1840	1753
1900	2327	2151	1961	1840	1753
2000	2316	2145	1960	1840	1753

Extrusion: 21446 / 21430
Description: Interlocker Box Stile



	Spans for each wind zone				
Centres	Low	Medium	High	Very High	Extra High
1000	4237*	3855*	3433	3161	2970
1100	4113*	3744*	3337	3074	2890
1200	4005*	3648*	3253	2999	2821
1300	3911*	3564	3181	2935	2763
1400	3828*	3491	3118	2880	2712
1500	3754*	3426	3064	2832	2669
1600	3689*	3369	3016	2790	2632
1700	3630*	3319	2975	2755	2601
1800	3579	3274	2939	2725	2563
1900	3533	3235	2908	2700	2530
2000	3492	3201	2882	2679	2505

Extrusion: 21446 / 27420
Description: Interlocker Box Stile Heavy Duty



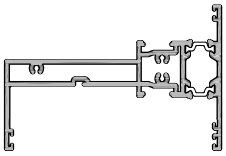
	Spans for each wind zone				
Centres	Low	Medium	High	Very High	Extra High
1000	5098*	4637*	4126*	3797*	3566
1100	4946*	4500*	4006*	3688*	3465
1200	4813*	4380*	3901*	3594	3378
1300	4695*	4275*	3810*	3511	3302
1400	4591*	4182*	3729*	3439	3235
1500	4497*	4099*	3658*	3376	3171
1600	4414*	4025*	3596	3320	3095
1700	4339*	3959*	3540	3271	3029
1800	4271*	3900*	3490	3228	2973
1900	4210*	3846*	3446	3177	2924
2000	4155*	3799*	3408	3127	2883

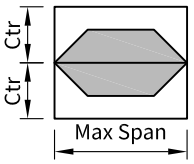
Spans are the maximum calculated allowable, based on NZS4211:2008, which requires that the member deflection at serviceability wind pressure (SWP) shall not exceed 1/200 of the span. Hardware and componentry may further restrict the spans. Spans with asterix will meet code requirements but will have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

ARCHITECTURAL THERMAL HEART SLIDING WINDOWS SPAN TABLES

Cad Ref | TASWST02-0 **Scale** | NTS **Date** | 01.04.23

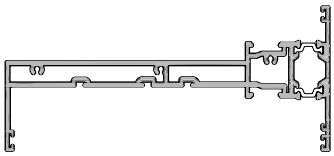
Extrusion: 21500
Description: Slider Overlight Transom

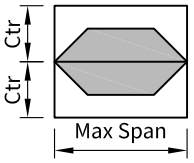




	Spans for each wind zone				
Centres	Low	Medium	High	Very High	Extra High
600/2200	3622*	3278	2822	2539	2356
600/2300	3597	3248	2804	2530	2353
600/2400	3575	3222	2790	2524	2352
600/2500	3555	3200	2780	2522	2352
600/2600	3538	3182	2773	2522	2352

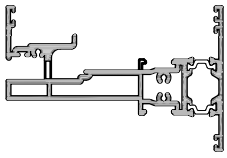
Extrusion: 21510
Description: Stacker Overlight Transom

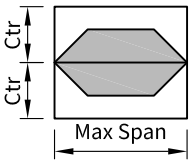




	Spans for each wind zone				
Centres	Low	Medium	High	Very High	Extra High
600/2200	5097*	4547*	3869*	3444	3166
600/2300	5050*	4487*	3825*	3410	3139
600/2400	5007*	4432*	3785*	3380	3116
600/2500	4966*	4382*	3749*	3354	3097
600/2600	4929*	4337*	3718*	3332	3081

Extrusion: 21660
Description: Slider Underlight Transom





	Spans for each wind zone				
Centres	Low	Medium	High	Very High	Extra High
600/2200	3795*	3474	3120	2820	2607
600/2300	3768*	3451	3103	2803	2596
600/2400	3743*	3431	3089	2789	2588
600/2500	3721*	3414	3077	2779	2584
600/2600	3701*	3399	3065	2772	2583

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