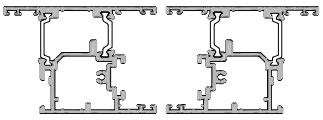
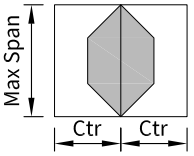
RESIDENTIAL THERMAL HEART SERIES
HINGE DOORS
SPAN TABLES

Cad Ref | TRHDST01-0 **Scale** | NTS **Date** | 01.03.23

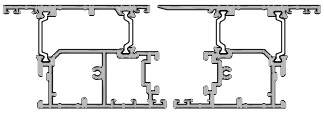
Extrusion: 26330/26330
Description: Stiles

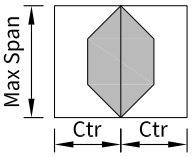




	Spans for each wind zone				
Centres	Low	Medium	High	Very High	Extra High
500	3550	3228	2870	2639	2477
600	3347	3043	2707	2491	2339
700	3186	2899	2580	2375	2231
800	3056	2782	2478	2283	2146
900	2948	2685	2395	2208	2077

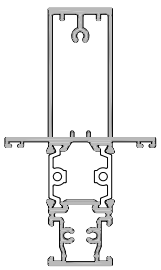
Extrusion: 26550/26560
Description: French Stiles

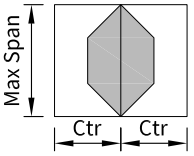




	Spans for each wind zone				
Centres	Low	Medium	High	Very High	Extra High
500	3604*	3277	2914	2679	2515
600	3398	3090	2748	2529	2374
700	3234	2942	2619	2411	2265
800	3102	2823	2515	2317	2178
900	2992	2725	2430	2241	2108

Extrusion: 24360
Description: Mullion





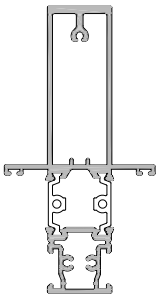
	Spans for each wind zone				
Centres	Low	Medium	High	Very High	Extra High
500	3974*	3613*	3212	2953	2722
600	3745*	3405	3028	2740	2495
700	3564	3242	2884	2548	2323
800	3416	3109	2717	2399	2189
900	3294	2999	2577	2279	2083
1000	3190	2906	2463	2183	1999
1100	3102	2791	2370	2105	1932
1200	3026	2693	2293	2043	1879
1300	2961	2610	2230	1993	1839
1400	2897	2541	2179	1954	1808
1500	2823	2483	2139	1925	1786

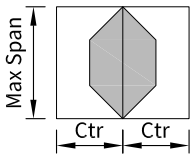
Spans are the maximum calculated allowable, based on NZS4211:2008, which requires that the member deflection at serviceability wind pressure (SWP) shall not exceed 1/200 of the span. Hardware and componentry may further restrict the spans.
For advice we recommend you contact APL Technical Advisory Service

RESIDENTIAL THERMAL HEART SERIES
HINGE DOORS
SPAN TABLES

Cad Ref | TRHDST02-0 **Scale** | NTS **Date** | 01.03.23

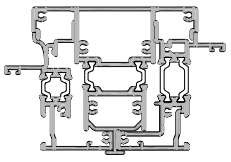
Extrusion: 24370
Description: Mullion

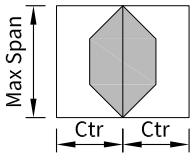




	Spans for each wind zone				
Centres	Low	Medium	High	Very High	Extra High
500	4473*	3876*	3261	2870	2611
600	4089*	3546	2985	2629	2394
700	3794*	3292	2775	2447	2230
800	3559	3091	2609	2304	2103
900	3367	2928	2476	2191	2003
1000	3209	2794	2368	2100	1924
1100	3076	2683	2280	2027	1861
1200	2963	2590	2208	1969	1813
1300	2868	2512	2150	1923	1776
1400	2787	2448	2103	1888	1749
1500	2719	2394	2065	1862	1731

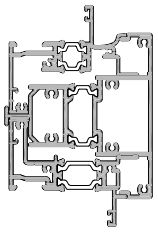
Extrusion: 20100/23980/23050
Description: Sidelight Coupled to Open Out Door

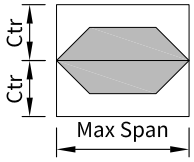




	Spans for each wind zone				
Centres	Low	Medium	High	Very High	Extra High
300/900	3739*	3401	3027	2787	2617
400/900	3641*	3312	2948	2714	2549
500/900	3553	3233	2878	2649	2489
600/900	3474	3161	2815	2591	2435
700/900	3403	3097	2758	2540	2387
800/900	3338	3039	2707	2494	2344
900/900	3280	2986	2661	2452	2306

Extrusion: 20100/23980/23050
Description: Overlight Coupled to Open Out Door





	Spans for each wind zone				
Centres	Low	Medium	High	Very High	Extra High
600/2200	2977	2736	2472	2304	2156
600/2300	2963	2726	2467	2303	2156
600/2400	2951	2719	2465	2303	2156
600/2500	2942	2714	2465	2303	2156
600/2600	2935	2711	2465	2303	2156

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.
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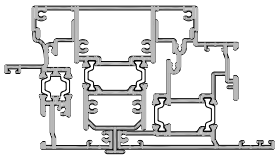
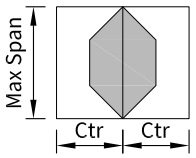
RESIDENTIAL THERMAL HEART SERIES
HINGE DOORS
SPAN TABLES

Cad Ref | TRHDST03-0 **Scale** | NTS **Date** | 01.03.23

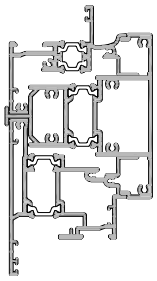
Extrusion: 20100/23980/27070
Description: Sidelight Coupled to Open In Door

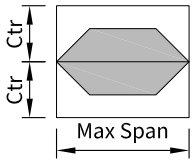




	Spans for each wind zone				
Centres	Low	Medium	High	Very High	Extra High
300/900	3834*	3487	3103	2856	2683
400/900	3733*	3396	3022	2782	2613
500/900	3643*	3314	2950	2715	2551
600/900	3562	3241	2885	2656	2495
700/900	3489	3175	2827	2603	2446
800/900	3422	3115	2774	2555	2402
900/900	3362	3061	2727	2513	2362

Extrusion: 20100/23980/27070
Description: Overlight Coupled to Open In Door





	Spans for each wind zone				
Centres	Low	Medium	High	Very High	Extra High
600/2200	3044	2797	2525	2353	2196
600/2300	3029	2786	2520	2350	2196
600/2400	3016	2778	2516	2350	2196
600/2500	3006	2771	2515	2350	2196
600/2600	3998	2767	2515	2350	2196

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.
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