



METRO SERIES, AWNING WINDOW

SPAN TABLES

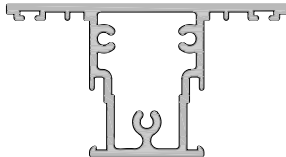
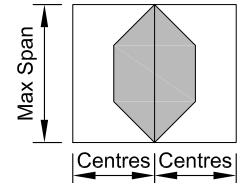
CAD REF. VMAWST01-0

DATE
08.02.18

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Extrusion: 08610

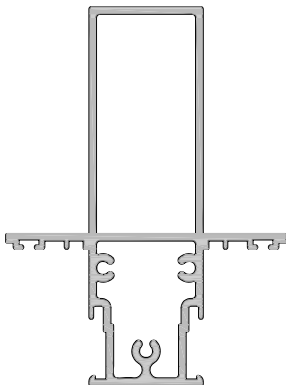
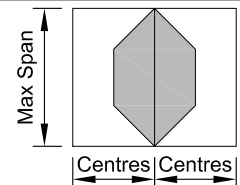
Description: Mullion



Centres	Spans for each wind zone				
	Low	Medium	High	Very High	Extra High
1000	1768	1621	1458	1355	1283
1100	1733	1592	1437	1339	1270
1200	1707	1571	1423	1329	1264
1300	1687	1557	1415	1326	1263
1400	1673	1548	1412	1325	1263
1500	1664	1544	1412	1325	1263
1600	1659	1543	1412	1325	1263
1700	1659	1543	1412	1325	1263
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Extrusion: 08611

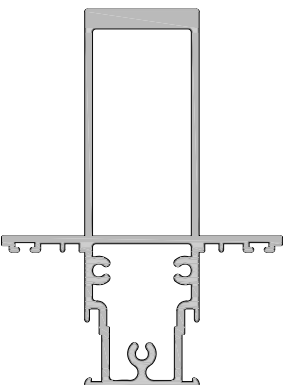
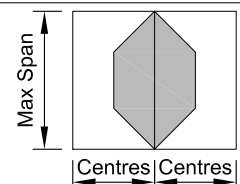
Description: Mullion



Centres	Spans for each wind zone				
	Low	Medium	High	Very High	Extra High
1000	3231	2943	2525	2236	2047
1100	3141	2861	2428	2155	1977
1200	3065	2759	2348	2090	1922
1300	2998	2673	2282	2038	1879
1400	2941	2601	2229	1997	1846
1500	2891	2541	2185	1965	1822
1600	2826	2490	2151	1942	1806
1700	2770	2449	2125	1926	1798
1800	2724	2415	2106	1916	1795
1900	2685	2389	2093	1913	1795
2000	2653	2369	2086	1913	1795

Extrusion: 08612

Description: Mullion



Centres	Spans for each wind zone				
	Low	Medium	High	Very High	Extra High
1000	3558	3240	2887	2661	2470
1100	3457	3150	2810	2592	2376
1200	3370	3072	2744	2509	2299
1300	3294	3006	2688	2436	2236
1400	3228	2948	2640	2375	2185
1500	3170	2898	2599	2324	2143
1600	3120	2855	2549	2284	2111
1700	3076	2818	2505	2251	2087
1800	3038	2786	2469	2226	2070
1900	3004	2759	2441	2208	2059
2000	2976	2737	2418	2196	2053

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



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SPAN TABLES

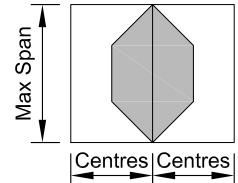
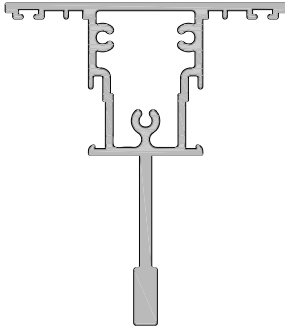
CAD REF. VMAWST02-0

DATE
08.02.18

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Extrusion: 08614

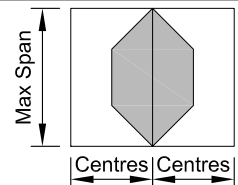
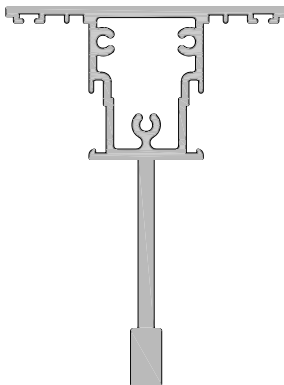
Description: Mullion



Centres	Spans for each wind zone				
	Low	Medium	High	Very High	Extra High
1000	2919	2606	2212	1964	1801
1100	2840	2505	2133	1899	1746
1200	2767	2421	2069	1848	1704
1300	2681	2352	2017	1809	1674
1400	2609	2295	1977	1780	1653
1500	2548	2248	1946	1760	1640
1600	2497	2211	1924	1748	1635
1700	2455	2182	1909	1742	1634
1800	2422	2160	1901	1742	1634
1900	2395	2145	1898	1742	1634
2000	2375	2136	1898	1742	1634

Extrusion: 08615

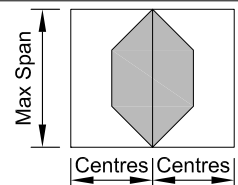
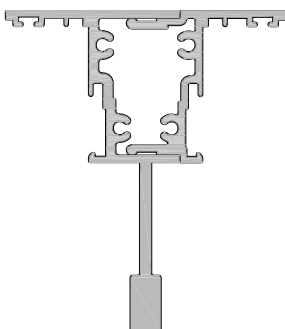
Description: Mullion



Centres	Spans for each wind zone				
	Low	Medium	High	Very High	Extra High
1000	3561	3242	2797	2474	2262
1100	3460	3152	2686	2380	2180
1200	3372	3053	2593	2303	2113
1300	3297	2954	2515	2239	2060
1400	3231	2869	2450	2188	2017
1500	3173	2797	2396	2147	1984
1600	3114	2736	2353	2114	1960
1700	3047	2684	2317	2090	1943
1800	2990	2641	2289	2072	1933
1900	2941	2605	2268	2061	1929
2000	2900	2577	2253	2056	1928

Extrusion: 08617/08619

Description: Mullion



Centres	Spans for each wind zone				
	Low	Medium	High	Very High	Extra High
1000	2992	2727	2434	2188	2003
1100	2911	2655	2373	2110	1936
1200	2841	2594	2298	2047	1883
1300	2782	2543	2235	1997	1842
1400	2731	2499	2184	1958	1811
1500	2687	2463	2143	1928	1790
1600	2650	2432	2111	1907	1776
1700	2619	2401	2086	1893	1768
1800	2592	2370	2069	1885	1767
1900	2570	2345	2058	1883	1767
2000	2553	2327	2053	1883	1767

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METRO SERIES, AWNING WINDOW

SPAN TABLES

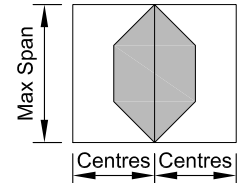
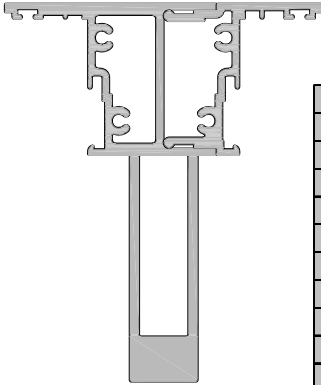
CAD REF. VMAWST03-0

DATE
08.02.18

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Extrusion: 08618/08619

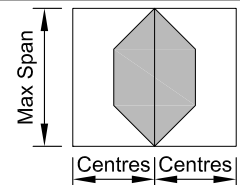
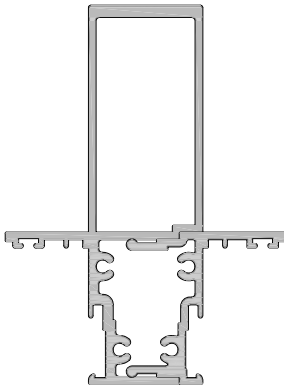
Description: Mullion



Centres	Spans for each wind zone				
	Low	Medium	High	Very High	Extra High
1000	3947*	3592	3200	2947	2770
1100	3833*	3490	3111	2868	2697
1200	3734*	3402	3035	2800	2635
1300	3647*	3325	2970	2742	2582
1400	3571	3258	2913	2692	2515
1500	3504	3200	2864	2649	2458
1600	3445	3149	2822	2613	2412
1700	3393	3104	2786	2572	2374
1800	3347	3065	2755	2533	2343
1900	3306	3031	2729	2502	2320
2000	3271	3002	2707	2477	2303

Extrusion: 08620/08619

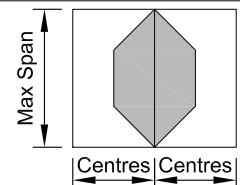
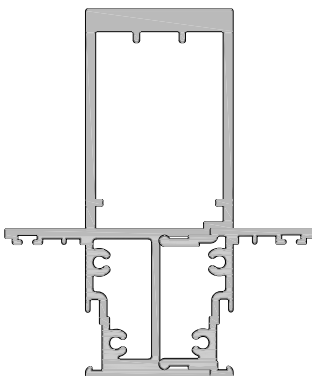
Description: Mullion



Centres	Spans for each wind zone				
	Low	Medium	High	Very High	Extra High
1000	3293	2999	2675	2466	2296
1100	3201	2918	2605	2404	2212
1200	3122	2848	2546	2337	2144
1300	3054	2789	2496	2272	2089
1400	2995	2738	2454	2219	2045
1500	2944	2694	2419	2176	2011
1600	2900	2656	2385	2142	1985
1700	2861	2625	2348	2116	1967
1800	2828	2598	2319	2098	1955
1900	2800	2576	2297	2085	1950
2000	2777	2558	2280	2079	1949

Extrusion: 08622/08619

Description: Mullion



Centres	Spans for each wind zone				
	Low	Medium	High	Very High	Extra High
1000	3979*	3622*	3226	2971	2793
1100	3864*	3519	3137	2891	2719
1200	3764*	3430	3060	2822	2656
1300	3677*	3352	2994	2763	2592
1400	3600	3285	2936	2713	2523
1500	3532	3225	2887	2670	2466
1600	3472	3173	2844	2628	2419
1700	3420	3128	2807	2580	2381
1800	3373	3088	2776	2541	2350
1900	3332	3054	2749	2510	2327
2000	3296	3024	2727	2485	2309

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METRO SERIES, AWNING WINDOW

SPAN TABLES

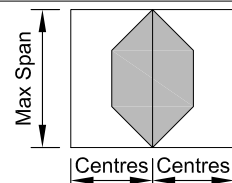
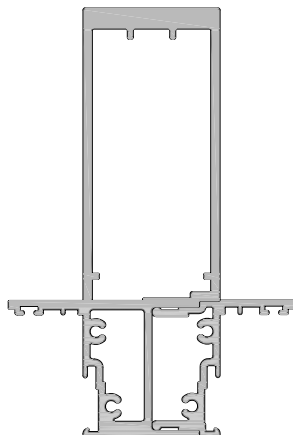
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DATE
08.02.18

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Extrusion: 08623/08619

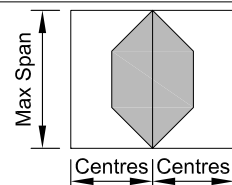
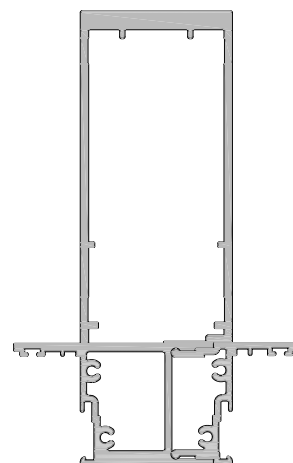
Description: Mullion



Centres	Spans for each wind zone				
	Low	Medium	High	Very High	Extra High
1000	4818*	4383*	3900*	3590	3372
1100	4675*	4254*	3788*	3488	3277
1200	4550*	4142*	3690*	3400	3283
1300	4440*	4043*	3605*	3323	3078
1400	4342*	3957*	3530	3256	2988
1500	4255*	3880*	3464	3177	2911
1600	4178*	3811*	3406	3101	2845
1700	4108*	3750*	3355	3035	2789
1800	4045*	3695*	3310	2978	2741
1900	3989*	3647*	3270	2929	2702
2000	3938*	3604*	3225	2888	2669

Extrusion: 08624/08619

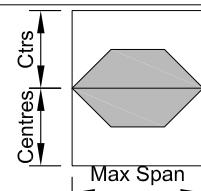
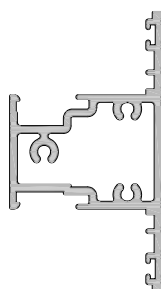
Description: Mullion



Centres	Spans for each wind zone				
	Low	Medium	High	Very High	Extra High
1000	5896*	5361*	4768*	4386*	4118*
1100	5718*	5200*	4627*	4258*	3998*
1200	5562*	5060*	4503*	4146*	3894*
1300	5423*	4935*	4395*	4047*	3803*
1400	5300*	4824*	4298*	3960*	3723*
1500	5189*	4725*	4212*	3883*	3652*
1600	5089*	4636*	4136*	3814*	3589
1700	4998*	4556*	4067*	3753*	3533
1800	4916*	4484*	4005*	3699*	3484
1900	4842*	4418*	3950*	3650*	3440
2000	4774*	4358*	3900*	3607*	3401

Extrusion: 08625

Description: Transom



Centres	Spans for each wind zone				
	Low	Medium	High	Very High	Extra High
1000	1750	1605	1444	1342	1269
1100	1716	1577	1424	1327	1250
1200	1690	1557	1411	1318	1242
1300	1671	1543	1403	1315	1241
1400	1657	1534	1401	1315	1241
1500	1649	1531	1401	1315	1241
1600	1645	1531	1401	1315	1241
1700	1645	1531	1401	1315	1241
1800	1645	1531	1401	1315	1241
1900	1645	1531	1401	1315	1241
2000	1645	1531	1401	1315	1241

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SPAN TABLES

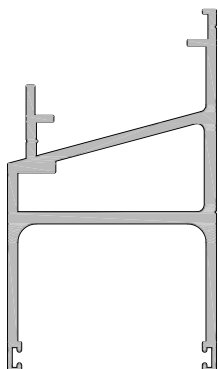
CAD REF. VMAWST05-0

DATE
08.02.18

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Extrusion: 08651

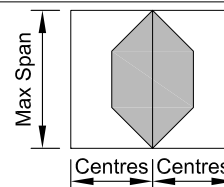
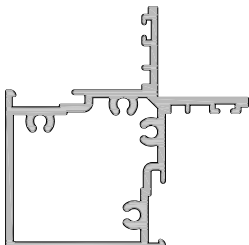
Description: Seismic Transom



Centres	Spans for each wind zone				
	Low	Medium	High	Very High	Extra High
1000	2832	2582	2306	2128	2004
1100	2757	2516	2250	2079	1960
1200	2692	2460	2203	2039	1924
1300	2638	2413	2165	2006	1896
1400	2591	2373	2133	1980	1874
1500	2552	2340	2108	1960	1857
1600	2518	2313	2088	1945	1846
1700	2491	2291	2073	1935	1839
1800	2468	2274	2063	1929	1836
1900	2449	2261	2056	1926	1836
2000	2435	2252	2053	1926	1836

Extrusion: 08652

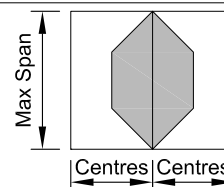
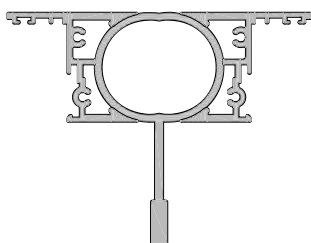
Description: 90° Corner Post



Centres	Spans for each wind zone				
	Low	Medium	High	Very High	Extra High
1000	2186	1997	1758	1570	1447
1100	2134	1953	1706	1530	1416
1200	2092	1918	1667	1502	1395
1300	2057	1889	1639	1484	1385
1400	2030	1856	1620	1475	1382
1500	2008	1832	1609	1473	1382
1600	1991	1815	1605	1473	1382
1700	1980	1806	1605	1473	1382
1800	1972	1803	1605	1473	1382
1900	1968	1803	1605	1473	1382
2000	1967	1803	1605	1473	1382

Extrusion: 08654/08653

Description: Fin Pipe / Pipe Chair



Centres	Spans for each wind zone				
	Low	Medium	High	Very High	Extra High
1000	3014	2747	2451	2262	2129
1100	2932	2674	2390	2207	2079
1200	2862	2613	2338	2162	2039
1300	2802	2561	2295	2125	2006
1400	2750	2516	2259	2095	1980
1500	2706	2479	2230	2071	1960
1600	2668	2448	2206	2053	1945
1700	2636	2422	2188	2039	1935
1800	2609	2401	2174	2029	1929
1900	2587	2384	2163	2023	1922
2000	2569	2372	2157	2021	1922

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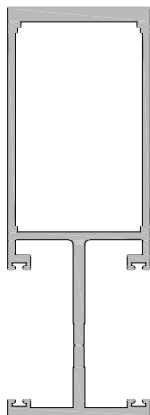
CAD REF. VMAWST06-0

DATE
08.02.18

SCALE
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Extrusion: 08481

Description: Mullion



Centres	Spans for each wind zone				
	Low	Medium	High	Very High	Extra High
1000	5685*	5170*	4598*	4231*	3950*
1100	5514*	5015*	4463*	4107*	3779*
1200	5364*	4880*	4344*	3985*	3634*
1300	5231*	4760*	4240*	3844*	3508
1400	5112*	4654*	4148*	3722*	3400
1500	5006*	4560*	4066*	3615*	3306
1600	4910*	4474*	3975*	3522	3224
1700	4824*	4398*	3877*	3440	3153
1800	4746*	4329*	3790*	3368	3092
1900	4675*	4267*	3713*	3306	3039
2000	4610*	4210*	3645*	3251	2994

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