FIRST WINDOWS & DOORS

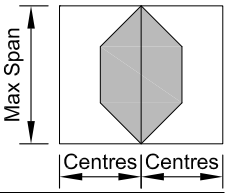
Cad Ref. FRTAW04-0

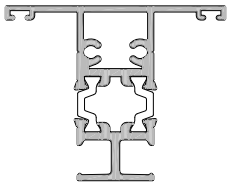
FIRST THERMAL HEART AWNING WINDOW

MULLION/TRANSOM SPAN TABLES

Date 01.08.17 **Scale** 1:2

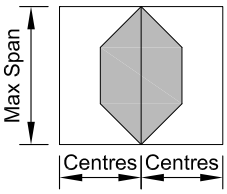
Extrusion: 65100
Description: Light Mullion/Transom

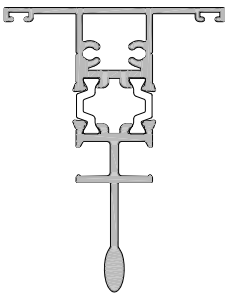




	Spans for each wind zone				
Centres	Low	Medium	High	Very High	Extra High
500	2009	1828	1628	1500	1410
600	1900	1731	1544	1424	1317
800	1752	1601	1435	1296	1194
900	1702	1558	1399	1254	1161
1100	1632	1501	1336	1212	1133
1200	1610	1484	1321	1207	1133
1400	1583	1468	1316	1207	1133
1500	1578	1467	1316	1207	1133
1700	1576	1467	1316	1207	1133
1800	1576	1467	1316	1207	1133
2000	1576	1467	1316	1207	1133

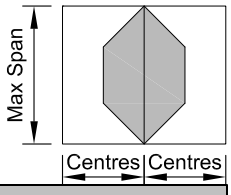
Extrusion: 65110
Description: Medium Mullion/Transom

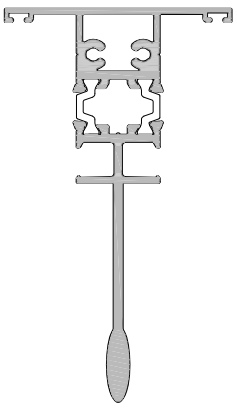




	Spans for each wind zone				
Centres	Low	Medium	High	Very High	Extra High
500	2770	2519	2152	1897	1729
600	2614	2343	1978	1746	1594
800	2363	2059	1748	1552	1424
900	2246	1962	1672	1491	1372
1100	2076	1826	1572	1415	1313
1200	2015	1779	1541	1394	1300
1400	1929	1719	1509	1381	1296
1500	1901	1702	1505	1381	1296
1700	1868	1691	1505	1381	1296
1800	1862	1691	1505	1391	1296
2000	1861	1691	1505	1381	1296

Extrusion: 65130
Description: Heavy Mullion/Transom





	Spans for each wind zone				
Centres	Low	Medium	High	Very High	Extra High
500	3937*	3579	3125	2751	2503
600	3710*	3374	2862	2521	2296
800	3385	2964	2503	2211	2019
900	3230	2809	2377	2104	1925
1100	2952	2577	2192	1950	1793
1200	2846	2489	2125	1897	1748
1400	2681	2356	2028	1824	1692
1500	2617	2307	1994	1801	1677
1700	2518	2236	1952	1779	1668
1800	2482	2211	1942	1777	1668
2000	2430	2182	1937	1777	1668

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. Spans with asterix will meet requirements but will have a max deflection greater than 18mm. Hardware and componentry may further restrict the spans. For advice we recommend you contact APL Technical Advisory Service

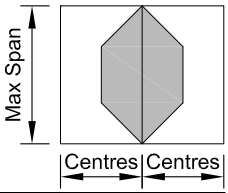
Cad Ref. FRTAW05-0

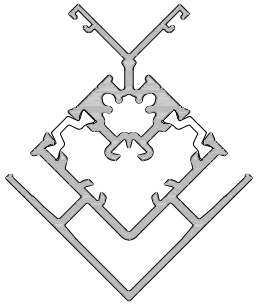
FIRST THERMAL HEART AWNING WINDOW

CORNER POST SPAN TABLES

Date 01.08.17 **Scale** 1:2

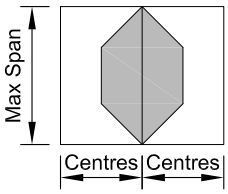
Extrusion: 65140
Description: 90º Corner Post

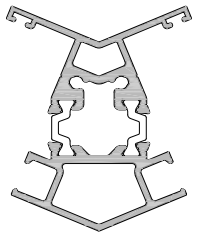




	Spans for each wind zone				
Centres	Low	Medium	High	Very High	Extra High
500	2782	2530	2250	2071	1900
600	2625	2388	2126	1917	1749
800	2404	2191	1914	1697	1555
900	2324	2120	1827	1625	1493
1100	2204	1990	1707	1531	1416
1200	2159	1934	1667	1503	1396
1400	2092	1857	1620	1475	1383
1500	2056	1832	1609	1474	1383
1700	2008	1807	1606	1474	1383
1800	1994	1804	1606	1474	1383
2000	1985	1804	1606	1474	1383

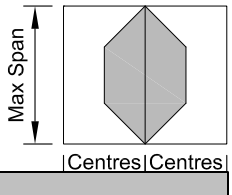
Extrusion: 65150
Description: 135º Corner Post

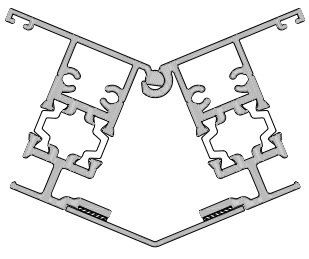




	Spans for each wind zone				
Centres	Low	Medium	High	Very High	Extra High
500	2336	2125	1892	1741	1636
600	2207	2009	1791	1650	1551
800	2028	1850	1654	1529	1403
900	1964	1795	1609	1470	1353
1100	1873	1717	1547	1396	1296
1200	1840	1691	1521	1377	1285
1400	1796	1658	1492	1366	1282
1500	1783	1650	1489	1366	1282
1700	1769	1646	1489	1366	1282
1800	1769	1646	1489	1366	1282
2000	1769	1646	1489	1366	1282

Extrusion: 65160/65170
Description: Variable Angle Corner Post





	Spans for each wind zone				
Centres	Low	Medium	High	Very High	Extra High
500	2606	2370	2109	1941	1823
600	2460	2239	1994	1836	1726
800	2255	2056	1836	1695	1596
900	2182	1992	1782	1648	1553
1100	2073	1898	1705	1583	1497
1200	2033	1864	1680	1562	1480
1400	1975	1819	1648	1540	1464
1500	1955	1804	1640	1536	1464
1700	1930	1789	1636	1536	1464
1800	1924	1788	1636	1536	1464
2000	1921	1788	1636	1536	1464

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