AWNING / CASEMENT WINDOW

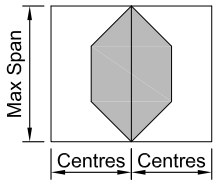
SPAN TABLES

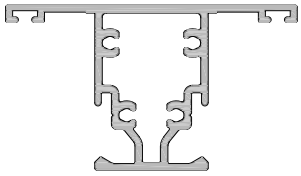
CAD REF. VAWST01-0

DATE 01.04.19

SCALE NTS

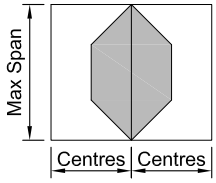
Extrusion: 05150
Description: Mullion

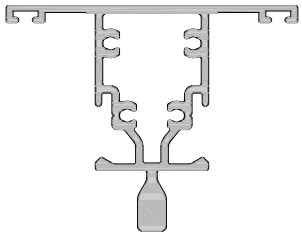




	Spans for each wind zone				
Centres	Low	Medium	High	Very High	Extra High
500	1687	1537	1370	1263	1188
600	1600	1459	1304	1204	1134
700	1534	1401	1256	1163	1097
800	1484	1359	1222	1134	1066
900	1447	1328	1198	1116	1044
1000	1419	1307	1184	1106	1035
1100	1400	1293	1176	1102	1034
1200	1388	1286	1175	1102	1034
1300	1381	1284	1175	1102	1034
1400	1380	1284	1175	1102	1034
1500	1380	1284	1175	1102	1034

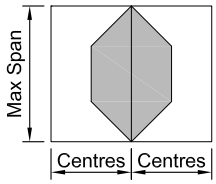
Extrusion: 05151
Description: Fin Mullion

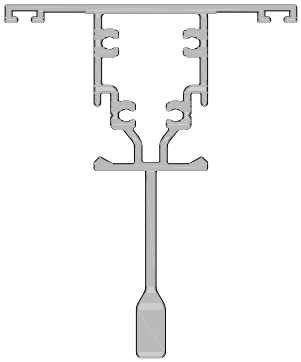




	Spans for each wind zone				
Centres	Low	Medium	High	Very High	Extra High
500	2109	1919	1709	1574	1479
600	1994	1816	1620	1493	1373
700	1906	1738	1553	1413	1295
800	1836	1677	1502	1348	1240
900	1782	1630	1454	1302	1203
1000	1739	1594	1412	1271	1180
1100	1705	1567	1383	1253	1169
1200	1680	1547	1365	1244	1167
1300	1661	1534	1356	1244	1167
1400	1648	1526	1355	1244	1167
1500	1640	1522	1355	1244	1167

Extrusion: 05152
Description: Fin Mullion





	Spans for each wind zone				
Centres	Low	Medium	High	Very High	Extra High
500	3007	2734	2431	2177	1982
600	2836	2580	2267	2000	1824
700	2702	2460	2113	1868	1706
800	2594	2355	1995	1767	1618
900	2506	2239	1902	1690	1551
1000	2433	2145	1829	1631	1502
1100	2361	2069	1772	1587	1467
1200	2285	2009	1729	1556	1443
1300	2223	1961	1697	1534	1429
1400	2172	1924	1675	1522	1424
1500	2131	1896	1661	1517	1424

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

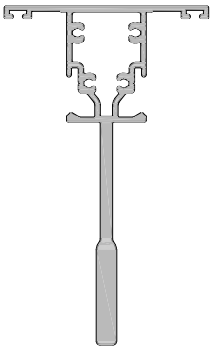
AWNING / CASEMENT WINDOW
SPAN TABLES

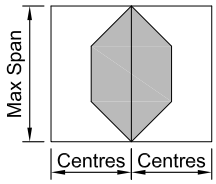
CAD REF. VAWST02-0

DATE 01.04.19

SCALE NTS

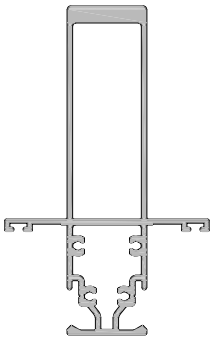
Extrusion: 05153
Description: Large Fin Mullion

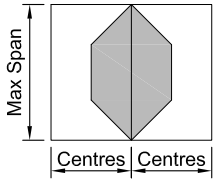




	Spans for each wind zone				
Centres	Low	Medium	High	Very High	Extra High
500	4200*	3817*	3394	3120	2928
600	3957*	3598	3199	2942	2684
700	3764*	3424	3046	2741	2497
800	3608*	3283	2921	2578	2351
900	3478	3165	2769	2447	2234
1000	3367	3067	2644	2340	2141
1100	3273	2983	2541	2254	2066
1200	3192	2888	2455	2183	2006
1300	3121	2796	2384	2126	1958
1400	3060	2718	2326	2080	1921
1500	3007	2653	2278	2044	1893

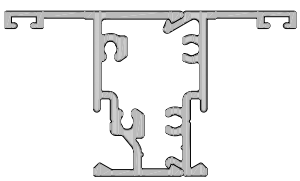
Extrusion: 05154
Description: Internal Box Mullion

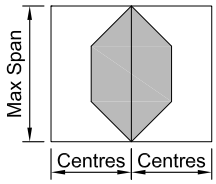




	Spans for each wind zone				
Centres	Low	Medium	High	Very High	Extra High
500	4085*	3713*	3301	3035	2848
600	3849*	3500	3112	2863	2687
700	3662*	3331	2964	2727	2561
800	3510	3194	2844	2618	2423
900	3384	3080	2745	2521	2302
1000	3277	2985	2662	2410	2204
1100	3186	2904	2593	2320	2125
1200	3107	2835	2527	2246	2062
1300	3040	2776	2453	2185	2011
1400	2981	2725	2391	2137	1971
1500	2930	2682	2340	2098	1941

Extrusion: 05155 / 05156
Description: Chair & Cap





	Spans for each wind zone				
Centres	Low	Medium	High	Very High	Extra High
500	1815	1652	1473	1357	1276
600	1719	1567	1399	1291	1216
700	1646	1503	1345	1244	1173
800	1590	1455	1306	1211	1144
900	1547	1419	1278	1188	1125
1000	1515	1393	1259	1174	1111
1100	1491	1375	1248	1167	1111
1200	1475	1364	1243	1166	1111
1300	1465	1358	1242	1166	1111
1400	1460	1358	1242	1166	1111
1500	1459	1358	1242	1166	1111

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

AWNING / CASEMENT WINDOW

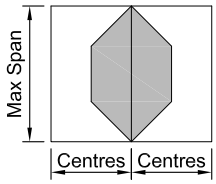
SPAN TABLES

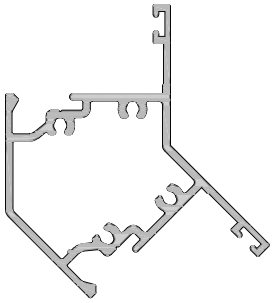
CAD REF. VAWST03-0

DATE 01.04.19

SCALE NTS

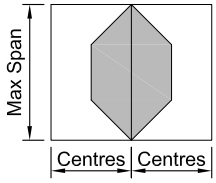
Extrusion: 05157
Description: 45° Corner Post

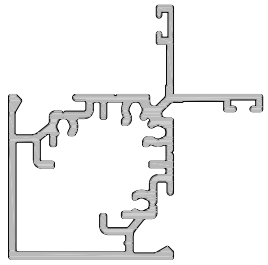




	Spans for each wind zone				
Centres	Low	Medium	High	Very High	Extra High
500	1973	1796	1600	1473	1385
600	1867	1701	1517	1400	1317
700	1785	1629	1456	1346	1268
800	1722	1574	1411	1307	1232
900	1673	1532	1377	1279	1196
1000	1635	1501	1353	1260	1174
1100	1606	1478	1337	1246	1163
1200	1585	1462	1328	1238	1161
1300	1570	1452	1324	1238	1161
1400	1560	1448	1324	1238	1161
1500	1556	1447	1324	1238	1161

Extrusion: 05158
Description: 90° Corner Post





	Spans for each wind zone				
Centres	Low	Medium	High	Very High	Extra High
500	2140	1948	1734	1595	1455
600	2023	1843	1643	1473	1347
700	1933	1763	1561	1386	1271
800	1863	1701	1484	1323	1218
900	1807	1653	1428	1279	1183
1000	1763	1609	1388	1250	1162
1100	1728	1566	1360	1234	1152
1200	1702	1536	1344	1227	1151
1300	1682	1516	1337	1227	1151
1400	1668	1505	1337	1227	1151
1500	1659	1501	1337	1227	1151

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