



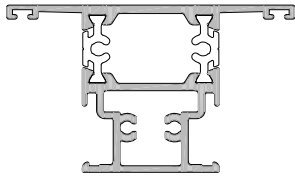
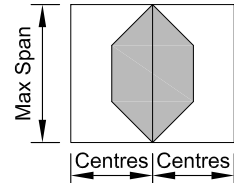
**METRO THERMAL HEART
AWNING WINDOW
SPAN TABLES**

CAD REF. VTAW03-0

DATE
01.10.16

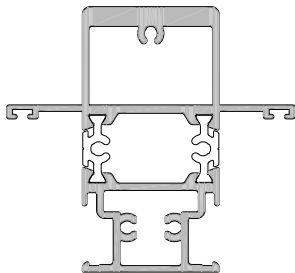
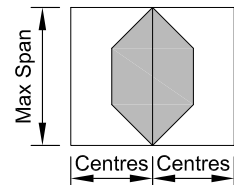
SCALE
NTS

**Extrusion: 92060
Description: Light Mullion**



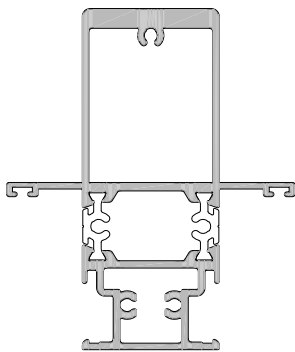
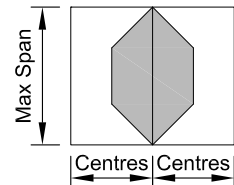
| Centres | Spans for each wind zone | | | |
|---------|--------------------------|--------|------|-----------|
| | Low | Medium | High | Very High |
| 500 | 2146 | 1958 | 1745 | 1610 |
| 600 | 2030 | 1854 | 1655 | 1529 |
| 800 | 1866 | 1708 | 1530 | 1418 |
| 900 | 1806 | 1655 | 1485 | 1378 |
| 1100 | 1712 | 1573 | 1417 | 1319 |
| 1200 | 1675 | 1541 | 1390 | 1296 |
| 1400 | 1615 | 1489 | 1356 | 1275 |
| 1500 | 1590 | 1473 | 1351 | 1270 |
| 1700 | 1568 | 1463 | 1341 | 1260 |
| 1800 | 1563 | 1458 | 1336 | 1255 |
| 2000 | 1553 | 1448 | 1326 | 1245 |

**Extrusion: 92070
Description: Medium Mullion**



| Centres | Spans for each wind zone | | | |
|---------|--------------------------|--------|------|-----------|
| | Low | Medium | High | Very High |
| 500 | 3221 | 2934 | 2608 | 2401 |
| 600 | 3038 | 2769 | 2463 | 2269 |
| 800 | 2775 | 2532 | 2256 | 2081 |
| 900 | 2676 | 2443 | 2178 | 2011 |
| 1100 | 2519 | 2302 | 2057 | 1903 |
| 1200 | 2456 | 2246 | 2009 | 1859 |
| 1400 | 2350 | 2152 | 1929 | 1788 |
| 1500 | 2305 | 2113 | 1895 | 1758 |
| 1700 | 2229 | 2045 | 1838 | 1708 |
| 1800 | 2195 | 2016 | 1813 | 1706 |
| 2000 | 2137 | 1971 | 1806 | 1696 |

**Extrusion: 92080
Description: Heavy Mullion**



| Centres | Spans for each wind zone | | | |
|---------|--------------------------|--------|------|-----------|
| | Low | Medium | High | Very High |
| 500 | 4060 | 3696 | 3283 | 3021 |
| 600 | 3826 | 3484 | 3096 | 2850 |
| 800 | 3488 | 3178 | 2827 | 2605 |
| 900 | 3360 | 3063 | 2726 | 2513 |
| 1100 | 3156 | 2879 | 2566 | 2368 |
| 1200 | 3072 | 2804 | 2501 | 2309 |
| 1400 | 2932 | 2679 | 2393 | 2212 |
| 1500 | 2873 | 2626 | 2347 | 2171 |
| 1700 | 2770 | 2534 | 2268 | 2100 |
| 1800 | 2725 | 2495 | 2234 | 2070 |
| 2000 | 2646 | 2424 | 2174 | 2016 |

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



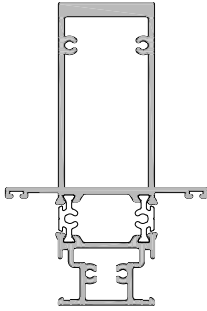
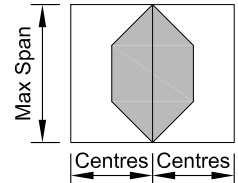
**METRO THERMAL HEART
AWNING WINDOW
SPAN TABLES**

CAD REF. VTAW04-0

DATE
01.10.20

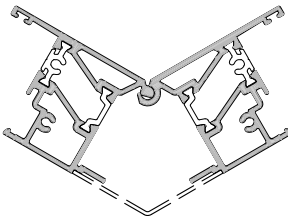
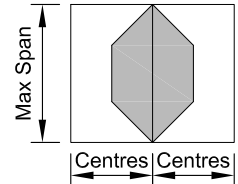
SCALE
NTS

**Extrusion: 92090
Description: Extra Heavy Duty Mullion**



| Centres | Spans for each wind zone | | | | |
|---------|--------------------------|--------|-------|-----------|------------|
| | Low | Medium | High | Very High | Extra High |
| 500 | 5107* | 4641* | 4124* | 3791* | 3558 |
| 600 | 4810* | 4372* | 3886* | 3574 | 3353 |
| 700 | 4573* | 4158* | 3697* | 3401 | 3192 |
| 800 | 4380* | 3983* | 3544 | 3261 | 3062 |
| 900 | 4218* | 3837* | 3416 | 3144 | 2937 |
| 1000 | 4081* | 3714* | 3308 | 3047 | 2802 |
| 1200 | 3859* | 3516 | 3136 | 2840 | 2597 |
| 1400 | 3690* | 3366 | 3008 | 2675 | 2455 |
| 1600 | 3558 | 3251 | 2866 | 2558 | 2357 |
| 1800 | 3454 | 3162 | 2761 | 2477 | 2293 |
| 2000 | 3373 | 3094 | 2687 | 2426 | 2257 |

**Extrusion: 92110/92120
Description: Corner Post Mullion**



| Centres | Spans for each wind zone | | | | |
|---------|--------------------------|--------|------|-----------|------------|
| | Low | Medium | High | Very High | Extra High |
| 500 | 2466 | 2243 | 1996 | 1837 | 1726 |
| 600 | 2329 | 2120 | 1888 | 1740 | 1635 |
| 700 | 2222 | 2025 | 1806 | 1666 | 1567 |
| 800 | 2137 | 1949 | 1742 | 1609 | 1508 |
| 900 | 2069 | 1890 | 1692 | 1565 | 1450 |
| 1000 | 2014 | 1842 | 1653 | 1526 | 1408 |
| 1200 | 1933 | 1774 | 1601 | 1464 | 1362 |
| 1400 | 1882 | 1735 | 1575 | 1442 | 1352 |
| 1600 | 1854 | 1717 | 1569 | 1441 | 1352 |
| 1800 | 1843 | 1715 | 1569 | 1441 | 1352 |
| 2000 | 1843 | 1715 | 1569 | 1441 | 1352 |

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 asterisk will meet code requirements but will have max deflection greater than 18mm. For advice we recommend you contact APL Technical Advisory Service