# ProTilt®

High Performance
Awning/Casement Window

**SUPERIOR WEATHER PERFORMANCE AND EXCELLENT THERMAL & ACOUSTIC GRADE.**

# High Performance Awning and Casement Windows

The ProTilt High Performance Awning and Casement Windows are ideally suited for suburban housing, multi-unit residential, hotels and commercial applications.

Featuring overlapping internal and external seals, the ProTilt Awning and Casement Window is the preferred choice where superior weather performance is required.

A range of glass thickness options from 4mm to 28mm allows the system to be configured for excellent thermal and acoustic performance.

The system can be used with a range of available stays while also offering multi-point locking options and a proprietary operator. The ProTilt seamlessly interfaces with Alspec's McArthur Evo and Hunter Evo Commercial Framing Systems.

## CAD Cross Sections



## Key Features

- Concealed multi-point locking
- Superior weather performance
- Excellent thermal and acoustic performance
- Accepts up to 16mm single glazed and up to 28mm double glazing units, allowing the designer to achieve the most demanding thermal and acoustic specifications

## Technical Specifications

| Awning Window | Without Multi-Point Locks | With Multi-Point Locks |
| --- | --- | --- |
| Max height | 1500mm | 2000mm |
| Min height | 400mm | 900mm |
| Max width | 1200mm | 1500mm |
| Min width | 500mm | 500mm |
| Max area | 1.8m² | 2.4m² |
| Max weight | 80kg | 130kg |

| Casement Window with Multi-Point Locks | |
| --- | --- |
| Max height | 2100mm |
| Min height | 900mm |
| Max width | 1000mm |
| Min width | 500mm |
| Max area | 2.0m² |
| Max weight | 45kg |

| Maximum Product Performance | |
| --- | --- |
| SLS (Pa) | 3500 |
| ULS (Pa) | 8900 |
| Water (Pa) | 1000 |

| Acoustic Performance | Single Glazed | Double Glazed |
| --- | --- | --- |
| Glass Type | Rw (C; $C_{tr}$) dB | Rw (C; $C_{tr}$) dB |
| 6.38mm Laminate | 33 (-1,-2) dB | N/A |
| 6.38mm/ 12/ 6.38mm IGU | N/A | 36 (-1,-3) dB |

| Maximum Recommended Sizes | |
| --- | --- |
| Height | 2000mm |
| Width | 1500mm |
| Weight | 130kg |
| Sash m² | 2.4 |

| Glazing Details | |
| --- | --- |
| Single Glazed | 4 - 16mm |
| Double Glazed | 24 - 28mm |

| Compatible Systems | |
| --- | --- |
| McArthur Evo Centre Pocket Framing | |
| ecoFRAMEplus Centre Pocket Double Glazed Framing | |
| Hunter Evo Flush Glazed Framing | |

BAL-40 TESTED & COMPLIANT

CYCLONIC TESTED & COMPLIANT

ACOUSTICS TESTED & COMPLIANT

AS2047 TESTED & COMPLIANT

WINDOW ENERGY RATING

## alspec
ALUMINIUM SYSTEMS SPECIALISTS