

Awning & Casement Windows



IDEAL FOR SUBURBAN HOUSING, MULTI-UNIT RESIDENTIAL AND COMMERCIAL APPLICATIONS.

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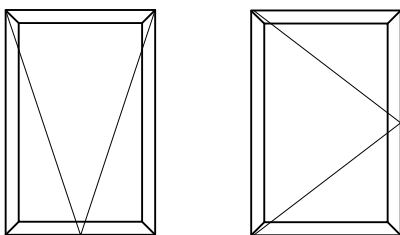
Awning and Casement Window

Alspec's range of awning and casement windows are ideal for suburban housing, multi-unit residential, hotels and commercial applications. The awnings and casements can integrate with a number of Alspec Commercial Framing systems by using different awning adaptors.

The 35mm and 50mm sashes offer the benefit of overlapping internal and external seals to achieve superior weather performance. The 443 30mm sash sits inset of the framing and can offer a flush appearance.

Various glazing options for single and double glazing are available. All awnings and casements can be used with a range of available stays and operated with chainwinders or cam handles, locking or non-locking. With the use of our chainwinder adaptor, insect and security screens can easily be added from the inside of the building.

Typical Configurations



CAD Cross Sections

Sill detail



Head detail



Key Features

- Wide range of applications
- Integration with a number of Alspec Commercial Framing systems
- Superior weather performance
- Various glazing options including double glazing
- Electric winder option

Technical Specifications

Frame Dimensions			
Option 1	Sash width 30mm		
Option 2	Sash width 35mm		
Option 3	Sash width 50mm		
Maximum Recommended Sizes			
Height (mm)	30mm	35mm	50mm
Width (mm)	1000	1200	1200
Weight	18kg	90kg	90kg
Sash SQMs	1.0	1.2	1.8

Refer to technical manual for all stay sash weights.

Maximum Product Performance	35mm	50mm
SLS (Pa)	2300	2200
ULS (Pa)	4500	5100
Water (Pa)	700	660

Thermal Performance	35mm	50mm
Uw range SG	5.9 - 6.9	5.8 - 7.2
SHGC range SG	0.26 - 0.53	0.29 - 0.51
Uw range DG	4.2 - 4.8	4.3 - 5.3
SHGC range DG	0.15 - 0.48	0.13 - 0.45

Glazing Details	30mm	35mm	50mm
Single Glazed (mm)	6	4 - 12	4 - 16
Double Glazed (mm)	18	18 - 24	24 - 30

Acoustic Performance	35mm	50mm
Glass Type	Rw (C; C _{tr})	Rw (C; C _{tr})
6.38mm Laminate	33 (-1,-2) dB	33 (-1,-2) dB
12.76mm Laminate	N/A	38 (-1, -3) dB
6.76mm Lam / 13.5 Gap / 6.76mm Lam	N/A	41 (-2, -6) dB

Compatible Systems
Derwent Centre Pocket Framing
McArthur Evo Centre Pocket Framing
ecoFRAMEplus Centre Pocket Double Glazed Framing
Hunter Evo Flush Glazed Framing
EcoWall 225 Flush Glazed Framing

