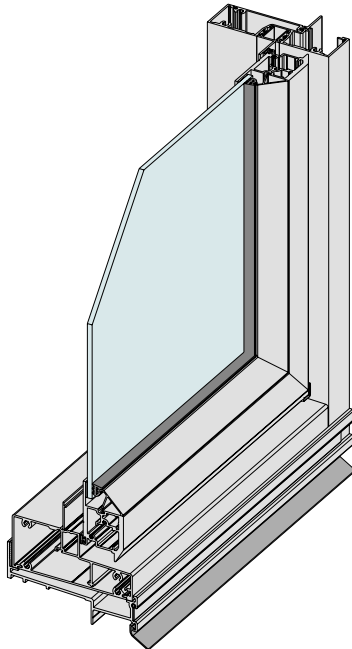




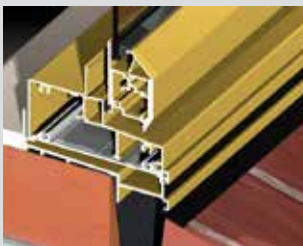
COMMERCIAL SERIES | SERIES 456

COMMERCIAL AWNING WINDOW

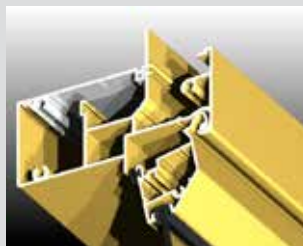


KEY FEATURES

- Residential awning sashes inlaid directly into commercial framing.
- Dedicated head and sill to accept awning sashes with manual chain winders with standard 30mm (illustrated left) or alternative 44mm nailing fin jamb.
- 44mm nailing fin frame for those projects with double glazed fixed lights.
- Complies with AS2047, with a high water resistance of 450 Pa. With a very low air infiltration that makes this product suitable for air-conditioned buildings.
- Awning sashes can be fitted with concealed electric chain winder, manual chainwinder or cam handles.
- Flyscreens can be fitted behind awning sashes with winders.
- Fixed lowlights can be glazed from the inside in elevated situations by reversing the removable glazing beads.
- Nailing fin frame makes the product suitable for cavity brick and brick veneer construction.
- Dedicated 90° and 135° corner mullions available.



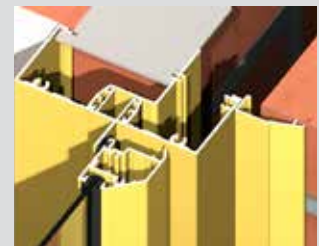
Series 456 windows come standard with integrated sub-sill. Heavy duty sash option illustrated.



Sashes hang on built-in hook hinges. Standard single glazed wrap-around sash illustrated.



Standard 30mm jamb with built-in nailing fin/ weather bar into cavity brick wall illustrated above.



Alternative bold 44mm wide jamb with built-in nailing fin/weather bar. Both 30mm standard and 44mm wide nailing fin frames will accept height adjustable galvanised building-in lugs.

GENERAL

NB: Maximum panel height and width of Awning sashes are interdependent.

Max Panel Height*
A/ @2400w = 800H
C/ 1200mm

Max Panel Width*
A/ @2100h = 900w
C/ 600mm

Max Glass Thickness
20mm

Frame Depth
102mm

ENERGY
UW Range
4.0-6.8

SHGC Range
0.27-0.61

WEATHER

Maximum water
450 Pa.

ACOUSTICS

This product has not been acoustics tested. AWS anticipates this product's acoustic performance will be in-line with Series 516.



*Dimensions subject to individual site conditions. A = Awning Configuration. C = Casement Configuration. BAL-40 compliance may limit glass options. Maximum glass size for BAL-40 products is 4.5m2.

