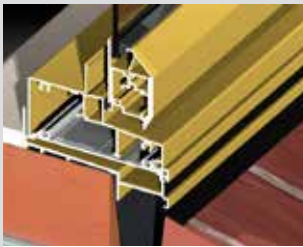
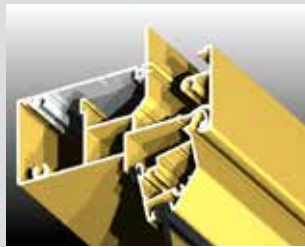


## KEY FEATURES

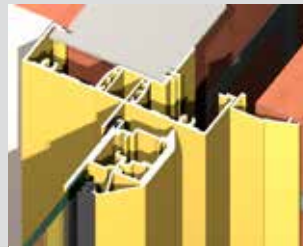
- Residential awning sashes inlaid directly into commercial framing.
- Dedicated head and sill to accept awning sashes with manual chain winders with standard 30mm (illustrated left) or alternative 44mm nailing fin jamb.
- 44mm nailing fin frame for those projects with double glazed fixed lights.
- Complies 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.

