



**Architectural Series | Series 466**  
Architectural Awning / Casement Window

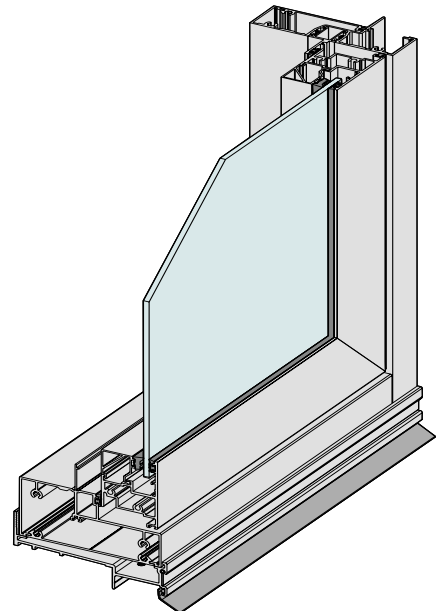


**Overview**

Series 466 is a commercial grade awning window, offering bold sash and frame design capable of supporting thick, heavy glazing options.

**Key Features**

- This 102mm thick commercial grade awning window has been designed with bold frame lines and thick (strong) sashes that can carry heavy glass including 24mm thick double glazing.
- The perimeter frame has been designed to make installation into brick veneer and cavity brick easier with built-in nailing fins (weather bars). The sub-sill that comes with this window also has a built-in nailing fin.
- This high performance awning and casement window system has been designed around custom frame and sash extrusions.
- The extra strong sashes allow large sash windows to be fabricated for high wind load areas.
- Splayed or square glazing beads available.
- Awning sashes can be fitted with cam handles, manual chain winders or concealed electric winders. The winder options suit fixed fly screen installation.
- Our heavy duty chain winder comes standard with non corrosion Polesium™ base and stainless steel chain.
- Fixed lowlights/sidelights can be single or double glazed.
- Sashes are hung on heavy duty four bar stainless steel or aluminium stays.
- Sashes will accept a variety of glass thicknesses from 4mm single panes to 24mm insulating glass units.
- Two non-facing (recessed) sash designs cover internal and external glazing.
- The nailing fin frames are suitable for brick veneer and cavity brick wall installations. Two jamb sizes 30mm standard or alternative 44mm wide.
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Maximum Panel Height	1800mm
Maximum Panel Width	1210mm
Maximum Glass Thickness	≤ 24mm

*Subject to individual site conditions. Contact AWS Technical Support for information.*



WERS RATED PRODUCT



ENHANCED ACOUSTIC PERFORMANCE



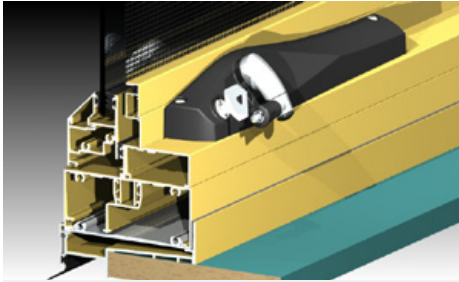
3D & 2D CAD FILES AVAILABLE



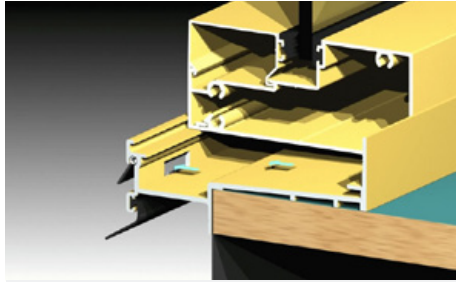
PRODUCT INFORMATION AVAILABLE AT  
[WWW.AWSCOMMERCIAL.COM.AU](http://WWW.AWSCOMMERCIAL.COM.AU)



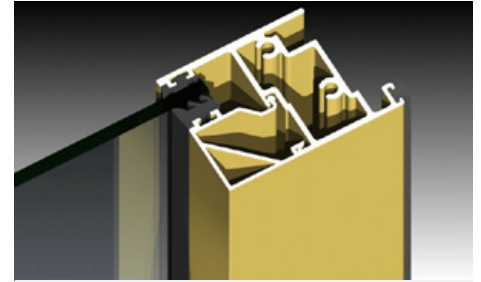
SPECIFIER ASSISTANCE AVAILABLE



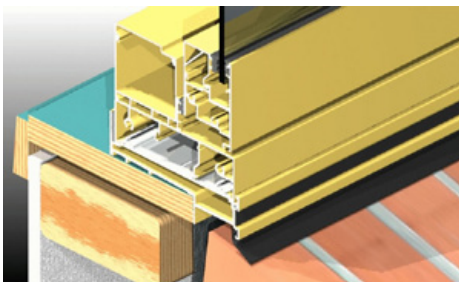
466 manual chainwinder comes standard with stainless chain, body can be coloured to match.



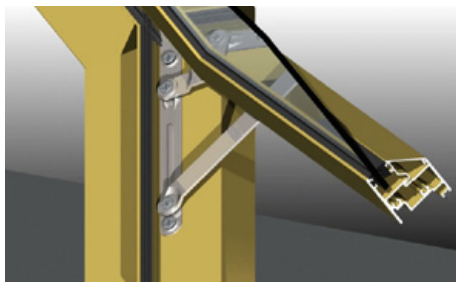
Unique self-draining sub sill designed for reveal installation if required.



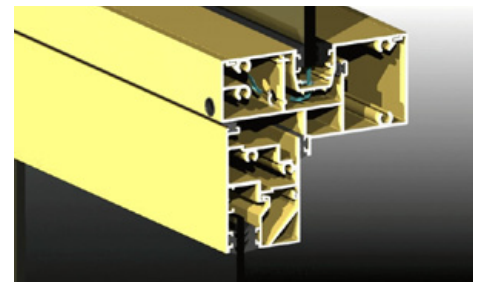
466 sashes can be supplied with internal bead or external as shown above.



Custom sub-sill (flashing tray) standard on 466 windows.



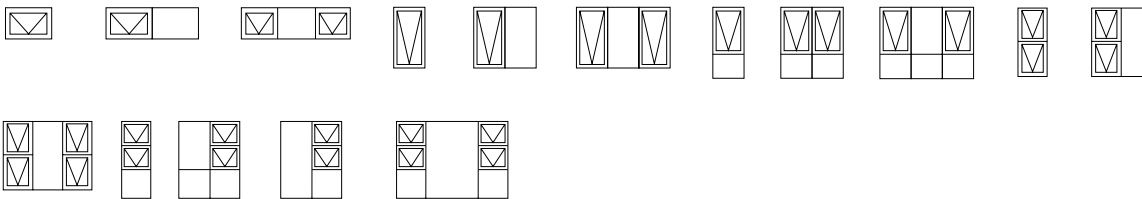
The 466 incorporates heavy duty friction or non-friction stays.



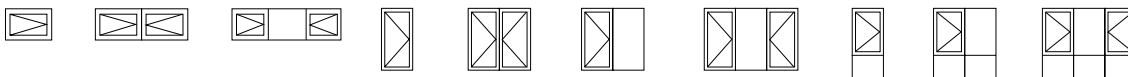
Custom head and transom with concealed drainage designed to shed water more efficiently.

**Typical Configurations**

*Awning Style*



*Casement Style*



**WERS RATINGS**

The table below lists some of the WERS rated glass and frame combinations for this system. For a complete list of all rated glass and frame combinations refer to the Series 466 WERS Data Sheet.

Glass Description	COOLING	HEATING	Uw	SHGCw	Tvw	Inf
6EVanSpB	51%	19%	6.04	0.26	0.23	0.12
10.38LamClr	45%	28%	5.85	0.37	0.38	0.12
6.38CPClr/12Ar/6	51%	49%	4.28	0.39	0.43	0.12
10.38LamGy/8Ar/6	66%	27%	4.81	0.14	0.06	0.12