



Residential Series | Series 516
Residential Awning Window

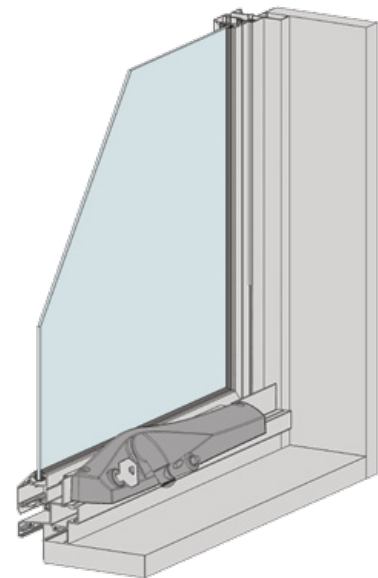


Overview

A very popular window - and for good reason. Awning windows push out effortlessly from the bottom and give ventilation with a measure of protection from unexpected passing showers. When closed, awning windows offer excellent resistance against air and moisture penetration. Series 516 Awning windows deliver 450Pa water resistance (suitable for Darwin) and have a narrow 50mm frame..

Key Features

- Successfully tested to comply with Australian Standard AS 2047.
- Optional mullion strengths cover a large variety of design wind load areas.
- Continuous hinge hood protects the top of the sash from water intrusion.
- Water resistance rating of 450Pa allows this awning window to be used in most exposed residential locations in Australia.
- Awning type sashes are fitted with heavy duty chain winders. Our manual chain winder is illustrated on the back page along with the relevant features.
- Casement type sash option available. These sashes are fitted with stainless steel friction stays and wedgeless cam handles.
- Adjoining fixed sidelights and/or lowlights have matching splayed glazing beads.
- Fixed sidelights and lowlights can be supplied with optional self draining ball valve that drains condensation water back to the outside while preventing blow backs through the drainage hole.
- Optional 20mm insulating glass available.
- Moulded nylon sash corner guards designed to protect the exposed lower corners when the awning sash is in the open position.
- Custom co-extruded Santoprene bulb seal for maximum weather performance.



Maximum Panel Height	2060mm
Maximum Panel Width	1210mm
Maximum Glass Thickness	≤ 20mm

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



WERS RATED PRODUCT



ENHANCED ACOUSTIC PERFORMANCE



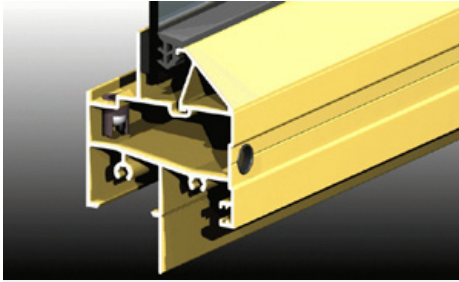
3D & 2D CAD FILES AVAILABLE



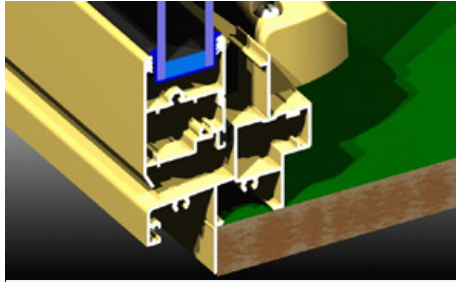
PRODUCT INFORMATION AVAILABLE AT
WWW.VANTAGEALUMINIUM.COM.AU



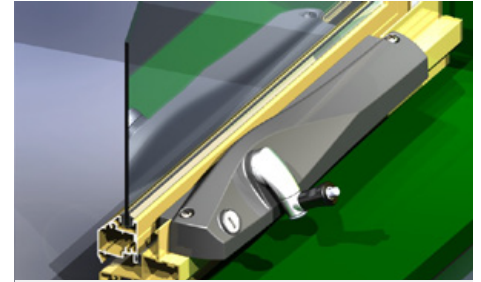
SPECIFIER ASSISTANCE AVAILABLE



If you live in a cold climate we offer an optional fixed sump sill with anti blow back ball valve to take care of condensation.



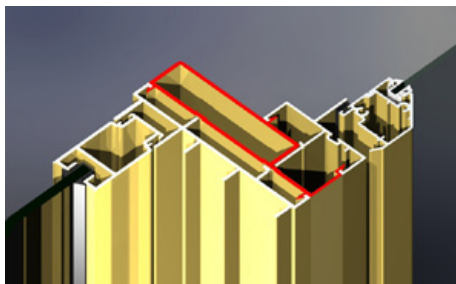
We have several sashes to choose from, the illustration above shows our custom double glazed wrap around sash. This sash will accept 20mm Insulating Glass Units.



The standard chain winder used on the 516 comes standard with a stainless steel winder and a Polesium™ cover and base. These corrosion resisting features make the winder suitable for exposed locations.



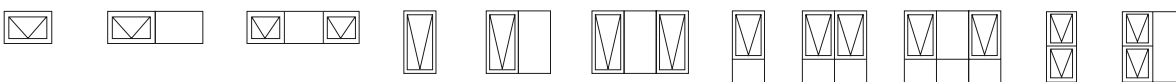
The lower corners on awning sashes are protected with nylon wrap around guards. This reduces the chance of injury if someone walks into an open sash.



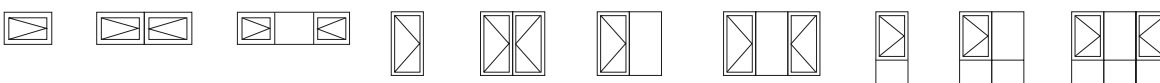
We offer an extensive range of snap fit couplers for all Vantage windows and doors. The illustration above shows an awning windows clipped to a sliding door.

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 516 WERS Data Sheet.

Glass Description	COOLING	HEATING	Uw	SHGCw	Tvw	Inf
5mm Clear	21%	31%	6.5	0.63	0.6	0.06
6.38mm Solect	38%	46%	5.0	0.52	0.59	0.06
6.38mm Comfort Plus	47%	41%	5.0	0.40	0.43	0.06
4Az/10GAP/4EA	59%	50%	3.8	0.30	0.43	0.06
5EG/8Ar/5EA	59%	51%	3.7	0.31	0.42	0.06