



Designer Series | Series 548
High Performance Hinged Door

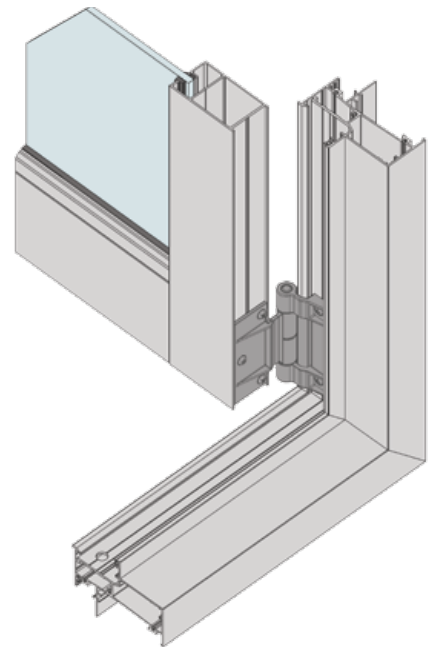


Overview

Series 548 High Performance hinged doors can be configured as single or double doors. When used in a double door application, a true rebated meeting style is used for a flush appearance. Doors are designed to accept high quality architectural hardware and glass thicknesses up to 20mm.

Key Features

- Hinged doors unlike sliding doors are not included in the current Australian Standard AS2047 and many manufacturers take advantage and do not test them. But this will not console any customer when water floods across their expensive carpeted floors. The solution would be to tile the floor behind the hinged door and supply the home owner with a mop and bucket or preferably fit a Vantage Series 548 external swing hinged door has been successfully tested to 300Pa water resistance and the internal swing door to 150Pa. These two water ratings would allow you to install these doors in exposed locations. We also offer lowline sills for high traffic areas.
- The Vantage Series 548 Hinged door features an unusual design embellishment - extra wide top and bottom rails that give the door the chunky appearance of traditional timber designs. This strength of appearance is also backed up by true structural integrity. Vantage Series 548 doors feature a thoughtful but invisible innovation - specially designed backing plates at the four corner joints of the door to make sure that the door stays rigid and square. Compare our door with others available and you will see what we mean about strength and rigidity.
- Rebated door stiles give a flush appearance when the two doors meet and provide superior weather protection. Unsightly applied rebates are eliminated.
- Concealed lock keeper specially designed to fit in the cavity on the leading edge of the "lazy side" door and eliminates unsightly holes milled in the aluminium for latch and lock bolt. This recessed keeper plus the rebated stile makes it extremely difficult for intruders to access the latch and bolt for forced entry.
- Doors can be supplied with standard or multi point lever lock installed in the door stile or with a tulip knob lock placed in a door chair rail.



Maximum Panel Height	2350mm
Maximum Panel Width	900mm
Maximum Glass Thickness	≤ 20mm

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



WERS RATED PRODUCT



ENHANCED ACOUSTIC PERFORMANCE



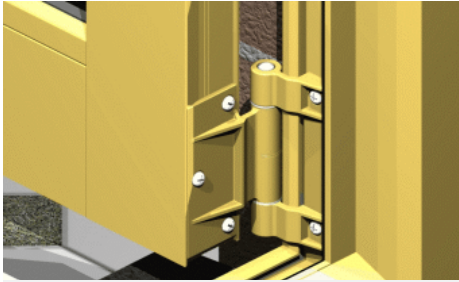
3D & 2D CAD FILES AVAILABLE



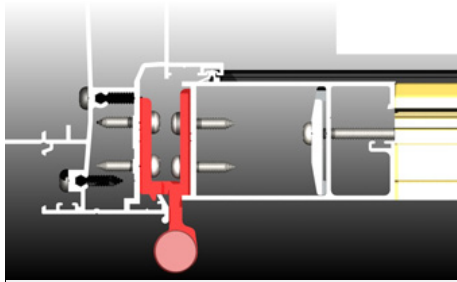
PRODUCT INFORMATION AVAILABLE AT
WWW.VANTAGEALUMINIUM.COM.AU



SPECIFIER ASSISTANCE AVAILABLE



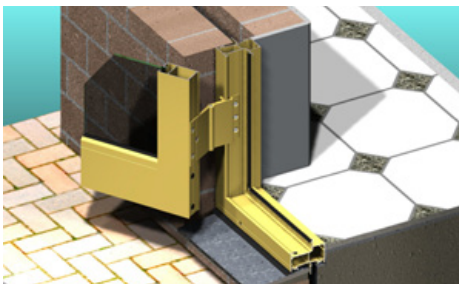
Heavy duty hinges: Custom light zinc die case or heavy duty extruded stoppage hinge nests into the frame and door stile. This significantly increases the hinge strength which is important when doors are large and/or heavy.



The heavy duty extruded aluminium hinge nests into the frame recess. We offer a large range of standard and special powder coat colours to match the main frame.

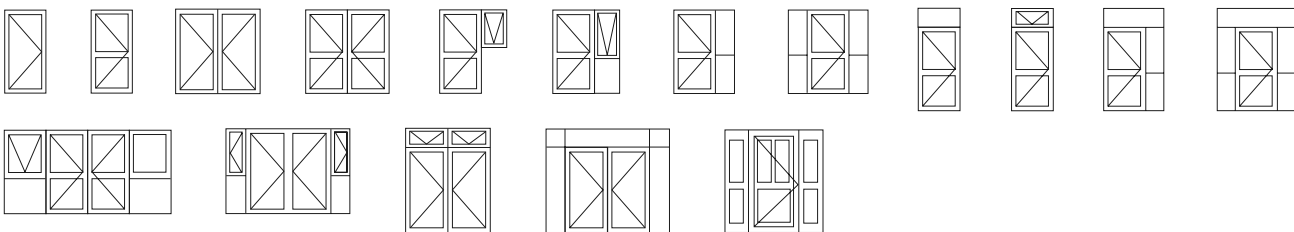


The above picture shows the optional 316 marine grade stainless steel ICON™ level lock system. We offer 3 different design options for level lock sets and bi-fold activators.



Right Open: Fitting custom parliament hinges to French doors (80mm frame) allows panels to be opened back 180° to the wall lining.

Typical Configurations



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 548 WERS Data Sheet.

Glass Description	COOLING	HEATING	Uw	SHGCw	Tvw	Inf
5mm Clear	29%	15%	6.0	0.57	0.58	0.80
5mm Grey	40%	8%	6.0	0.42	0.32	0.80
6.38mm Comfort Plus	52%	23%	4.5	0.35	0.38	0.80
4Az/10Gap/4EA	60%	28%	3.8	0.28	0.40	0.80
4/10Ar/4EA	48%	41%	3.6	0.48	0.48	0.80