



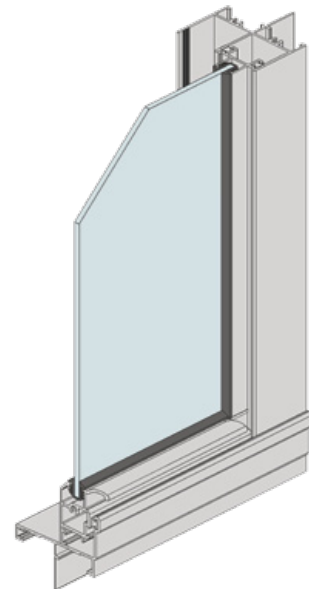
Residential Series | Series 514 Residential Double Hung Window

Overview

Mirroring traditional solid timber windows in appearance, the 514 double hung window offers classic style with the functional benefits of the aluminium. Some of the practical features of these windows are that they do not protrude over decks or walkways and are a superb window for ventilation.

Key Features

- Successfully tested for compliance with AS 2047.
- Optional mullion and transom strengths cover a large variety of design wind load areas.
- Finger grip built into the top and bottom sash rails.
- The same frame can be used for double-hung or fixed sidelights in standard wrap around glazing or individually glazed federation sashes.
- Sashes will bypass each other to allow cleaning of all glass from inside the building.
- Series 514 double-hung sashes can be secured with our custom designed cam lock or industry standard crescent type lock. Both versions come in key and non-key locking. For a small extra cost the locks can be colour matched to the window frame.
- Sashes run on spring balances with adjustable shoes.
- Heavy duty interlocking meeting rails.
- Sash support shoe is recessed up into the external meeting rail and the bottom rail to reduce the chance of shoe damage. This is particularly relevant when the top sash is fully opened and strikes the sash stop (basically the side rails hit the stops not the shoes).
- Fixed sill has built-in drainage to take care of condensation.
- Fixed glass is hard up against the outer face, no ledges to catch dust and beaded from the inside, this allows reglazing without expensive scaffolding.
- We have an extensive range of snap couplers for this window, 90°, 135° and 180° that allow the window to be coupled to window or doors without unsightly rivets & screws.



Maximum Panel Height	1050mm
Maximum Panel Width	1010mm
Maximum Glass Thickness	≤ 7.52mm

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



WERS RATED PRODUCT



ENHANCED ACOUSTIC PERFORMANCE



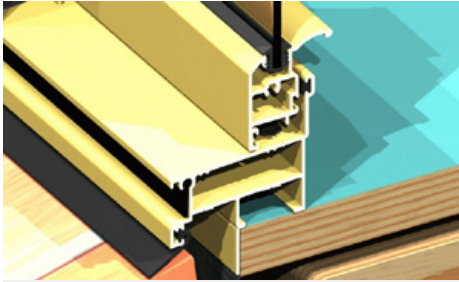
3D & 2D CAD FILES AVAILABLE



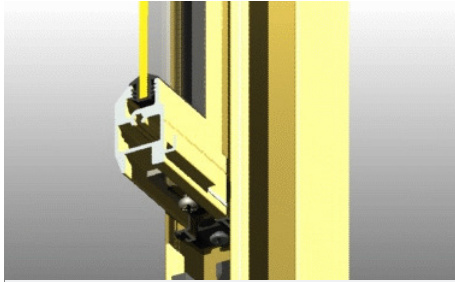
PRODUCT INFORMATION AVAILABLE AT
WWW.VANTAGEALUMINIUM.COM.AU



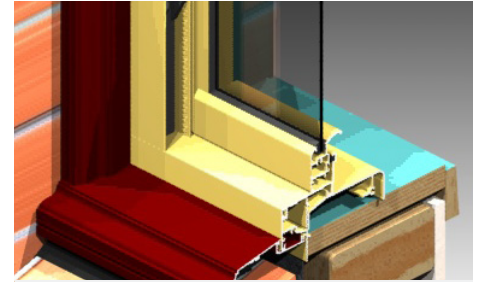
SPECIFIER ASSISTANCE AVAILABLE



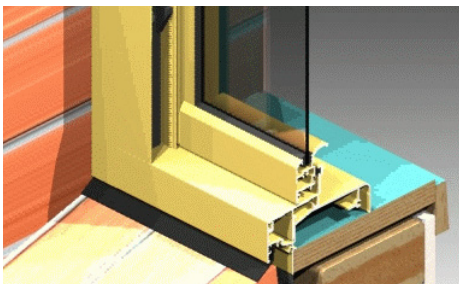
Our standard sill performs well and is suitable for most residential locations. We also offer a tubular sump sill, show above, for exposed locations.



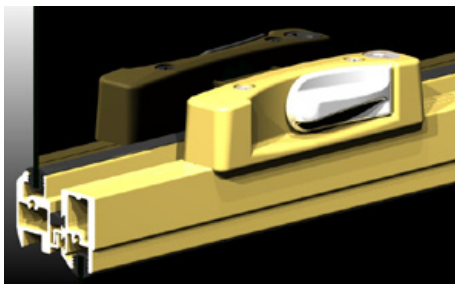
Above shows our heavy duty meeting rail and the recessed sash support shoe. Recessing the shoe is important, in that it protects the shoe when the sash is fully opened down to the sash stop,



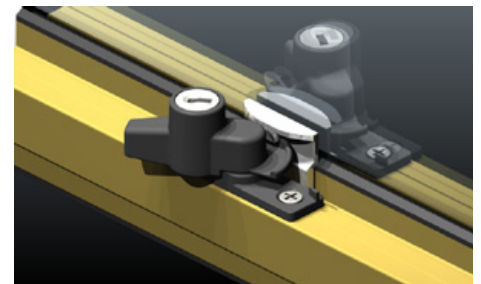
Above shows the ultimate frame finish with Longreach frame extender and the 'Paddington' federation trims. The 'Paddington' trims can be coloured to match, or contrast as shown above.



If you are looking for a bold frame section, consider ordering your 514 with the Longreach frame extender. The frame now grows in thickness from 50mm to 102mm and grows in width by 25mm all round.

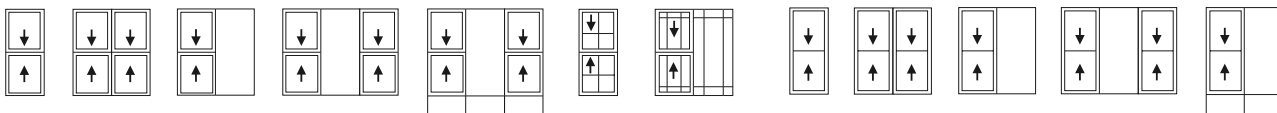


Custom lock option. Roll the chrome handle over 180 ° to lock/unlock. This illustration also shows the heavy meeting stiles used on Series 453 double-hung windows.



Alternative crescent type sash lock available.

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 514 WERS Data Sheet.

Glass Description	COOLING	HEATING	Uw	SHGCw	Tvw	Inf
3mm Clear	12%	20%	6.2	0.73	0.75	0.96
5mm Clear	15%	20%	6.1	0.71	0.74	0.96
5mm EverGreen	35%	10%	6.1	0.49	0.61	0.96
5mm Grey	32%	12%	6.1	0.52	0.42	0.96
6.38mm Select	37%	38%	4.2	0.58	0.69	0.96