



Residential Series | Series 542 DStacker™ Sliding Door

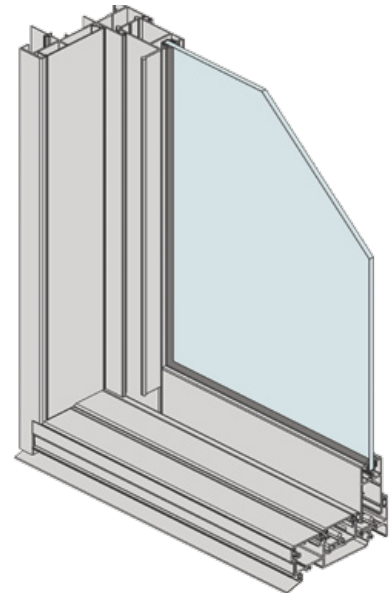


Overview

Sliding doors have earned a reputation as the most versatile and practical door type for access to decks and patios. They also score highly for delivering expansive views while remaining cost effective. Series 542 Sliders can be specified in a range of configurations with two-panel sliders and three-panel stacking systems very popular.

Key Features

- High water resistance of 300Pa allows these doors to be installed into most residential locations.
- This door can be fabricated as a multi panel stacker with clean flat sill where all unwanted recess are closed off with snap-on fillers. We have a stacking screen door system to go with the glass doors.
- The 108.60mm wide perimeter frame will couple to a large variety of Vantage adaptors: 180° door to window vertical coupler, 135° door to window bay coupler, 90° door to window bay coupler, door highlight couplers.
- Flat external fillers create a clean closed off frame appearance. On the sill the infills guide water away from the door panels and improve water resistance.
- Door panels can be glazed with thick or insulating glass. We have dedicated stiles for glass up to 16mm thick and an inlay adaptor to accept 20mm Insulating glass units.
- A large variety of locks are available including multi-point mortice lock.
- Heavy door panels can be fitted with double bogey wheels for smooth long term operation. Running rails can be replaced in the future if necessary.
- The item that get the most use on a residential sliding door is the screen door. With this in mind we have designed a screen door system to suit, the main features are:
 - Heavy duty spring loaded wheels top and bottom.
 - Snap fit trailing style interlocker, refer back page.
 - Matching hardware.



Maximum Panel Height	2650mm
Maximum Panel Width	1350mm
Maximum Glass Thickness	≤ 20mm

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



WERS RATED PRODUCT



ENHANCED ACOUSTIC PERFORMANCE



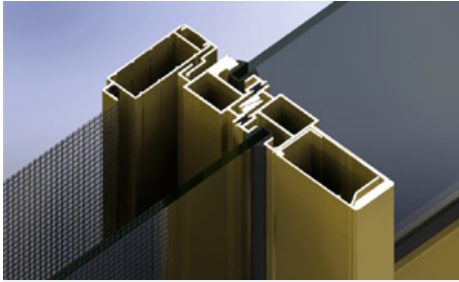
3D & 2D CAD FILES AVAILABLE



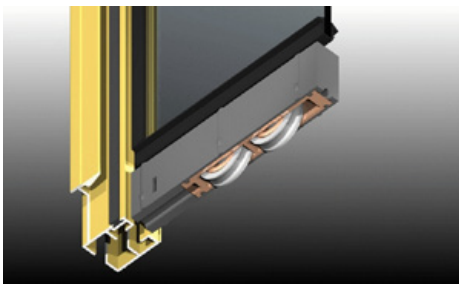
PRODUCT INFORMATION AVAILABLE AT
WWW.VANTAGEALUMINIUM.COM.AU



SPECIFIER ASSISTANCE AVAILABLE



A key feature of the 541 is the clean fly door installation. The screens have a snap-on interlock that nest into the interlock on the glass door. This removes unsightly rivets and screws that would normally occur with plant-on interlock.



Vantage wheels have been designed to fit snugly into the door bottom rail. Nothing slides as smooth as a Vantage sliding door. As above, double bogey wheels are used on heavy doors.

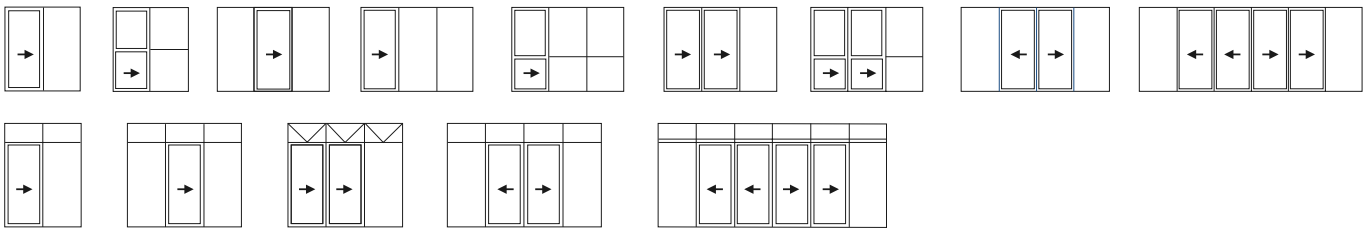


The ANDO™ optional 2-point door lock is designed for maximum security with 316 stainless steel locking tongues. The outer pull handles are corrosion resistant 304 powder coated stainless steel.



The ANDO™ standard door lock has been designed the other Vantage ANDO™ hardware. A powder coated, 304 stainless steel outer pull handle is standard.

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 542 WERS Data Sheet.

Glass Description	COOLING	HEATING	Uw	SHGCw	Tvw	Inf
5mm Grey	31%	10%	6.2	0.53	0.43	1.65
5mm EverGreen	34%	8%	6.2	0.49	0.62	1.65
6.38mm Comfort Plus	47%	30%	4.3	0.44	0.50	1.65
4Az/10GAP/4EA	59%	35%	3.4	0.33	0.49	1.65
4Clr/10GAP/4EA	42%	47%	3.4	0.56	0.59	1.65