



Designer Series | Series 601
MAGNUM™ Sliding Window

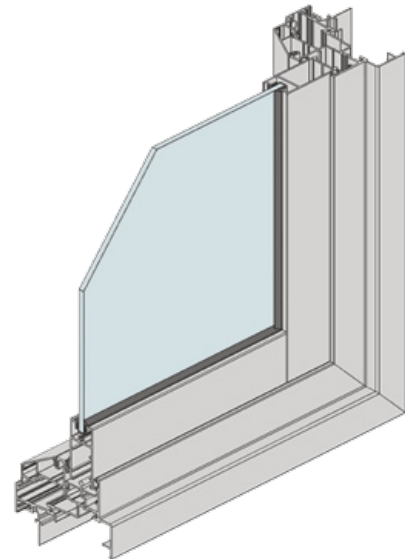


Overview

Series 601 sliding windows incorporate clean, bold lines for a truly architectural appearance. Large wide panels can be achieved with integrated fly screen options. Sashes on heavy duty wheel carriages for smooth operation.

Key Features

- This 102mm thick high performance sliding window has a soft 2mm diameter radius on inner edge and mitred main frame. The advantages of the 2mm internal radius can be seen on the illustration on the back of this page.
- Tested for compliance with Australian Standards and achieved a very high water resistance of 450Pa, making the product suitable for most applications including multi storey apartments.
- The extra strong meeting stiles allow large sliding windows to be fabricated in high wind load areas.
- Clean splayed and rounded lines for improved visual appearance.
- A large variety of window combinations are possible (SF, FS, SFS or FSSF) with and without highlights/lowlights.
- Is compatible with all Designer Series windows and doors.
- A large range of snap couplers allow joining at 90°, 135° and 180° without unsightly rivets or screws.
- Opening sashes can be fitted with surface or mortice deadlocks.
- Sashes run on large diameter, heavy duty wheel carriages, including double bogey for very heavy sashes.
- Co-extruded PVC sill seal keeps water out of the system.
- Built-in proprietary ball valve drainage to transfer any water that may get into the drainage trough to the tubular sump sill, this valve also reduces blow-back through the hooded external drainage holes.
- Threshold and snap-in flat filler ensures clean aesthetics.
- Sashes and sidelights will accept a variety of glass thicknesses from 4mm to 20mm insulating glass units.



Maximum Panel Height	1946mm
Maximum Panel Width	1356mm
Maximum Glass Thickness	≤ 20mm

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



WERS RATED PRODUCT



ENHANCED ACOUSTIC PERFORMANCE



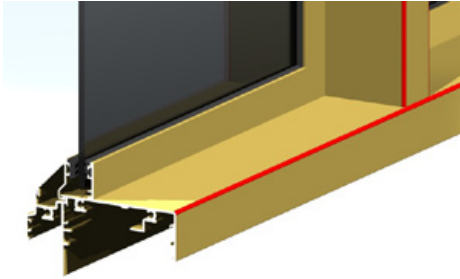
3D & 2D CAD FILES AVAILABLE



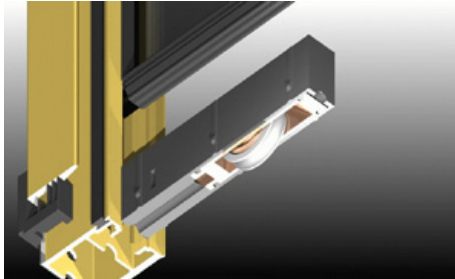
PRODUCT INFORMATION AVAILABLE AT
WWW.VANTAGEALUMINIUM.COM.AU



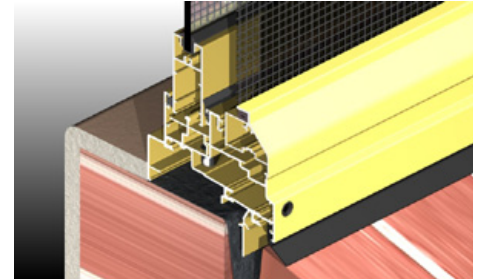
SPECIFIER ASSISTANCE AVAILABLE



This illustration highlights one of the features of the 601 - the 2mm soft radius on the inner edge. We recess the mullions 2mm to clear the perimeter frame edge radius. This removes the chance of unsightly edge joints.



The key to making high performance sliding windows is to use large diameter, high performance wheels. We use sliding door wheels in the 601 and when the panels are double glazed or extra heavy, we use double bogey wheels.



We have designed a custom splayed fyscreen frame to match the adjoining splayed fixed light glazing beads.



Custom ANDO™ mortice lock with push button release. Face plate coloured to match.

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 601 WERS Data Sheet.

Glass Description	COOLING	HEATING	Uw	SHGCw	Tvw	Inf
4mm Clear	22%	11%	6.4	0.63	0.64	1.75
5mm Clear	22%	12%	6.4	0.62	0.64	1.75
5mm EverGreen	38%	3%	6.4	0.43	0.53	1.75
6.38mm Laminate	26%	12%	6.3	0.59	0.64	1.75
6.38mm Solace	40%	27%	4.8	0.51	0.59	1.75