



Designer Series | Series 602
MAGNUM™ Sliding Window

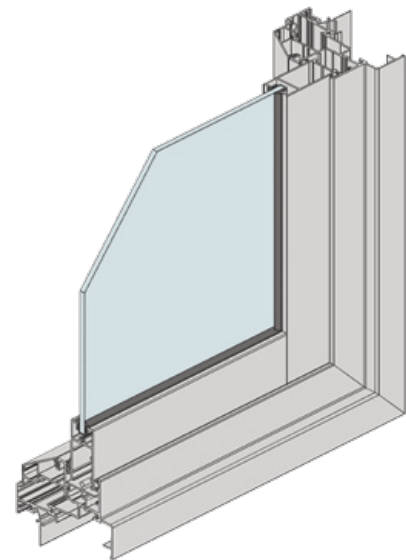


Overview

Series 602 sliding windows incorporate clean, bold lines for a truly architectural appearance. This system utilises a double sash design. Large wide panels can be achieved with integrate 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 the relevant 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.
- Double sash design with the external sash fixed.
- Both fixed and opening sashes can be installed, replaced and/or reglazed from inside the building.
- Compatible with the high performance MAGNUM™ awnings, casements, double-hung and ClearVENT™ sashless double-hung windows. A large range of snap couplers allow joining at 90°, 135° and 180° without unsightly rivets or screws.
- These couplers would also allow this window to couple to bi-fold windows, bi-fold doors, french doors, sliding doors. Sliders can be fitted with surface or mortice deadlocks.
- Sashes run on heavy duty wheel carriages.
- Co-extruded PVC sill seal keeps water out of the system. We have built-in our proprietry 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 external drainage holes.
- Sashes and sidelights will accept a variety of glass thicknesses from 4mm to 20mm insulating glass units. Dedicated sash rail and stiles for 16mm IGU's.



Maximum Panel Height	1846mm
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



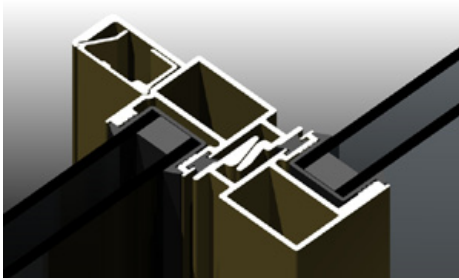
3D & 2D CAD FILES AVAILABLE



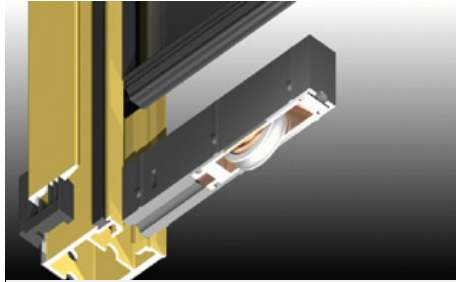
PRODUCT INFORMATION AVAILABLE AT
WWW.VANTAGEALUMINIUM.COM.AU



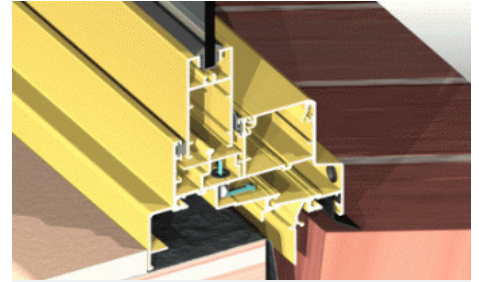
SPECIFIER ASSISTANCE AVAILABLE



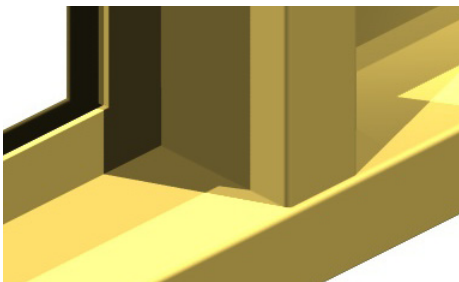
We have dedicated panels that will accept a variety of glass thicknesses. The 16mm IGU shown above is one of the options.



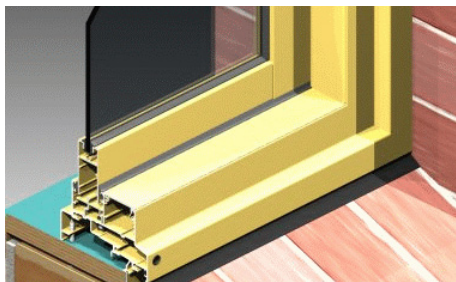
The key to making high performance sliding windows is to use large diameter, high performance wheels. We use sliding door wheels in the 601 and when the panels are double glazed or extra heavy, we use double bogey wheels.



Sill fitted with anti blow back ball valve. This allows water to escape whilst controlling the air flow.



This illustration highlights one of the features on the 602 - 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 bold, chunky square frame and sash has been designed to go into cavity brick and brick veneer as illustrated above.



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 602 WERS Data Sheet.

Glass Description	COOLING	HEATING	Uw	SHGCw	Tvw	Inf
5mm Clear	22%	12%	6.4	0.62	0.64	1.75
6.38mm Laminate	26%	12%	6.3	0.59	0.64	1.75
6.38mm Comfort Plus	48%	21%	4.8	0.39	0.42	1.75
4Clr/10GAP/4Clr	47%	33%	4.1	0.45	0.45	1.75
4Clr/10Ar/4EA	48%	35%	3.9	0.45	0.45	1.75