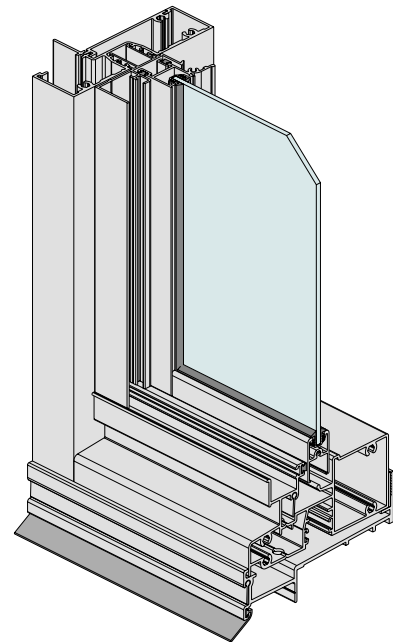




Commercial Series | Series 452 Commercial Sliding Window

Key Features

- The 17mm thick sliding window sashes have been fitted into CentreGLAZE™ commercial framing using custom head and sill and an inlay adaptor that snaps into CentreGLAZE™ frame as shown right.
- Double sash design with the external sash fixed.
- Both fixed and opening sashes can be installed, replaced and/or reglazed from inside the building. This could be an important feature in elevated situations.
- There is a large variety of window combinations possible (SF, FS, SFS or FSSF) with and without highlights/lowlights.
- 102mm x 44mm head and sill, 102mm x 30mm jamb, 44mm mullion and 44mm transom match CentreGLAZE™ commercial framing.
- The wide (102mm x 44mm) jamb can also be used on this window.
- Sliding sashes can be fitted with a variety of latches and locks including centre multi point lock.
- The ventilation lock allows the opening sash to be key locked in the closed and partly open (ventilation) position.
- Flyscreens can be clipped into the frame without unsightly rivets, metal clips or turnbuckles.
- Sashes will accept glass up to 6.76mm thick.
- Fixed lowlights can be glazed from the inside in elevated situations by reversing the removable glazing beads and fitting custom captive wedge to the outside.
- 30mm Nailing fin frame is standard on Series 452. The nailing fin (weather bar) is an important part of the window in that it protects the internal linings and wall from water intrusion. The nailing fin also gives us a fixing point for timber reveals on brick veneer wall construction. On cavity brick construction the frame accepts height adjustable building-in lugs. These are the features that make installation and weather resistance possible.
- The custom sub-sill fitted under Series 452 windows is standard and comes with a couple of significant features:
 - Integrated nailing fin to accept timber reveal.
 - Co-extruded Santoprene anti blow back flap covering the sub-sill drainage slots.
 - Flexible PVC sill flap on the outer edge of the sub-sill to cater for possible future building settlement.
 - AWS always recommend sub-sills under commercial products.



Maximum Panel Height	1600mm
Maximum Panel Width	900mm
Maximum Glass Thickness	≤ 20mm

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



WERS RATED PRODUCT



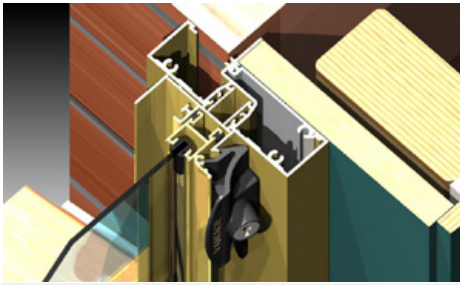
3D & 2D CAD FILES AVAILABLE



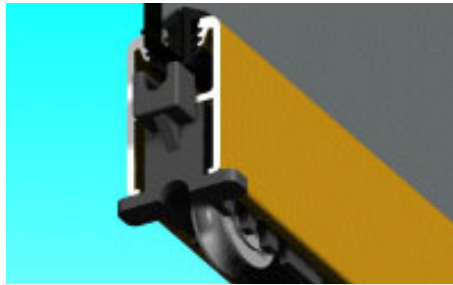
PRODUCT INFORMATION AVAILABLE AT
WWW.AWSCOMMERCIAL.COM.AU



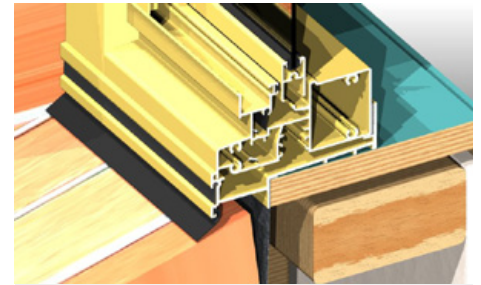
SPECIFIER ASSISTANCE AVAILABLE



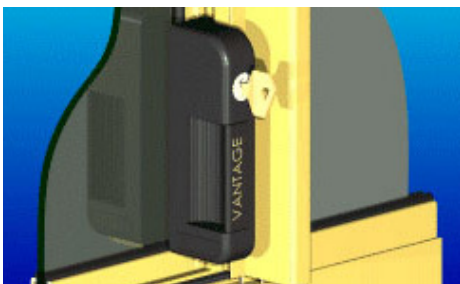
Built-in nailing fin makes installation into cavity brick with height adjustable building-in lugs and into brick veneer walls with timber reveals as shown above possible.



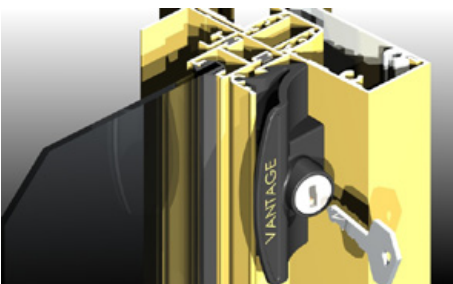
Large diameter wheels used on this window ensure smooth operation for years to come. Compare our wheels with the others. The bigger the diameter the better.



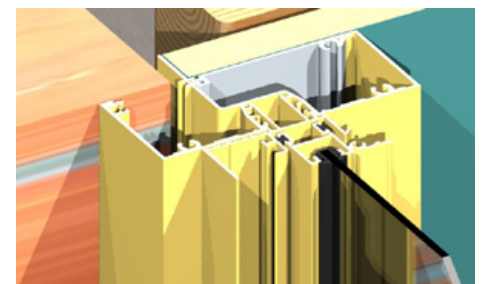
Sub-sills are standard on Series 452.



Multi point key lock option can be fitted to the centre meeting stiles. When you turn the lock key part of the centre meeting stile is thrown into a keeper located in the head. Window can be locked closed or partly open.

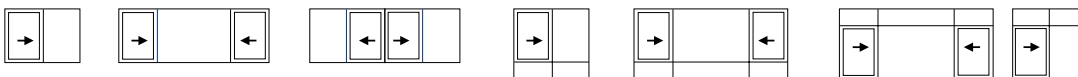


Jamb key locking also available.



Alternative 44mm wide jamb 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 452 WERS Data Sheet.

Single Glazed

Glass Description	COOLING	HEATING	Uw	SHGCw	Tvw	Inf
6EVanGy	50%	14%	5.21	0.34	0.25	1.61
6EVanSpB	53%	11%	5.21	0.30	0.31	1.61
6.38CPClr	35%	27%	5.04	0.56	0.65	1.61
6.38CPGn	46%	20%	5.04	0.41	0.56	1.61

Double Glazed

Glass Description	COOLING	HEATING	Uw	SHGCw	Tvw	Inf
3/12Ar/3ET	43%	40%	3.87	0.53	0.53	1.61
4/10Ar/4ET	44%	39%	3.90	0.52	0.53	1.61
5SG/8Ar/5ET	58%	27%	4.02	0.31	0.43	1.61