



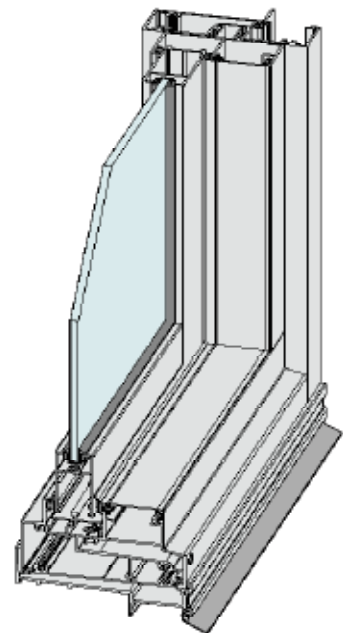
**Architectural Series | Series 462**  
**Architectural Sliding Window (double sash design)**

**Overview**

Series 462 is a commercial grade sliding window, offering bold sash and frame design capable of supporting thick, heavy glazing options.

**Key Features**

- This 102mm thick commercial grade sliding window has been designed with bold frame lines and thick (strong) sashes that can carry thick heavy glass including double glazing.
- The perimeter frame has been designed to make installation into brick veneer and cavity brick easier with built-in nailing fins (weather bars). The sub-sill that comes with this window also has a built-in nailing fin.
- The extra strong sashes allow large sash windows to be fabricated for 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. This could be an important feature in elevated situations.
- Large variety of window combinations possible (SF, FS, SFS, SS or FSSF) with and without highlights and or lowlights.
- 102mm x 44mm head and sill, 102mm x 30mm jamb, 44mm mullion and 44mm transoms match.
- Sliders can be fitted with surface or mortice deadlocks.
- Sashes run on heavy duty wheel carriages.
- Flyscreens can be fitted - fly screen frames (25 x 11) fit into window using custom frame trims to accept the screen.
- When there is no requirement for flyscreens frame is fitted with cavity closers so there are no unwanted recesses to catch dust or water.
- 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.
- Will resist up to 300Pa water infiltration and comply with air conditioning requirements.



Maximum Panel Height	1600mm
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



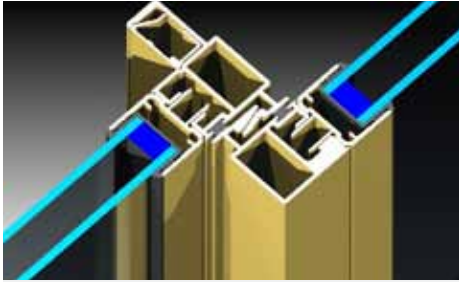
3D & 2D CAD FILES AVAILABLE



PRODUCT INFORMATION AVAILABLE AT  
[WWW.ELEVATEALUMINIUM.COM.AU](http://WWW.ELEVATEALUMINIUM.COM.AU)



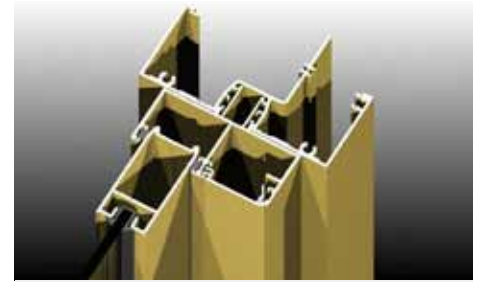
SPECIFIER ASSISTANCE AVAILABLE



The 462 can accept varying thicknesses of glass, up to 20mm thick as shown above.



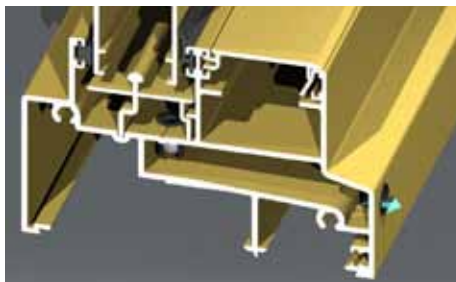
Custom ANDO™ mortice lock with push button release. Face plate coloured to match.



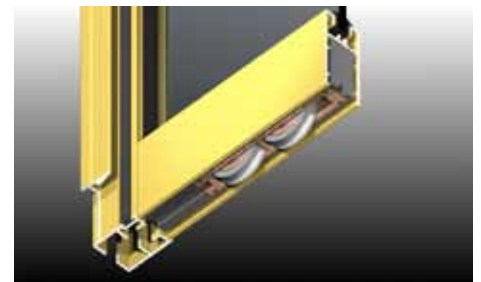
Dedicated jambs enhance bold framing.



Most AWS Commercial products can incorporate nailing fins for residential construction.

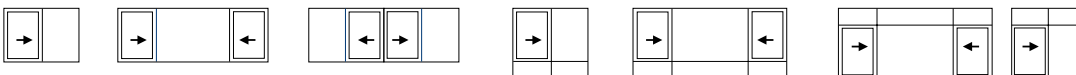


Patented Sill drainage.



Sashes slide on extra heavy duty, large diameter wheels.

### 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 462 WERS Data Sheet.

#### Single Glazed

Glass Description	Uw	SHGCw	Tvw	Inf
6.38Sct	4.25	0.54	0.63	1.15
6EVanClr	4.57	0.48	0.49	1.15
6EVanSpB	4.57	0.28	0.29	1.15
6EVanSpGn	4.57	0.28	0.35	1.15

#### Double Glazed

Glass Description	Uw	SHGCw	Tvw	Inf
4/10/4ET	3.49	0.52	0.54	1.15
4/10Ar/4ET	3.28	0.52	0.54	1.15
4Az/10/4ET	3.48	0.31	0.45	1.15
5SG/8Ar/5ET	3.39	0.32	0.44	1.15