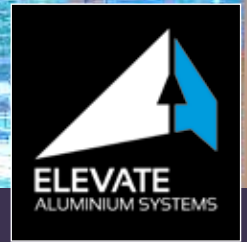




**Commercial Series | Series 453**  
**Commercial Double Hung Window**

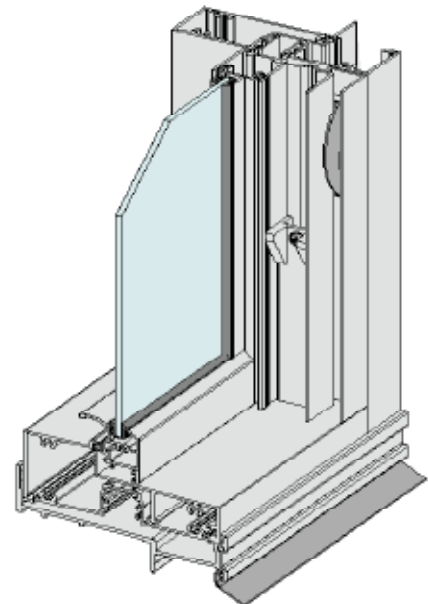


**Overview**

Series 453 incorporates the basic Double-Hung residential sashes into bold square commercial framing with dedicated head, sill and jamb adaptors. A popular choice in both residential and commercial building applications. Some of the practical features of these windows are that they do not protrude over decks or walkways and are a superb window for ventilation.

**Key Features**

- Vertical sliding double-hung sashes inlaid directly into commercial framing.
- Flyscreens tuck into dedicated recess in the jamb inlay adaptor, supported with concealed nylon clips.
- Complies with AS2047. High water resistance 200Pa.
- Sashes will bypass each other to allow cleaning of all glass from inside the building.
- Custom heavy duty key lockable catch with die cast keeper.
- Sashes will accept glass up to 6.76mm thick.
- Standard 30mm nailing fin jamb as illustrated right or alternative 44mm wide jamb.
- 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.
- Nailing fin frame makes the product suitable for cavity brick and brick veneer construction.
- Matching horizontal sliding sashes into commercial framing, refer Series 452.
- For a higher performing heavy duty double-hung window, refer Series 463.
- Dedicated 90° and 135° couplers.



Maximum Panel Height	1100mm
Maximum Panel Width	1210mm
Maximum Glass Thickness	≤ 7.52mm

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



WERS RATED PRODUCT



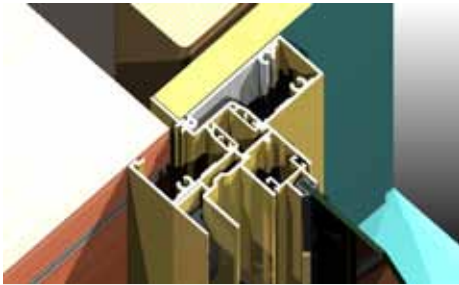
3D & 2D CAD FILES AVAILABLE



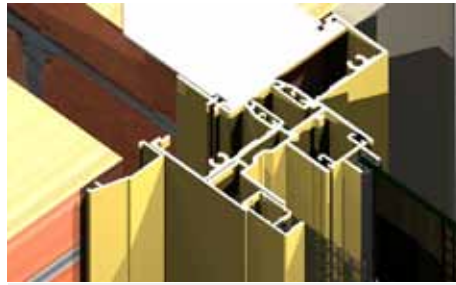
PRODUCT INFORMATION AVAILABLE AT  
[WWW.ELEVATEALUMINIUM.COM.AU](http://WWW.ELEVATEALUMINIUM.COM.AU)



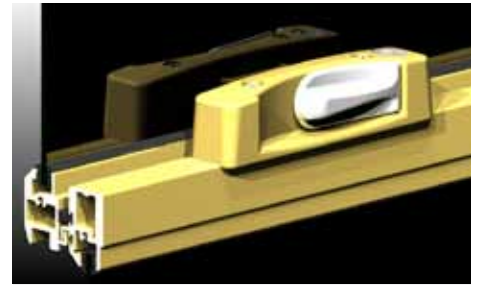
SPECIFIER ASSISTANCE AVAILABLE



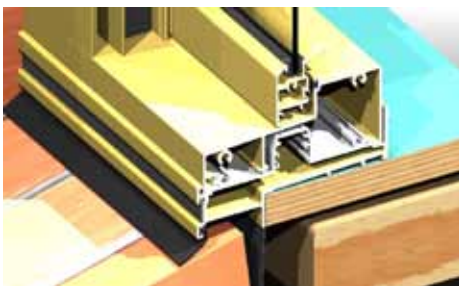
Built-in nailing fin makes installation into cavity brick with height adjustable building-in lugs and into brick veneer walls with timber reveals as shown above possible.



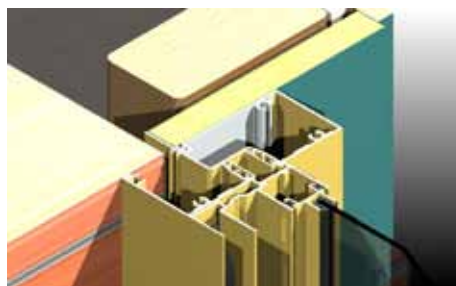
Frame can be secured into cavity brick wall with height adjustable building-in lugs that lock into the frame. Nailing fin (weather bar) protects the inner wall from water intrusion.



Custom lock option. Roll the chrome handle over 180 ° to lock/unlock. This illustration also shows the heavy meeting stiles used on Series 453 double-hung windows.



Sub-sills are standard on Series 453. This sub-sill is designed to accept timber reveals as shown above.

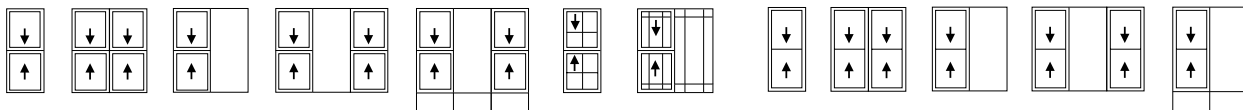


Alternative 44mm wide jambs available.



Alternative crescent type sash lock 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 453 WERS Data Sheet.

#### Single Glazed

Glass Description	Uw	SHGCw	Tvw	Inf
6SnClr	5.25	0.47	0.52	1.06
6EVanBG	5.03	0.36	0.44	1.06
6EVanClr	5.03	0.50	0.52	1.06
6EVanGy	5.03	0.33	0.25	1.06