

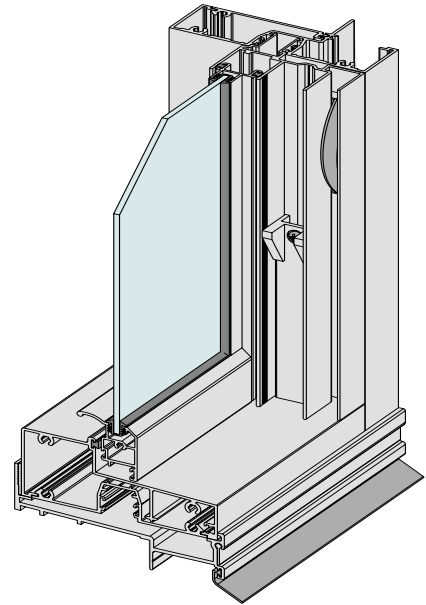


Overview

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



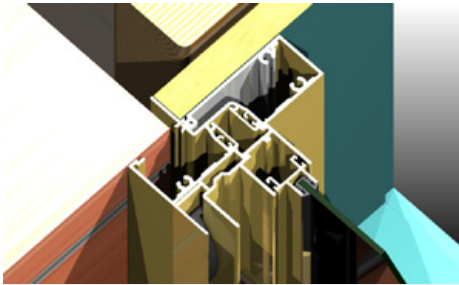
3D & 2D CAD FILES AVAILABLE



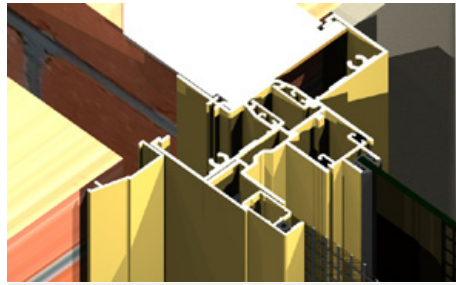
PRODUCT INFORMATION AVAILABLE AT
WWW.AWSCOMMERCIAL.COM.AU



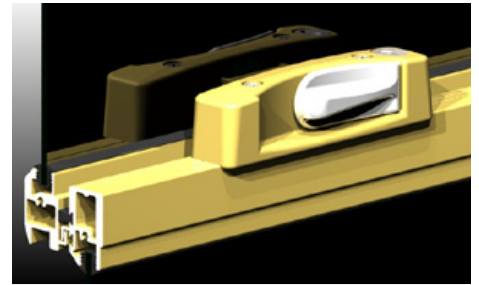
SPECIFIER ASSISTANCE AVAILABLE



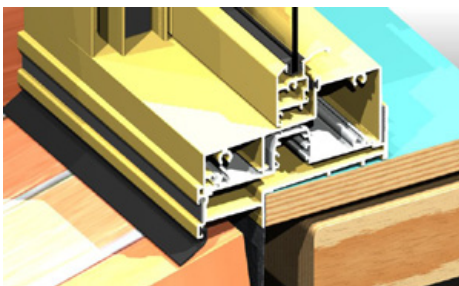
Built-in nailing fin makes installation into cavity brick with height adjustable building-in lugs and into brick veneer walls with timber reveals as shown above possible.



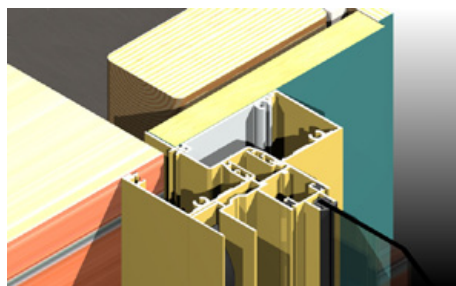
Frame can be secured into cavity brick wall with height adjustable building-in lugs that lock into the frame. Nailing fin (weather bar) protects the inner wall from water intrusion.



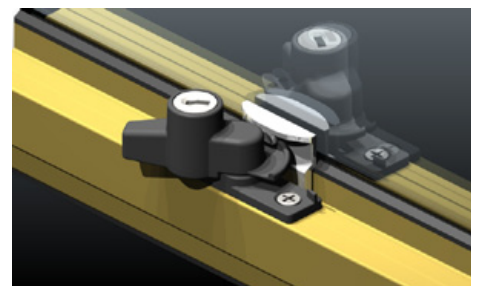
Custom lock option. Roll the chrome handle over 180 ° to lock/unlock. This illustration also shows the heavy meeting stiles used on Series 453 double-hung windows.



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

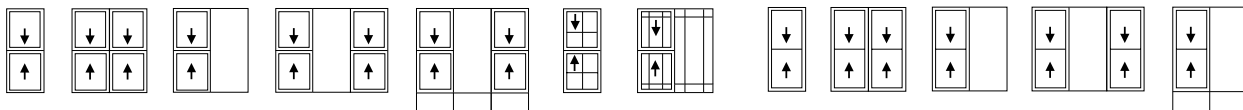


Alternative 44mm wide jambs available.



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	COOLING	HEATING	Uw	SHGCw	Tvw	Inf
6SnClr	41%	21%	5.25	0.47	0.52	1.06
6EVanBG	50%	18%	5.03	0.36	0.44	1.06
6EVanClr	40%	25%	5.03	0.50	0.52	1.06
6EVanGy	52%	16%	5.03	0.33	0.25	1.06