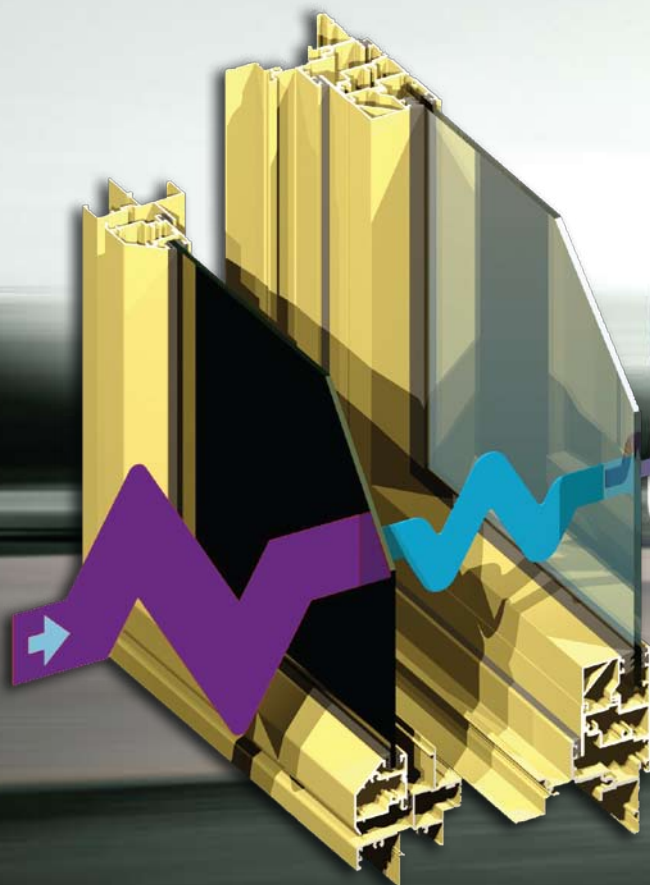


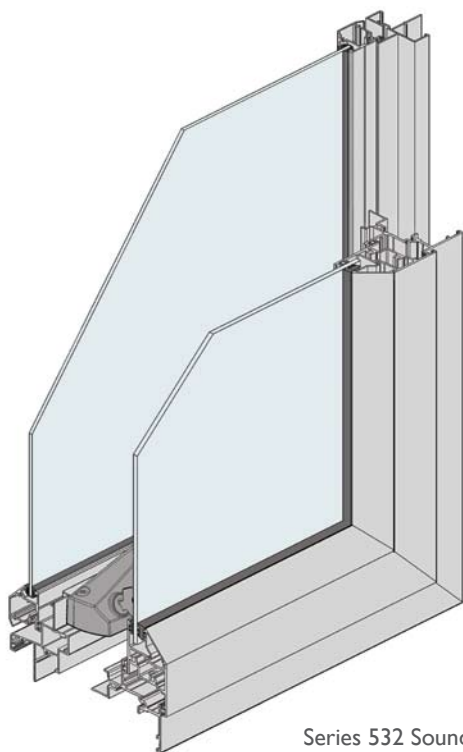
Series 532
SoundOUT™ Casement



Series 532 SoundOUT™ Casement

DATE: NOV 09
REPLACES: AUG 03
SCALE: NOT TO SCALE

KEY FEATURES / PERFORMANCE CHARACTERISTICS



Series 532 SoundOUT™
Casement window internal view

- The Series 532 SoundOUT™ Casement window has been specially designed to reduce noise infiltration through window openings. The SoundOUT™ sliding sash system is designed to be installed behind existing or new windows usually on the reveals within the wall dimension.
- Sashes are double sealed at all joints for maximum soundproofing.
- All sashes on the SoundOUT™ system can be opened to allow cleaning of the inner face of the outer window.
- Installing this product will create a thermally broken double glazed window that will significantly reduce heating and cooling costs.

Maximum Panel Height*	Various
Maximum Panel Width*	Various
Maximum Glass Thickness	≤ 20mm

* Subject to individual site conditions and wind loads. Contact AWS Technical Support for more information, e-mail techsupport@awsaustralia.com.au



WERS RATINGS

Secondary Glazed

Glass Description	COOLING	HEATING	Uw	SHGCw	Tvw	Inf
3Clr/100/3Clr	25%	39%	2.4	0.68		
3Clr/100/6.38Clr	27%	38%	2.4	0.66		
4EG/100/6.38Clr	47%	25%	2.4	0.46		
4Clr/100/4EA	32%	41%	2.0	0.63		
4EA/100/4EG	52%	27%	2.0	0.42		

For the best results

Position SoundOUT™ casement behind a well sealed aluminium awning, casement or fixed light window with an STC rating of 30 dB or higher. The VANTAGE awning window with 3mm glass rates 30 dB (Tested by National Acoustic Laboratories, Chatswood).

3mm in the VANTAGE awning and 6.38mm in the SoundOUT™ casement rates 45 dB

3mm in the VANTAGE awning and 10.38mm in the SoundOUT™ casement rates 50 dB

Tested by the National Acoustic Laboratories, Chatswood, NSW.

Series 532

SoundOUT™ Casement

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SPECIFIERS CHECKLIST

If you plan to install a secondary glazing system behind existing new awning casement windows there are some very important factors that need to be considered. These are what we see as the most important points to be checked - Compare us with the others.

FEATURE	Series 532	Opposition
Has the system been tested by an authorised sound laboratory? This is an important expensive addition to your home, so ask to see the test report. SoundOUT™ casement has been tested at the National Acoustic Laboratories, Chatswood. The highest result obtained was 50dB(A), refer table earlier in these notes.	YES	
All sashes on the secondary glazing system can be opened It's very important that all sashes on the secondary glazing system can be opened to allow access to the inner face of the existing (external) window glass for cleaning.	YES	
Double sealed All sashes are sealed both sides on all four edges for maximum sound reduction.	YES	

HOW TO SPECIFY

SYSTEM NAME

Vantage Series 532 SoundOUT™ Casement Window

FINISH

Powder Coat
 Anodised

COLOUR

Select from the Vantage range of approved powder coat or anodising colours

GLASS

Specify thickness ≤ 20mm
 Specify thermal performance where applicable (Uv & SHGC)
 Specify acoustic performance where applicable (RW)

HARDWARE

Refer to hardware selection guide for compatible options



2D & 3D CAD FILES AVAILABLE

GO TO: www.vantagealuminium.com.au > CAD & Revit 3D Files
 CAD file: DWG or DXF VAN_532



MORE INFORMATION

For the latest updates regarding this product visit our website
www.vantagealuminium.com.au



Specification Assistance

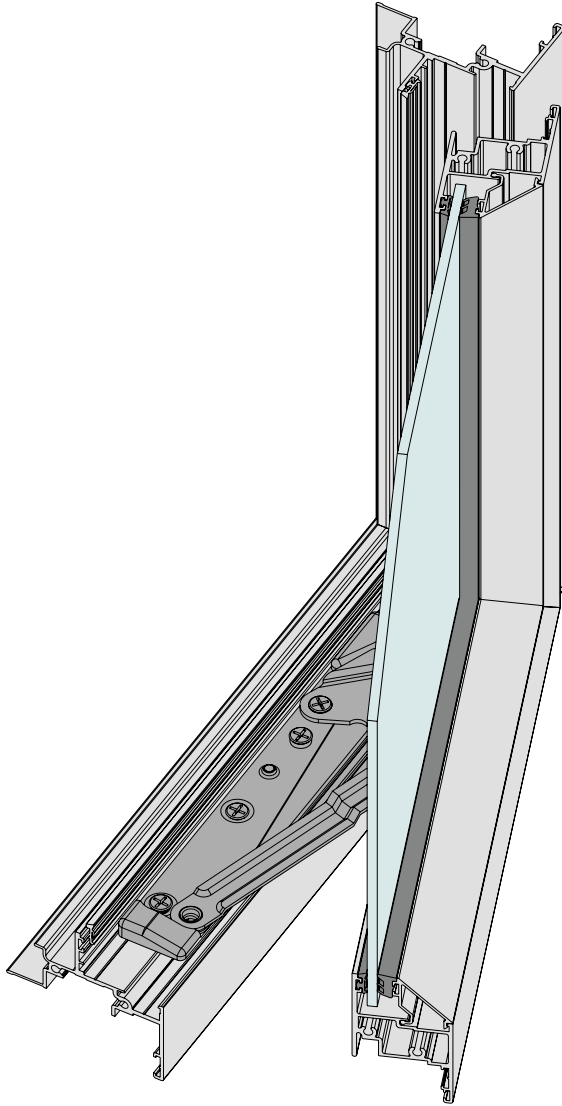
Need help specifying this product? email techsupport@awsaustralia.com.au and our qualified technical advisors will assist you with product selection and specification for your project.



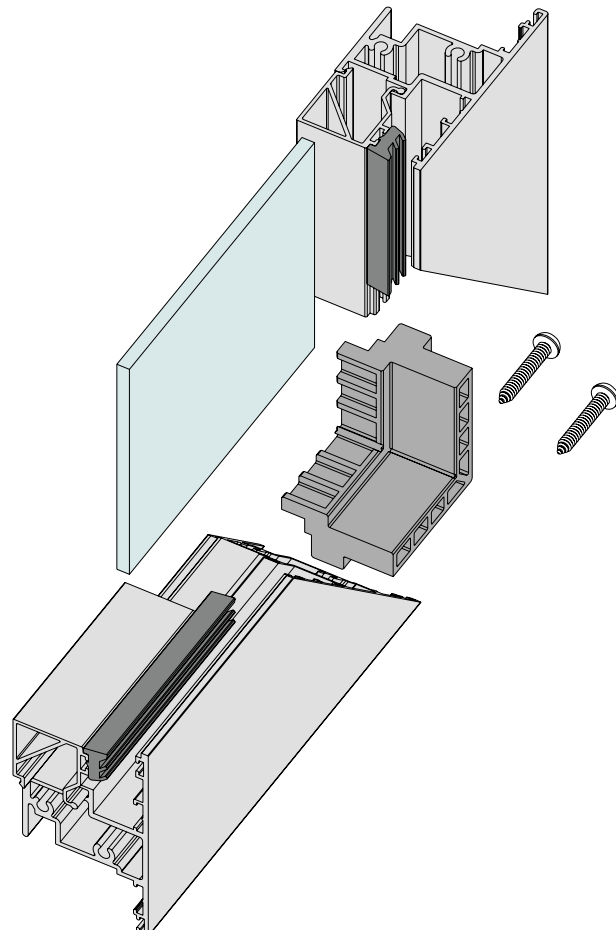
Series 532 SoundOUT™ Casement

DATE: NOV 09
REPLACES: AUG 03
SCALE: NOT TO SCALE

HARDWARE MAKES THE DIFFERENCE



Sash supported on heavy duty stainless steel stays



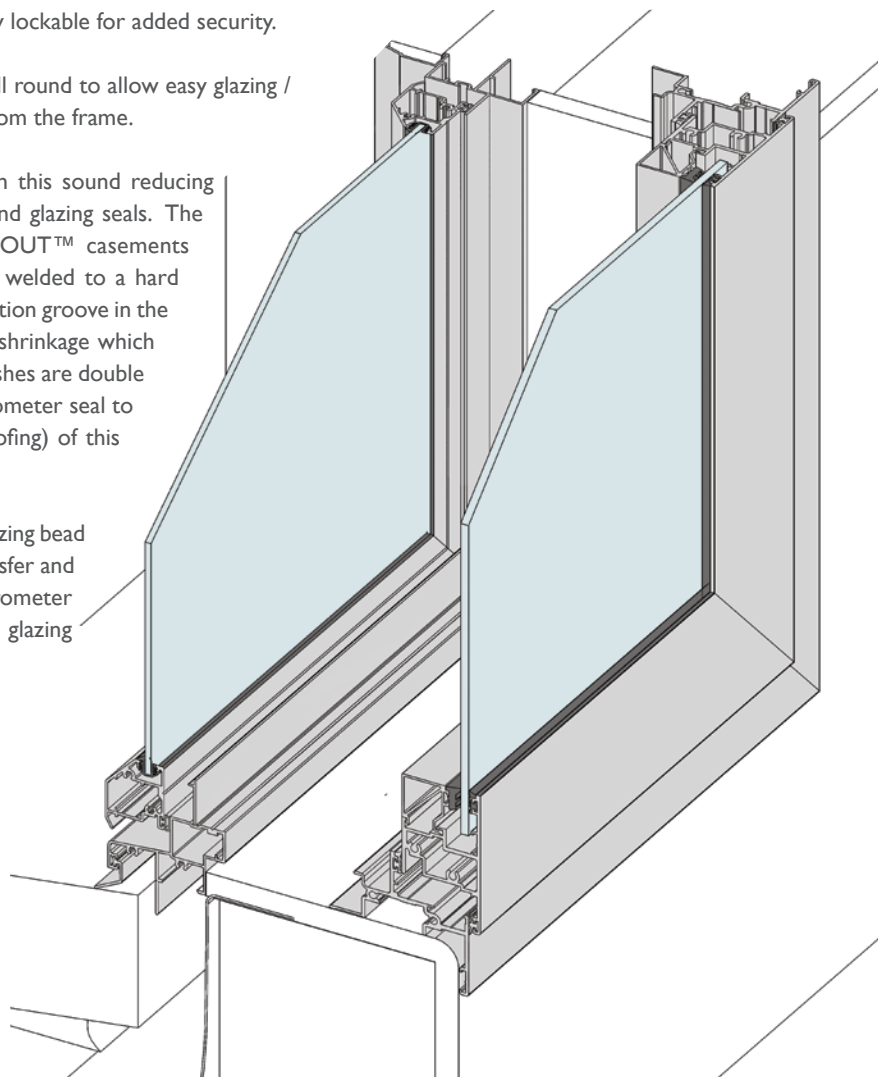
Mitred sash corners braced with glass filled nylon corner stakes and 8# stainless steel assembly screws

Series 532 SoundOUT™ Casement

DATE: NOV 09
REPLACES: OCT 04
SCALE: NOT TO SCALE

DESIGN FEATURES

1. The Vantage Series 532 Secondary Glazed Casement system has been designed to dramatically reduce noise infiltration when installed behind existing or new windows. The best results are achieved when this secondary glazed casement system is installed behind Vantage Series 516 or Series 616 awning/casement windows. Product has been tested at The National Acoustic Laboratory, Chatswood, N.S.W.
2. SoundOUT™ casement sashes can be glazed with glass up to 10.38mm thick.
3. SoundOUT™ casement sashes supported on heavy duty stainless steel stays.
4. An added feature of this product is the creation of a thermally broken double glazed window that will significantly reduce heating and cooling costs.
5. The key to maximum soundproofing is maintaining a tight seal between the sash and the frame. The stays will keep one side of the sash tight and on the other a multi point locking cam handle is installed to keep tall sashes against the frame for the full height as sound will travel through the smallest hole.
6. This multi point cam type handle is key lockable for added security.
7. Sashes have removable glazing beads all round to allow easy glazing / reglazing without removing the sash from the frame.
8. One of the most important factors in this sound reducing product is the dual durometer sash and glazing seals. The dual durometer seal fitted to SoundOUT™ casements is made up of a soft Santoprene seal welded to a hard backing material that slides into a retention groove in the extrusion. This hard backing prevents shrinkage which would result in gaps. SoundOUT™ Sashes are double sealed to the frame with this dual durometer seal to maximises the airtightness (soundproofing) of this critical joint.
9. Glass is separated from the sash and glazing bead with soft wedges to reduce sound transfer and glass vibration. The sash leg dual durometer Santoprene seal is captive to simplify glazing and reduce the chance of shrinkage.



All of the important features are shown in full colour
at: www.vantagealuminium.com.au



Series 532 SoundOUT™ Casement

DATE: NOV 09
REPLACES: OCT 04
SCALE: HALF FULL SIZE

TYPICAL BUILDING IN DETAILS VERTICAL SECTION

Brick veneer installation

