

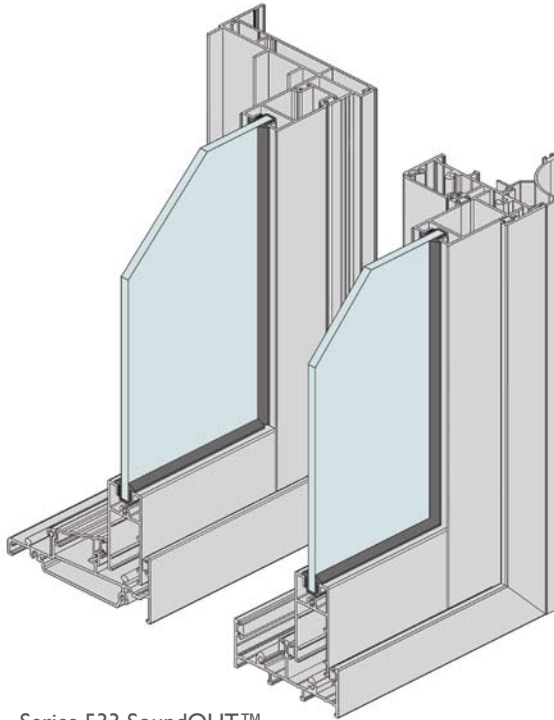
Series 533  
SoundOUT™ Sliding Door



# Series 533 SoundOUT™ Sliding Door

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

## KEY FEATURES / PERFORMANCE CHARACTERISTICS



Series 533 SoundOUT™  
Sliding door internal view

- The Series 533 SoundOUT™ Sliding door has been specially designed to reduce noise infiltration through door openings. The SoundOUT™ sliding sash system is designed to be installed behind existing or new doors 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 door.
- Sashes run on large diameter heavy duty wheels, nylon tyred ball bearing wheels used on the heavier sashes. These wheels are height adjustable to allow sashes to be squared up in the frame.
- Sashes will accept glass up to 10.38mm thick with full wrap around PVC glazing channel or if preferred SoundOUT™ sashes can be double glazed as detailed later.
- Installing this product will create a thermally broken double glazed door 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](mailto:techsupport@awsaustralia.com.au)



### WERS RATINGS

#### Secondary Glazed

Glass Description	COOLING	HEATING	U <sub>w</sub>	SHGC <sub>w</sub>	T <sub>v</sub> w	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		

# Series 533

## SoundOUT™ Sliding Door

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### SPECIFIERS CHECKLIST

If you plan to install a secondary glazing system behind existing / new sliding doors there are some very important factors that need to be considered.

Features	SoundOUT™	Opposition
<b>All sashes on the secondary glazing system can be opened.</b> access to the inner face of the existing (external) door glass for cleaning.	YES	
<b>Double sealed.</b> All sashes are sealed both sides on all four edges for maximum sound reduction. There are no holes at the meeting stiles.	YES	
<b>Are the SoundOUT panel wheels height adjustable ?</b> You need to be able to adjust the wheels to make sure the stiles are interlocked correctly. This keeps the sound reducing seals tight between stiles and frame and stile to stile. The height adjustment screws are accessed via machined slots at the bottom of the stiles. Turning the adjustment screw clockwise will lift the panel and anti-clockwise will lower the panel.	YES	
<b>Can the SoundOUT panels be removed from the frame ?</b> At some stage in the future you may need to remove the panels to repair broken glass or replace worn wheels.	YES	
<b>Does the SoundOUT panel have pull handles?</b> The inner panel/s are fitted with flush line pull handles to keep them away from blinds and drapes as much as possible.	YES	
<b>Are SoundOUT panels strong enough for door size sliding panels ?</b> We use residential grade sliding door sections to create SoundOUT so the panels are strong enough and can be fitted with appropriate wheels designed to carry heavy glass panels.	YES	
<b>Will soundOUT panels accept thick glass ?</b> The SoundOUT panels will accept glass up to 10.38mm in single glazing and 16mm or 19mm insulating glass units.		



#### 2D & 3D CAD FILES AVAILABLE

GO TO: [www.vantagealuminium.com.au](http://www.vantagealuminium.com.au) > CAD & Revit 3D Files  
 CAD file: DWG or DXF VAN\_533



#### MORE INFORMATION

For the latest updates regarding this product visit our website  
[www.vantagealuminium.com.au](http://www.vantagealuminium.com.au)

### HOW TO SPECIFY

#### SYSTEM NAME

Vantage Series 533 SoundOUT™  
 Sliding Door

#### 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



#### Specification Assistance

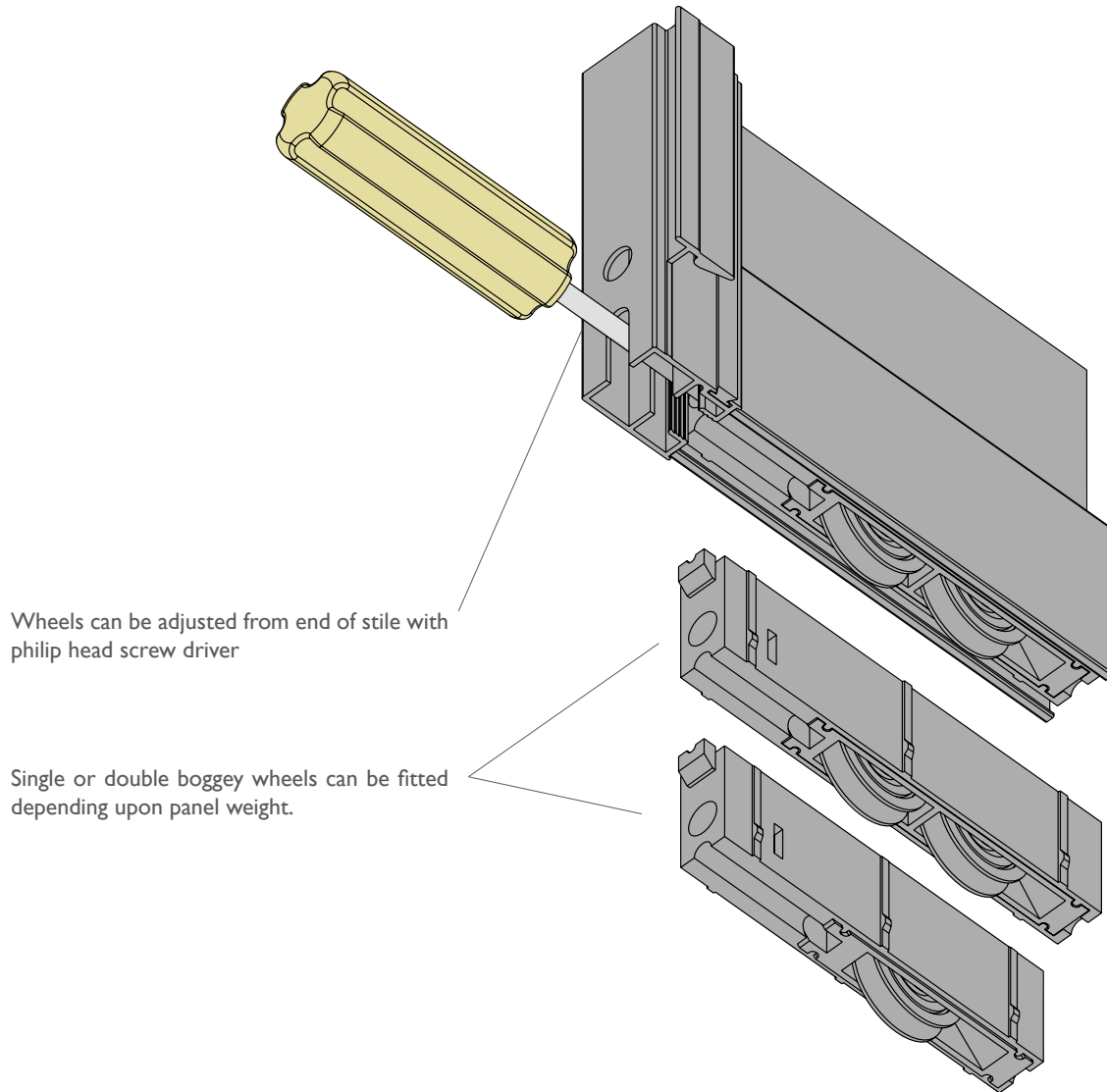
Need help specifying this product? email [techsupport@awsaustralia.com.au](mailto:techsupport@awsaustralia.com.au) and our qualified technical advisors will assist you with product selection and specification for your project.



# Series 533 SoundOUT™ Sliding Door

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## HARDWARE MAKES THE DIFFERENCE



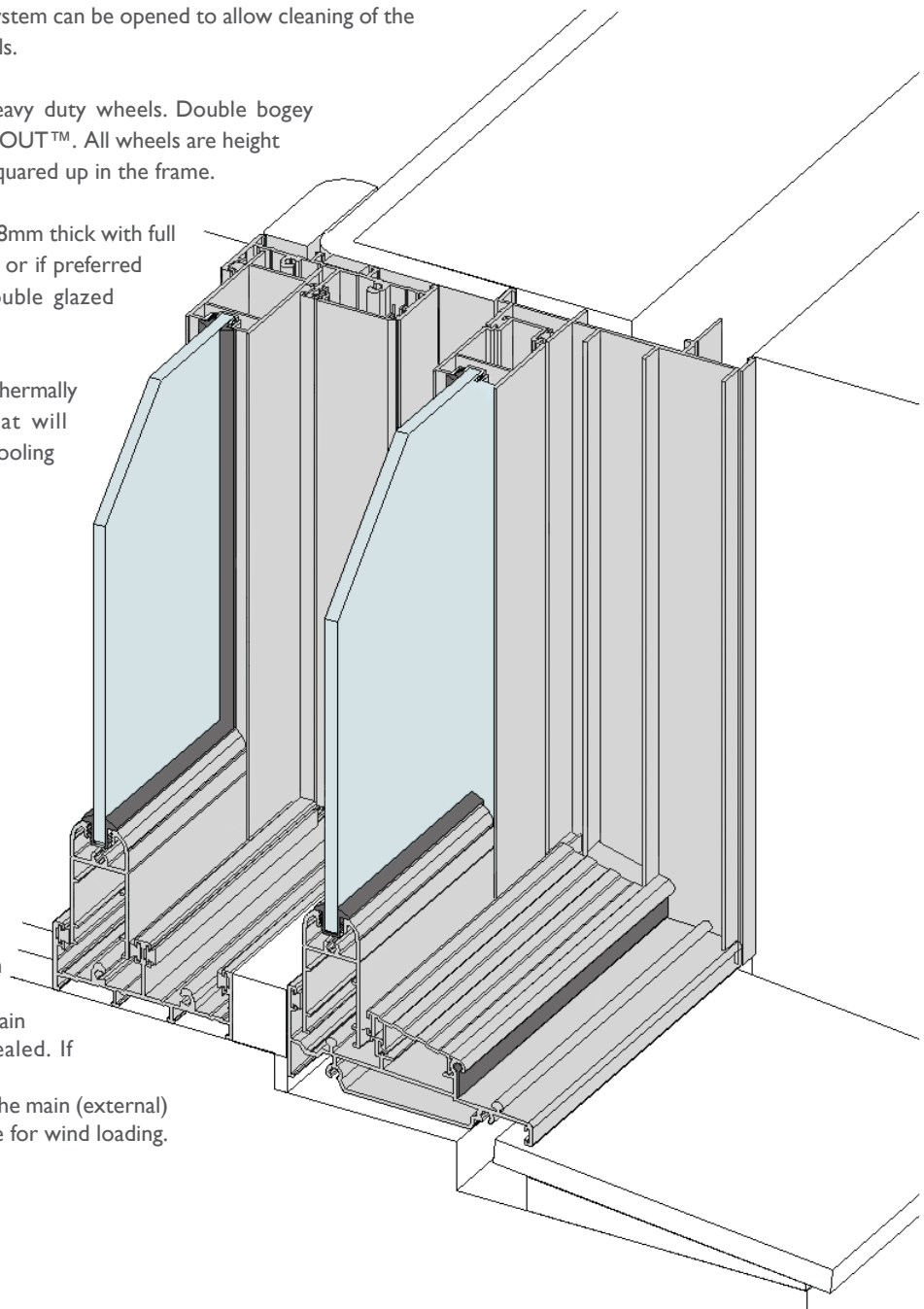


# Series 533 SoundOUT™ Sliding Door

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

## DESIGN FEATURES

1. This product has been specially designed to reduce noise infiltration through sliding door openings. The SoundOUT™ sliding door system is designed to be installed behind existing or new sliding doors.
2. The panels are double sealed on all sides for maximum soundproofing.
3. Slimline meeting stiles are less obtrusive and allow maximum vision. The meeting stiles on SoundOUT™ will align directly behind Series 541 main door meeting stiles.
4. All sashes on the SoundOUT™ system can be opened to allow cleaning of the inner face of the outer door panels.
5. Panels run on large diameter heavy duty wheels. Double bogey wheels can also be used on SoundOUT™. All wheels are height adjustable to allow panels to be squared up in the frame.
6. Sashes will accept glass up to 10.38mm thick with full wrap around PVC glazing channel or if preferred SoundOUT™ sashes can be double glazed (refer Series 541).
7. Installing this product will create a thermally broken double glazed door that will significantly reduce heating and cooling costs.



### Limitations

- Maximum sash height 2400mm.
- Maximum two panel width 2410mm.
- For maximum performance the main (front doors should be well sealed. If necessary fit new mohair).
- As this product is located behind the main (external) door no allowance has been made for wind loading.

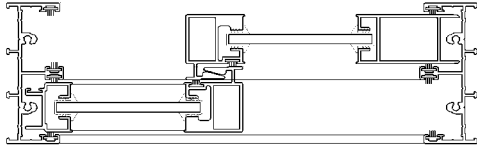


All of the important features are shown in full colour at: [www.vantagealuminium.com.au](http://www.vantagealuminium.com.au)

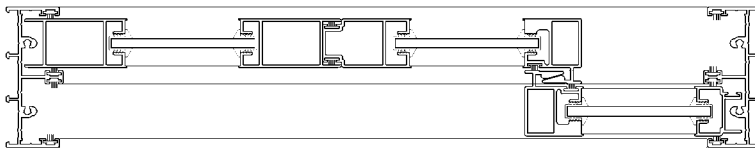
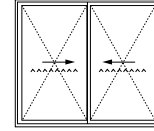
# Series 533 SoundOUT™ Sliding Door

DATE: NOV 09  
REPLACES: AUG 03  
SCALE: QUATER FULL SIZE

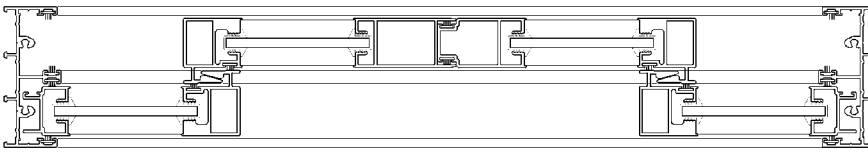
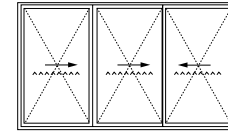
## HORIZONTAL CROSS SECTION



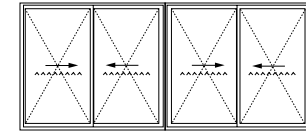
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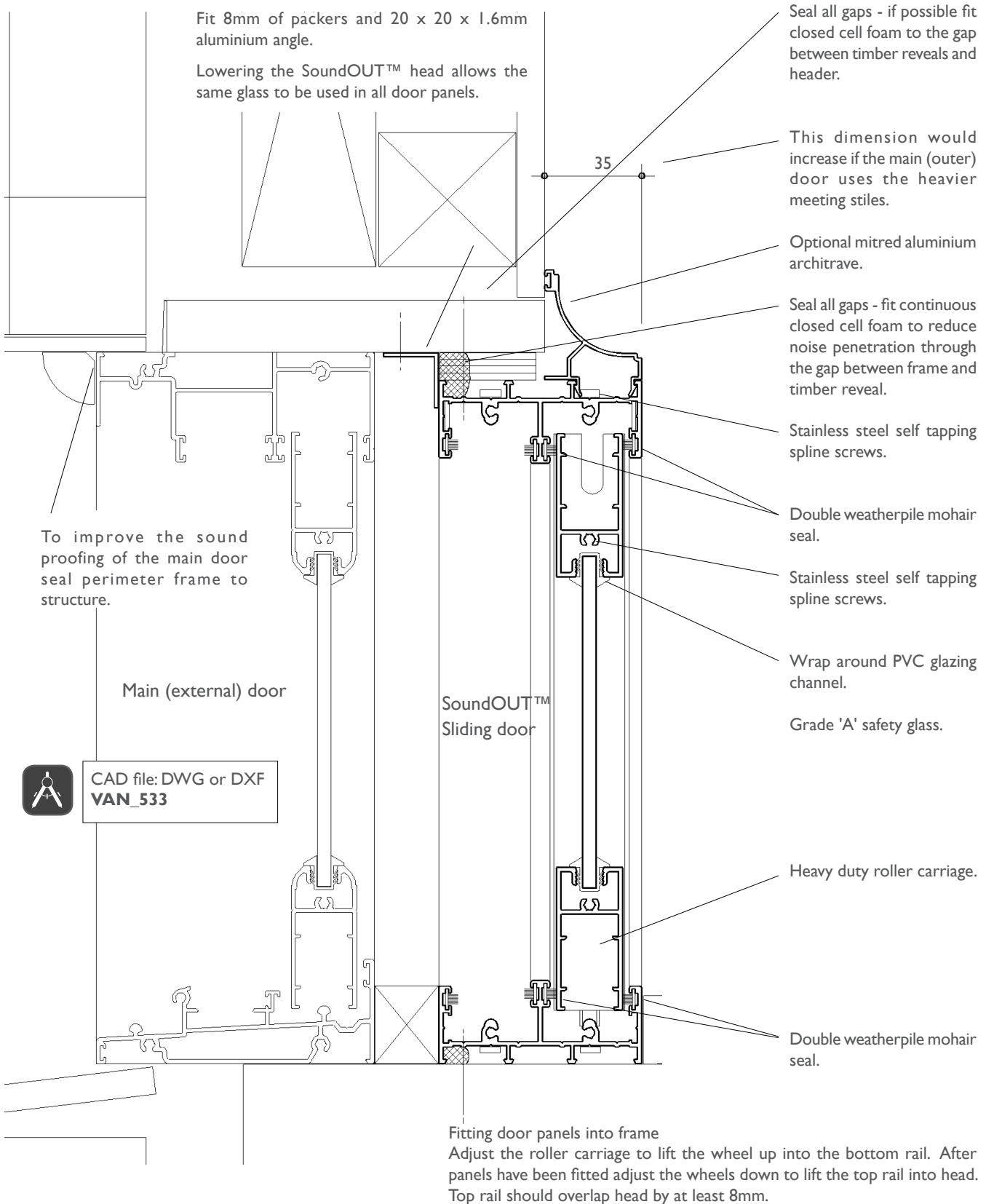
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# Series 533 SoundOUT™ Sliding Door

DATE: NOV 09  
REPLACES: AUG 03  
SCALE: HALF FULL SIZE

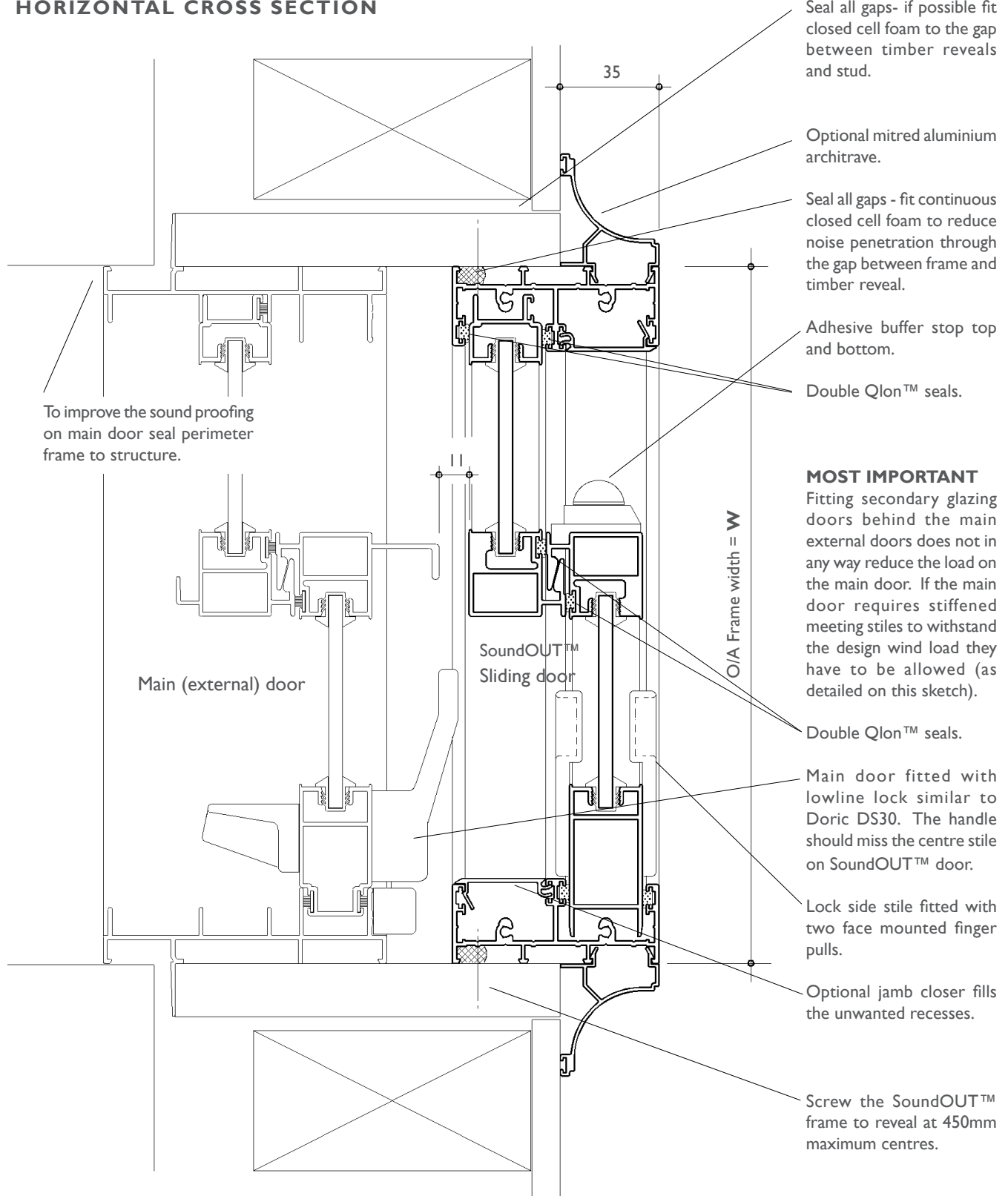
## VERTICAL CROSS SECTION



# Series 533 SoundOUT™ Sliding Door

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SCALE: HALF FULL SIZE

## HORIZONTAL CROSS SECTION



Seal all gaps- if possible fit closed cell foam to the gap between timber reveals and stud.

Optional mitred aluminium architrave.

Seal all gaps - fit continuous closed cell foam to reduce noise penetration through the gap between frame and timber reveal.

Adhesive buffer stop top and bottom.

Double Qlon™ seals.

### MOST IMPORTANT

Fitting secondary glazing doors behind the main external doors does not in any way reduce the load on the main door. If the main door requires stiffened meeting stiles to withstand the design wind load they have to be allowed (as detailed on this sketch).

Double Qlon™ seals.

Main door fitted with lowline lock similar to Doric DS30. The handle should miss the centre stile on SoundOUT™ door.

Lock side stile fitted with two face mounted finger pulls.

Optional jamb closer fills the unwanted recesses.

Screw the SoundOUT™ frame to reveal at 450mm maximum centres.

To improve the sound proofing on main door seal perimeter frame to structure.

Main (external) door

SoundOUT™ Sliding door

O/A Frame width = W



CAD file: DWG or DXF  
VAN\_533