



Australian quality window products, sized and designed specifically for **steel clad buildings**



- **Structurally engineered**
- **Fast and easy to install**

The shed window internal stiffening system, that can have powdercoated aluminium reveals and architraves snapped on!

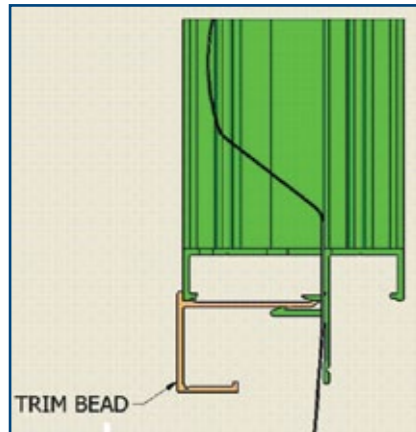


Check the alignment of the beads and if they are not correctly aligned, they can be "tapped" left or right using a rubber mallet or clenched fist – tap until correct alignment is achieved.

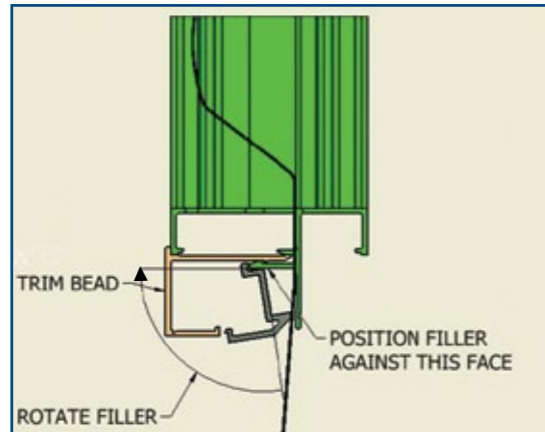
6. Installing the Trim Bead Filler

This item does not come standard with the window. It is an optional extra that can be ordered with your window – see photo in top right hand corner

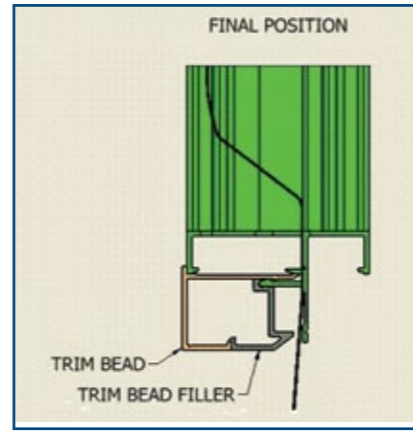
The trim bead filler usually goes on the vertical edge of the trim bead to hide fasteners from view. This is the last step in installing the window. It can be used on metal cladding profiles like "Trimdeck", "Monoclad", "Multiclad" and "Kpanel". It is not required for "Corro" profiles.



STEP 1



STEP 2



STEP 3

We are sure you will be pleased with your selection of our product, and would like to take the opportunity of making you aware of our other products.

Internal Window Stiffener – These are an aluminium section specially designed to fit between wall girts and fixed using purpose made extrusions. They have been specifically engineered to meet various wind ratings.

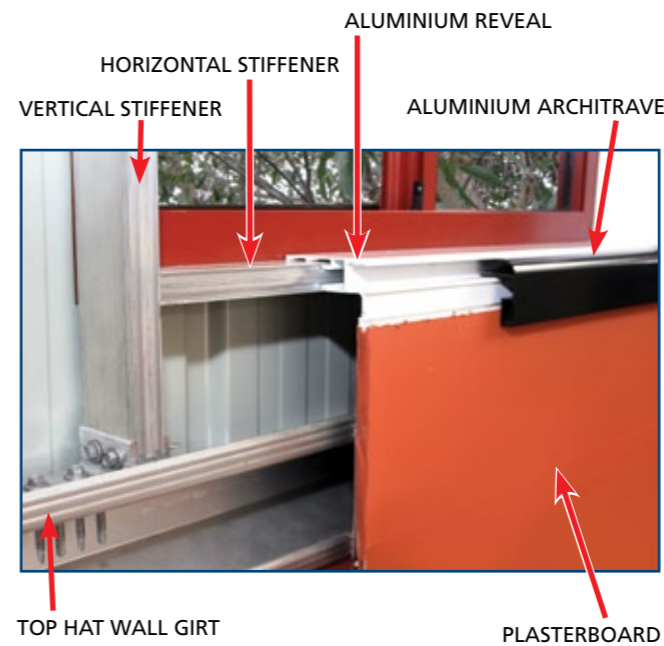
Powdercoated Aluminium Reveals and Architraves – When using the stiffener, there is an additional option to add coloured metal reveals, these are ideal when cladding the inside of your building and give a complete finish.

Please call us and ask for more information, (or go to www.amia.com.au)

"We guarantee there is no better window for steel cladding!!"

"We guarantee you have never installed reveals and window architraves so fast!!"

"We have a vision: to be Australia's leading window supplier to the steel industry by providing best quality products and service."



Note:

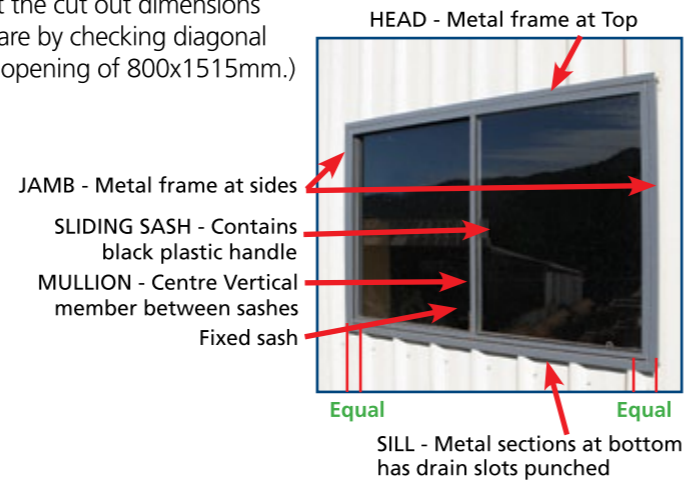
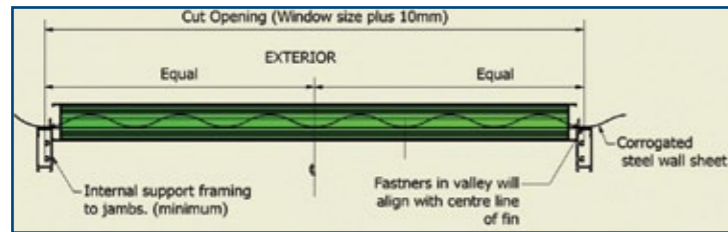
1. **Designed to suit most top hat and C Section wall girts. For full details go to our website or enquire with your local supplier.**
2. **Internal architraves and reveals are available in 4 standard powder coated colours. Other colours available upon application.**



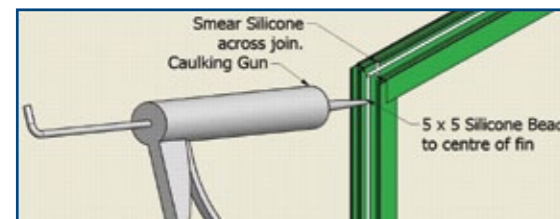
1. Accurately locating the window and cutting the sheeting.

IMPORTANT:- The cut dimension should finish in the pan or valley equally at both jambs. DO NOT position the jamb(s) on a ridge in the cladding.

The window width is designed to fit in the pan or valley of the sheet. Select the window position by marking the centre dimension of the window on the wall. Mark out the cut out dimensions 10mm larger than the ordered window size. Check the opening is square by checking diagonal measurements. (for example – a 790x1505 window requires a cut out opening of 800x1515mm.) Remove any sharp edges or burrs with metal file or a grinder.

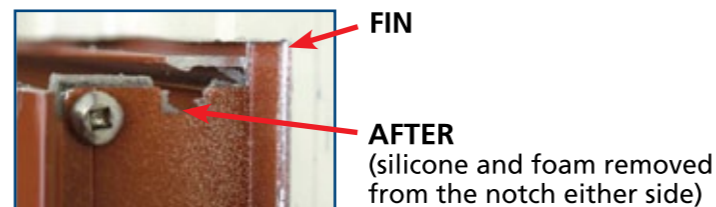
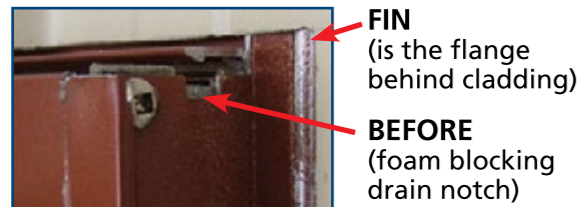


2. Sealant.



Provide a 5 x 5 mm bead of silicone all the way around the exterior face of the window fin, approximately in the centre of the fin. Smear silicone across the joint in the fins to seal these joints. Smear sealant across the joints at the junction of the window head and jamb extrusion. Repeat at the joints of the jamb to the sill.

IMPORTANT:- There are two small notches in the jamb extrusion at the join of the head and jamb extrusions. These notches allow water to drain from the head to the jamb and MUST NOT BE FILLED WITH SILICONE. If silicone enters this notch, remove it with a tool such as a small blade or screwdriver or knife before the silicone dries.



VIEWED FROM OUTSIDE

3. Installing the window

- Open the sliding sash in the window to assist with installation. Place the window in the opening from inside the building.
- Screw your first self drilling screw externally through the cladding into the window fin, along the window head to hold the window in place.

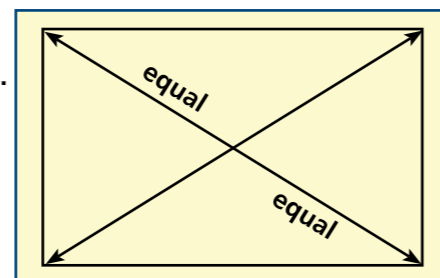
NOTE:- This screw will need to be removed if a structural support is provided along the window head. This screw is then reinstalled when the support is fixed.

*Check the window for square by measuring the diagonals. When both dimensions are equal, the window is square and ready to be firmly fixed. See diagram below.

*Provide internally, structural members (or our window stiffener) to the jambs (minimum) and preferably all around the window frame. Then place all the remaining self drilling screws around the window perimeter. These screws should be 10 mm away from the cut opening to align centrally with the window fin.

NOTE:- We recommend class 4 10 guage self drilling screws at 150mm maximum centres, or, 8 guage self drilling screws at 125mm maximum centres.

For further details on installing AMIA's internal structurally stiffening window systems, including powder coated aluminium reveals and architraves contact your local shed distributor or go to www.amia.com.au



4. Complete the sealing

To complete the sealing we recommend to run a full bead of silicone vertically down each jamb externally to seal the junction of the jamb to the wall cladding. Particular attention must be given to seal the junction of the jamb to the head and sill as shown in the photographs below.

DANGER

When tooling the silicone with your finger, check for any sharp edges in the steel removing first to avoid injury,



Head to Jamb junction

IMPORTANT

Failure to correctly seal these areas may allow water to enter between the fin and the cladding & run down the inside face of the cladding.



Sill to Jamb junction

5. Fitting the Trim Beads

If you are using "Corro" cladding profiles and it runs vertically, you will need to cut the bead to the head and sill beads only. If the cladding runs horizontally, then the jamb beads only need to be trimmed. These beads can be trimmed with hacksaw or tin snips. This trimming is only required when installing to "Corro" profiles.

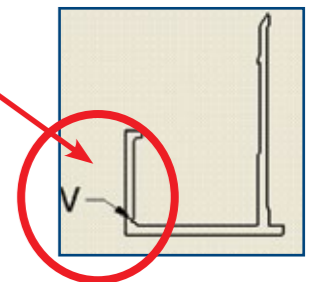
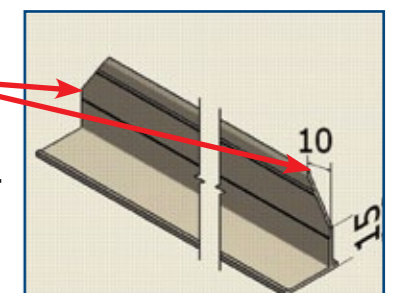
NOTE!! IF YOU ARE USING A 28MM PROFILE CLADDING (TRIMDECK® & MONOCLAD®). The trim beads along the head and sill require removal of part of the trim bead.

NOTE:- THIS PROCESS IS NOT REQUIRED WHEN INSTALLING TO "CORRO", "MULTICLAD" AND "KANEL" PROFILES.

DO NOT REMOVE THIS FROM THE JAMB TRIM BEADS.

There is a small "V" in the shorter leg of the trim bead which allows this metal to be easily removed. Removal of this is necessary to allow the trim bead to rest against the ridges in these cladding sheets.

To remove this, simply start one end using pliers, wriggle pliers vertically to start a tear, then begin to rotate the pliers and the metal will tear away at the "vee". Continue rotating the pliers removing the metal along the entire length of the bead.



The head and sill beads are longer than the head and sill dimensions.

• Align the sill bead first making it equidistant past the edge of the window jambs on both ends. Guide the longer leg of the bead between the locating leg on the fin and the external of the framing. Push firmly, beginning at one end, until a "snap" sound is heard. This is the positive engagement of the trim bead locking into position and it resting on the external face of the window frame. If the trim bead is resting against the window frame, it is correctly installed.

• Next install the two vertical jamb trim beads.

• Before installing the jamb trim bead, the junction between the sill trim bead and the external face of the cladding needs to be sealed with silicone. (Refer to photo.)

This is the final sealing required here!

