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ADVANCE METAL INDUSTRIES AUSTRALIA

Delivering your Project with Care...

AMIA Doors Installation Instructions – Steel Clad Buildings

STEEL CLAD BUILDING SERIES

ALUMINIUM DOORS AND WINDOWS

POWDER COATING ◆ BALUSTRADING ◆ WINDOWS & GLASS

RECOMMENDED DOOR INSTALLATIONS DETAILS FOR VERTICALLY FIXED STEEL PROFILES & HORIZONTALLY FIXED CORRO® CLADDING

CORRO® CLADDING WALL CONSTRUCTIONS – 102mm FRAMED PRODUCTS

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Part A. FOR VERTICALLY FIXED STEEL CLADDING (102mm Framed Products)

1. Technical Terms

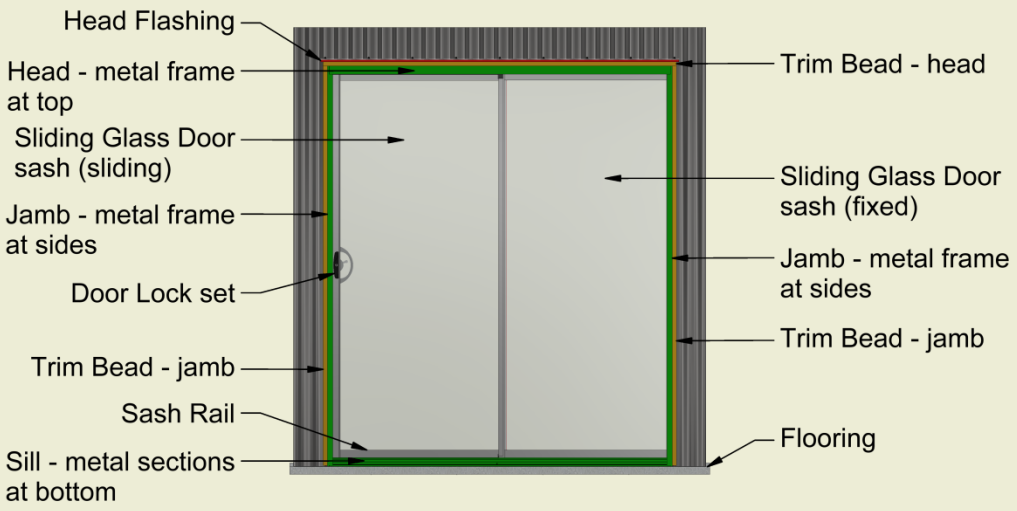


Figure 1.1 **Technical Terms**

SPECIAL INSTRUCTIONS NOTE: AMIA supply all standard **Sliding Glass Door Kits as XO**, unless ordered OX (refer to **Figure 1.2)**. The opening direction can be reversed if required. This should occur **BEFORE** the frame is installed. Follow these steps to reconfigure your door to **OX**.

- Jambs have a mohair and plastic weather strip inserted. The location of these parts needs to be reversed. Remove these parts from the frames and reinsert to opposing locations. This must be done before assembling the door frame.
- **AMIA** will pre-install the latch keeper to jamb matching the ordered hand. Remove latch keeper and fill or repair the holes. Reinstall the latch keeper in the opposite jamb. The keeper should be matching height. (Top Rail becomes Bottom Rail or vice versa)
- Rollers in the bottom need to be removed and placed in the opposite rail so the glass motif is corrected by turning the sliding sash over. The fixed sash is simply rotated inside to out, placing the white motif decal on the inside glass face.
- If a screen door is ordered, latches are not centrally located in the height. Therefore new doors should be ordered to suit. AMIA can provide instruction on request to change handing of screen door; however numerous redundant drill holes will be visible at the end of this exercise.

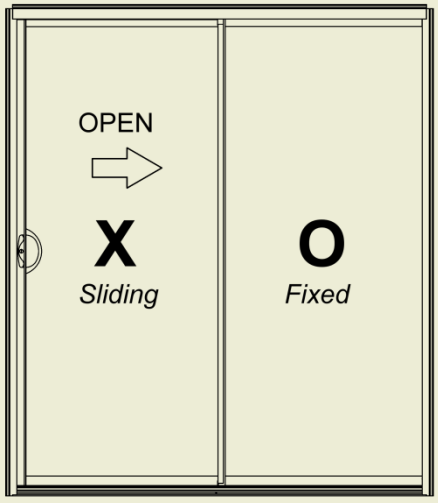


Figure 1.2 **Sliding Glass Door**
Standard Door Kit (view from outside)

2. Assembly of Door Frame

Remove the eight #8x25mm self-tapping pan head SS screws from the screw flutes of the head and sill profiles. Assemble the door frame using the supplied screws as shown in **Figure 2.1**.

IMPORTANT! Make sure the Jamb gaskets are protruding 1mm past inside face of frame, as shown in **Figure 2.2**.

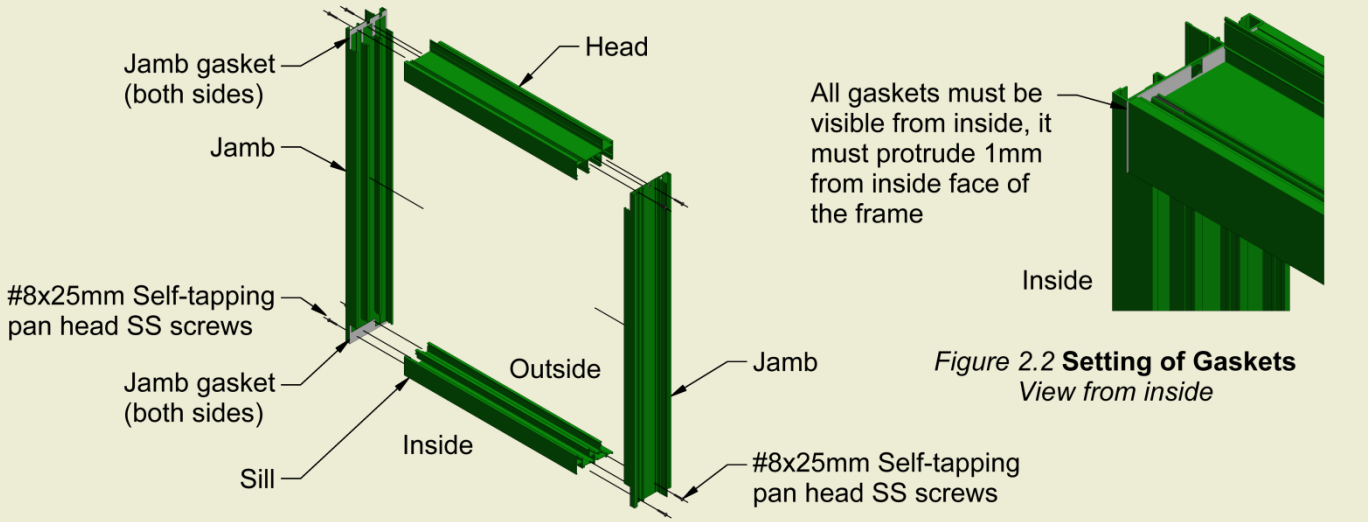


Figure 2.1 **Assembly of Sliding Glass Door Frame**
View from inside

Figure 2.2 **Setting of Gaskets**
View from inside

REMINDER! Set the correct Torque on the power screw driver to avoid damaging the screw heads. Screws should be firmly torqued. Over tightening could break the head of the screws.

3. Installation of Fin Patches, Trim Bead Adapters and Timber Reveals

NOTE: Trim Beads, Trim Bead Adapters and Timber Reveals do not come standard with the Sliding Glass Door. It is an optional extra that can be ordered with the door. If you do not have Trim Beads supplied proceed to install fin patches shown in Figure 3.1 and 3.7.

IMPORTANT! The following steps will be performed if **Trim Beads are purchased**.

a) Fix the **jamb** Trim Bead Adapter to door jamb as shown in **Figure 3.1**. The Trim Bead Adapter is 55mm short so it does not clash with fin patch in top corner, as shown in **Figure 3.2 and 3.3**. Place the adapter flush at the bottom of door frame. Roll and clip in place the Trim Bead Adapter as shown in **Figure 3.4**.
b) Fix the **head** Trim Bead Adapter to door head as shown in **Figure 3.1**. The Trim Bead Adapter is 110mm short so it does not clash with fin patch in top corner on both sides, as shown in **Figure 3.2** and **3.3**. Place the adapter equidistant from edge of door frame. Roll and clip in place the Trim Bead Adapter as shown in **Figure 3.4**.

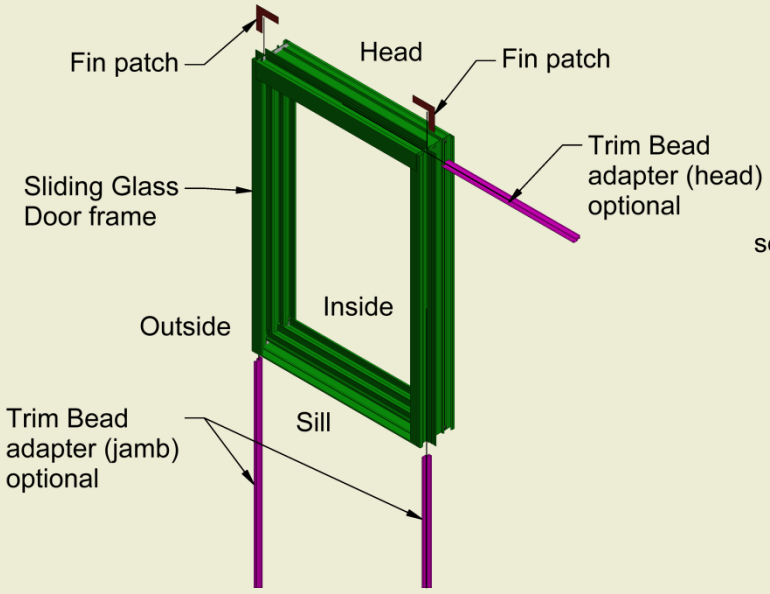


Figure 3.1 **Installation of Trim Bead Adapters**

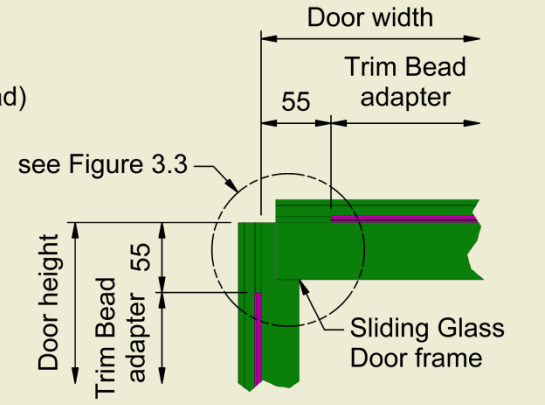


Figure 3.2 **Setting of Trim Bead Adapter**

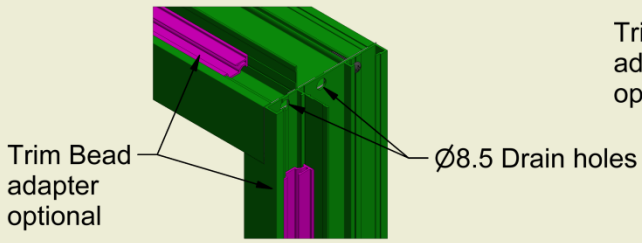


Figure 3.3 **Setting of Trim Bead Adapter**
Isometric View

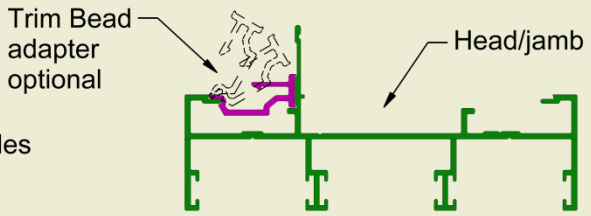


Figure 3.4 **Detail of Installation of Trim Bead Adapter**

c) Crimp the jamb Trim Bead Adapter at the base of Sliding Glass Door as shown in Figure 3.5 and 3.6, to avoid the Trim Bead from slipping from the door.

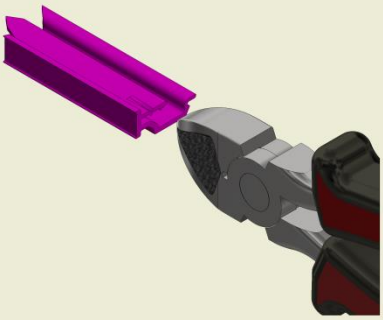


Figure 3.5 **Crimping of Jamb Trim Bead Adapter**

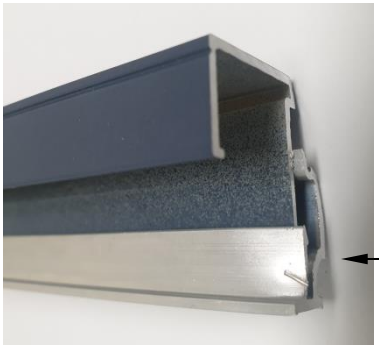


Figure 3.6 **Trim Bead Adapter Crimp Mark**

d) Install **fin patch** in both sides of the frame head corners as shown in **Figure 3.7** and **3.8**. Apply silicone seal around the fin patch and to the door frame fin and press the fin patch firmly to seal as shown in **Figure 3.7**.
e) Apply silicone seal in all fasteners as shown in **Figure 3.8**.

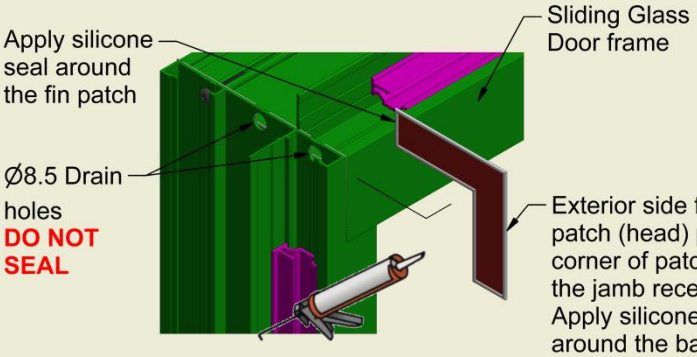


Figure 3.7 **Sealing of Fin Patch**

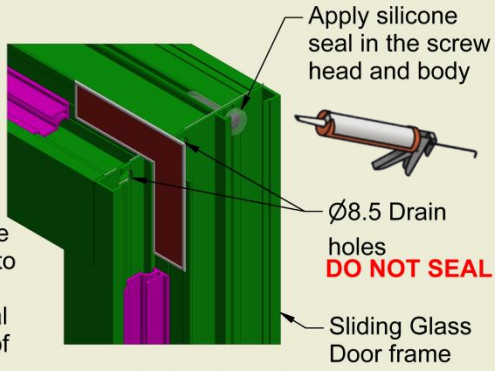


Figure 3.8 **Sealing of Screws**

IMPORTANT! There are two drain holes in the jamb extrusion at the join of the head and jamb extrusions as shown in **Figure 3.7**. These drain holes allow the 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, screwdriver or knife before the silicone dries.

IMPORTANT! The following steps will be performed if **Timber Reveals are purchased**.

Timber Reveals. **AMIA** offer Timber Reveal Kits in 3 standard reveal widths; 1) 116mm x 18mm, 2) 138mm x 18mm and 3) 185mm x 18mm. Reveals could be sourced locally too.

Your reveals may need to be trimmed to width to suit stud or wall girt depth plus wall lining and batten thickness, as shown in **Figure 3.9**. Reveals should be installed to frames before the frame is installed to the building. You will find the screws in the reveal kit.

Table 3a **TIMBER REVEAL CUTTING LENGTH**

Size of Sliding Glass Door	***Head Reveal Length, L1***	***Jamb Reveal Length, L2***
1584W x 2100H	1620	2100
1810W x 2100H	1846	2100
1963W x 2100H	1999	2100

All dimensions are in millimetres

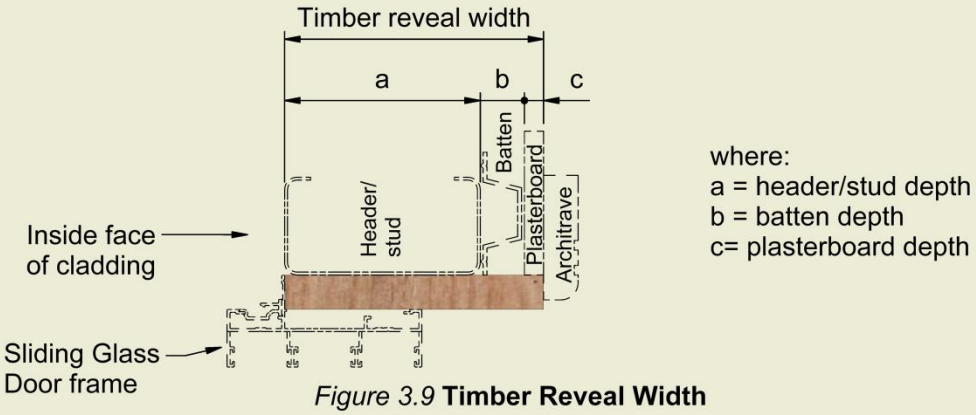


Figure 3.9 **Timber Reveal Width**

Assemble the timber reveal as shown in **Figure 3.10**. Using a portable impact driver, apply three 8#x50mm Phillips countersunk head Chipboard screws in each junction through the head reveal and into the jamb reveal as shown in **Figure 3.11**.

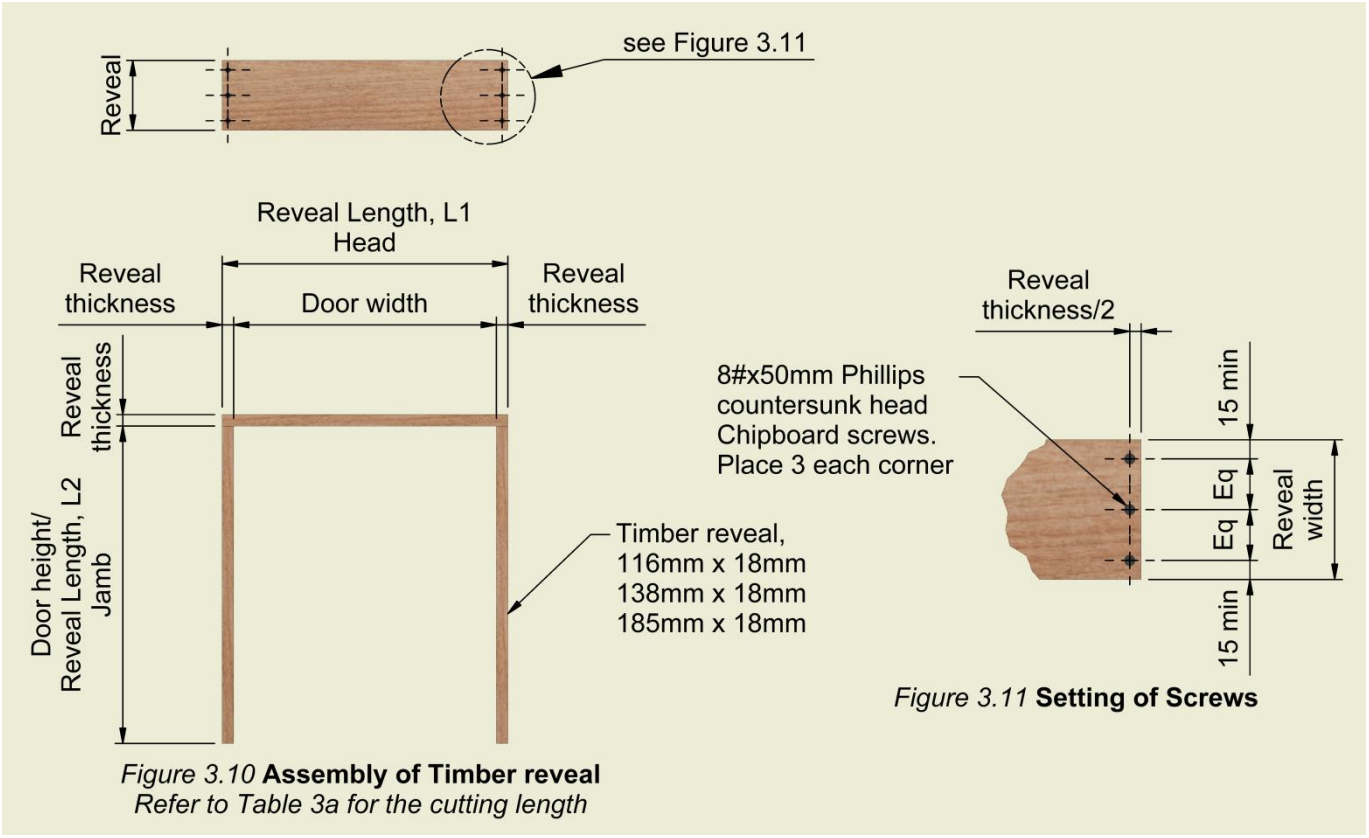


Figure 3.10 **Assembly of Timber reveal**
Refer to Table 3a for the cutting length

Figure 3.11 **Setting of Screws**

Place the timber reveals assembly (sawn edge if trimmed), behind the door frame fins and fix the timber reveal as shown in **Figure 3.12** to **3.13**. Use #8x25mm button needle point screws at 300mm maximum centres. (Staples could also be used here if you have stapling tool). Place sawn side of reveal against the fin to ensure the finished (primed) edge has the architrave applied.

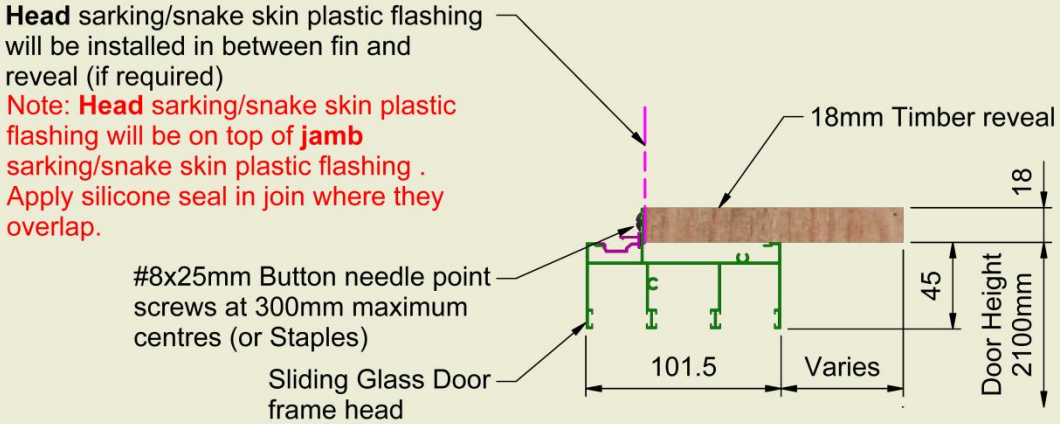


Figure 3.12 **Fixing of Timber Reveal to Door Head**

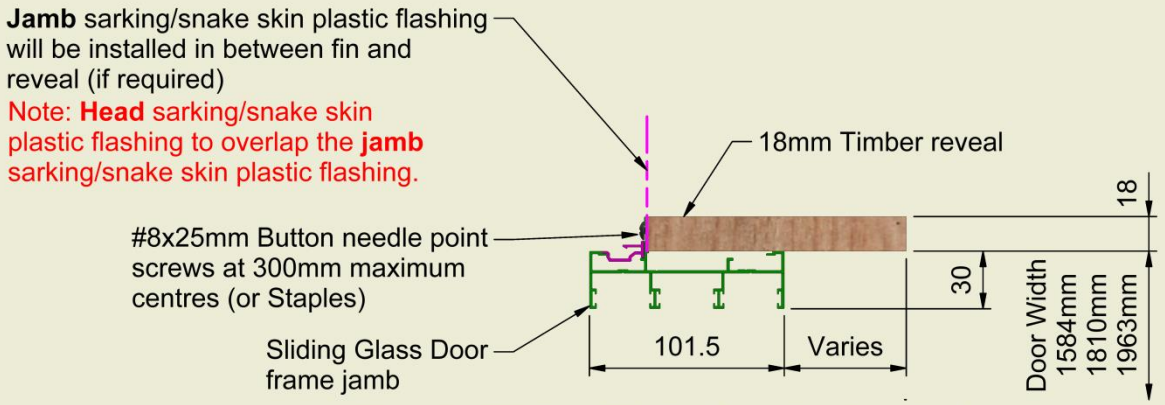


Figure 3.13 **Fixing of Timber Reveal to Door Jamb**

4. Accurately Locating the Sliding Glass Door and Cutting the Opening

AMIA recommends the installation of head flashing in order to comply with **National Construction Code 2019 Volume 2 Clause 3.4.5.6** unless windows/doors are protected by an awning or similar roof. **AMIA** do not supply flashing. Details of the 3 head flashing are found in **STEP 5** and **STEP 22.**

IMPORTANT! The cut dimensions should finish in the pan or valley equally at both jambs. **DO NOT position the jamb(s) on a ridge in the cladding.** Some builders may prefer to fix doors prior to cladding the wall; however the risk of doing this may mean adjusting the sheets to match the location of the door. **If CORRO® cladding is used; AMIA does not recommend installing Sliding Glass Door before cladding walls.**

Installation of steel mullions to Sliding Glass Door jambs can be performed during **STEP 6** to ensure it fits neatly to the door frame.

AMIA has shown 3 types of head flashing shown in **STEP 5** and an option without a Colorbond® flashing over the door head. Cut out dimensions for opening width and height are found in **Table 4a**, **Table 4b**, **Figure 4.1** and **Figure 5.1**. Slots for head and sill flashing to be cut as indicated in **Figure 5.2** and **5.3**.

Select the Sliding Glass Door position by marking the centre dimension of the door on the wall. Mark the cut out dimensions. Check the opening is level and square by checking diagonal measurements.

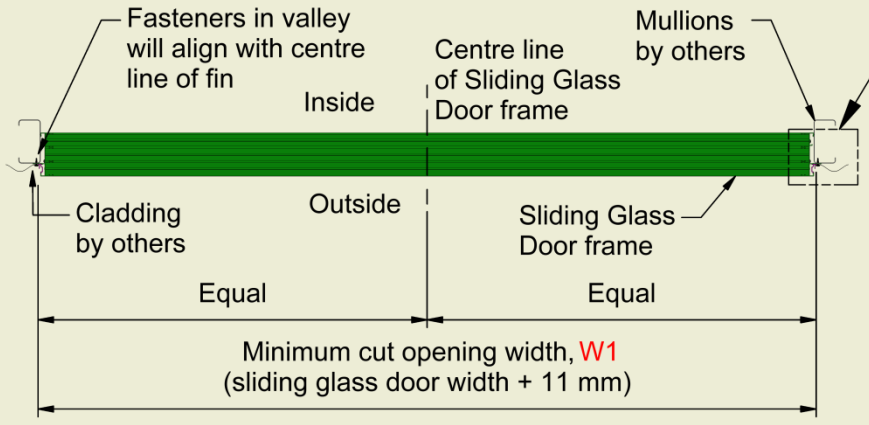


Figure 4.1 **Cutting of Cladding**

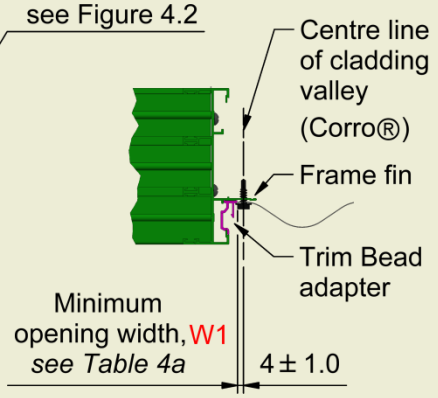


Figure 4.2

Table 4a **CLADDING STANDARD OPENING WIDTH**	
Size of Sliding Glass Door	***Minimum Opening Width, W1***
1584W x 2100H	1595
1810W x 2100H	1821
1963W x 2100H	1974

Table 4b **CLADDING STANDARD OPENING HEIGHT**		
Type of Head Flashing	***Total Opening Height, H1***	***Critical Dimension, H2***
Type 1	2132	2129
Type 2	2122	2119
Type 3 (Head Trim Bead discarded)	2105	2102
No Head Flashing	2105	no slot required

All dimensions are in millimetres

5. Head Flashing Details – (recommended and supplied by others)

AMIA recommends the installation of head flashings in order to comply with **National Construction Code 2019 Volume 2 Clause 3.4.5.6** unless doors/doors are protected by an awning or similar roof.

When satisfied that the door frame will fit the opening, install the steel lintel to accept the head flashing.

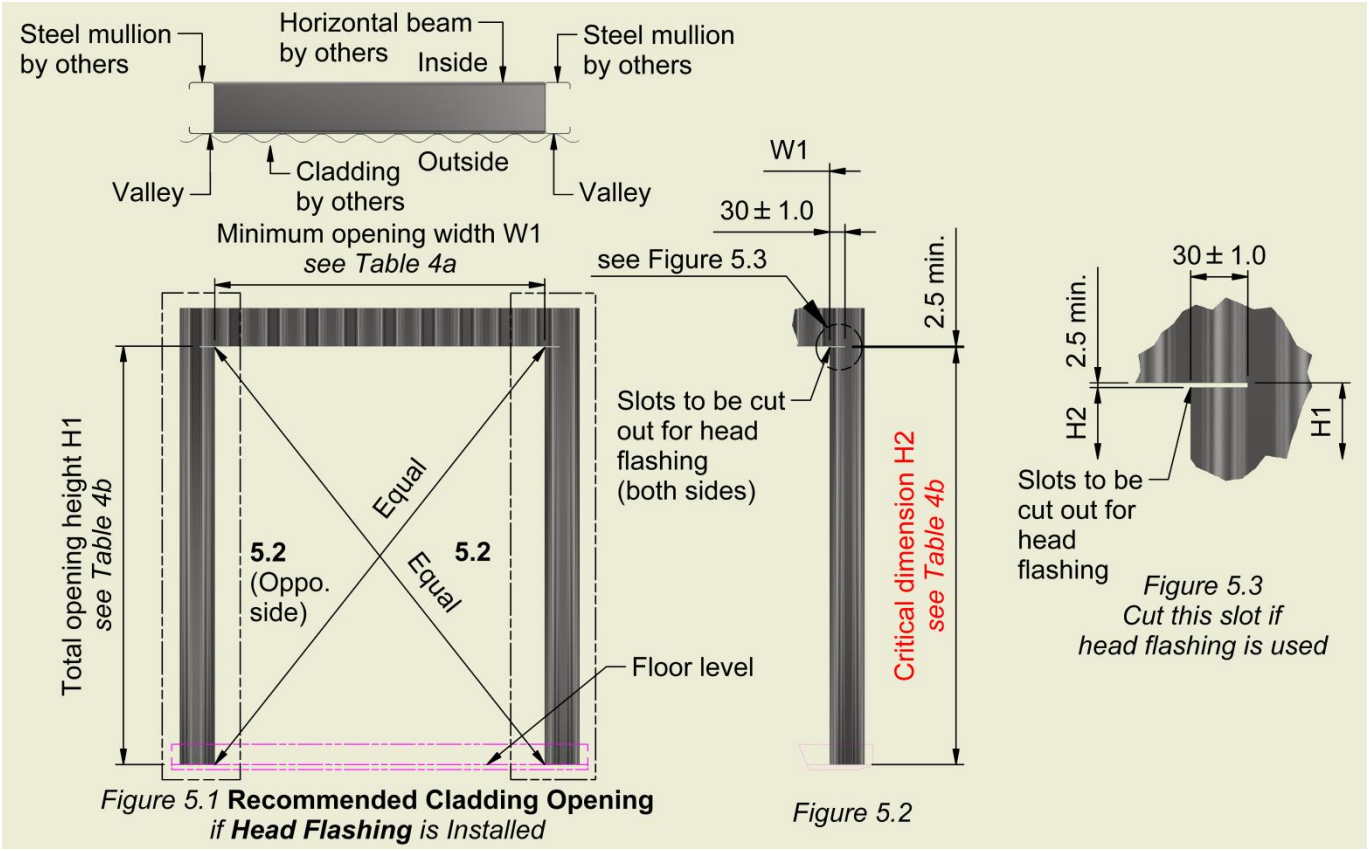


Figure 5.1 **Recommended Cladding Opening** *if* ***Head Flashing*** *is Installed*

Figure 5.2

Figure 5.3
Cut this slot if head flashing is used

There are three type of flashing to choose from. Refer to flashing drawing in **STEP 19** for the selection of the preferred type of flashing. Apply continuous silicone seal to rear leg of head flashing and apply to opening as shown in **Figure 5.4 to 5.7**.

NOTE: ALL COLORBOND FLASHINGS ARE EXCLUDED from Sliding Glass Door – must be supplied by others. Flashing are to be made from 0.55t Colorbond® steel.

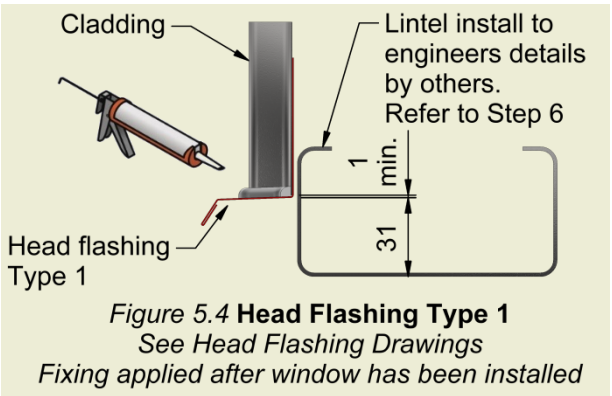


Figure 5.4 **Head Flashing Type 1**
See Head Flashing Drawings
Fixing applied after window has been installed

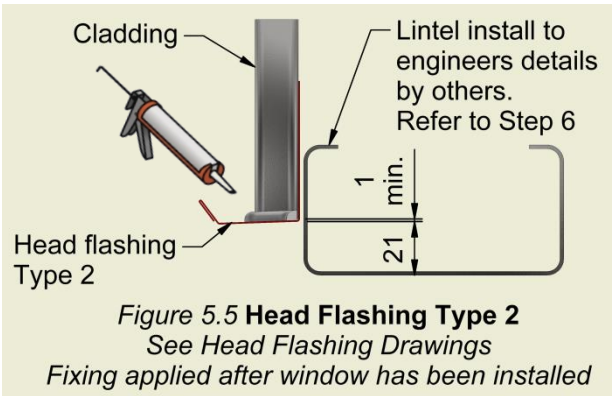


Figure 5.5 **Head Flashing Type 2**
See Head Flashing Drawings
Fixing applied after window has been installed

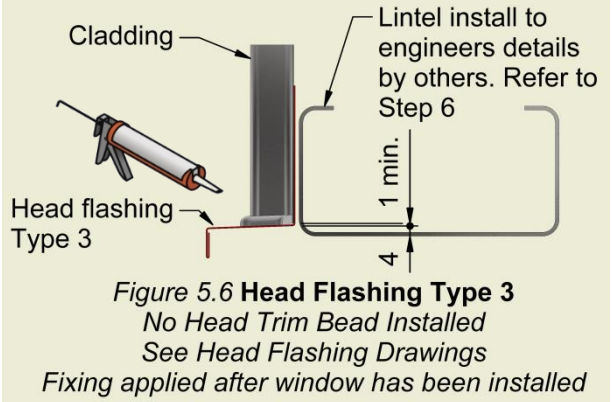


Figure 5.6 **Head Flashing Type 3**
No Head Trim Bead Installed
See Head Flashing Drawings
Fixing applied after window has been installed

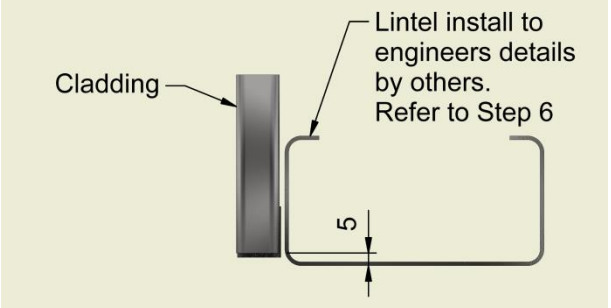


Figure 5.7 **No Head Flashing**
Fixing applied after window has been installed

6. Installation of Door Frame

Ensure opening has been correctly waterproofed and properly dry before attempting this step. Refer to **Figure 6.1**.

Place the door frame in the opening from inside the building after applying a 6mm x 6mm continuous bead of silicone seal around the external face of the fin.

Install the structural mullion and head supplied by others **plumb** and **level** in accordance with engineering requirements.

Fix the sill to the concrete slab with HILTI Impact anchor HPS-1 R 6/40x65 #260362 with A2 SS screw (or equivalent) at 450 maximum centres, as shown in **Figure 6.1**. (To be confirmed by Engineer's on a project specific basis)

Pack the jamb and screw the first self-drilling screw externally through the door fin and lintel member along the door head to hold the door in place. Check the jamb for **plumb** before fixing off completely.

Pack the head and screw the first self-drilling screw. Check for **square** and **level** of the head to the fixed jamb before fixing off completely.

Pack the remaining jamb and screw the first self-drilling screw. Check the jamb is plumb in both directions to the fixed jamb.

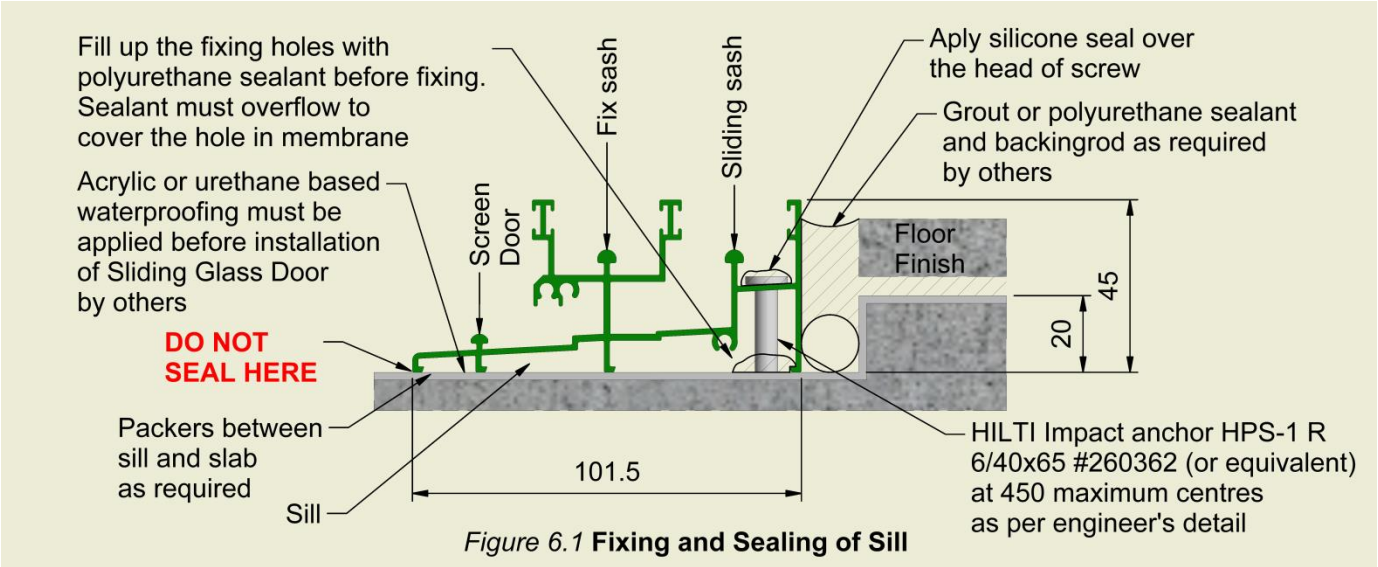


Figure 6.1 **Fixing and Sealing of Sill**

If there is **NO HEAD FLASHING** being installed - place corrugated foam infill strip between cladding and frame fin to prevent water entering inside the Sliding Glass Door frames as shown in **Figure 6.2**. This should be done before lintel is installed and applying the screws across the fin of the door head.

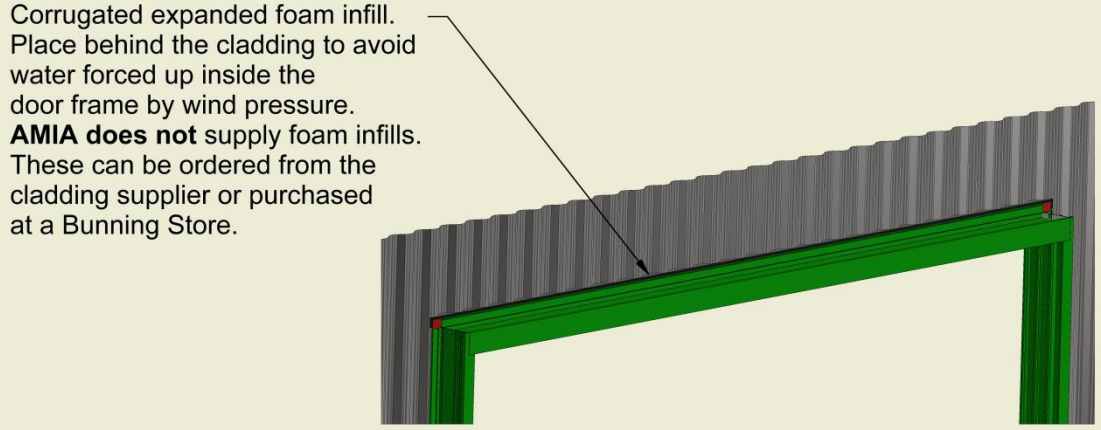


Figure 6.2 **Corrogated Expanded Foam Infill**
View from Inside

Check the door if square and level with a spirit level. If both diagonal lengths are equal, as shown in **Figure 5.1**, the door is square and ready to be firmly fixed. Apply fasteners from outside through the cladding, door fin and structural mullion and head as shown in **Figure 6.3** and **6.4**.

These screws should be 10mm away from the cut opening to align centrally with the door fin.

NOTE: **AMIA** recommend Class 4, #10 self-drilling screws at 150mm maximum centres, or, #8 gauge self-drilling screws at 125mm maximum centres for Cyclonic regions, and 300mm or 250mm centres respectively for Non Cyclonic regions. (These screws are NOT supplied by AMIA with the door.)

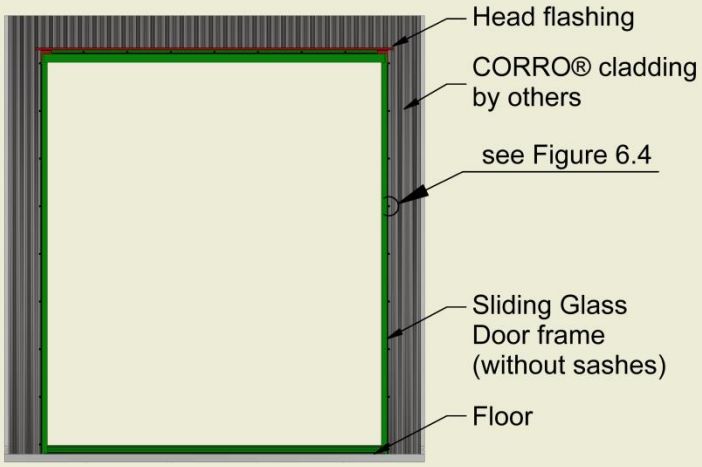


Figure 6.3 **Installation of Sliding Glass Door Frame**

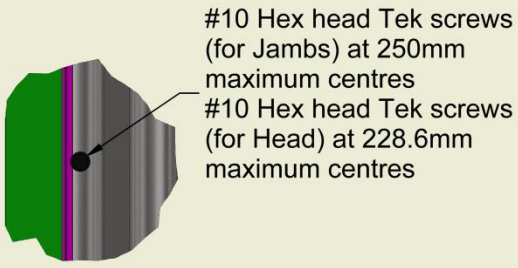


Figure 6.4 **Fixing of Sliding Glass Door Frame**

If the Sliding Glass Door is installed in a **Timber Reveal at Cyclonic regions**, additional #10x25mm Galvanised hex type 17 screws at 450mm maximum centres will be used to fix the door frame at head and jamb. See **Figure 6.5** and **6.6**.

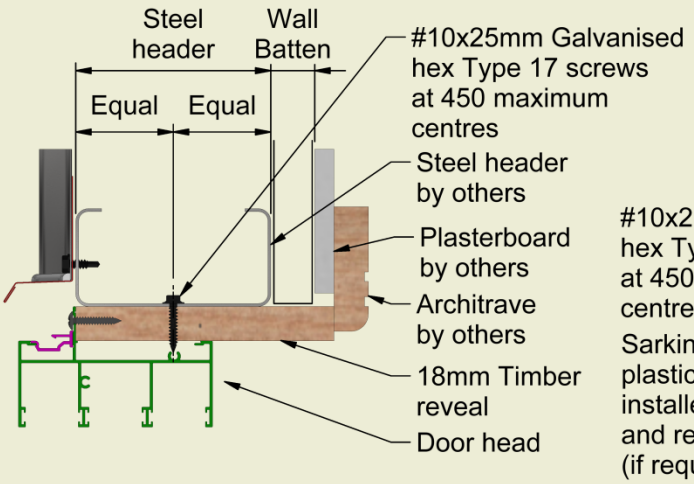


Figure 6.5 **Fixing of Head Frame**

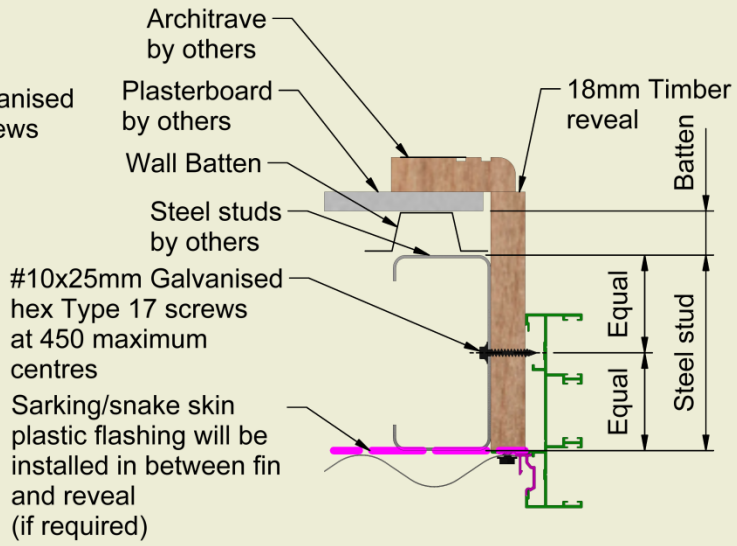


Figure 6.6 **Fixing of Jamb**

For further details on installing AMIA's internal structurally stiffening window systems, including powder coated aluminum reveals and architraves contact your local shed distributor or go to amia.com.au. Or you can click the link below:

https://amia.com.au/wp-content/uploads/2012/03/AMIA_ShedDoorstiffnerBro_V1.pdf

7. Complete the Sealing Externally

To complete the sealing AMIA recommend running 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 and around the two fin patches as shown in **Figure 7.1**.

Seal jambs to floor as shown in **Figure 7.2**.

DANGER **When tooling the silicone with your finger, check for any sharp edges in the steel removing first to avoid injury or USE a tool like a table knife.**

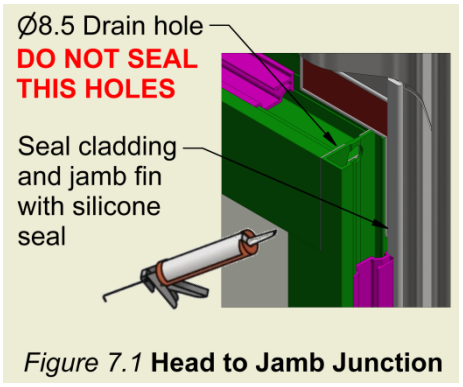


Figure 7.1 **Head to Jamb Junction**

IMPORTANT

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

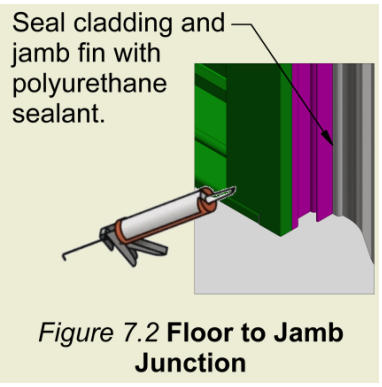


Figure 7.2 **Floor to Jamb Junction**

Apply silicone bead along cladding to seal the head flashing. Fix the flashing using #10 Hex head Tek screws as shown in **Figure 7.3** and **7.4**.

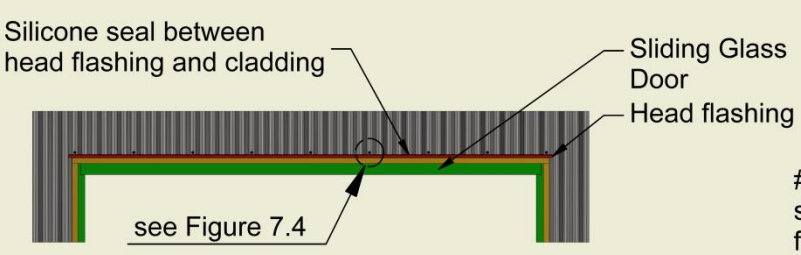


Figure 7.3 **Fixing of Head Flashing**

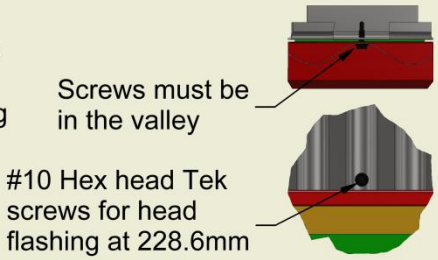


Figure 7.4

NOTE: If there is NO Head Flashing installed, make sure to seal the cladding and door as shown below **Figure 7.5**.

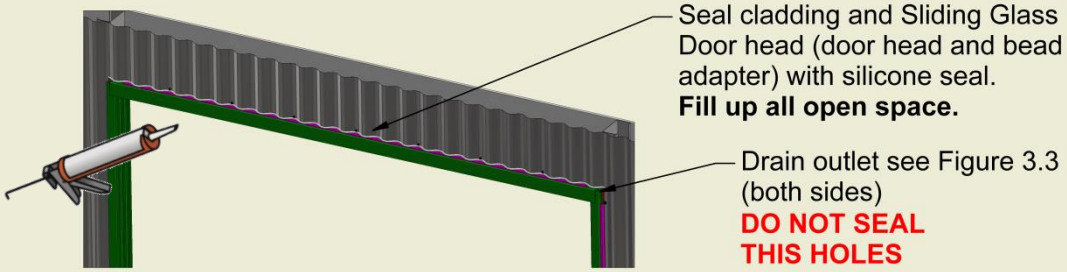


Figure 7.5 **Sealing of Head to Cladding**

8. Installation of Fixed Sash

Raise the fixed sash fully into the head frame center track. Push sash firmly across into jamb. Sashes have a high bottom rail that contains the roller carriages. Align these rollers along the center track in the sill. Adjust roller carriage using Phillips screw drivers so sash fits plumb and firmly inside the jamb.

The interlock stile must be at the center of the door frame.

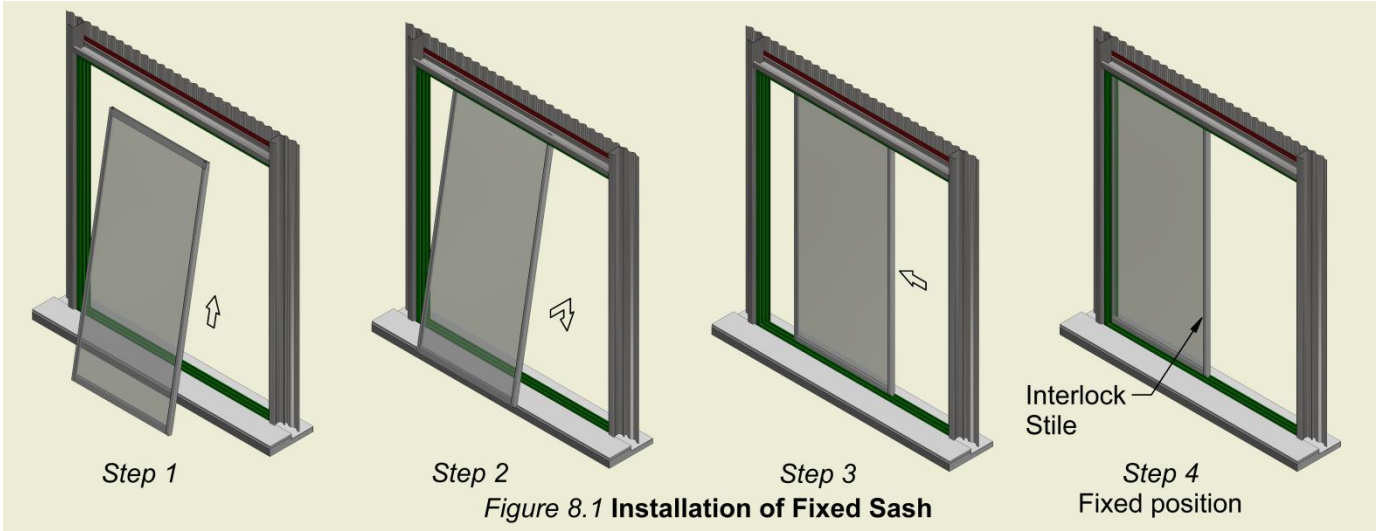


Figure 8.1 **Installation of Fixed Sash**

With the fixed sash firmly located in the jamb and plumb, place the top interlock block (found inside the latch pack) in the door frame head. Drill 4mm pilot screws in the head. Fix block with two #8x32mm pan head Phillips self-tapping screws SS (supplied screws) as shown in **Figure 8.3**.

Place the bottom interlock block (found inside the latch pack) in the door frame sill. Drill 4mm pilot screws in the head. Fix block with two #8x25mm pan head Phillips self-tapping screws SS (supplied screws) as shown in **Figure 8.4**.

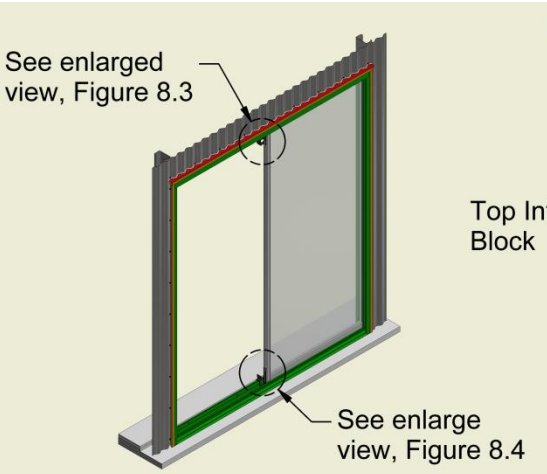


Figure 8.2 **Fixing of Top and Bottom Interlock Blocks**

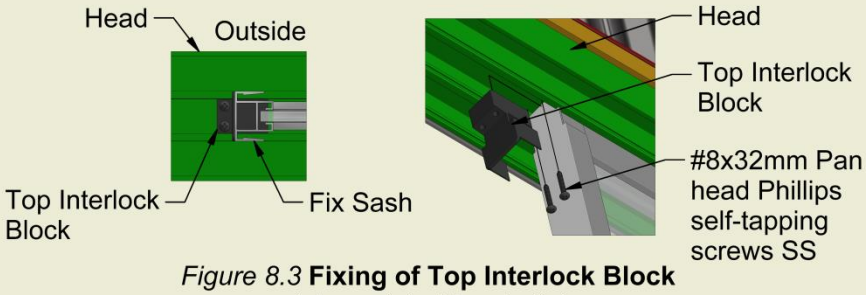


Figure 8.3 **Fixing of Top Interlock Block** *(view rotated for clarity)*

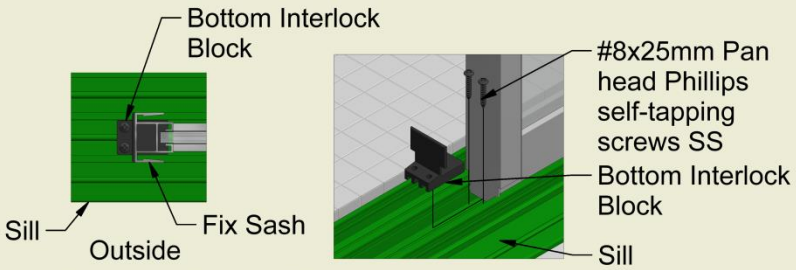


Figure 8.4 **Fixing of Bottom Interlock Block**

NOTE: DO NOT OVER TIGHTEN the screws to avoid the screw head snapping.

Place the **black** coloured door threshold profile in head and sill as shown in **Figure 8.5 to 8.7**.

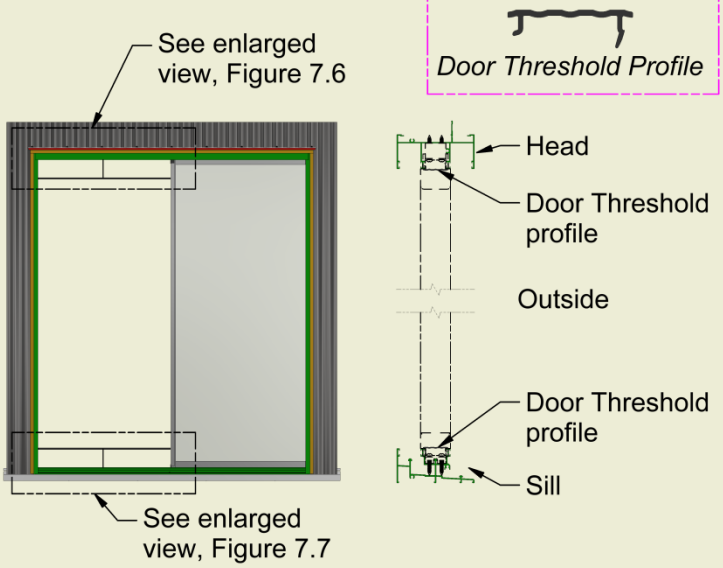


Figure 8.5 **Fixing of Door Threshold Profile**

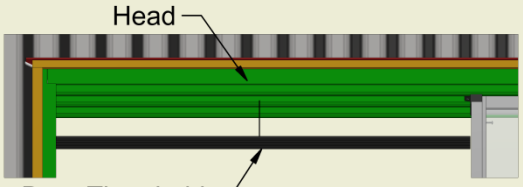


Figure 8.6 **Fixing of Door Threshold Profile (Head)** *(view rotated for clarity)*

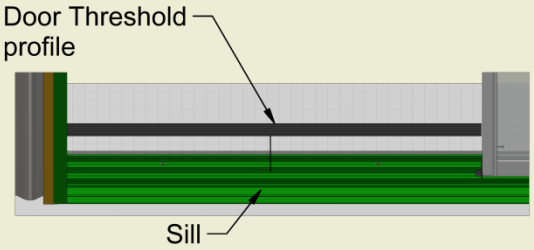


Figure 8.7 **Fixing of Door Threshold Profile (Sill)** *(view rotated for clarity)*

NOTE: These profiles butt to the plastic interlock blocks.

9. Installation of Sliding Sash and Slide-on Mullion

NOTE: The mullion must be attached as instructed to be structurally **Compliant**.

i) Remove and keep the two screws from the mullion adaptor top and bottom as shown in **Figure 9.1**. Slide the **slide-on mullion** into the mullion adapter as shown in **Figure 9.2 and 9.3** until pre drilled holes align. Fix the slide-on mullion to the sliding sash using the two screws removed through the 2 x Ø4.5mm holes in the mullion.

Figure 9.1 **Mullion Screws**

ii) Insert the black mullion endcaps in the top and bottom of the mullion as shown in **Figure 9.4**.

NOTE: AMIA recommends using hand operated screw drivers to ensure threads are not stripped or screw heads breaking off.

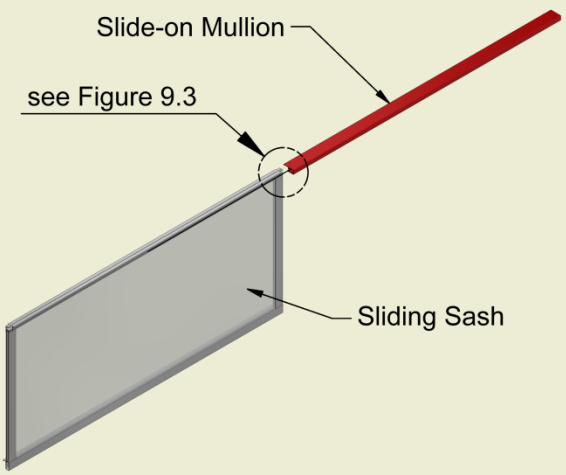


Figure 9.2 **Installation of Slide-on Mullion to Sliding Sash**

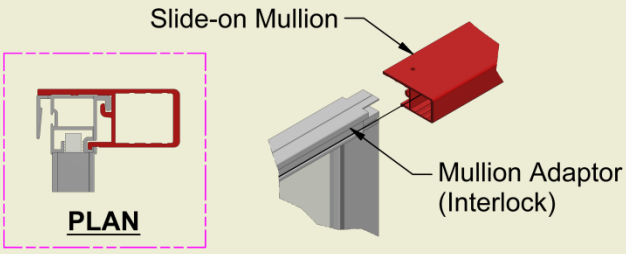


Figure 9.3 **Installation of Slide-on Mullion**

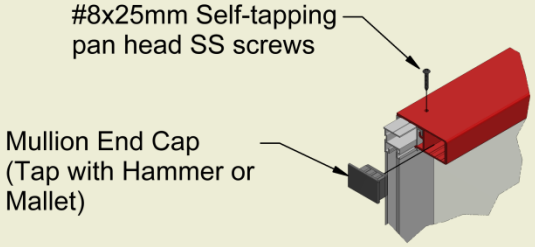


Figure 9.4 **Fixing of Mullion and Mullion End Caps**

iii) Place the Sliding Glass Door sash firmly into the inner most head sill tracks. Adjust roller carriage using Phillips screw drivers so rollers glide smoothly over the track when closing/opening and it fits plumb inside the jamb.

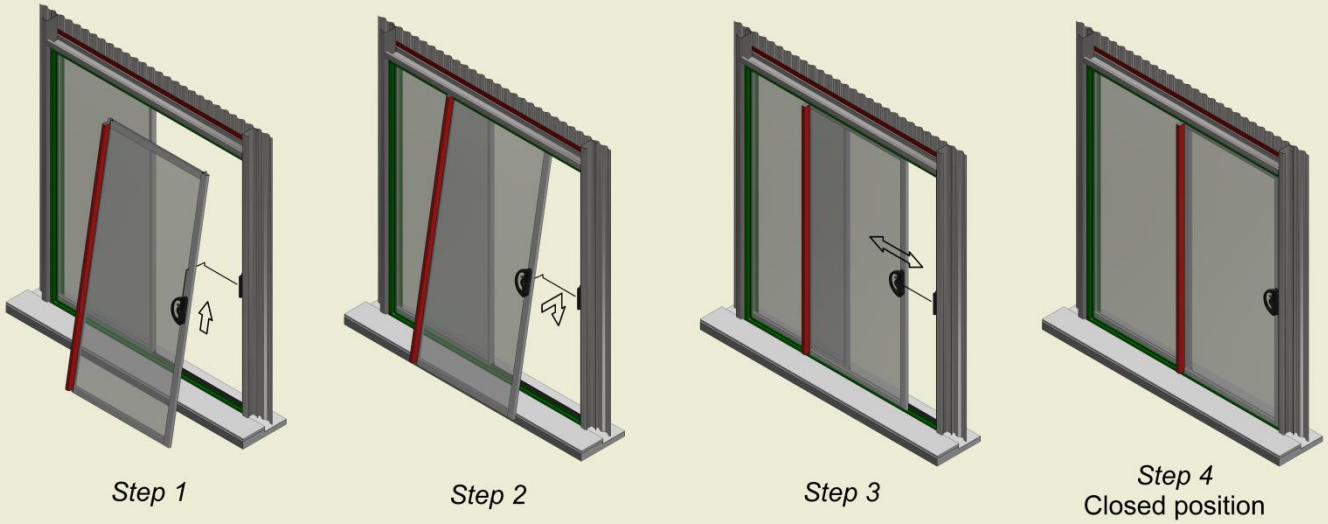


Figure 9.5 **Installation of Sliding Sash**

iv) Fit the latch/lockset to Sliding Glass Door. Refer to Lock Manufacturer's Installation Instructions supplied. These instructions are found inside the latch/lockset pack. The lock keeper is preset in the factory by AMIA. Adjust wheels in sliding sash to adjust the alignment of the sliding sash and lock to the keeper.

10. Installing the Trim Beads

NOTE: Trim Beads and Trim Bead Adapters do not come standard with the Sliding Glass Door. It is an optional extra that can be ordered with the door.

Head Trim Beads. If you are using the "CORRO®" cladding profiles, and it runs **vertically,** you will need to trim the Trim Bead to the head. If the cladding runs **horizontally**, then the jamb's Trim Beads only need to be trimmed. These Trim Beads can be trimmed with a hacksaw or tin snips. Trimming is only required when installing to "CORRO®" profile as shown in **Figure 10.1** and **10.2**.

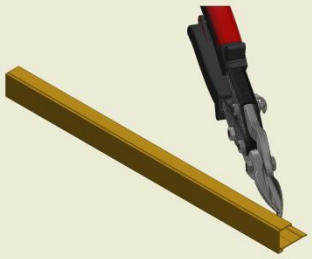


Figure 10.1 **Trimming of Head Trim Bead**

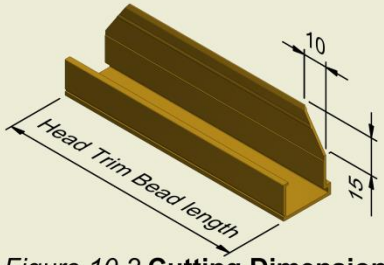


Figure 10.2 **Cutting Dimension of Head Trim Bead - both ends**

NOTE: IF YOU ARE USING 28mm PROFILE CLADDING ("TRIMDECK®"and "MONOCLAD®"). The Trim Beads along the head require removal of part of the Trim Bead.

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

There is 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. Refer to **Figure 10.3** and **10.4**. 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 "V". Continue rotating the pliers removing the metal along the entire length of the Trim Bead.

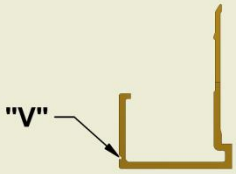
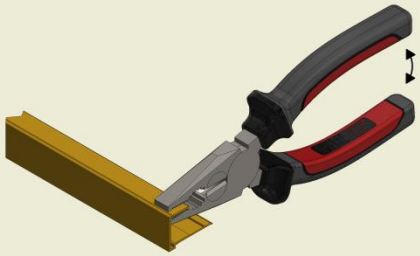
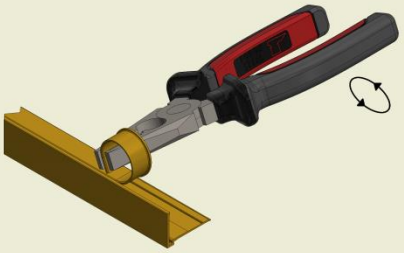


Figure 10.3 **Trim Bead "V"**



Step 1

Figure 10.4



Step 2

The head Trim Bead is longer than the head and sill dimensions

- Install the two vertical **jamb** Trim Beads. Check the alignment of the Trim Beads and if they are not correctly aligned, they can be "tapped" left or right using a nylon mallet or timber block – tap until correct alignment is achieved. Allow 4 mm offset from the base of the Sliding Glass Door – this will allow the base of the jamb Trim Bead to rest in the crimped zone in the Trim Bead Adapter shown in **Figure 3.6**.
- Align the **head** Trim Bead making it equidistant past the edge of the door jambs on both ends. It should align with the jamb Trim Beads. Guide the longer leg of the Trim 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 door frame. If the Trim Bead is resting against the door frame, it is correctly installed. A rubber mallet is an ideal tool for this operation.

11. Installing the Trim Bead Extension

NOTE: Trim Bead Extensions do not come standard with the Sliding Glass Door. It is an optional extra that can be ordered with the door.

The Trim Bead Extension (filler) usually goes on the vertical edge of the Trim Bead to hide fasteners from view. This is the last step in installing the door. It can be used on metal cladding profiles like "Trimdeck®", "Monoclad®", "Multiclad®" and "Kpanel®". Trim Bead Extensions are **NOT REQUIRED** for "CORRO®" profiles.

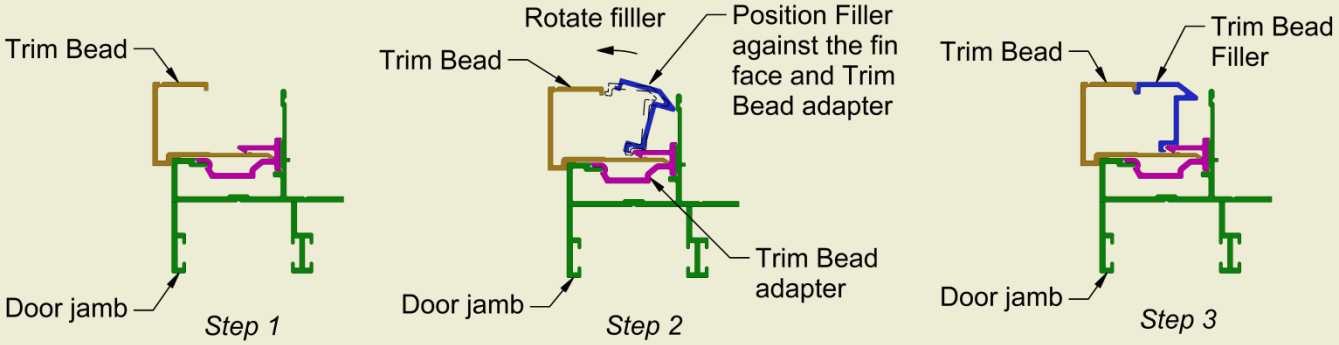


Figure 11.1 **Installation the Trim Bead Filler**

Part B. FOR HORIZONTALLY FIXED STEEL CORRO® CLADDING

12. Assembly of Door Frame

Assemble the Sliding Glass Door frame as instructed in **STEP 2**

13. Installation of Fin Patches, Trim Bead Adapters and Timber Reveals

NOTE: Trim Beads, Trim Bead Adapters and Timber Reveals do not come standard with the Sliding Glass Door. It is an optional extra that can be ordered with the door. If you do not have Trim Beads supplied proceed to install fin patches shown in Figure 3.1 and 3.5.

Install the Fin Patches as instructed in **STEP 3**.

If Trim Beads and Trim Bead Adapters are purchased, install Trim Bead Adapters as instructed in **STEP 3**.

If Timber Reveals are purchased, install as instructed in **STEP 3**.

14. Accurately Locating the Sliding Glass Door and Cutting the Opening

IMPORTANT! The head of the Sliding Glass Door should be located in the pan or valley of the cladding. Pack the sill to achieve the ideal height, see **Figure 14.3**. Some builders may prefer to fix doors prior to cladding the wall; however the risk of doing this may mean adjusting the sheets to match the location of the door. **If CORRO® cladding is used; AMIA does not recommend installing Sliding Glass Door before cladding walls.**

Select the Sliding Glass Door position by marking the centre dimension of the door on the wall. Mark the cut out dimensions. Check the opening is level and square by checking diagonal measurements as shown in **Figure 14.1**.

Installation of steel mullions to Sliding Glass Door jambs can be performed during **STEP 5** to ensure it fits neatly to the door frame.

AMIA recommends installing a head flashing. AMIA has shown 3 types of head flashing shown in **STEP 16** and an option without a Colorbond® flashing over the door head. Cut out dimensions for opening width and height are found in **Table 4b** in **STEP 4**, **Table 14a**, and **Figure 14.1**. Slots for head and sill flashing to be cut as indicated in **Figure 14.2** and **14.3**.

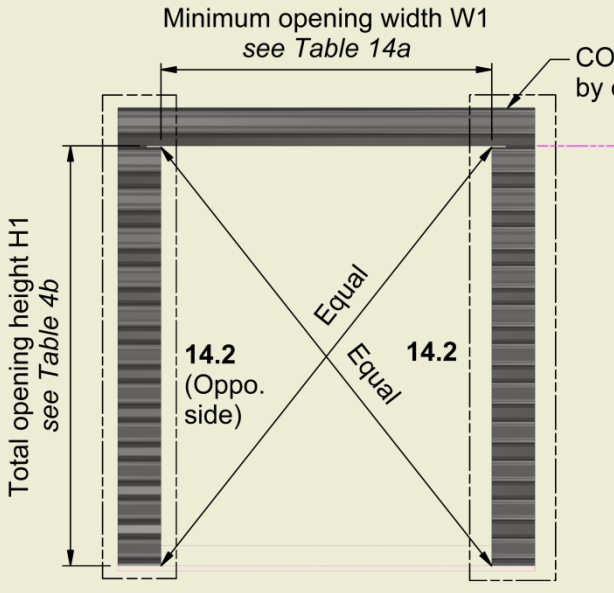


Figure 14.1 **Recommended Cladding Opening** *if* ***Head Flashing*** *is Installed*

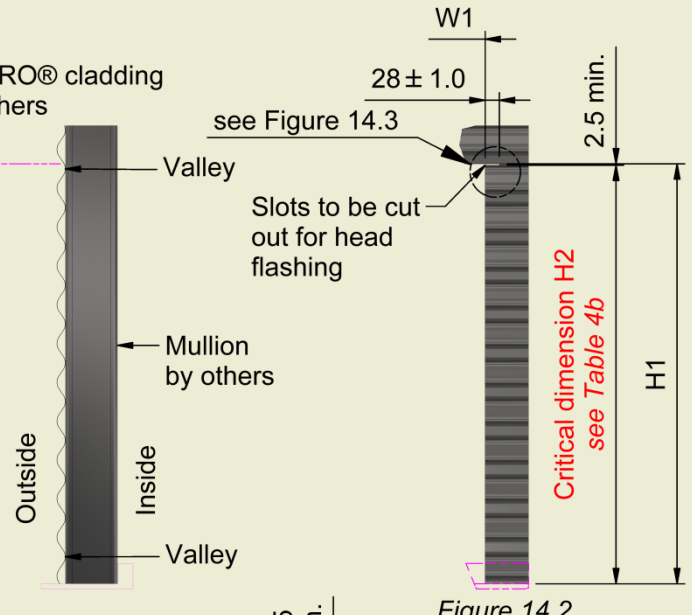


Figure 14.2

Type of Flashing	Ideal Height, X
Type 1 Head Flashing	60
Type 2 Head Flashing	50
Type 3 Head Flashing	33

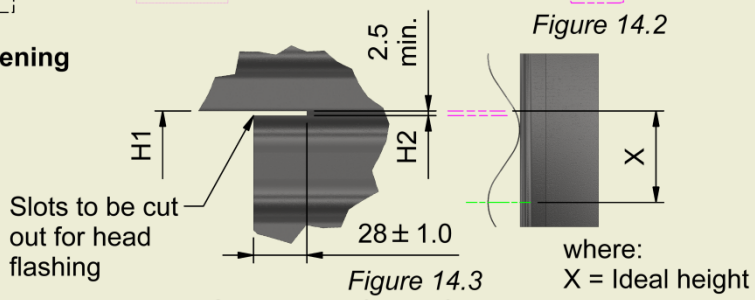


Figure 14.3
Cut this slot if head flashing is used

Table 14a **CLADDING STANDARD OPENING WIDTH (Horizontal)**	
Size of Sliding Glass Door	***Minimum Opening Width, W1***
1584W x 2100H	1599
1810W x 2100H	1825
1963W x 2100H	1978

All dimensions are in millimetres

15. Installing of Flashings – (recommended and supplied by others)

AMIA recommends the installation of head flashing in order to comply with **National Construction Code 2019 Volume 2 Clause 3.4.5.6** unless windows/doors are protected by an awning or similar roof. **AMIA** do not supply flashing. Details of the 3 head flashing are found in **STEP 21.**

Apply continuous silicone seal to jamb flashing and apply to opening. See **Figure 13.2**.

Apply continuous silicone seal to rear leg of head flashing and apply to opening. See **Figure 13.3**.

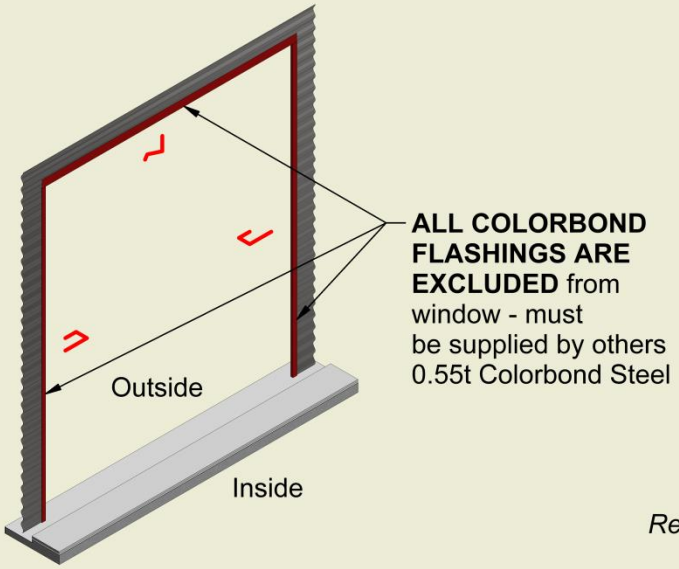


Figure 15.1 **Installation of Flashings**

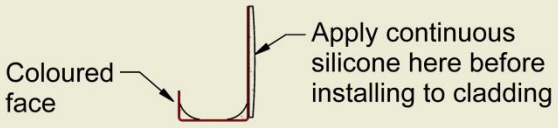


Figure 15.2 **Jamb Flashing**

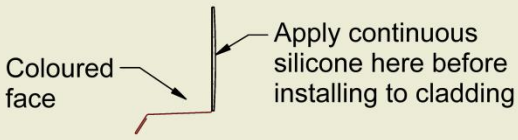


Figure 15.3 **Head Flashing**

Reminder: There are 3 Types of Head Flashing
See Head Flashing Drawings

16. Installation of Door Frame

NOTE: If timber reveals are required, go to STEP 15 and install reveals to door frame before attempting this step.

Perform frame sealing as shown in **STEP 3** before fixing door to building. Use #10 Hex head Tek screws to fix the door frame as shown in **Figure 16.1** and **16.2.** Sealing of Sliding Glass Door frame to flashing are found over.

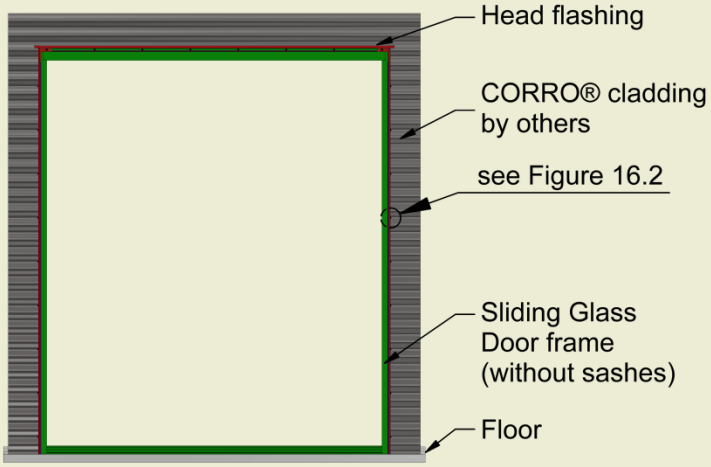


Figure 16.1 **Fixing of Sliding Glass Door Frame**

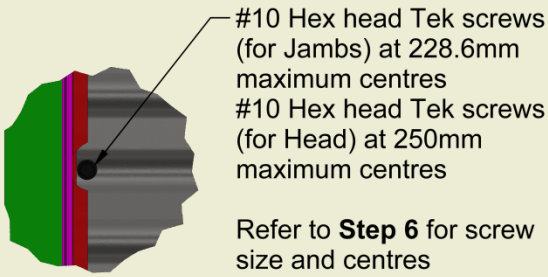


Figure 16.2

NOTE: Complete the fixing of door frame after both jamb flashings are installed. Affix Hex head Tek screws to head flashings after door and Trim Beads are installed so head flashing can be perfectly aligned to Door frame.

Full silicone seal is required between Sliding Glass Door frame (jamb) and jamb flashing to waterproof.

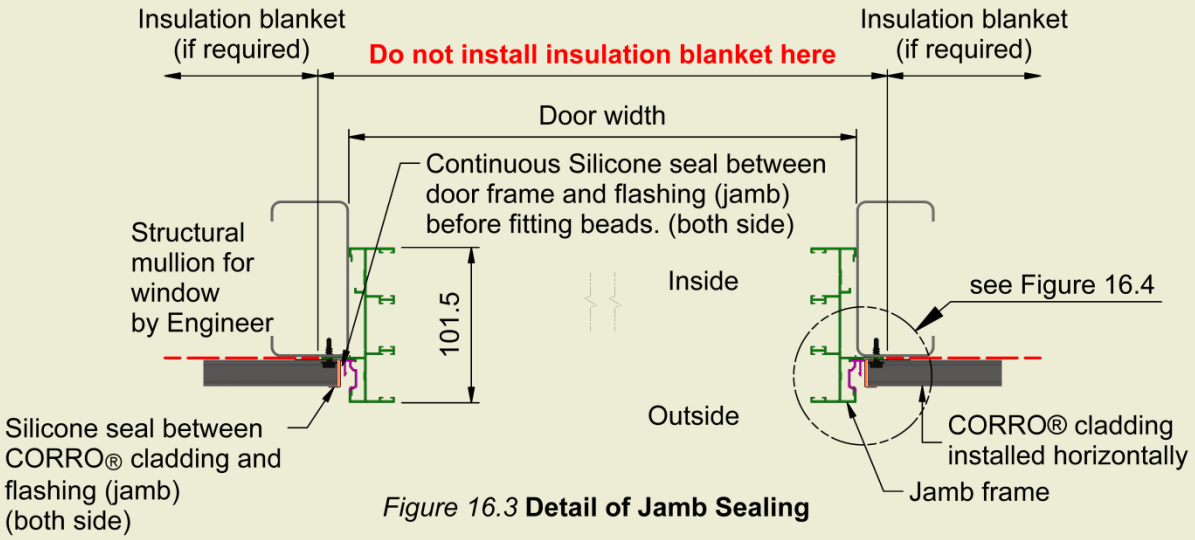


Figure 16.3 **Detail of Jamb Sealing**

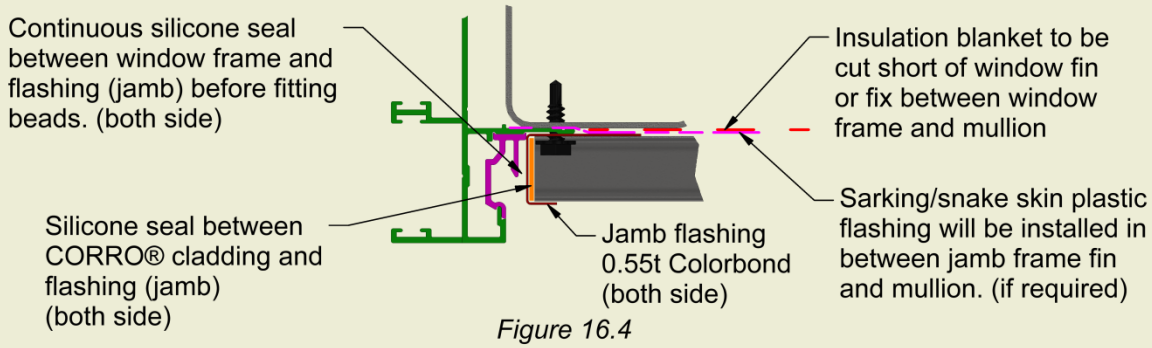


Figure 16.4

WARNING! DO NOT FIX INSULATION BLANKET BETWEEN DOOR FIN AND FLASHINGS. TRIM BEADS MAY NOT ENGAGE

NOTE:

a. **ALL FLASHINGS ARE EXCLUDED** from door – must be supplied by others
b. Properly seal the Door side
c. Sarking/snake skin plastic flashings, timber reveals and architraves are to be supplied by builder (if required). **Or can be ordered from AMIA as extra products**

17. Complete Sealing all Flashing to Cladding

Complete all sealing before applying Trim Beads. Refer to **STEP 5** in Standard Door Install Brochure to fit Trim Beads.

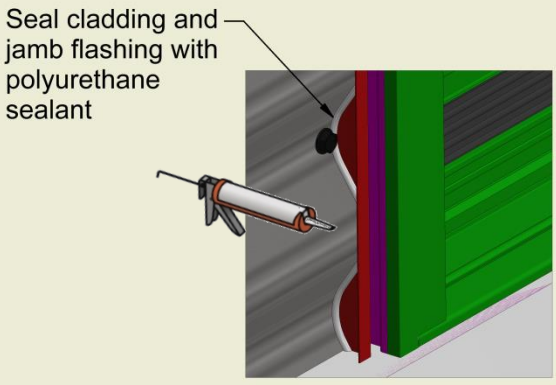


Figure 17.1 **Sealing of Cladding and Flashing (Jamb)**

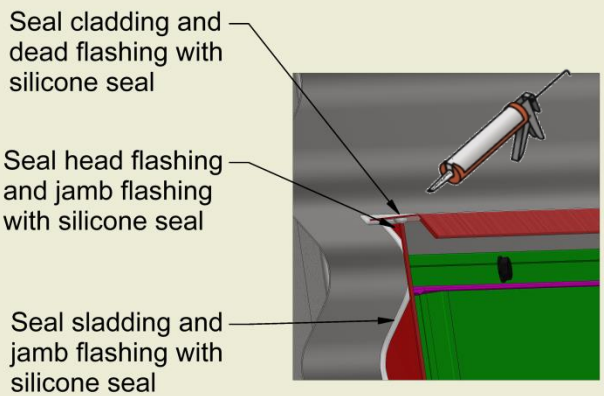


Figure 17.2 **Sealing of Cladding and Flashing (Head)**

18. Installation of Fixed Sash

Follow **STEP 8** to install fixed sash, interlock blocks and door threshold

19. Installation of Sliding Sash

Follow **STEP 8** to install sliding sash and lock

20. Installing the Trim Beads

NOTE: Trim Beads and Trim Bead Adapters do not come standard with the Sliding Glass Door. It is an optional extra that can be ordered with the door.

Align the head Trim Bead first making it equidistant past the edge of the door jambs on both ends. Guide the longer leg of the Trim 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 door frame. If the Trim Bead is resting against the door frame, it is correctly installed.

Next install the two vertical jamb Trim Beads. Check the alignment of the Trim Beads and if they are not correctly aligned, they can be “tapped” left or right using a nylon mallet or timber block – tap until correct alignment is achieved.

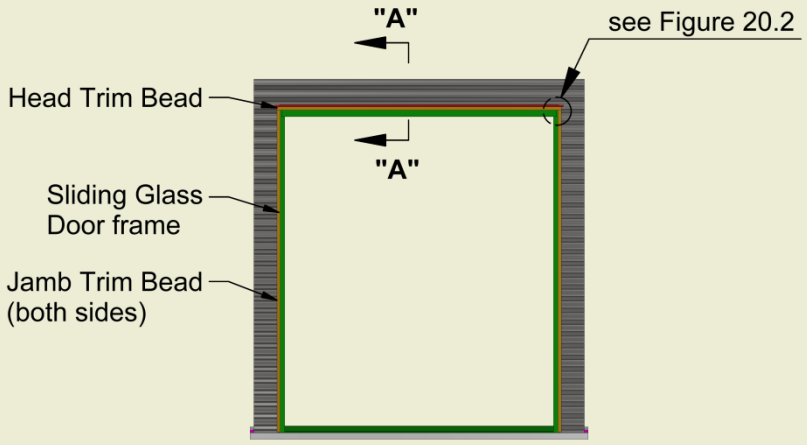


Figure 20.1 **Installation of Trim Beads**

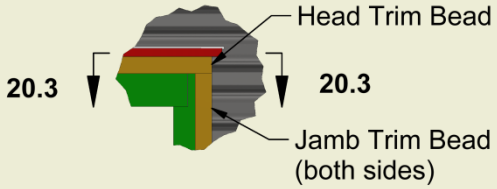
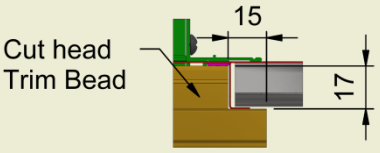
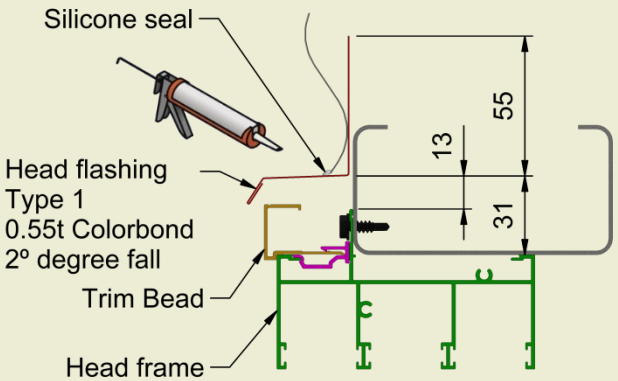


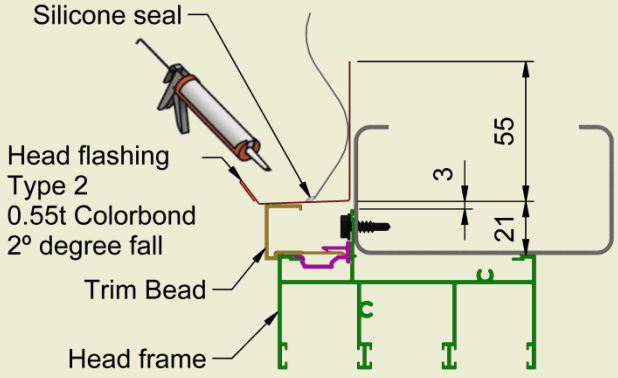
Figure 20.2 **Head Trim Bead**



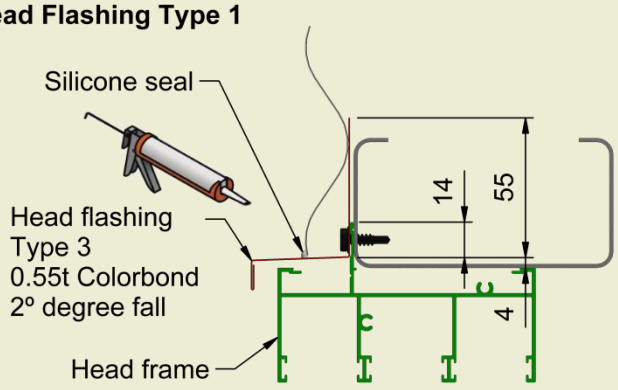
Detail 20.3 **Cutting of head Trim Bead**



View "A" - "A"
i. Head Flashing Type 1



View "A" - "A"
ii. Head Flashing Type 2



View "A" - "A"
iii. Head Flashing Type 3

NOTE:

a. **ALL FLASHINGS ARE EXCLUDED** from door – must be supplied by others
b. Properly seal the door side
c. Sarking/snake skin plastic flashings, timber reveals and architraves are to be supplied by builder (if required). **Or can be ordered from AMIA as extra products.**

Part C. FOR HORIZONTALLY FIXED STEEL CORRO® CLADDING

21. Installation of Sliding Glass Door, with Timber Reveal and Architraves

Pre drill steel framing (lintel, sill plate and mullions) with Ø4.5 holes for needle point screws at 300 maximum centres.

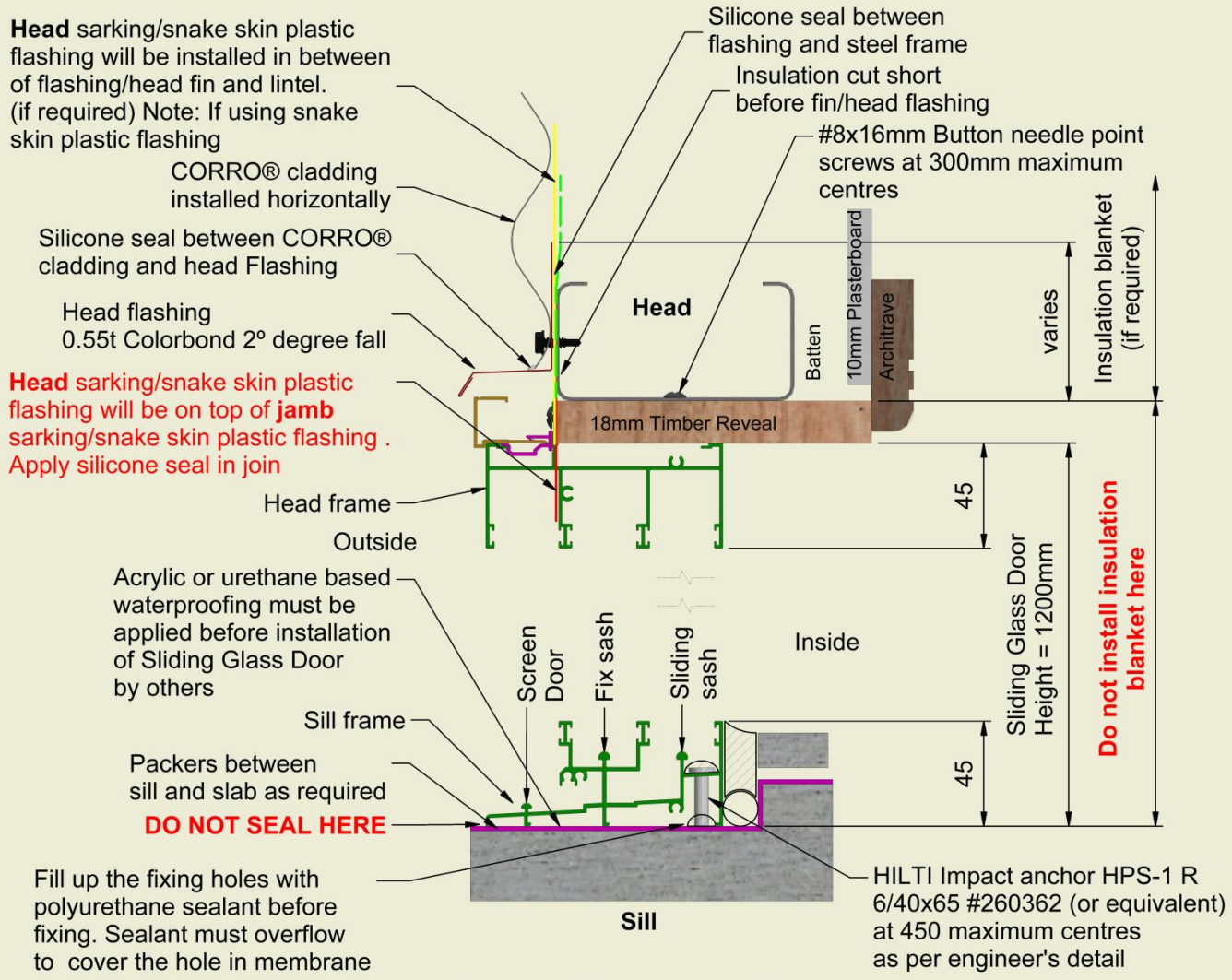


Figure 21.1 **Head and Sill Sealing Detail**

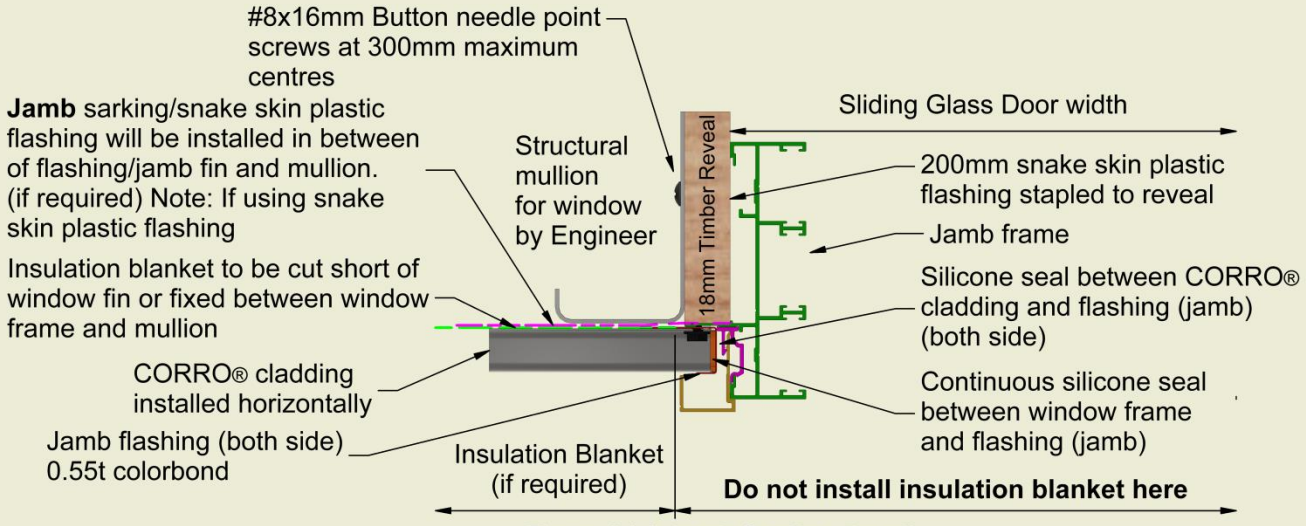


Figure 21.2 **Jamb Sealing Detail**

22a. Head Flashing Type 1 – (recommended and supplied by others)

Full silicone seal is required between Sliding Glass Door frame (head and sill) and CORRO® cladding to waterproof. We recommend this step for all types of cladding profiles. Refer to Head and Sill Sealing Detail below

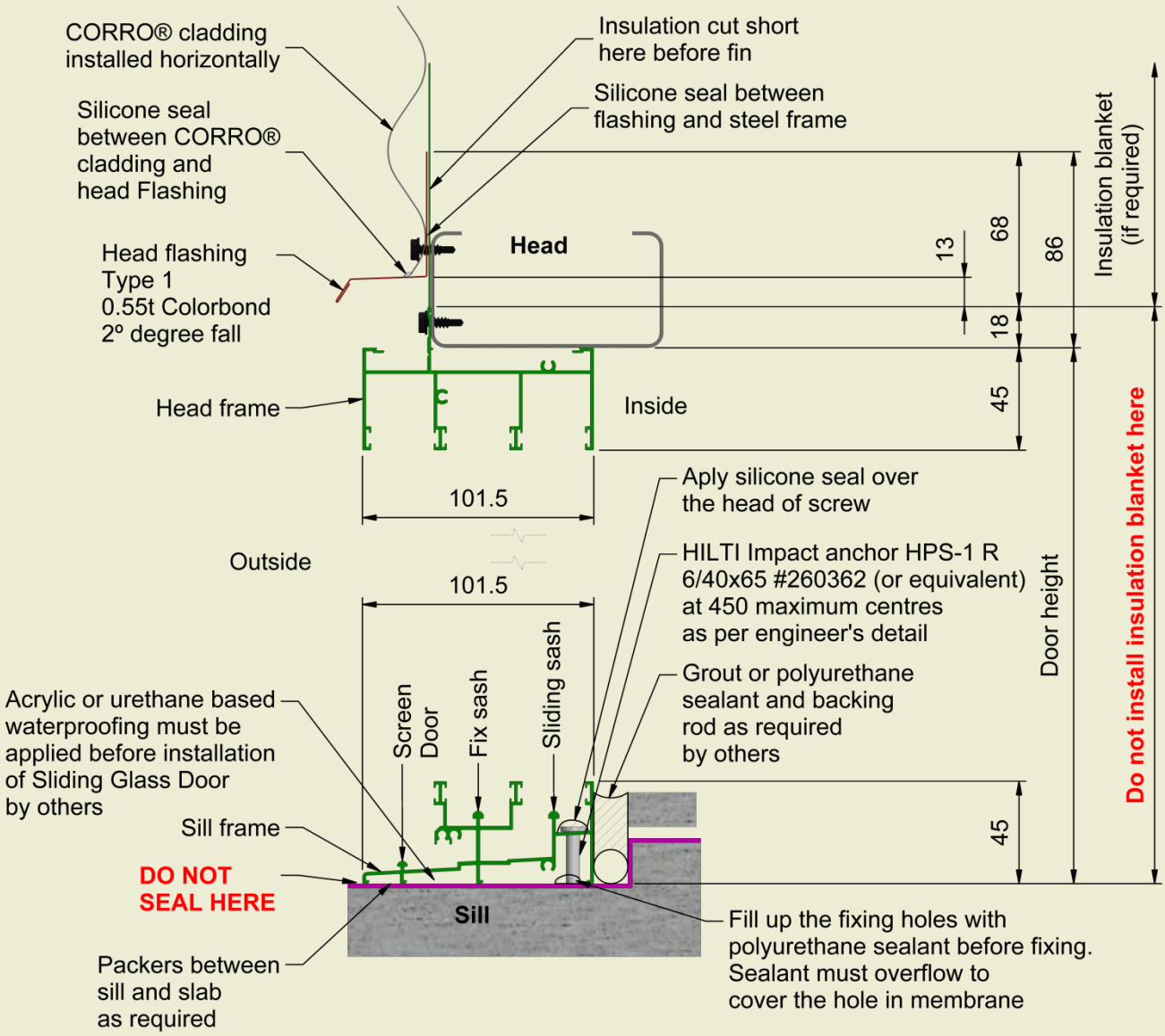


Figure 22a **Detail of Head & Sill Sealing**
Head Flashing Type 1

REMINDERS:

a. This step is for **Head Flashing Type 1**
b. Snake skin jamb flashing to overlap snake skin sill flashing 150mm (min). Snake skin sill flashing to overlap insulation blanket if required
c. Jamb plastic flashing **TO OVERLAP externally** the sill flashing

NOTE:

a. **ALL FLASHINGS ARE EXCLUDED** from door – must be supplied by others
b. Properly seal the door side
c. Sarking/snake skin plastic flashings, timber reveals and architraves are to be supplied by builder (if required). **Or reveals and plastic flashing can be ordered from AMIA as extra products. AMIA does not supply architraves**

22b. Head Flashing Type 2 – (recommended and supplied by others)

Full silicone seal is required between Sliding Glass Door frame (head and sill) and CORRO® cladding to waterproof. We recommend this step for all types of cladding profiles. Refer to Head and Sill Sealing Detail below

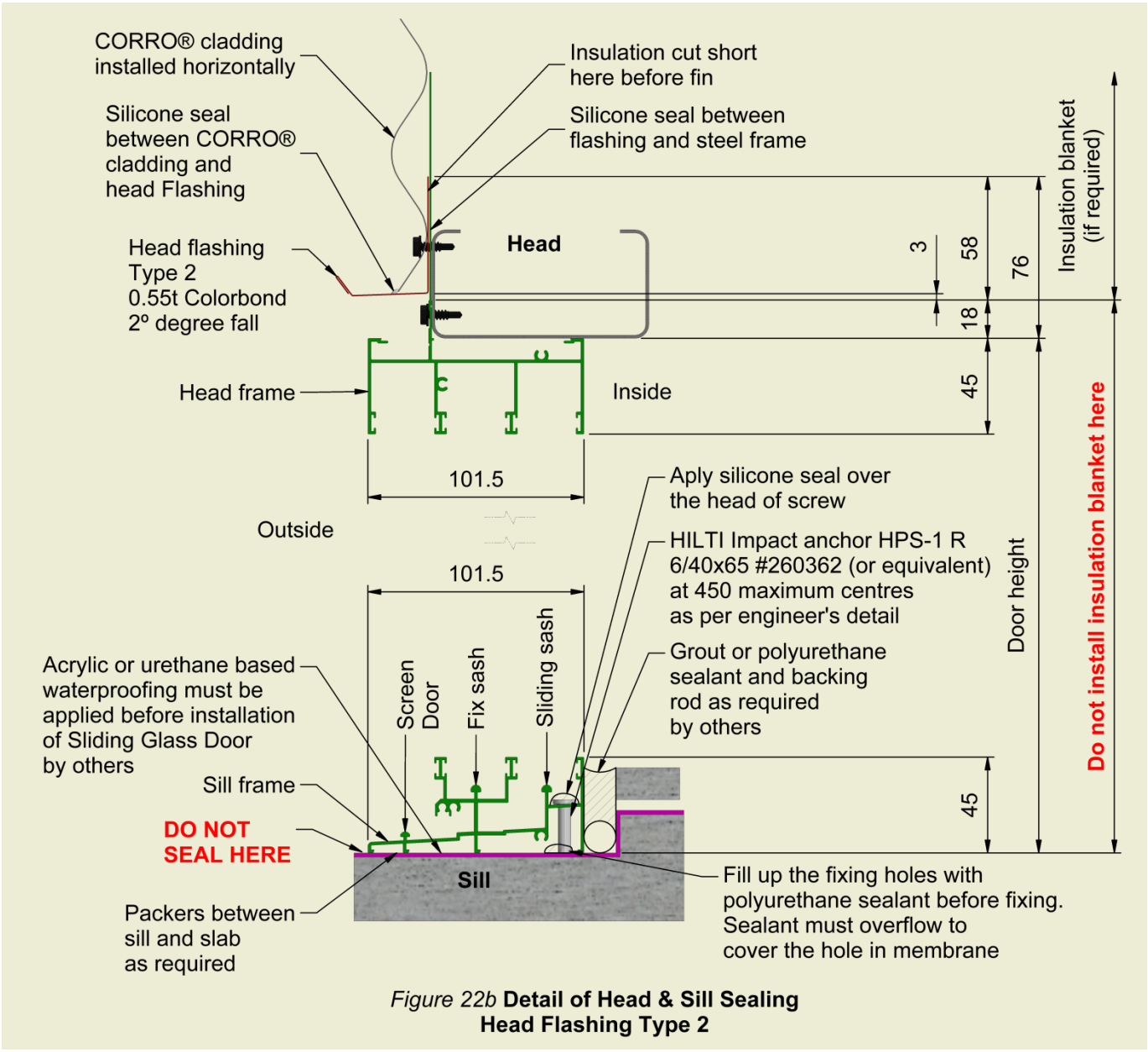


Figure 22b **Detail of Head & Sill Sealing Head Flashing Type 2**

REMINDERS:

a. This step is for **Head Flashing Type 1**
b. Snake skin jamb flashing to overlap snake skin sill flashing 150mm (min). Snake skin sill flashing to overlap insulation blanket if required
c. Jamb plastic flashing **TO OVERLAP externally** the Sill flashing

NOTE:

a. **ALL FLASHINGS ARE EXCLUDED** from door – must be supplied by others
b. Properly seal the door side.
c. Sarking/snake skin plastic flashings, timber reveals and architraves are to be supplied by builder (if required). **Or reveals and plastic flashing can be ordered from AMIA as extra products. AMIA does not supply architraves**

22c. Head Flashing Type 3 – (recommended and supplied by others)

Full silicone seal is required between Sliding Glass Door frame (Head and Sill) and CORRO® cladding to waterproof. We recommend this step for all types of cladding profiles. Refer to Head and Sill Sealing Detail below

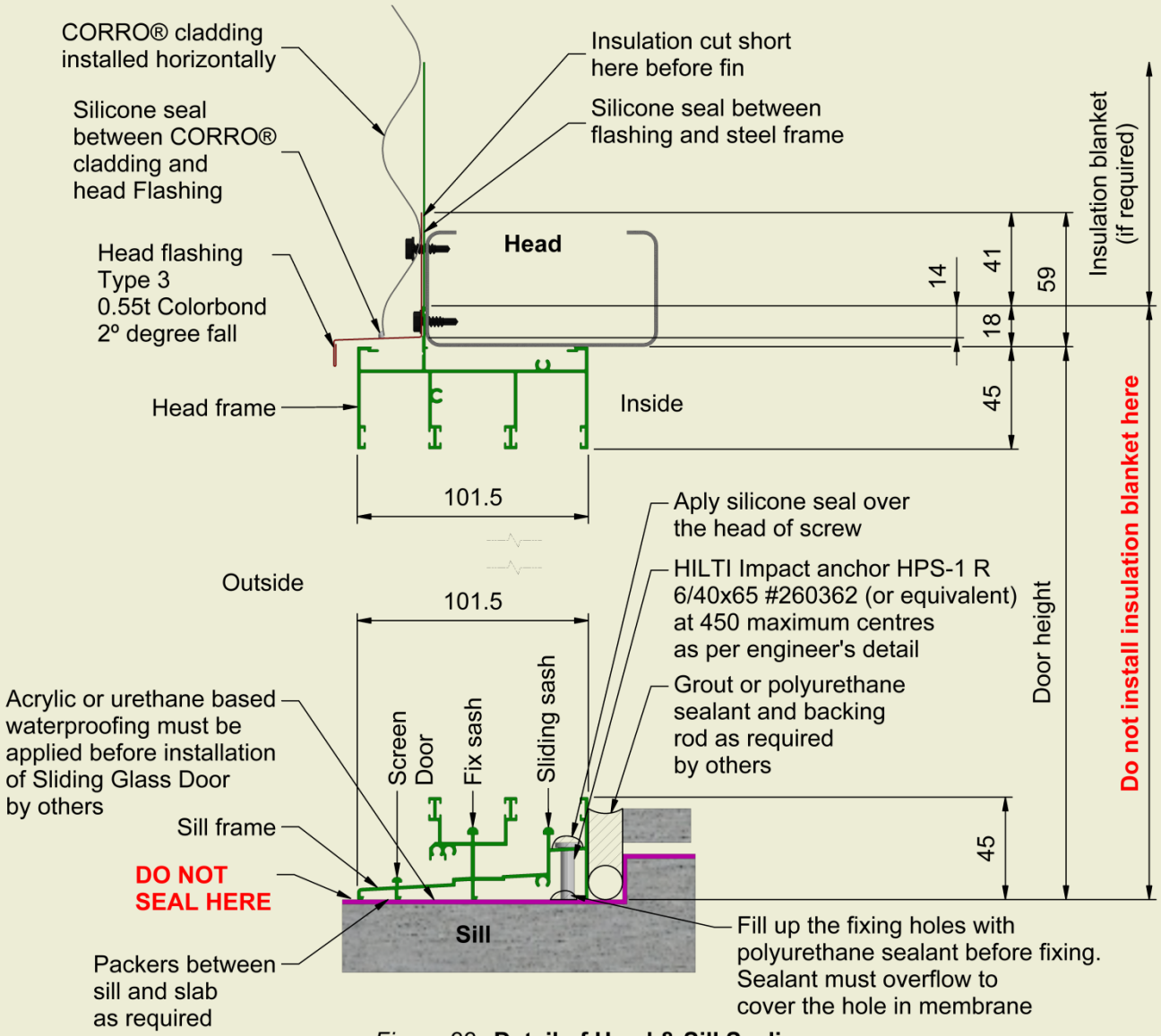


Figure 22c **Detail of Head & Sill Sealing**
Head Flashing Type 3. No Head Trim Bead

REMINDERS:

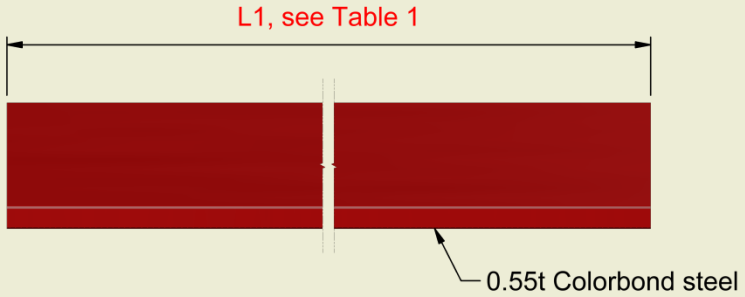
a. This step is for **Head Flashing Type 1**.
b. Snake skin jamb flashing to overlap snake skin sill flashing 150mm (min). Snake skin sill flashing to overlap insulation blanket if required
c. Jamb plastic flashing **TO OVERLAP externally** the sill flashing

NOTE:

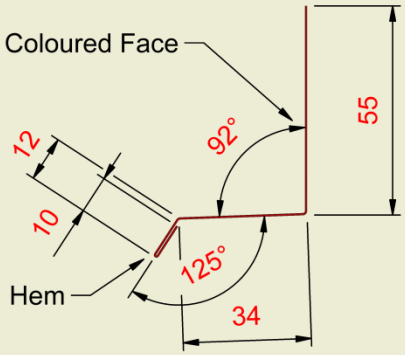
a. **ALL FLASHINGS ARE EXCLUDED** from door – must be supplied by others
b. Properly seal the door side
c. Sarking/snake skin plastic flashings, timber reveals and architraves are to be supplied by builder (if required). **Or reveals and plastic flashing can be ordered from AMIA as extra products. AMIA does not supply architraves**

PART D. DRAWINGS OF STEEL FLASHINGS

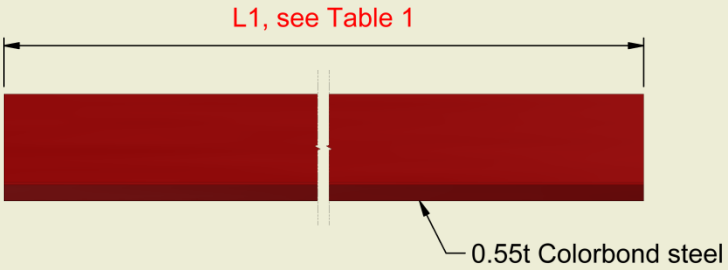
23a. Head Flashing Drawings



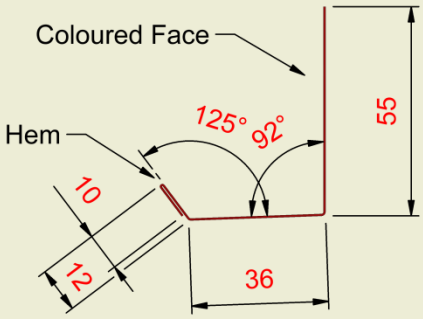
Head Flashing Type 1
Colour must be the same as cladding colour



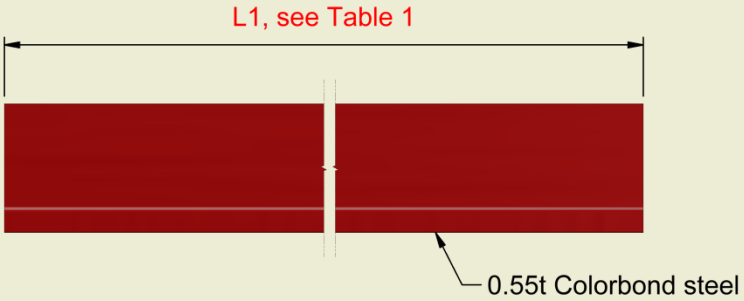
Bending radii will be minimum



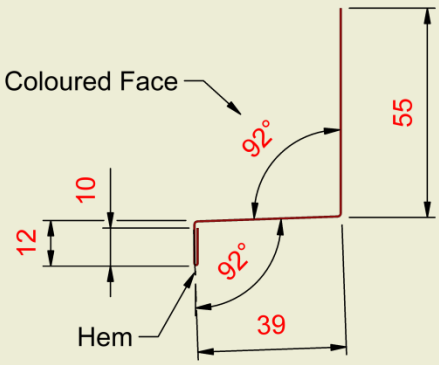
Head Flashing Type 2
Colour must be the same as cladding colour



Bending radii will be minimum



Head Flashing Type 3
Colour must be the same as cladding colour



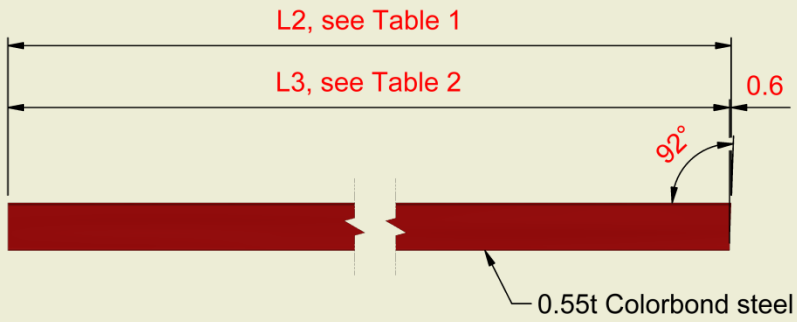
Bending radii will be minimum

Table 1 **HEAD FLASHING LENGTH**

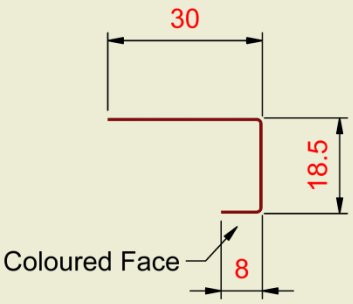
Size of Sliding Glass Door	***Head Flashing Length, L1***
1584W x 2100H	1650
1810W x 2100H	1876
1963W x 2100H	2029

All dimensions are in millimetres

23b. Sill Flashing and Jamb Flashing Drawings (for horizontally fixed CORRO® Cladding)



Jamb Flashing
Colour must be the same as cladding colour
(This show left side, right is reversed)



Bending radii will be minimum

Table 2 **JAMB FLASHING LENGTH**

Type of Head Flashing	***Overall Length, L2***	***Length, L3***
Type 1	2131	2130
Type 2	2121	2120
Type 3	2104	2103

All dimensions are in millimetres