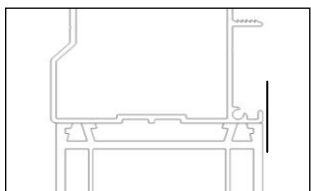
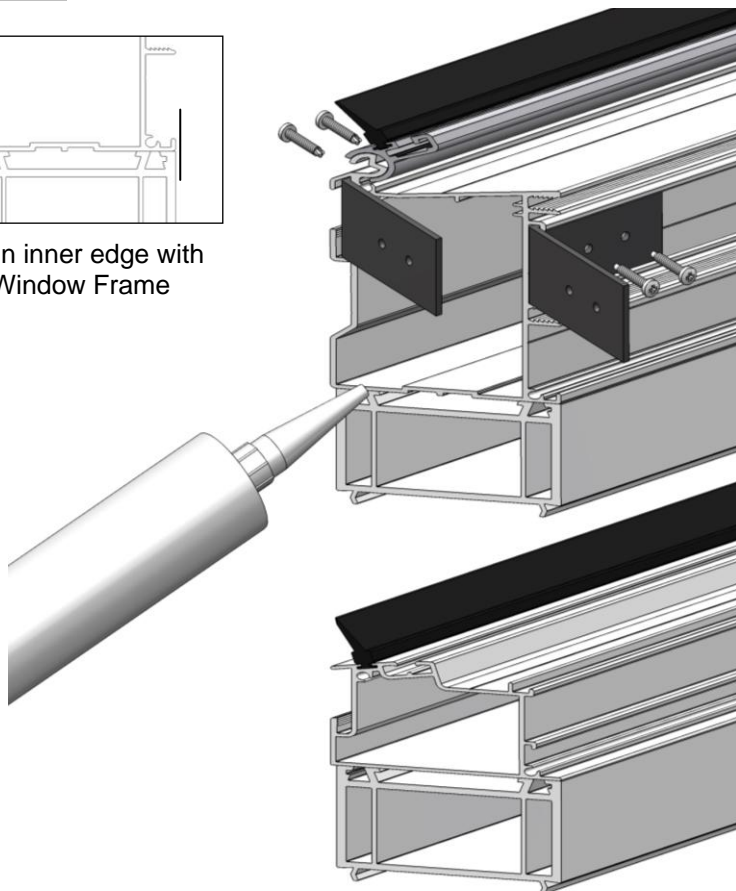


A

Eaves Beam



Align inner edge with
Window Frame



Box Gutter
Eaves Beam

Lean-To
Eaves Beam

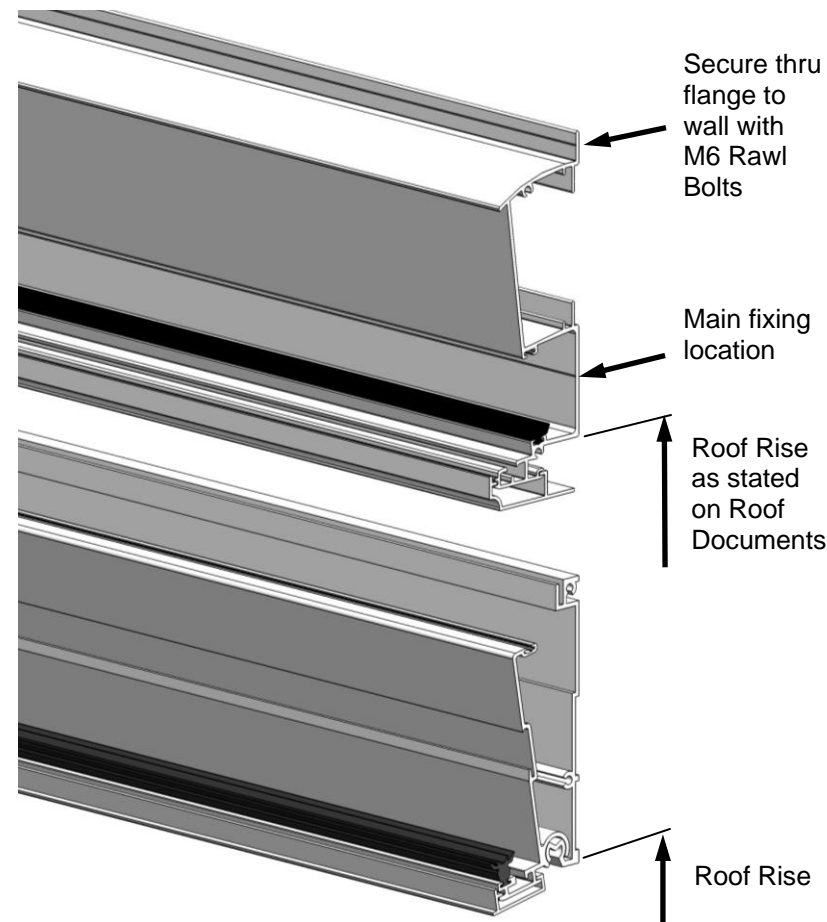
1. Align Eaves Beam with inner face of window frame.
2. Clamp & screw from underneath at 500mm centres.
3. Fit corner Cleats with screws provided (if applicable).
4. Apply sealant to end of profile (if mitred joints).
5. Apply sealant to external join between Eaves Beam & Window Frames.

B

Wallplate

Uni Wallplate

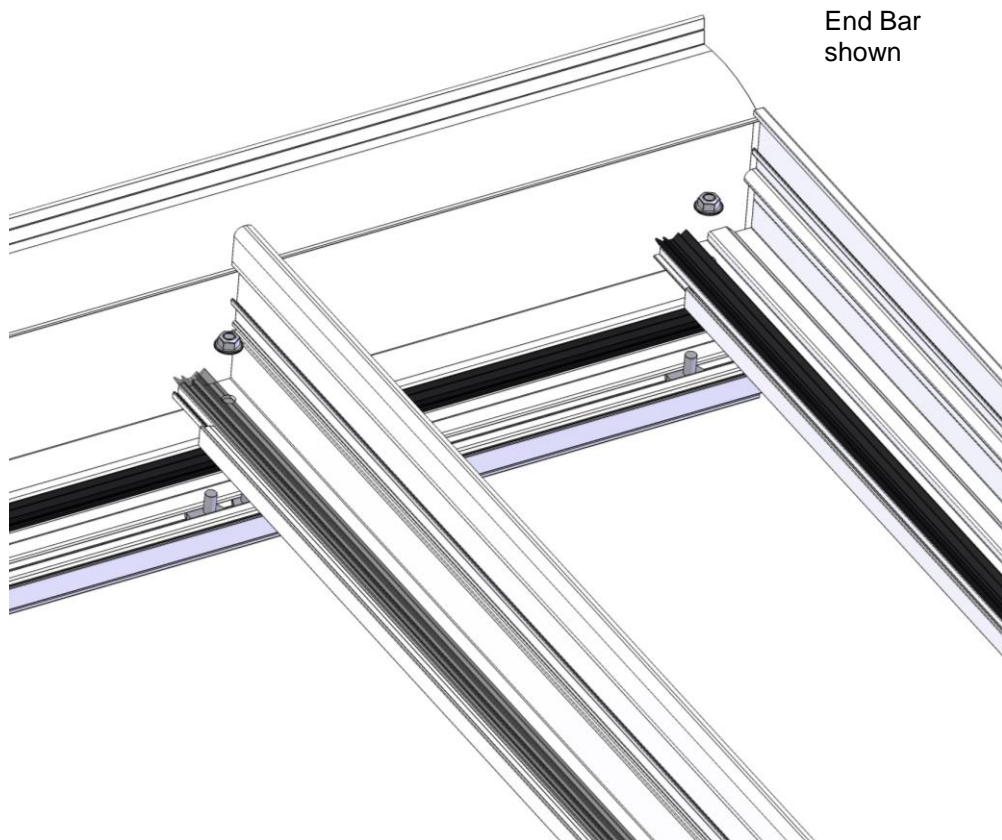
Standard
Wallplate
and Wing



1. Accurately mark the Wallplate height datum (Roof Rise) on wall.
2. Align Wallplate on roof rise datum line and ensure Wallplate is level and central to roof structure.
3. Secure to wall at the main fixing location with M10x100mm Rawl Bolts (not supplied) at 500mm centres.



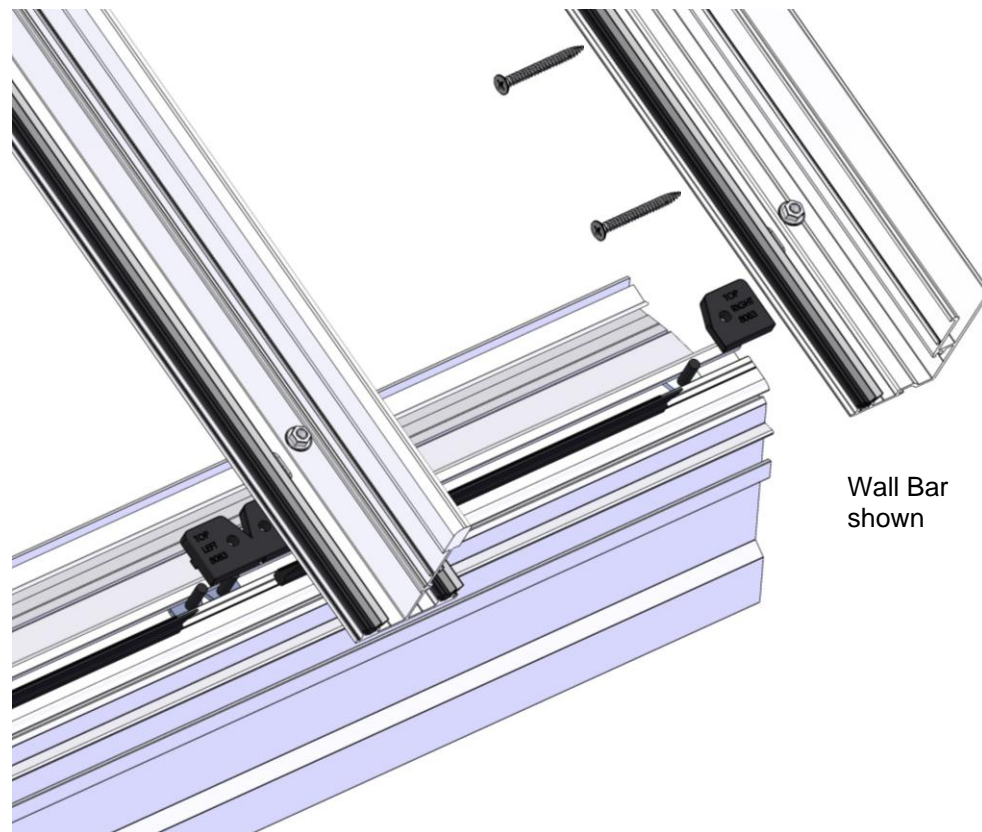
Glazing Bar at Wallplate



1. Locate Glazing Bar over Twinfast fixings.
2. Use ½ Twinfast fixing for End Bar or Wall Bar.
3. Space Bar centres as per roof documents.
4. Fix with Nuts provided.



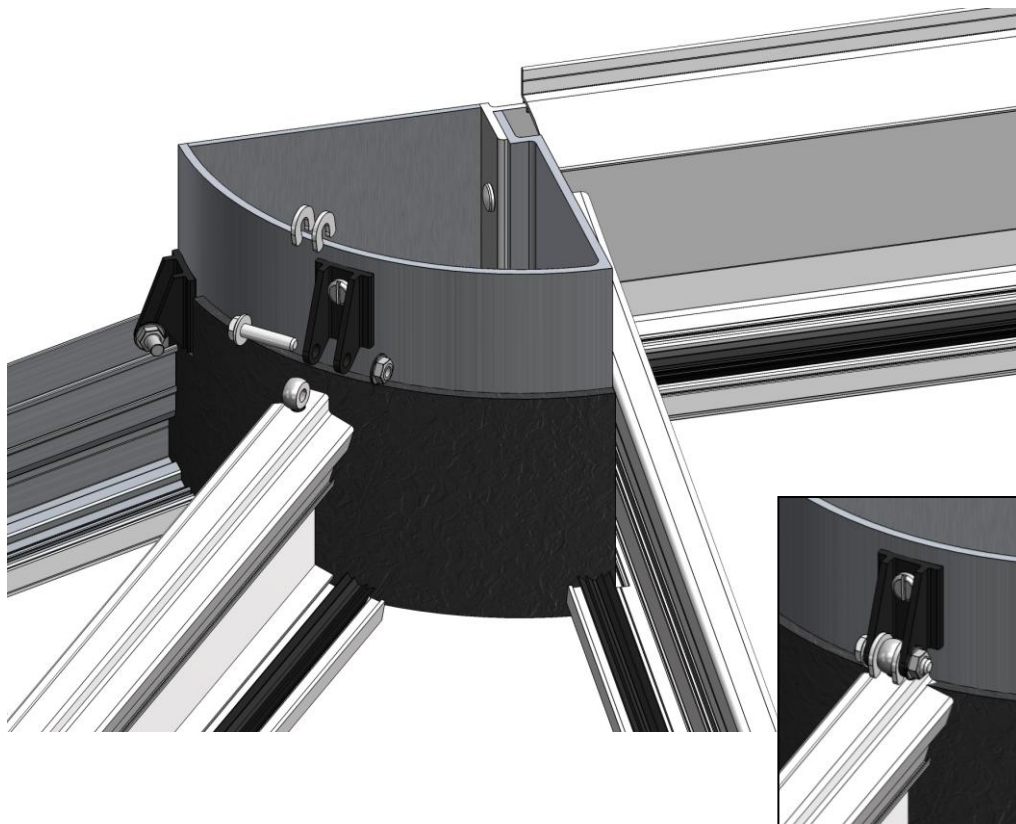
Glazing Bar at Eaves



1. Put black plastic Spacer Block over Twinfast fixing. Use ½ Spacer for Wall Bar & End Bar. (Spacers are not required on the 54mm high dedicated Lean-To Eaves Beam.)
2. Align Twinfast studs in middle of Glazing Bar slots.
3. Fix with Nuts provided.
4. Secure Wall Bar to wall at 600mm centres.



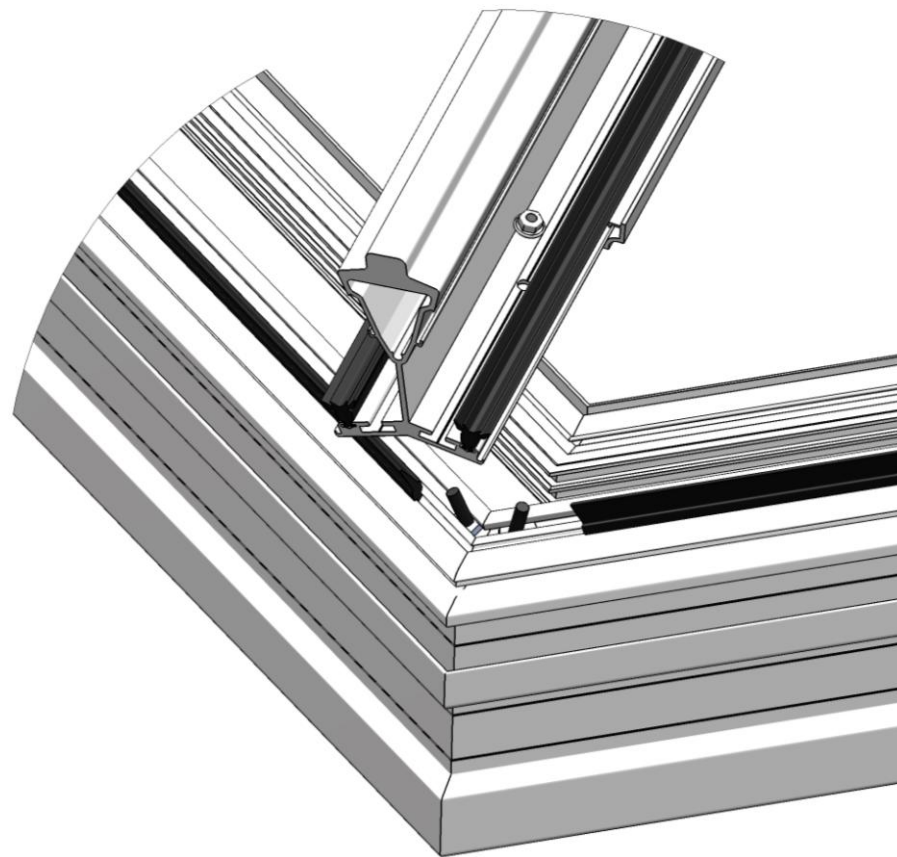
Hip Bars at Qtr Gallery



1. Remove Bolt, Nut and Packers from Gallery Bracket.
2. Offer up Hip Bar to Bracket.
3. Insert Bolt through Bracket and Hip Bar eye bolt.
4. Insert 'U' shaped Packers.
5. Secure with Nut



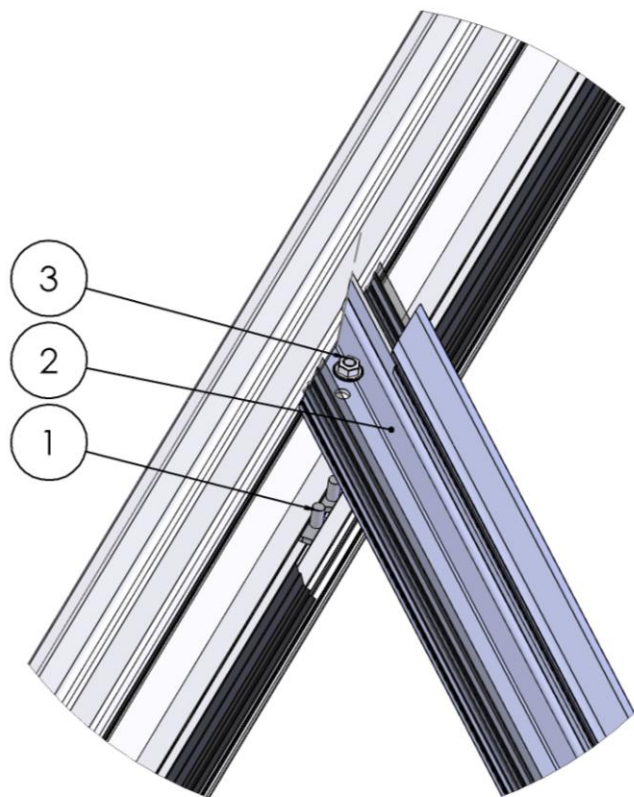
Hip Bar at Eaves



1. Ensure Twinfast fixings are in place.
2. Locate Hip Bar holes over Twinfast fixings
3. Secure bar with 2 x Nuts provided.



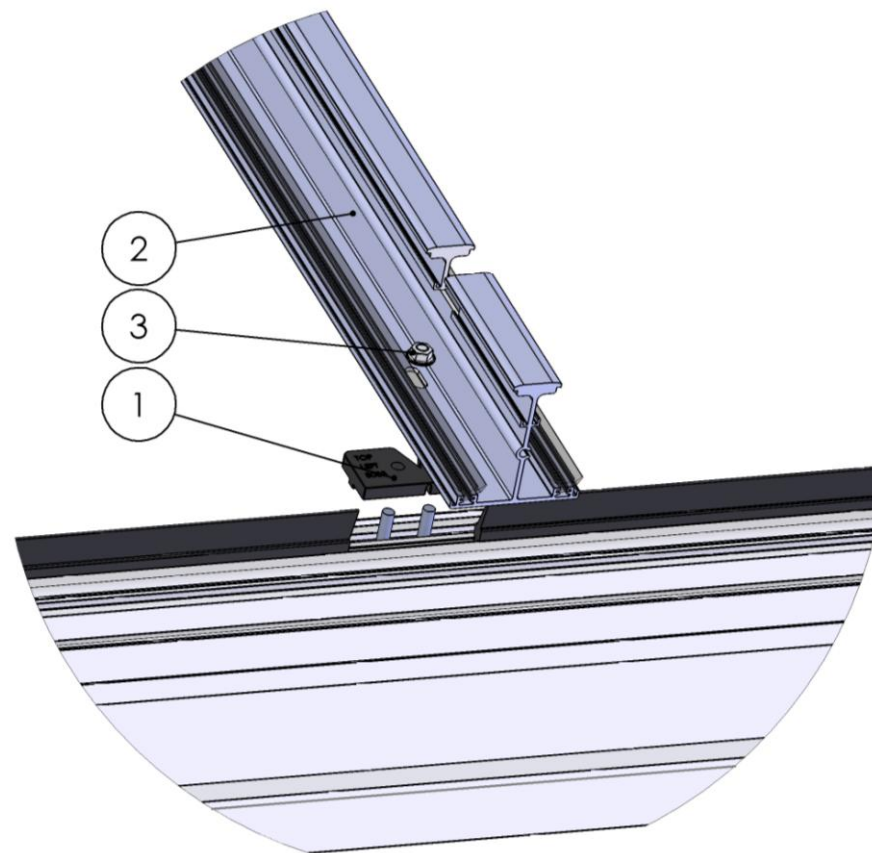
Jack Rafter at Hip



1. Space Twinfast fixings correctly.
2. Locate Jack Rafter over Twinfast fixings.
3. Secure Jack Rafter to Hip before fixing to Eaves Beam.
4. Fix with 2x Nuts provided.



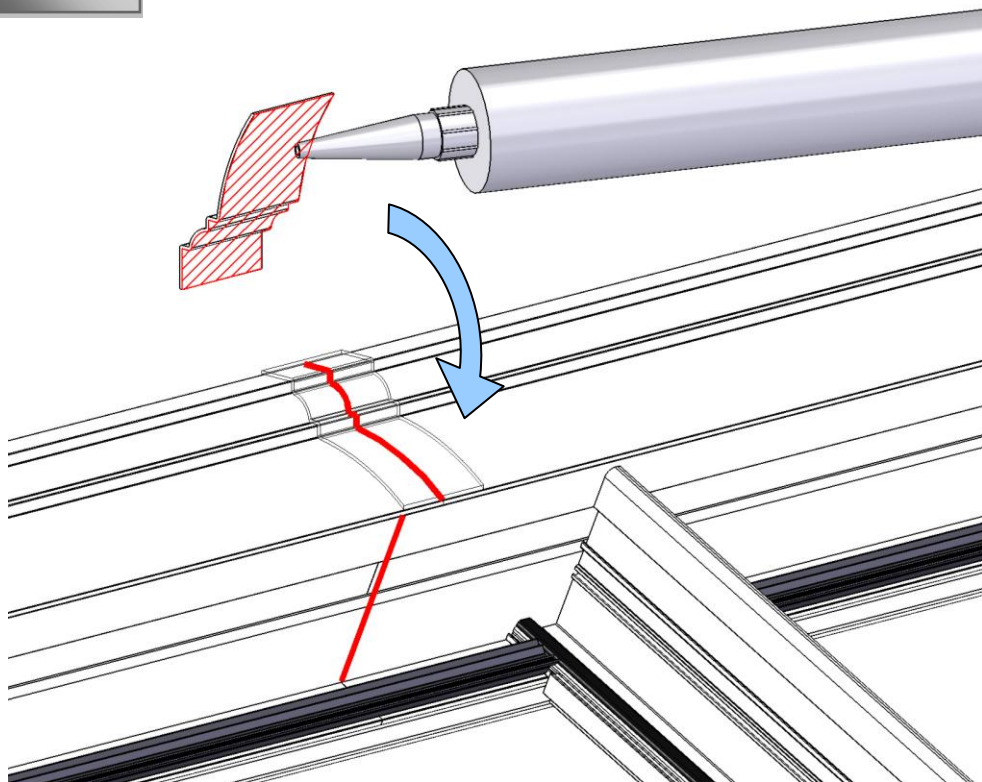
Jack Rafter at Eaves



1. Put black plastic Spacer Block over Twinfast fixing.
2. Align Twinfast studs in middle of Jack Rafter slots.
3. Fix with 2x Nuts provided.

B

Wallplate Cover Joint

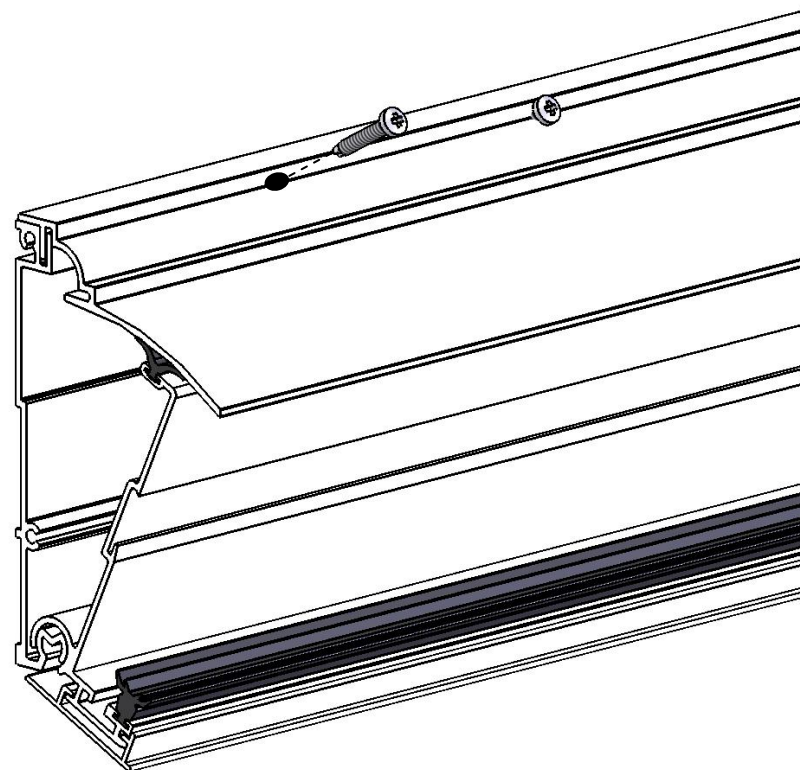


1. Apply a bead of Silicone where the Wings meet inside and out. Try to get between the joint as best you can.
2. Smooth over with finger on the outside face ensuring the Bead channels are clear.
3. Locate Wallplate Cover over Wallplate.
4. Seal between joints where possible and smooth over.
5. Screw Wallplate Cover into position as shown opposite.
6. Apply Silicone to base of Inline Joint Cover.
7. Firmly press into place ensuring as low profile as possible.
8. Remove/smooth over any excess Silicone.

B

Wallplate Cover

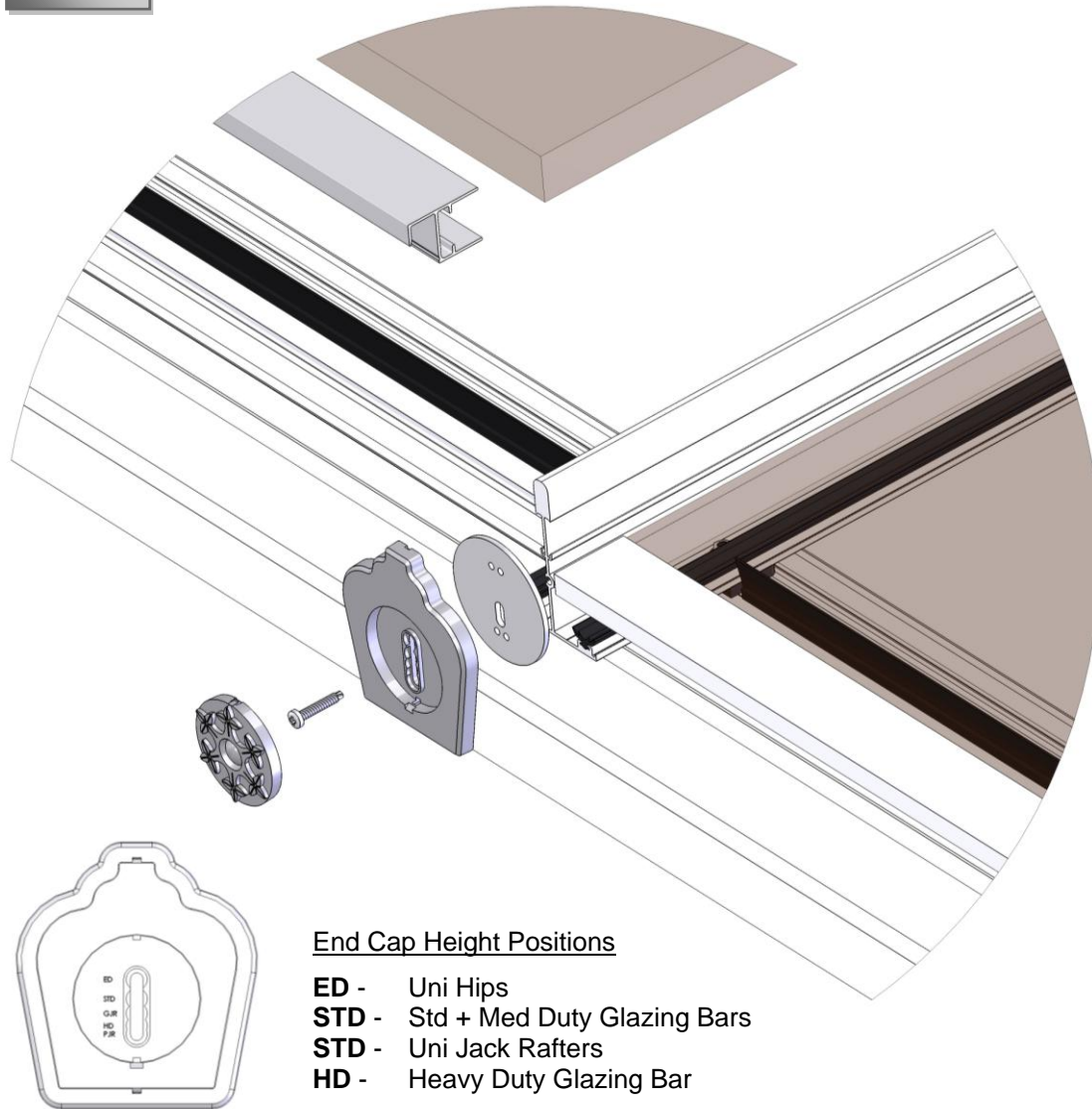
Variable Wallplate



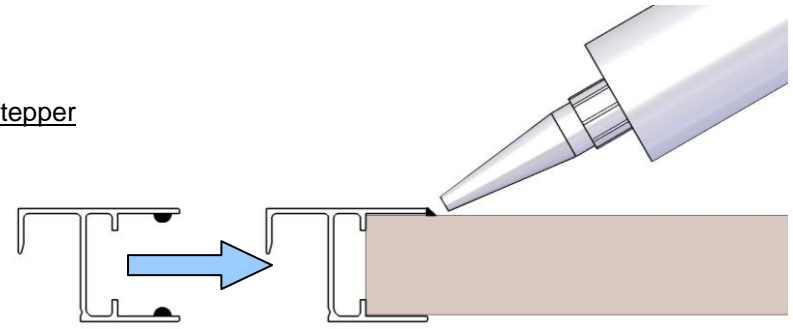
1. Place Wallplate Cover over Wallplate.
2. Compress Cover then drill Ø3.5 pilot holes through Wallplate Cover into the Wallplate at 500mm centres.
3. Compress Cover and fix with Screws provided.
4. Ensure Lead Flashing covers Screw heads.



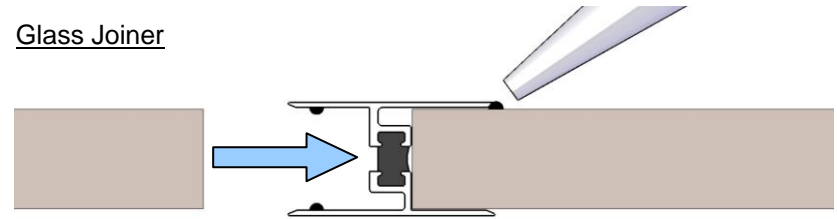
Glazing Panels



Stepper



Glass Joiner

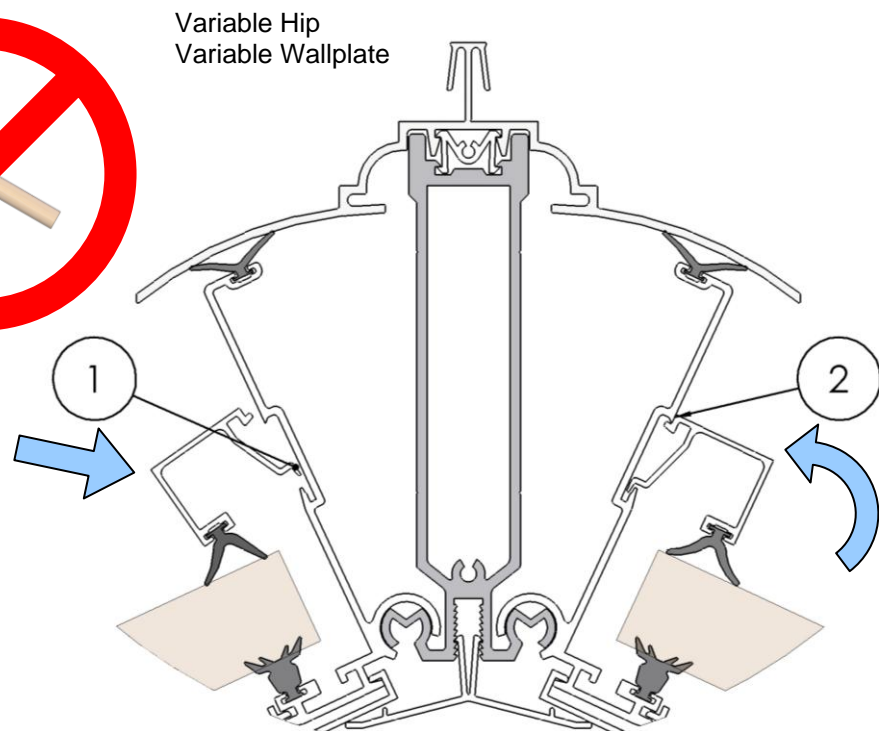


1. Screw End Caps onto ends of Glazing Bars. The Stepper + Glazing Panel rests against the End Cap assembly. Ensure the circular retaining Plates are used between the Stepper and the End Cap Apply Silicone Sealant to inside of Stepper (as above).
2. Push Stepper onto end of Glazing Panel.
3. Apply Silicone Sealant to leading edge of Stepper against glazing.
4. Carefully lift glazing in place.
5. Centralise Glazing Panel between Bars.

NOTE: For sealing Glass Joiner (Muntin Bar) use the same method as detailed in Steps 2 – 4.

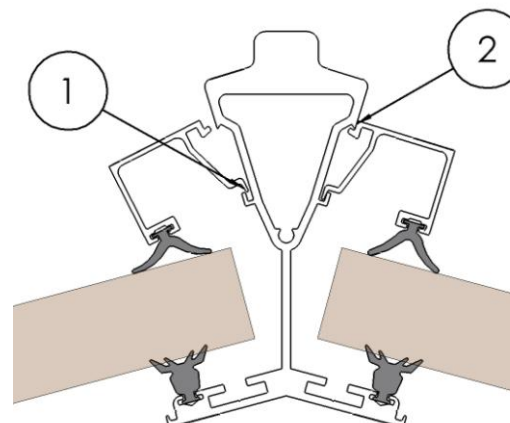


Glazing Beads

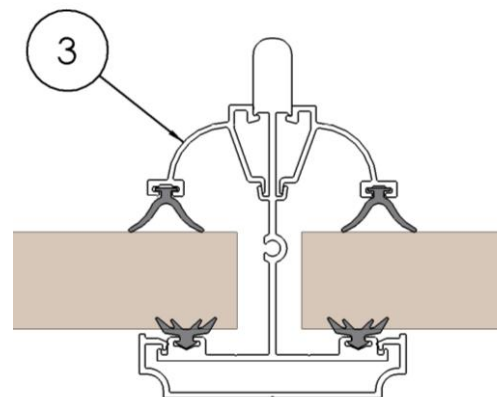


1. Fit Square bead between Glazing Bars first.
2. Engage lower leg of bead into groove ①.
3. Work from one end of Bead to the other using thumb pressure on the bead to compress the Gasket and engage top clip of Bead ②.
4. Apply constant pressure to Bead as you work along. It should clip into place.
5. Use Ogee Bead for Glazing Bars & Jack Rafters. Butt up to Square Beads on Ridge Wings and Hips.

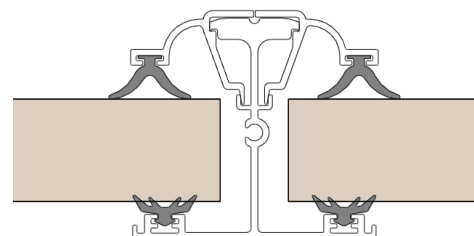
NOTE: For longer Uni Hips with many Jack Rafters the square bead may be supplied split into two pieces at a Jack Rafter. This will allow glazing of the Hip in stages. Sealing the join in the bead is not required.



Uni Hip



Glazing Bar



Jack Rafter

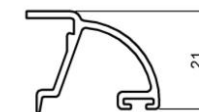
Bead Identification



6mm Bead = 41mm
24mm Bead = 23mm
32mm Bead = 15mm
35mm Bead = 12mm



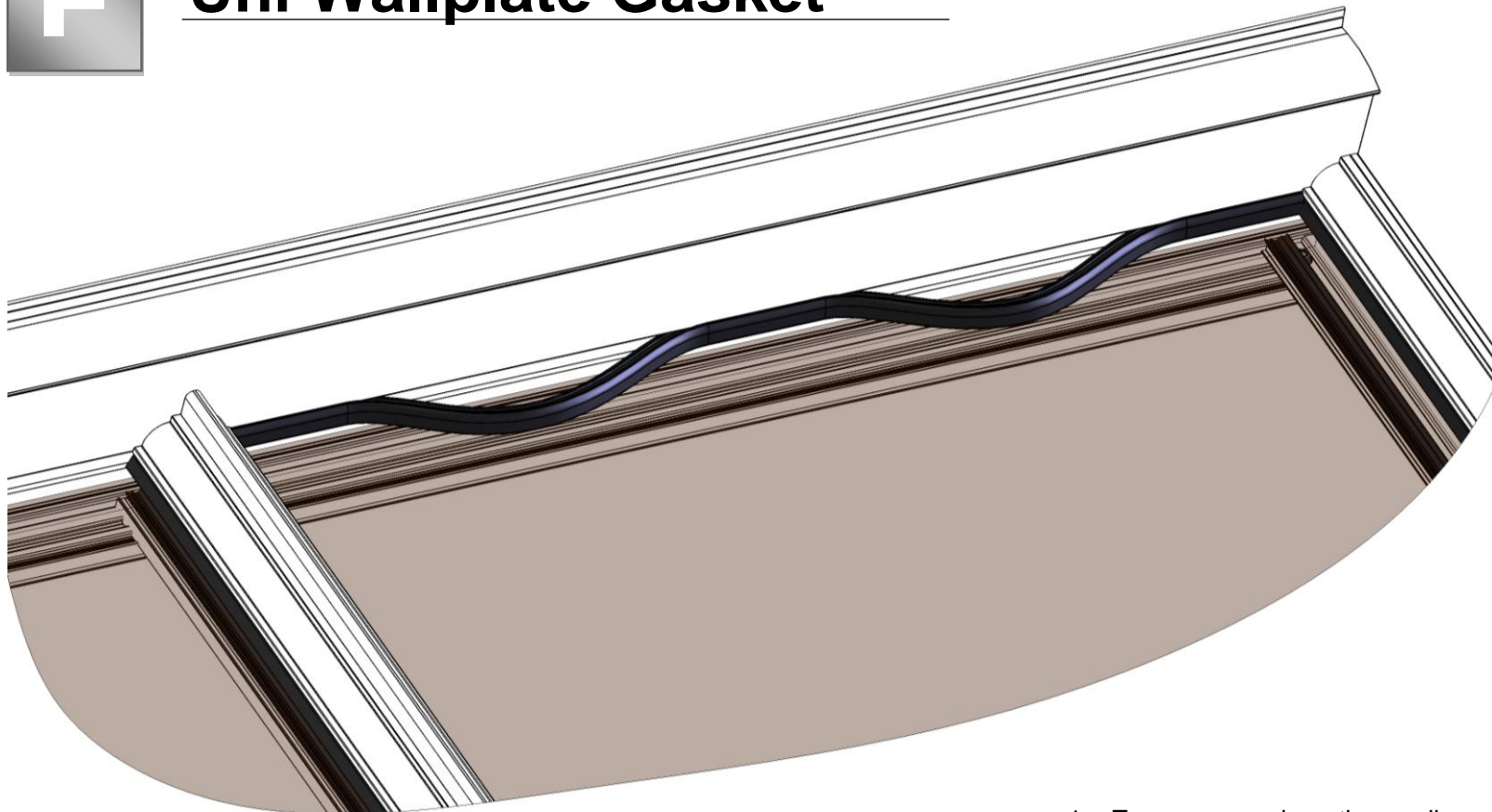
6mm Bead = 41mm
24mm Bead = 23mm
32mm Bead = 15mm
35mm Bead = 12mm



6mm Bead = 39mm
24mm Bead = 21mm
32mm Bead = 13mm
35mm Bead = 10mm



Uni Wallplate Gasket



Gasket Profile



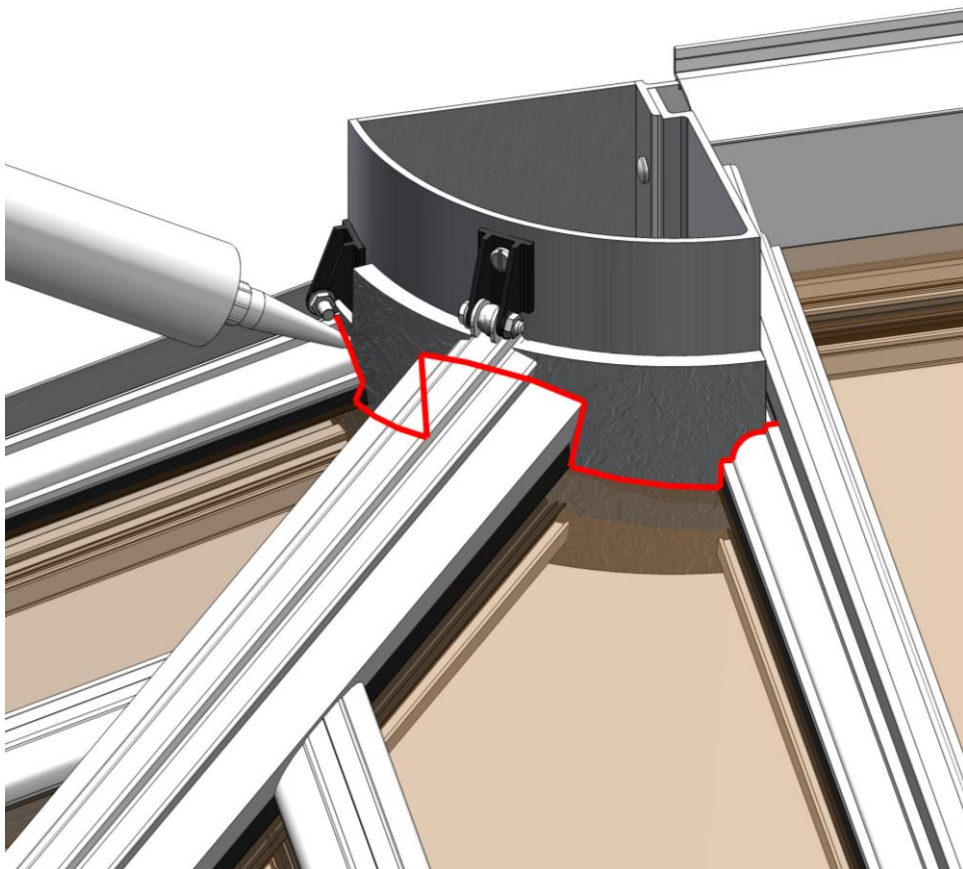
Tear off.

1. To ensure good weather sealing, cut Wedge Gasket 25mm oversize to avoid contraction.
2. Push in each end of the Gasket in place under the lip of Wallplate then insert the centre of the loop.
3. Continue until all the gasket is secured in place.

NOTE: At lower pitches the Gasket may be hard to fit. In this instance, tear off the gasket strip (Shown above). Some soapy water can act as a lubricant if the Gasket feels dry.



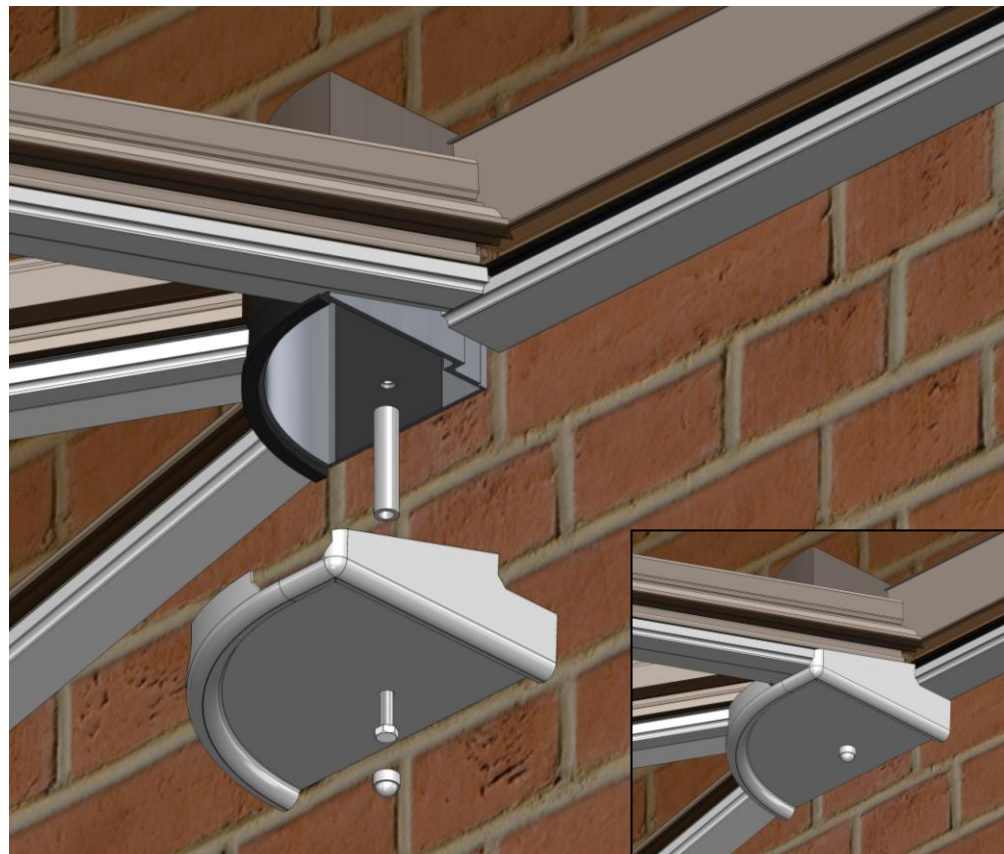
Quarter Gallery Sealing



1. Apply additional foam seal (supplied) where necessary in order to touch the end of the bars beads and glazing.
2. Apply a large bead of silicone to where the surfaces touch as highlighted above.
3. Silicone all Bar Bead mitres if applicable.



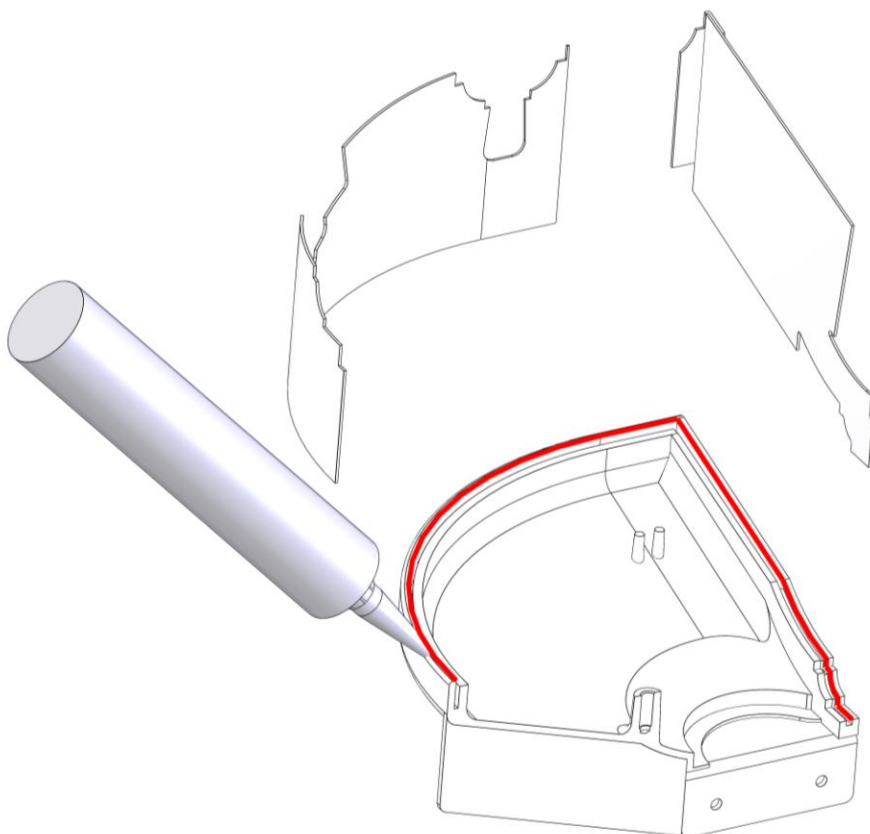
Gallery Undercap



1. Offer Undercap up to Quarter Gallery.
2. From above measure between plate and Undercap.
3. Cut spacer tube to length.
4. Insert plastic Bolt through Undercap, Spacer Tube and Gallery.
5. Secure from above using M8 Nut.
6. Finish with plastic Nut Cover



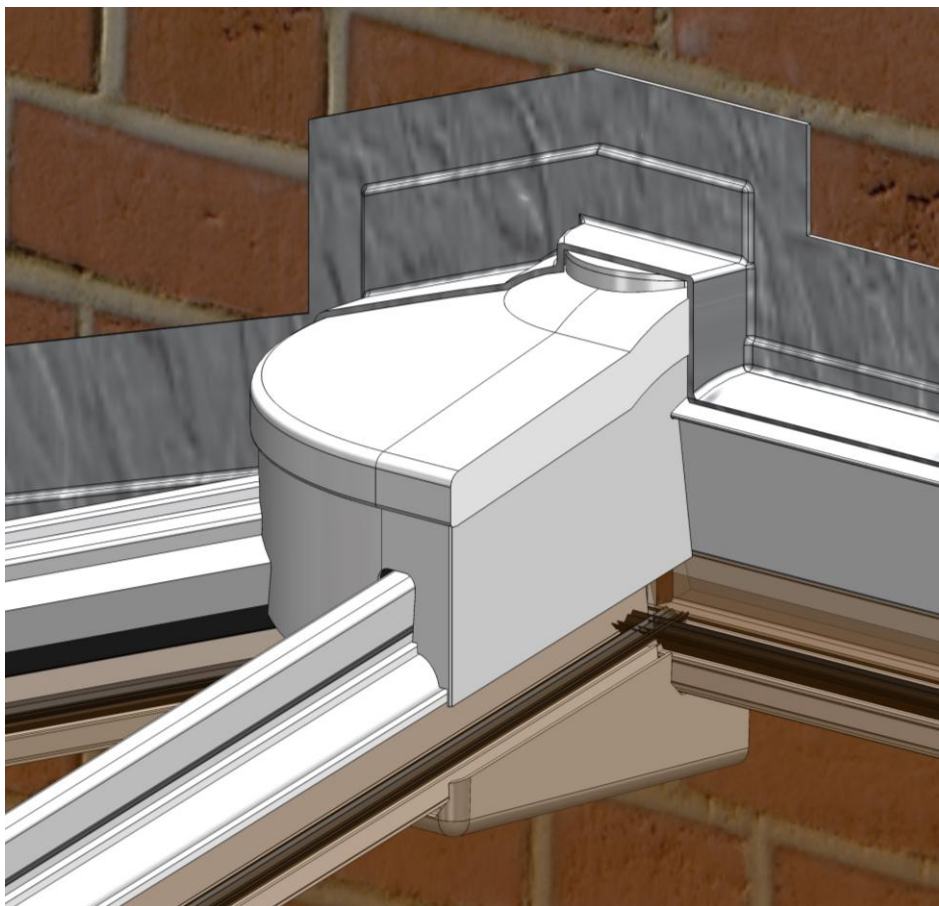
Gallery Top Cap



1. Bend Front Screen & insert into Top Cap groove.
2. Apply sealant to perimeter groove (highlighted).
3. Insert Rear Screen into Top Cap groove.
4. Clean off excess silicone.
5. Leave to dry before screwing to wall using 6mm Screws and Rawl Plugs.



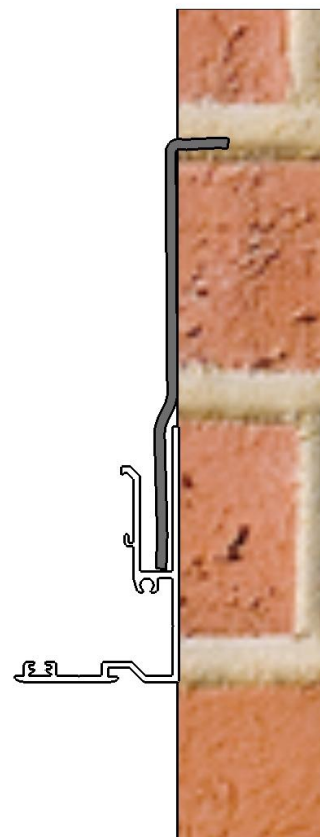
Flashing at Wallplate



1. Dress lead flashing over Wallplate Cover and Quarter Gallery



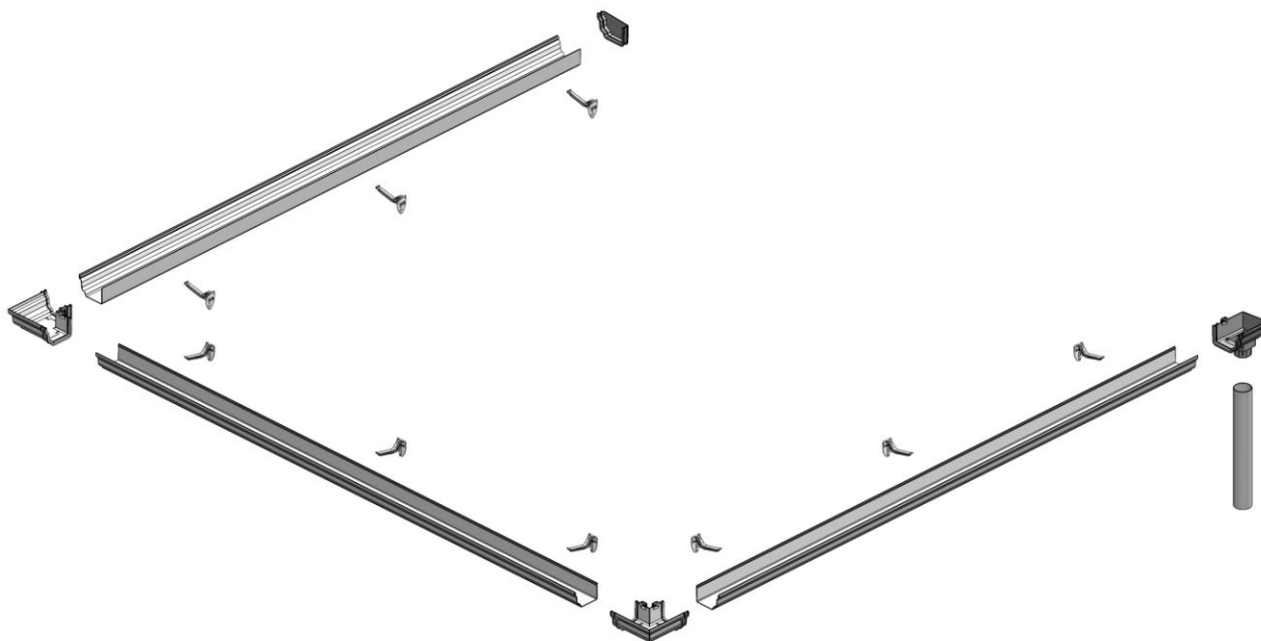
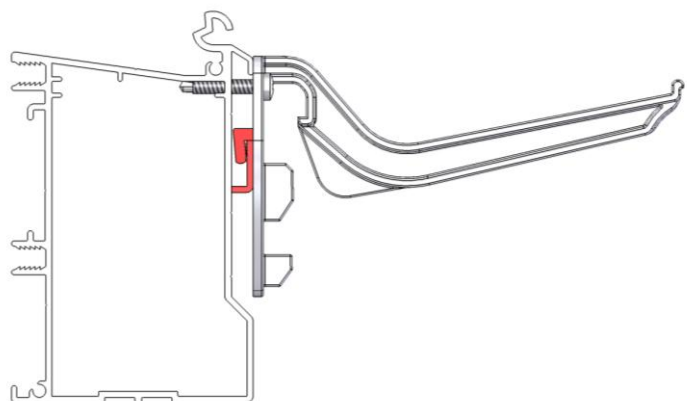
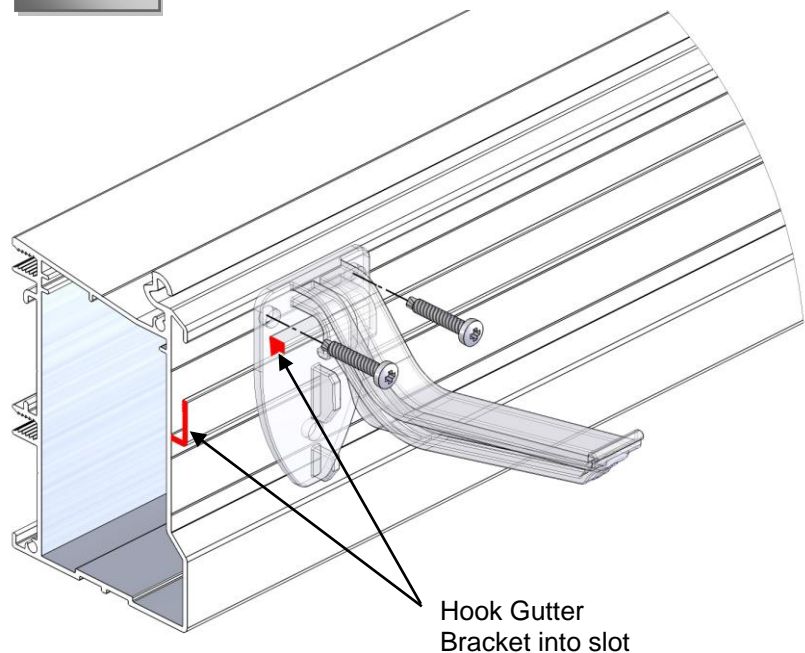
Flashing at Wall Bar



1. Dress lead flashing into Wall Bar flashing channel.



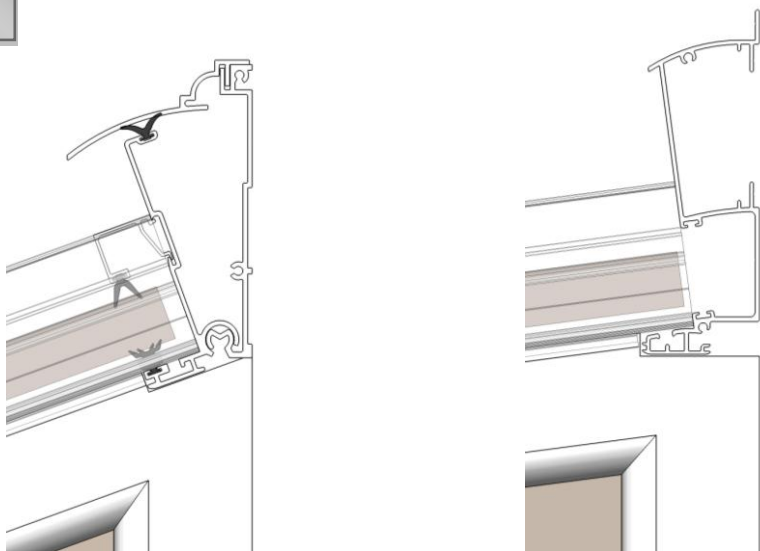
Guttering



1. Fit Gutter Brackets into slot in face of Eaves Beam at 650mm centre spacings.
2. We would recommend securing Gutter Bracket to Eaves Beam with a pair of screws shown.
3. Start at stop end. Clip Guttering into Bracket working around the roof to Stop End Outlet.
4. Secure Downpipe Brackets to structure & assemble Downpipe to Stop End Outlet

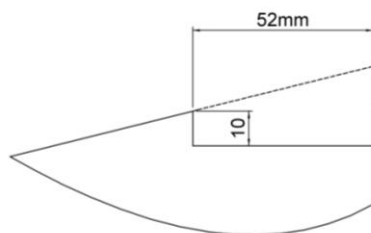
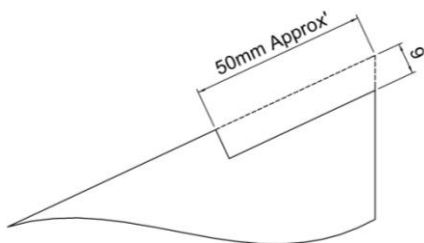


End Frame Notch



Variable Wallplate

Uni Wallplate

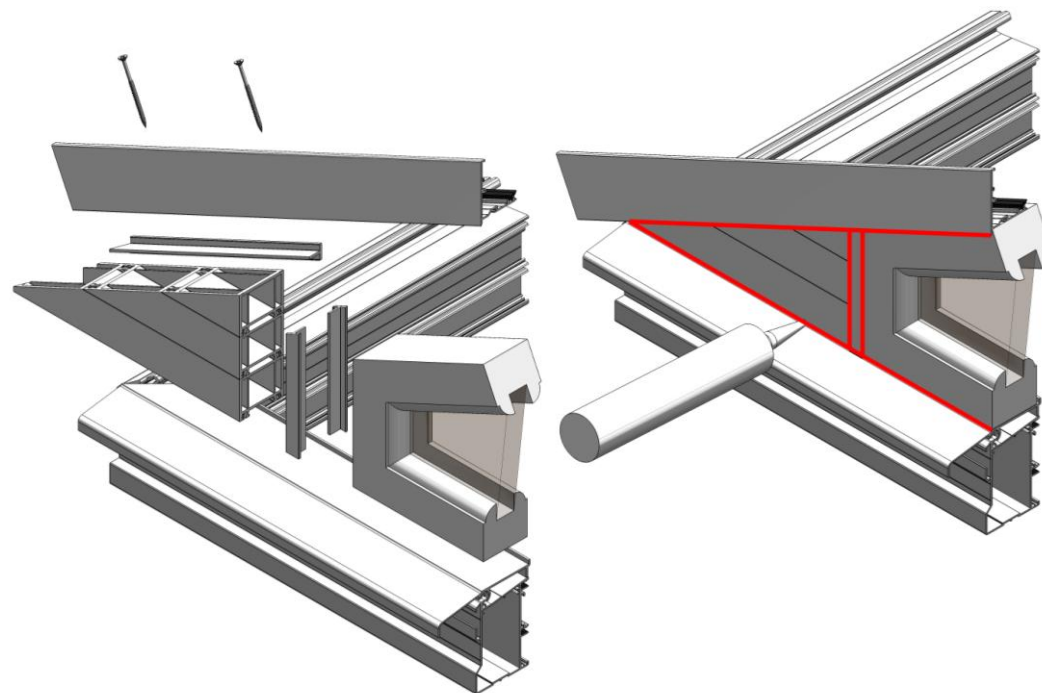


1. The Window End Frame or Firing will require a notch in order to clear the Wallplate and Wing. Please ensure this detail present on the frame supplied.



Firing option

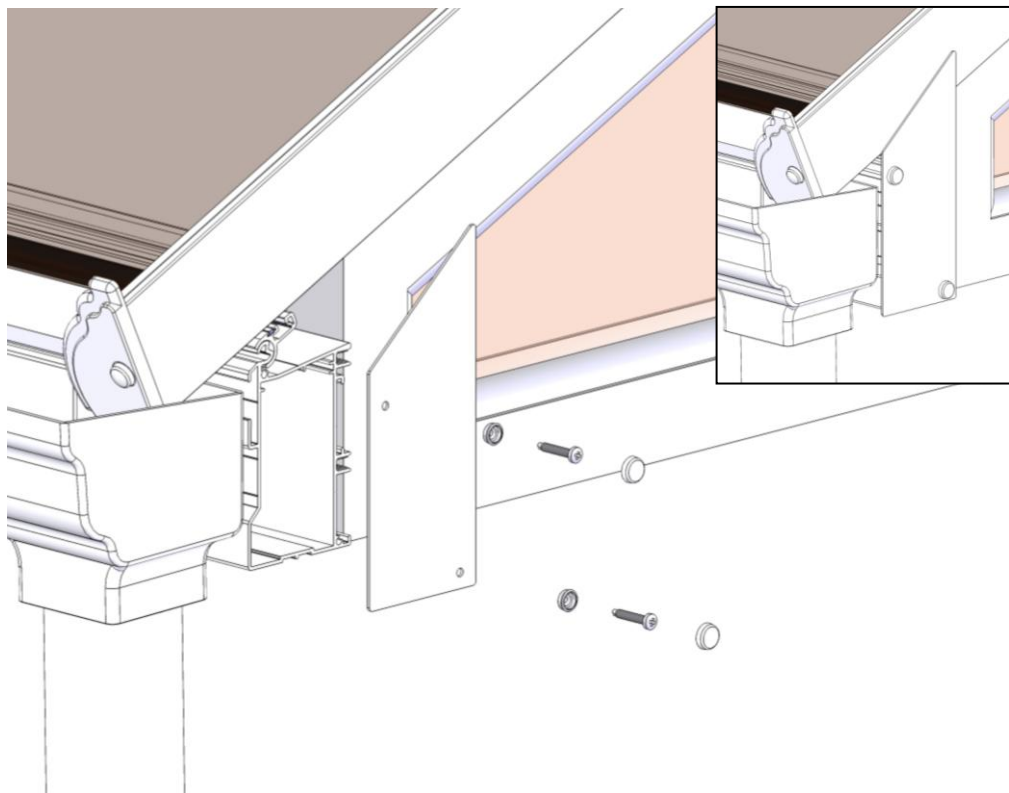
Shown with Gable Cill. See End Cap picture for window alternative.



1. Assemble Firing Pack and silicone all joints.
2. Place Window Frame on the Cill and Silicone joints.
3. Silicone along the top edge of Firing and Window Frame.
4. Locate Glazing Bar over Firing/Window Frame assembly.
5. Fix at Eaves and Ridge.
6. Use screw fixings to screw End Bar to Firing and Window Frame at 150mm centres.
7. Glaze Roof.



Eaves/Wallplate End Cap



1. Apply silicone to end face of Eaves Beam profile.
2. Position End Cap over Eaves Beam
3. Assemble Screw Cup to Screw and fix End Cap to Eaves Beam
4. Push Screw Cap Covers over cup to finish.

NOTE: Apply the same method for the Wallplate End Cap