



exactly your profile

Technical Manual

beaufort[®]
Range



Installation Guide

Sub Cill Installation

Drainage paths through the sub cill and drainage tray must be left un-obstructed by the sub structure and sealing.

When applying the frame to the sub cill, silicon sealant must be gunned to ensure that a water tight joint is created on the inside of the frame.

An additional fixing must be located as shown alongside to secure the frame into the sub cill on conservatory/dwarf walls only. Seal under the head of the to prevent water ingress. Further seals should then be applied and sealed in suite.

Drainage Trays

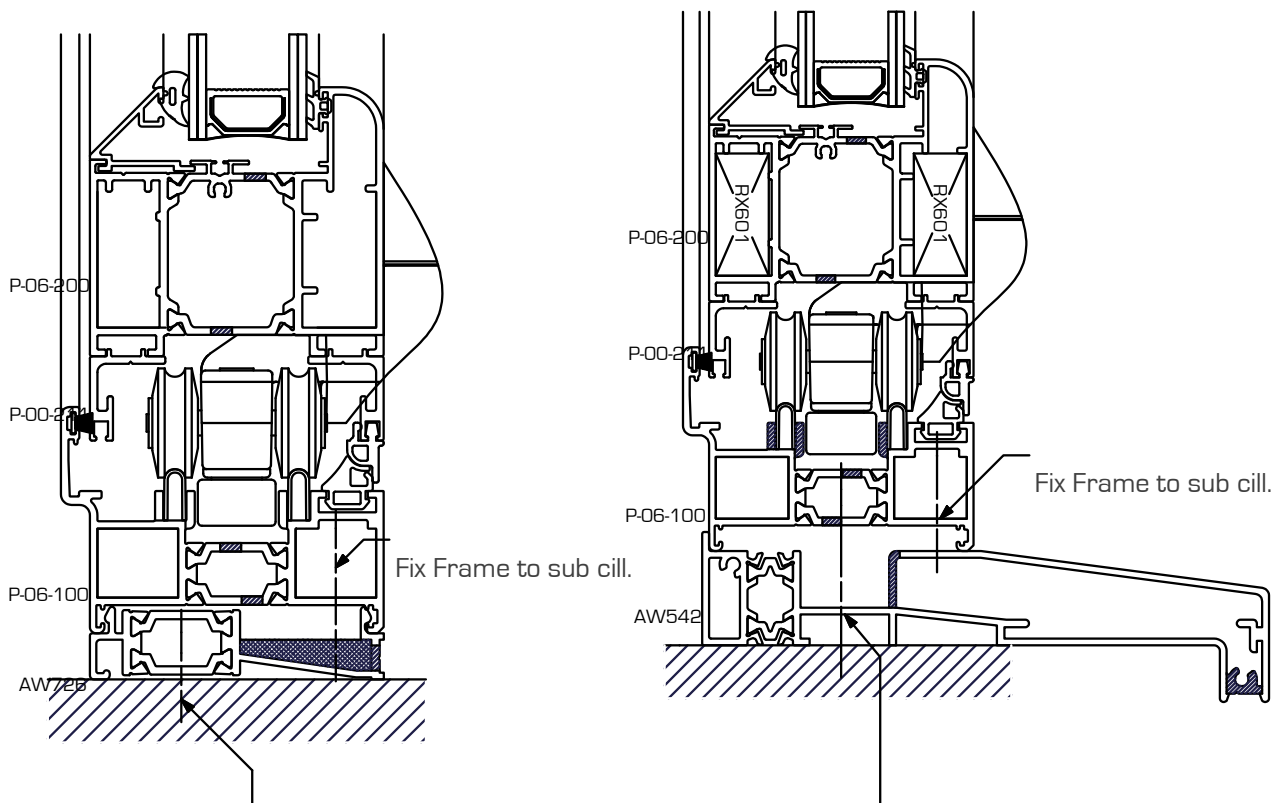
Drainage paths through the sub cill must be left free and un-obstructed by the sub structure or sealing.

The drainage tray must be secured to the structure as shown, using suitable fixings and packed as necessary to ensure it is level.

The drainage tray must then be sealed to the structure along its length and across its ends. Care must be taken to ensure that the portion of the drainage tray that adjoins the jambs of the structure are adequately sealed, to prevent water running off each end of the drainage tray and in to the building. See Detail below.

When fitting the frame to the drainage tray silicon sealant must be gunned as shown alongside to ensure that the watertight joint is created on the inside of the frame.

Typical Drainage Detail - Fixing Positions



Alternative Fixing Method
i.e. Through Thermal Barrier into the substrate

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i.e. Through Thermal Barrier into the substrate

Installation Guide Cont.

Fitting Frame To Aperture

It is vitally important that the cill is laid flat and level to achieve the optimum performance. Jambes must be vertical in both planes, and no twist or other distortion allowed.

Prior to installing the frame, the opening should be checked to ensure that it is free of debris, and that any projecting brickwork has been trimmed back.

Any damaged damp proof membranes should be replaced or additional membranes incorporated. When the opening was originally measured a suitable gap should have been allowed around the perimeter of the frame, this will allow the frame work to be packed to ensure that it is and square within the opening.

Ideally the frame should be bedded on mortar.

The frame can then be positioned in the opening and held square by packing at the very corners, taking care not to damage or deform the profile.

Tip

To check for squareness, measure the diagonals from corner to corner, these diagonal dimensions should not differ by more than 1.5 mm. Adjusted the packing to ensure the frame is square within the opening. The lay of the frame in to out can be checked by using a spirit level on the jambes.

On replacement applications, the correct position of the frame might not be aligned with the originals. This will require some remedial work to make good the plaster reveal around the frame on the internal wall and any external render externally.

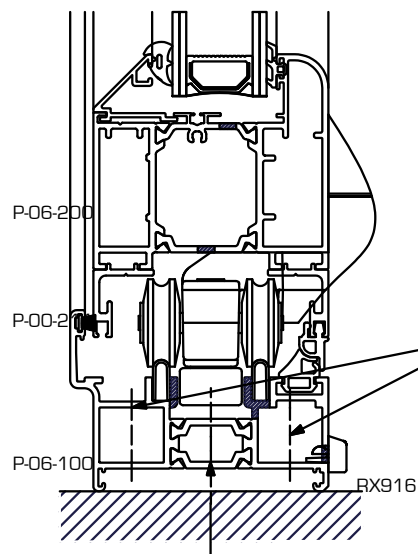
Fixing Frames

The first fixing must always occur within 150mm of each corner and at centres 600mm or less, the type and frequency depends on the expected applied loadings. Do not over tighten fixings. Packing will be required at fixing points to prevent distortion of the frame. Drilled holes in the frame should be sealed where there is a possibility of moisture penetration around the fastener.

Foam

Fixing foam can be used in conjunction with fasteners, but is not an alternative to screw fixing.

Care must be taken not to allow the foam to come in contact with the painted finish, and as such the use of some form of masking tape would be advisable. Permanent staining will be caused if foam comes in contact with the frame.



IMPORTANT NOTE: Always cap or seal fixings, especially when securing to any of the Blyweertbeaufort range of cills / drainage trays.

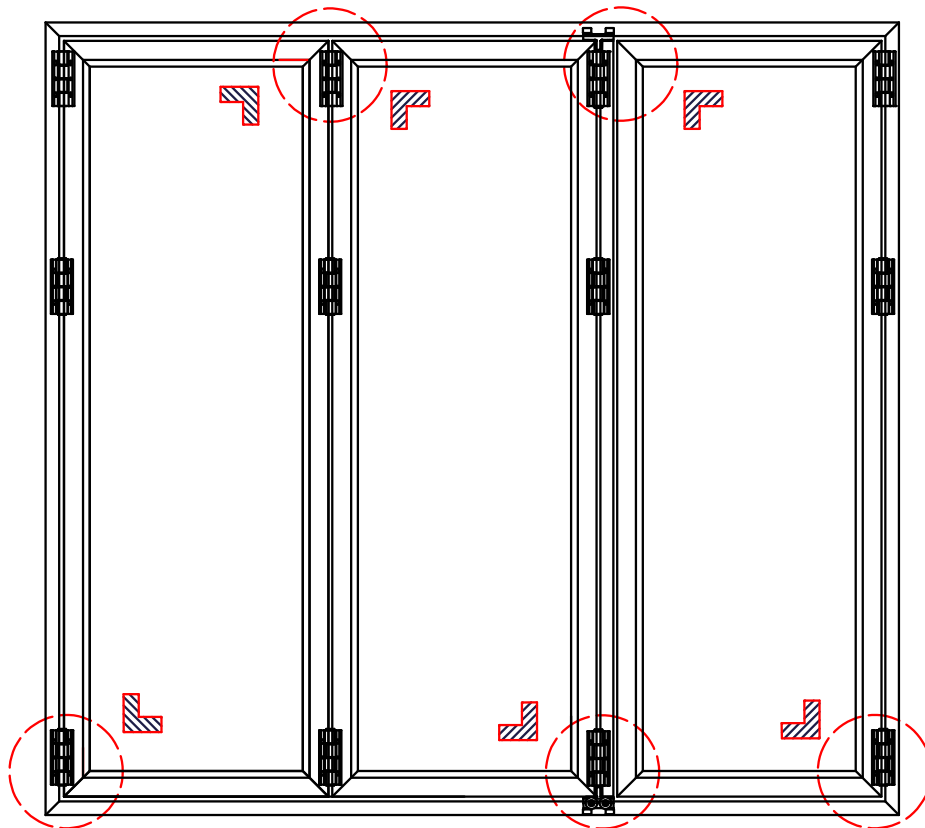
Fixing Position

NB: Use appropriate fixings for aperture sub strate.

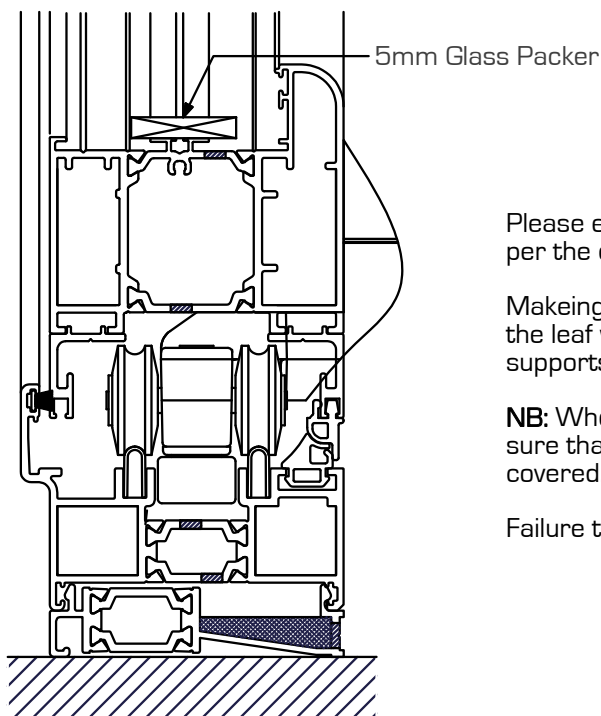
Alternative Fixing Method i.e. Through Thermal Barrier

NB: Avoid leaving any screw head sitting proud of th profile as this may clash with the top / bottom guides.

Installation Guide - Glazing



NB: PACK GLASS TOWARDS FRAME/ BOTTOM ROLLERS



Please ensure each unit is toe and heeled as per the diagram above.

Making sure each unit is held square within the leaf with appropriate glazing packers / supports.

NB: When positioning each support make sure that none of the drainage slots are covered.

Failure to do so may cause water ingress.

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