

Timber Bi Fold

Step 8 - Glazing Installation

If you have pre glazed doors then you can skip this step.

Step 8.1 - Selecting The Glazing Beads

The beads may be temporarily nailed into each door. If this is the case the nails can be removed without damaging the beads by placing a metal rule against the bead and using a claw hammer or pincers to pull the nails out levering against the metal rule. Remove each doors beads as you glaze so you do not mix them up.

If your beads are loose they will be labelled as follows

Each door will be labelled in the rebate where the glass site, i.e. A, B, C, D... or 1, 2, 3, 4...

Each bead will be labelled to denote which door and which position the bead is for.

I.e. A Top, A Bottom, A Left & A Right

Step 8.2 - Taping The Rebate

A : Take the Butyl Flexitape and run the tape along the bottom rebate upstand.

B : Peel back the top film several inches on each side.

C : Now run the tape along the upright rebates starting from the top.

D : Cut the tape so it will overlap the bottom line by several millimeters.

E : Push the overlapping tape into the bottom tape so it becomes a uniform depth and appears as one continual seal.

F : Repeat this step for the top rebate.

G :Run your fingers with some pressure along the backing film to ensure the tape has bonded to the rebate properly.

H : Now peel off the backing film.

Step 8.3 - Installing The Glass Unit

A : Using the small glazing packers supplied place 2 on the bottom rebate approx 3 inches in from either end. The packers are rectangular and should be placed so that the longer dimension runs with the rebate.

B : The Glass Unit will be toughened and have a kite mark on one corner. We recommend this is placed in the bottom corners. The glass also has a specification sticker attached

which is attached to the inner pane. The unit must be installed with the sticker on the inside of the door to meet the specified U values.

C : Lean the glass unit out on the top and place the glass unit on the bottom glazing packers and ensure an even gap is present on either side of the unit. Now tilt the glass towards the rebates and as the unit enters the rebate ensure an even gap remains at the top side edges. A glazing packer should be placed either side at the top edges to ensure the glass unit remains centered before the glass is pushed into the Butyl tape. Once the glass is positioned, press hard along the entire perimeter of the unit. The butyl tape will change colour slightly as it seals against the glass.

D : Use the Silfix U9 sealant supplied and fill the perimeter gap of the glass unit so a continual seal is made around the unit. This is critical to ensure the unit does not break down.

E : Apply a small bead of silicon along the back of the bottom bead and place on the rebate and push into the glass. Nail the bead into place with a brad nailer or panel pins.

***** Ensure when nailing the beads that you do not hit or scratch the glass.**

A small amount of silicon should squeeze up from the bead. This can be cut off with a knife once cured. This is important to ensure no water ingresses behind the bottom bead.

F : Take the left bead and apply a small amount of glue to the bottom and top mitre edge. Place the bead in position and repeat for the right and top beads. Once all beads are positioned ensure they are pushed tight to the glass as you fix in position.

G : Remove excess pva glue with a damp sponge.

H : Fill nail holes with suitable external filler and sand, recoat straight away.