

Timber Bi Fold

Step 5 - Bottom Door Stop Installation

Cut the bottom stop to length so it is tight and snaps into place.

(one side is already cut square, the other end is marked with a cross or line, cut this end)

The stops can be fixed in 2 ways but it is important to fix the bottom stop first and then fix the flush bolt receiver plates before the vertical stops are fixed.

Preferred method

Mark the stops 50mm in from each end. Measure the distance between the marks and divide by 300. I.e. distance between marks is 2460mm / 300 = 8.2. Round this figure up. I.e. 9.0. Divide the original measurement by this number. 2460mm / 9 = 273.33mm. Mark the stop every 273mm.

A : Pilot the stop using a no. 10 countersink bit similar to the Trend snappy or other counterbore bits.

B : Snap the stop into position(See positioning below) and pilot drill the sill using a 3mm bit.

C : Remove the stop and clear any dust from the sill etc.

D : Use D4 pva glue to coat the back and ends of the stop.

E : Snap the stop back into position and begin to screw it down using no5 x 40mm screws.

F : Ensure the gap from the stop to the aluminium track remains consistent as you fix the stop.

G : Remove the excess glue with a damp sponge.

H: Use a small artist brush or stick and wipe glue into each screw hole. The supplied timber plugs can be glued and hammered into the screw holes. For best result ensure the grain of the plug runs the same way as the stop.

I : Remove any excess glue and leave to set.

J : Once the glue has set the plugs can be cut off and sanded flush ready for painting / staining.

Nail Method

A : Use D4 pva glue to coat the back and ends of the stop.

B: Snap the stop into position (see positioning below) and begin nailing the stop down.

C : Ensure the gap from the stop to the aluminium track remains consistent as you fix the stop.

D : Remove the excess glue with a damp sponge.

Positioning of Stops

The position of the bottom stop from the center of the aluminium track differs dependent on door thickness.

The calculation for this measurement is :

Door thickness - 6.5mm

I.e with a 54mm thick door the stop should be situated 47.5mm from the center of the aluminium track. This should equate to

37.5mm from the inner edge of the hybrid sill track

Or

35mm from the outer edge of the aluminium sill of the timber sill

See diagrams P1 & P2 for details