



Glass Openings

How to toe and heel a bifold



Introduction

Bifolds are a favourite among homeowners, but their intricate design requires proper installation to ensure smooth operation and longevity. A crucial step in installing any bi-fold door system is the toe and heel process, which helps them function correctly and last longer.

In this guide, we'll walk you through the toe and heel process for bi-fold doors, enabling you to complete it with confidence. But first, let's explore why toe and heeling is so essential.



Why is toe and heeling important?

Comprising several glass panels that can reach up to 3000mm in height and 1200mm in width, bifolds are notably heavy, making toe and heeling essential.

Toe and heeling is the process of distributing the weight of the glazing panels into the correct areas of the doors. When done correctly, the glass within the bi-fold system supports its own weight, preventing the door from dropping or catching on the bottom track during use.

These adjustments ensure smooth and effortless operation, guaranteeing the proper functioning of the bi-folding door for many years.

Before you get started on the toe and heel adjustment, be sure to grab packers, a glazing paddle, gasket snips and a glazing mallet.

Step 1: Positioning the first packers

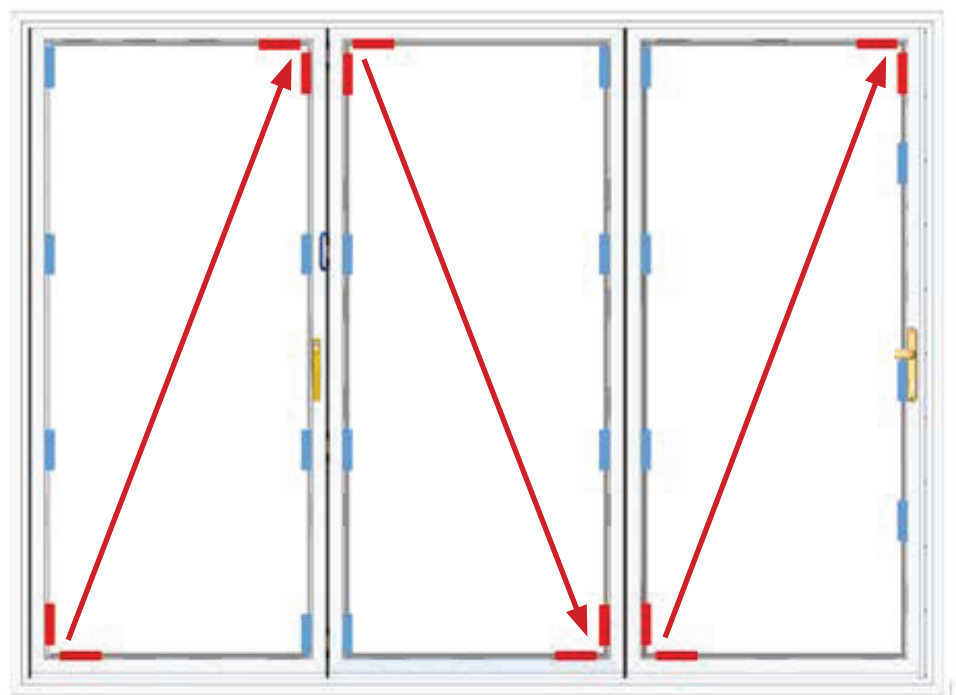
Always begin the toe and heeling process at the bottom corner of the first panel hinged to the jamb, and then work backwards towards the traffic door.



Position the first packer on the bottom rail where the glass will sit in the panel.

Step 2: Adding the glazing

Next, insert the glass into the door, ensuring it sits firmly on top of the packer at the bottom. Place packers in the same corner along the vertical stile, then add packers on the stile and rail in the opposite corner.

Once the corners are secured, insert the supporting packers. Repeat this process for the remaining doors, adding packers to alternate corners.



-  Use 'Toe and Heel' Load Bearing Packers for panel alignment
-  Use supporting packers to stabilise the panel between hardware components

Step 3: Installing the beads and gaskets

With the toe and heel process complete, the next steps are to add the beads and fit the gaskets.

When fitting the beads, always start with the top and bottom beads to secure the glass properly.

Afterward, ensure the door operates smoothly without catching. If it doesn't work as desired, make any necessary adjustments before proceeding.

Once everything is properly aligned, install the side beads.

To install the gaskets, cut them to fit the top and bottom of the door precisely, then slide them into place. Begin at a corner and work your way across the center to the opposite side.



Finalising the toe and heel process

Repeat these steps for each individual door frame. Once completed, the entire toe and heel process will be finished, ensuring the glass weight is properly distributed and adjusted.



The logo consists of two overlapping rounded square outlines in shades of blue, with the top-left corner of the front square overlapping the bottom-right corner of the back square.

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