

Internal French Doors

Before you begin

You will need:

- Wood screws, adhesive, and frame fixings suitable for your installation
- Router for recessing shoot bolt
- Multi-purpose saw
- Power drill and driver
- Spirit level
- Chisel
- Handles and latch

Hardware & Items Included:

- 6x 3" Steel hinges & screws
- 1x Flush shoot bolt, dust box, keep and screws.
- 2x Internal doors
- 1x Universal frame lining kit with loose stops & pair maker

Frame & Hardware Components

Component	Qty	Size
Head & Jambs	3	2146 x 133 x 28mm
Pair Maker	1	1981 x 8mm
Door Stops	3	2118 x 32 x 11mm
Hinges	6	
Shoot Bolt	1	

Prepare the aperture and frame

Prepare your aperture (AP.) to the correct size for your set. Once the aperture is built, cut your head to the designated frame width. Frame Jambs are supplied oversized and can be trimmed as required to suit your installation.

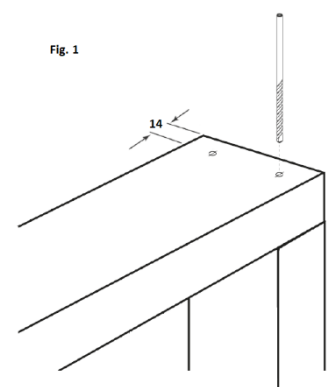
Frame assembly

The 3 main frame components are identical. Select one you will use as the frame head and cut to the required width for your door set. At this stage the jambs will be oversized and should be trimmed to the length appropriate for your installation. The longer measurement allows them to be installed before floor coverings are laid for a neater finish.

Using a 3mm drill bit, drill all the way through the frame head at both ends in the two positions shown in Fig.1. Using the same drill bit, drill through the pre-drilled holes into the jambs ready for frame fixings. We recommend using 4x No. 10 x 75mm wood screws to connect the jambs to the frame head.

Once assembled, offer the lining into your aperture and pack as required. Using the spirit level, ensure all planes are square and level and that the diagonal measurements are identical and frame jambs are an equal distance apart at the top, across the centre and at the bottom.

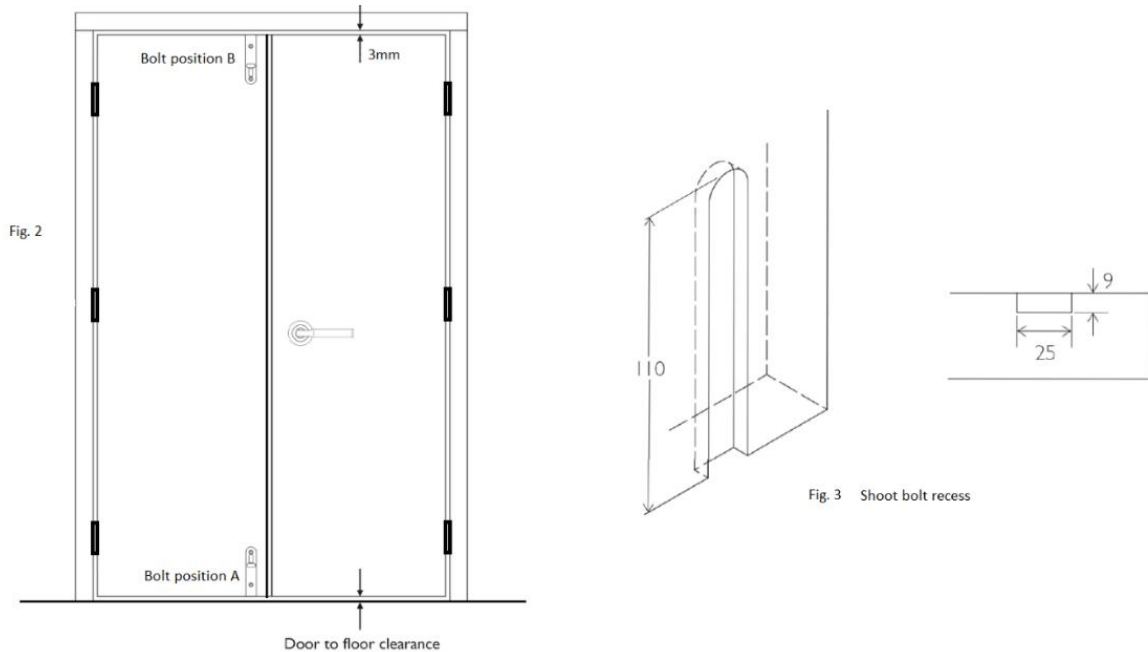
Frames can be fixed through the jamb and head at 450mm centres, or, with frame ties attached to the back of the lining and then anchored to the surrounding structure.



When fixing your frame into position please consider which room you would like the doors to open into. To allow your doors to fold back 180 degrees to the wall on either side, ensure the front edge of the lining is at least flush with the finished face of the surrounding walls.

Hanging the doors

Identify which door leaf is to be the slave door and which will be the master door (with handle). The master door will be the one to open first and can be hung on either the left- or right-hand side of the pair. The shoot bolt recess should then be routed into the slave door, on the inside face, in position A or B (Fig 2.) to the measurements given in the diagram below (Fig. 3). Keeps can then be positioned as required into either the floor or frame head once installation is complete.



Mark the hinge positions on the frame jambs and carefully chisel them to the depth of the hinge plate so it will sit flush when fitted.

Whilst offering the door up to the frame, mark the hinge positions on the edge of the door and then carefully chisel the door edge to match.

Using a 3mm drill bit, pilot drill for hinge screws where necessary. Secure the hinges to the door edges using the screws provided and then hang the doors into the frame.

At this stage the doorstops can be cut to size and placed into position using screws, pins, or adhesive.

The pair maker is designed to act as a rebate which helps the doors close onto one another. Once trimmed in length to allow for the door stop in the frame head, it should be attached to the slave door so that the master door with handle can close onto it. As with the door stops, the pair maker can be glued, pinned, or screwed into position. Only once the pair maker is fitted should you begin to fit any handles or latches on the doors.