

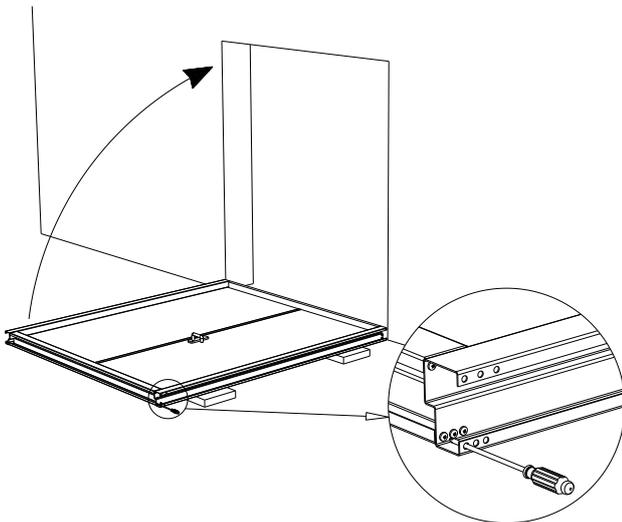
# Installation Instructions

## E12 double doorsets



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To install DoorTechnik doorsets correctly and safely, please read these instructions before starting the installation.  
Fire rated doorsets must be sealed as described in Step 11 to comply with the as-tested fire certification.

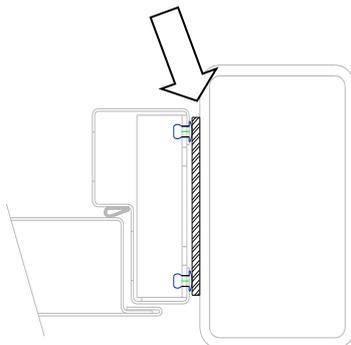


**1.** Assemble the doorset in front of the opening.

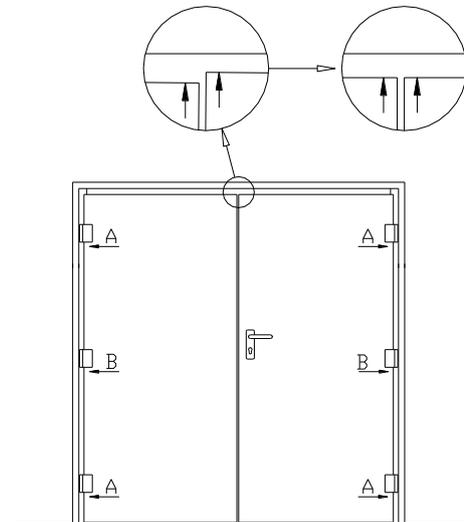
Lay out the 2 door leaves on packaging bearers, then attach the frame head and threshold with 4 taptite screws to each corner.

Ensuring all locks are fully engaged, lift the doorset up into position.

**Weight warning: comply with local manual handling guidelines.**



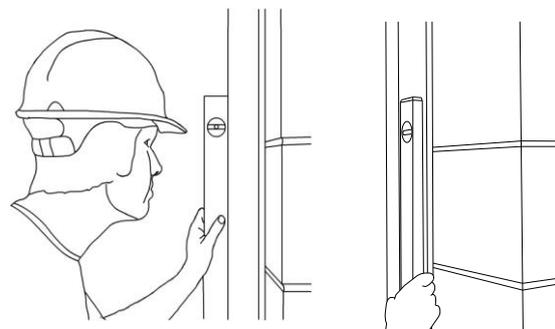
**2b.** Fitting external packings between the jambs and the structural opening.



**2a.** Align and grip the doorset in the opening, using external packings.

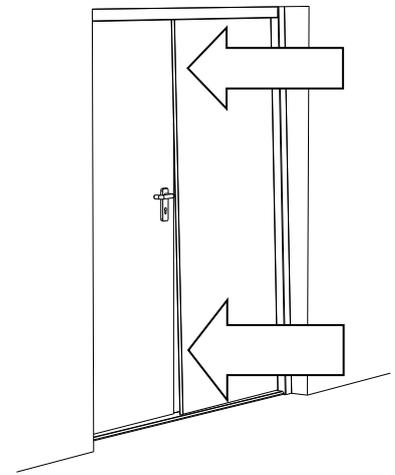
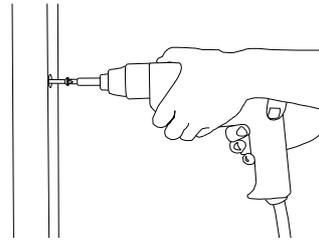
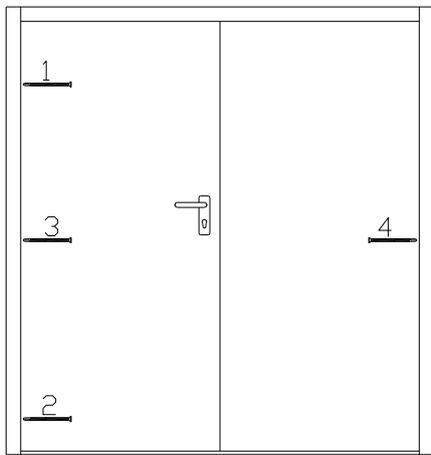
Note that when viewed from the pull side, the tops of the doors must be level with each other.

If the floor is not level, fit packers under the jambs and threshold



**3.** Ensure the frame is vertical, in both planes.

**Warning: do not open the doors until first fixings are in place, after step 5.**

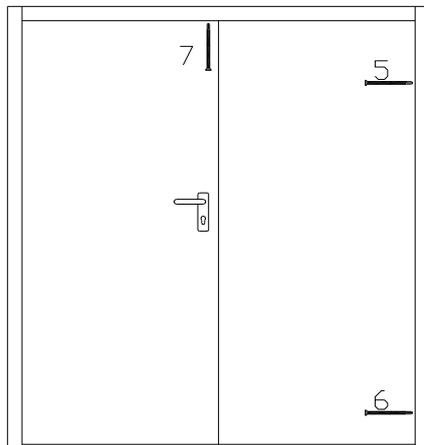


**4.** Working from the push side of the doors, first fix as shown, with 3 fixings in the active leaf jamb and 1 in the fixed leaf jamb.

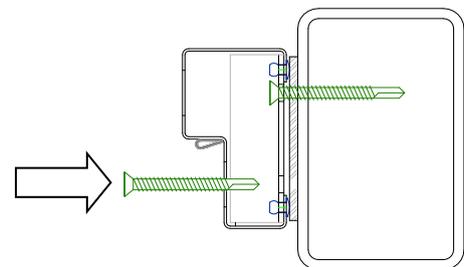
- For steel, use ITW Buildex TFL 65 or similar.
- For masonry, use Rawl frame fixings 8x60 or similar.

**5.** Open the doors, discard the transit packings, then close and lock the fixed leaf. With the active leaf nearly closed, check the alignment between the active leaf lock edge, and the slam bar frame seal, at both the top and bottom of the doors.

Pivot the fixed leafs hinge jamb about the central fixing to achieve an even gap between the face of the active leaf and the slam bar seal.



**6.** Close the active leaf again, then fit the last 2 fixings into face 5 of the fixed leaf jamb and 1 fixing into the head.



**7.** Open the door again, then second fix through the access holes in the frame reveals.

- For steel, use ITW Buildex TFL 65 or similar.
- For masonry, use Rawl frame fixings 8x60 or similar.

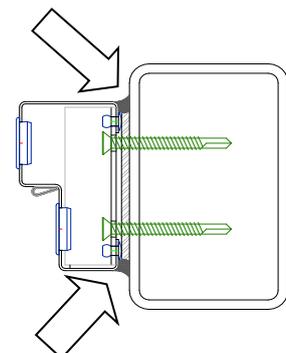
**8.** Fix threshold to floor with countersunk screws

- For steel, use ITW Buildex TFL 65 or similar.
- For masonry, use Rawl frame fixings 8x60 or similar.

**9.** Seal threshold to floor to avoid water ingress.

**10.** Adjust any door closers to suit the on-site requirements. Refer to separate instruction sheet for full details.

**11.** Check operation of all locking mechanisms.



**12.** Apply mastic or flashings to seal frame to building. Fit blanking plugs to the frame fix access holes.