

Installation Instructions

SG20 double doorsets, on hinges, Presto 50

To install DoorTechnik doorsets correctly and safely, please read these instructions before starting the installation.

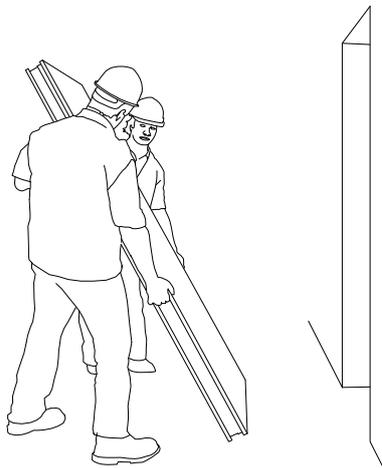
Fire rated doorsets must be packed as described in Step 5b, and sealed as described in Step 12 to comply with the as-tested fire certification.



DoorTechnik

SECURE DOOR SYSTEMS

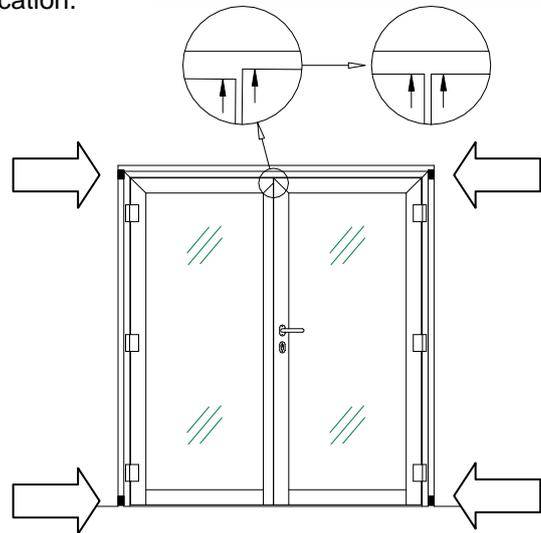
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1. Place the complete doorset in the opening.

Note that if the door leaves are removed to aid handling of very heavy or oversize doors, it can be difficult to correctly realign the door leaves and frame later in the installation process.

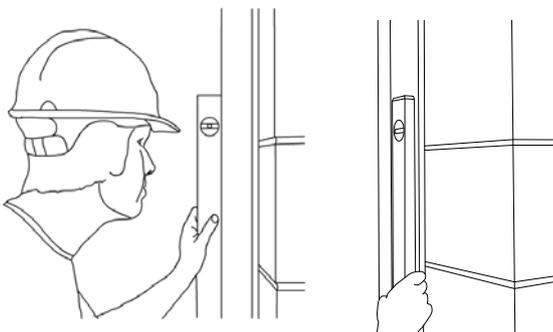
Weight warning: comply with local manual handling guidelines.



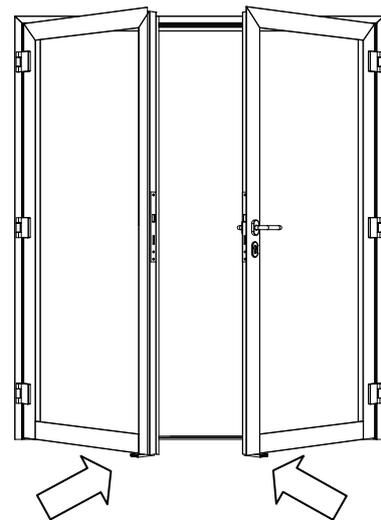
2. Align and wedge the frame into the opening, using temporary packers at the corners.

If the floor is not level, fit packers under the jambs.

Ensure that the tops of the doors are level with each other.

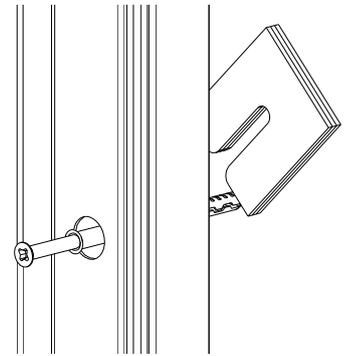
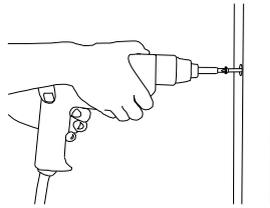
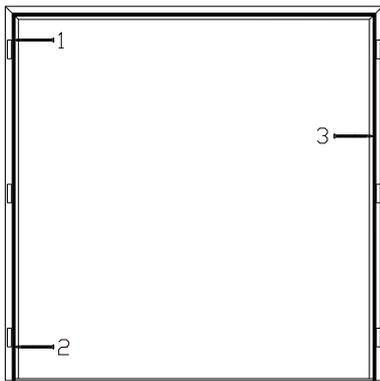


3. Ensure that the frame is vertical in both planes, particularly the fixed leafs hinge jamb, and that the top of the doors are still aligned.



4. Open both doors carefully to approx. 45°, taking care not to disturb the frame, then temporarily pack the lock edges of the door leaves off the floor, keeping the jambs vertical.

Discard the transit packers taped to the door edges.

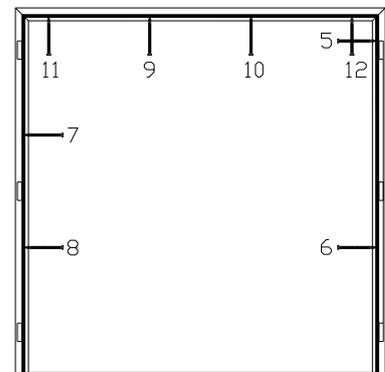
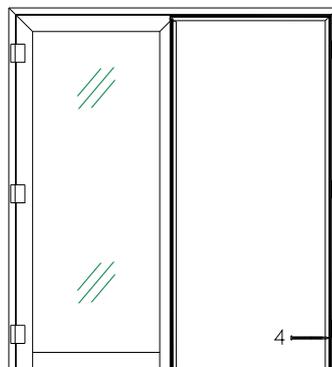
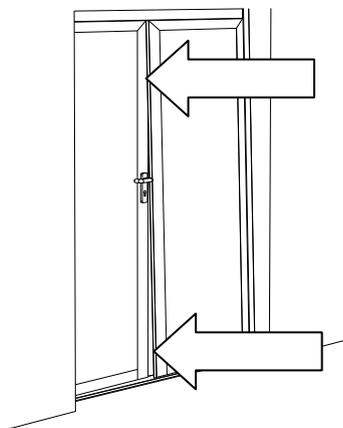


5a. First fix in the sequence shown, with 2 fixings in the fixed leaf jamb and 1 in the active leaf jamb.

- For steel, use ITW Buildex TFL 80 or similar.
- For masonry, use Rawl frame fixings 8x100 or similar.

5b. The frame fixings need to pass through permanent packers. This is best achieved by loosely securing each frame fixing into the wall, then hammering packers into position on the fixing, before fully tightening the fixing.

Steel packers must be used for fire rated doors.



6. Close and bolt the fixed leaf, then with the active leaf nearly closed, check the alignment between the meeting stiles for an even seal gap, at both the top and bottom of the doors.

Pivot the active leaves hinge jamb about the central fixing, so that the seals meet evenly and that both meeting stiles' faces are in line with other at both the top and bottom of the door.

Carefully open the active leaf to approx 45°, pack the lock stile off the floor again, then fit the 4th fixing into the bottom of the active leaf hinge jamb.

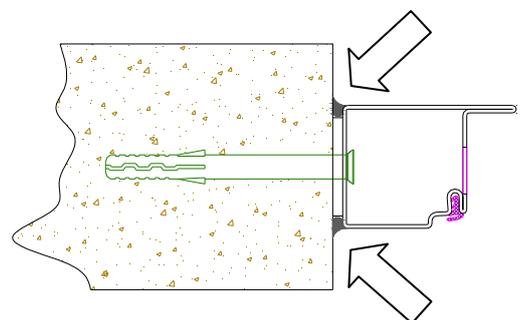
7. Check the door and frame alignments again. If they are all still ok, open both doors and fit the remaining frame fixings in the sequence shown. If not, remove some fixings and start again at Step 3.

8. Remove the temporary threshold, then fit 5mm plastic blanking plugs into the empty screw holes at the bottom of the jambs.

9. Check operation of all locking mechanisms.

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

11. Adjust the drop seal if fitted



12. Apply mastic seals between the frame and the building.

Fire rated doorsets must be sealed as shown, all round the frame, using either:

- Siroflex Flameguard
- Gluske Kerafix

or similar fire retardant silicones.