

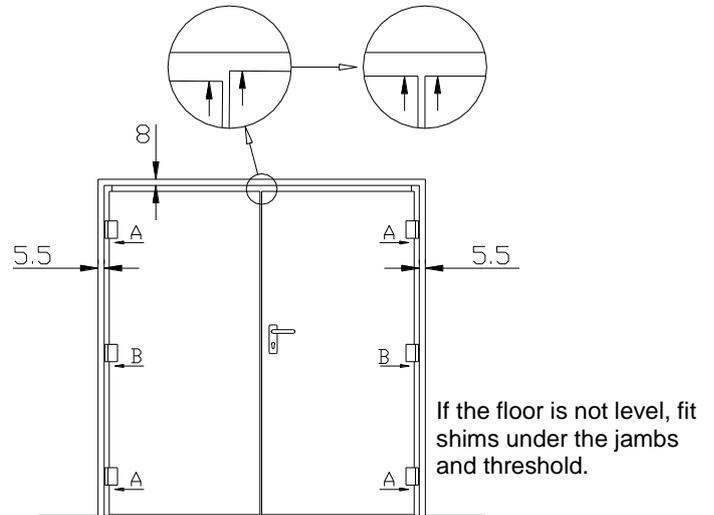
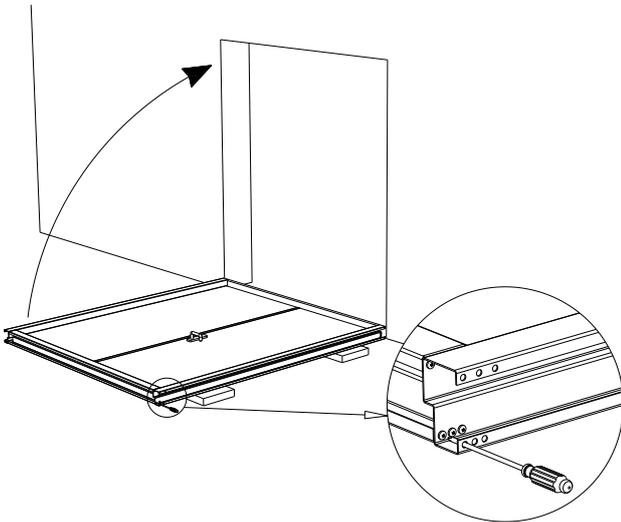
Installation Instructions

X15-2 & X15-3 double doorsets
fitting into steel openings



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To install DoorTechnik X-series security doorsets correctly and safely, please read these instructions before starting the installation. To comply with the as-tested security certification, take particular note of the fitting clearances in Step 2, the frame setback shown in Step 5, and the use of approved frame fixings in Step 6 and Step 10.



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 6 tap-tite screws to each corner.

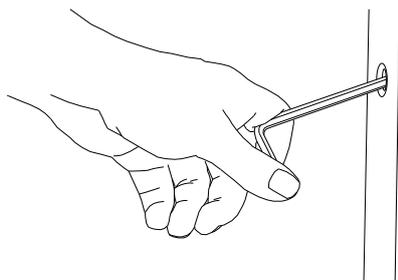
Ensuring all locks are fully engaged, lift the doorset up into position.

Weight warning: comply with local manual handling guidelines.

2. Align and grip the doorset in the opening, using the frame adjusting screws A in the corners, then the middle adjusters B.

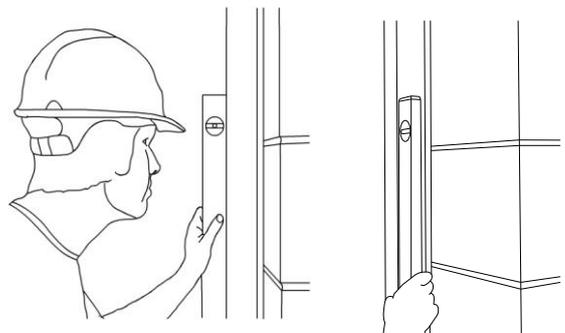
Note that when viewed from the pull side, the tops of the doors must be level with each other.

Note the maximum fitting clearances shown above. Set the hinge jambs back into the wall as shown in Step 9.



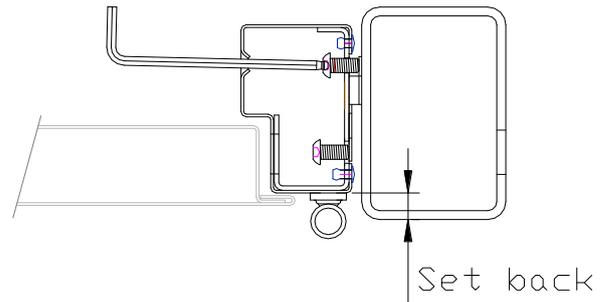
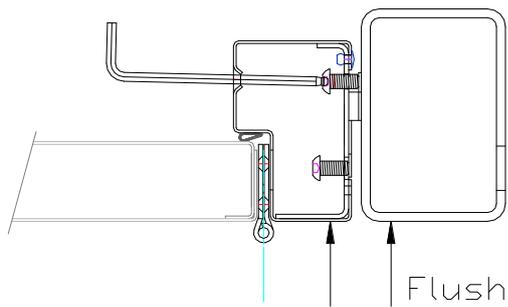
3. Tighten the frame adjusters clockwise, with a 5mm ball-ended Allen key, until the ends of the spreader plates are flat against the wall.

Access is gained through the countersunk holes in the jambs, angling the key 20° from horizontal.



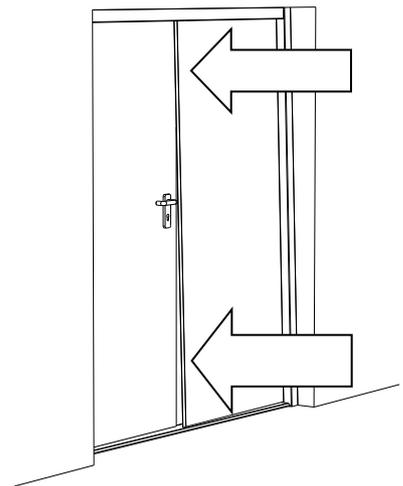
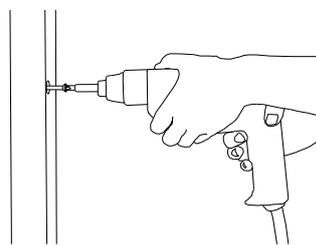
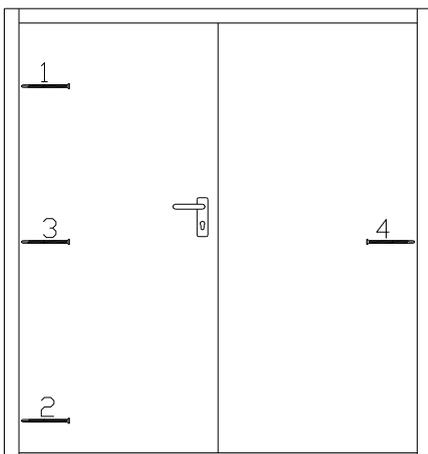
4. Ensure the frame is vertical, in both planes.

Warning: do not open the doors until first fixings are in place, after step 6.



5. Set the jambs flush, or back from the outer steelwork. Both hinge types are shown above, and either may be set flush or back.

Keep repeating Steps 2-5 until the doorset is true in the opening.

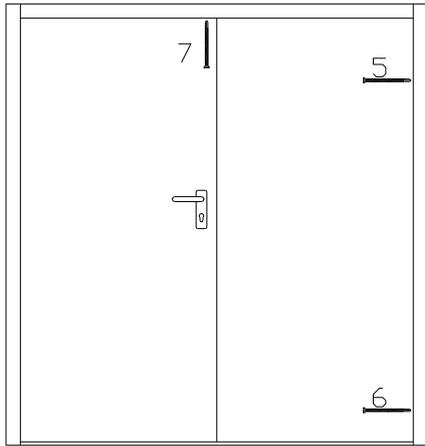


6. Using long countersunk frame fixings, first fix as shown, with 3 fixings in the active leaf jamb and 1 in the fixed leaf jamb.

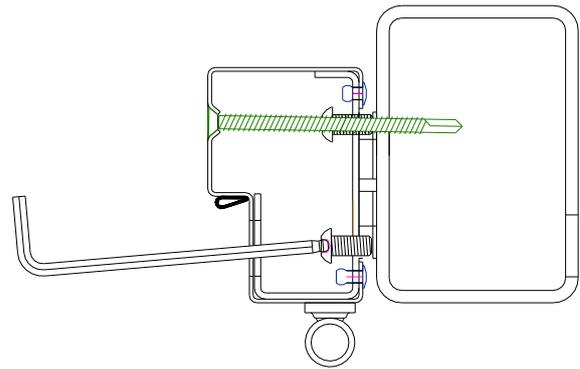
- For steel, use ITW Buildex TFL 100 or similar.

7. Open the doors, discard the transit packings, then close and bolt 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.

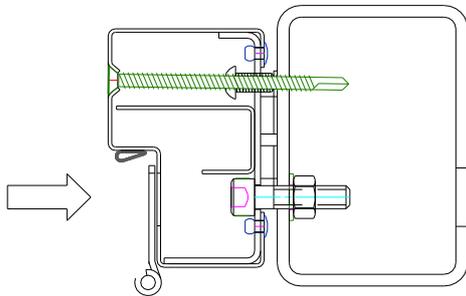
Pivot the fixed leafs' hinge jamb about the central fixing to achieve an even gap between the face of the active leaf and the slam bar seal.



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



9. Open the doors fully, then tighten the frame adjusters in the reveals.



10. Using approved screws only, second fix through the access holes in the frame reveals.

- For X15-2 doors into steel, use M8x40 cap head socket screws grade 12.9, through fixed and secured with washers and hex nuts as shown.
- For X15-3 doors into steel, use M10x40 cap head socket screws grade 12.9, through fixed and secured with washers and hex nuts as shown.
- The same screws may also be blind fixed by tapping into the steel.

11. Fix threshold to floor with countersunk screws

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

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

13. Check operation of all locking mechanisms.

14. Apply mastic or flashings to seal frame to building.

15. Seal threshold to floor to avoid water ingress.