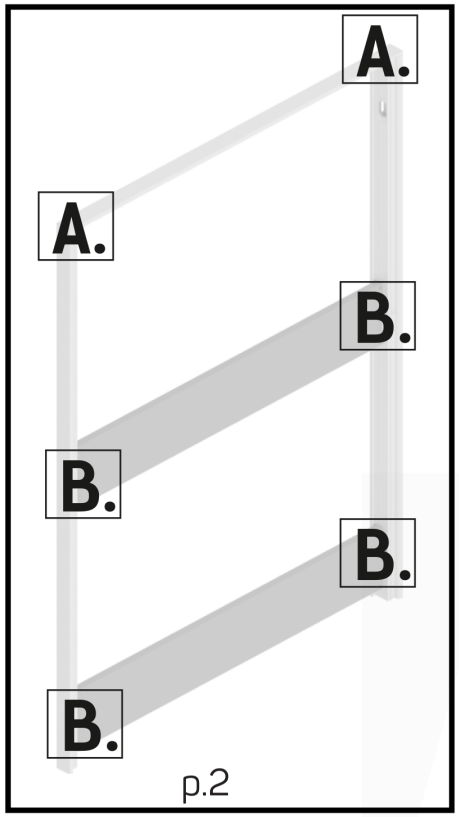
PP01

Assembly instruction

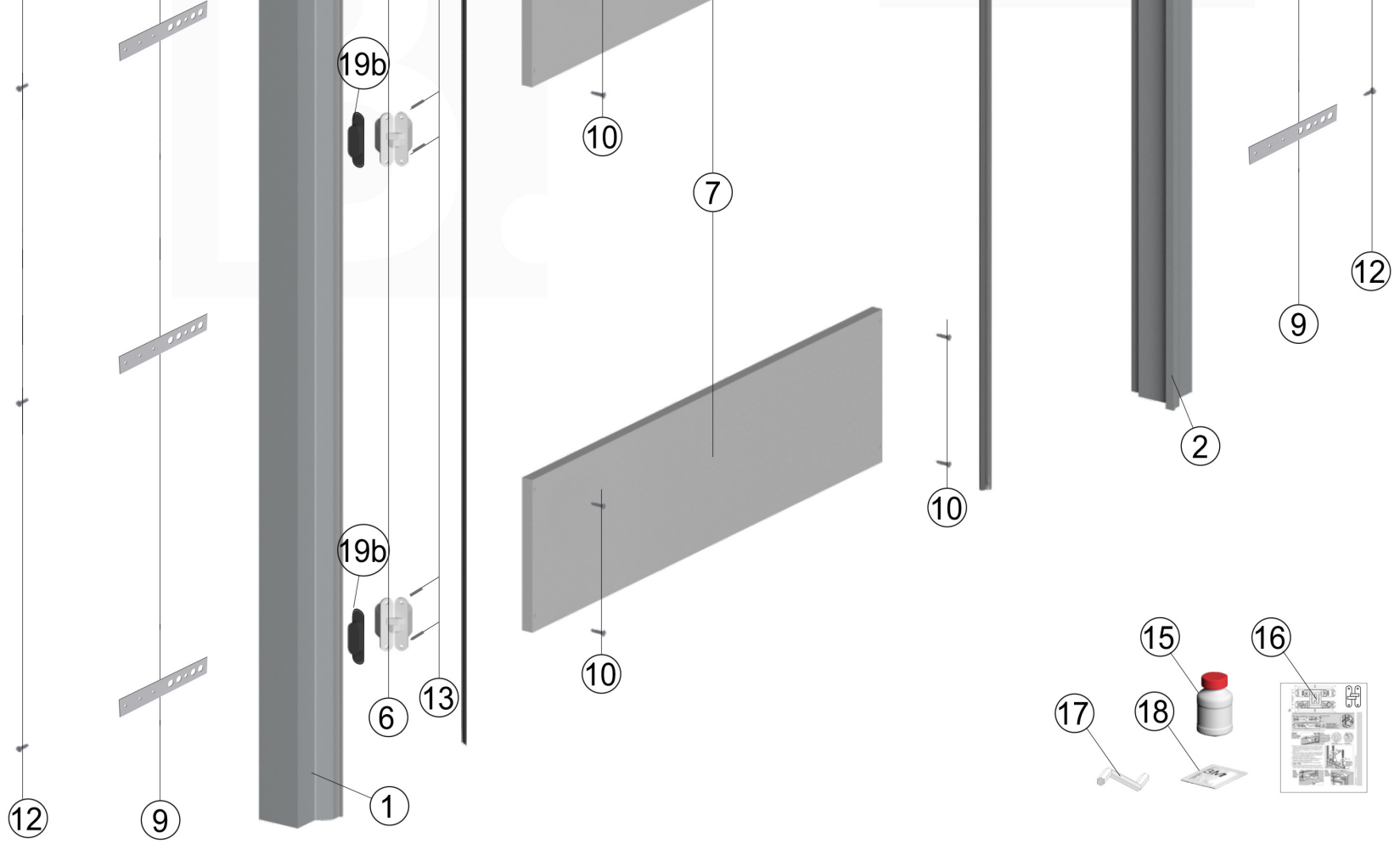
DOOR FRAME COVERT

opened inward

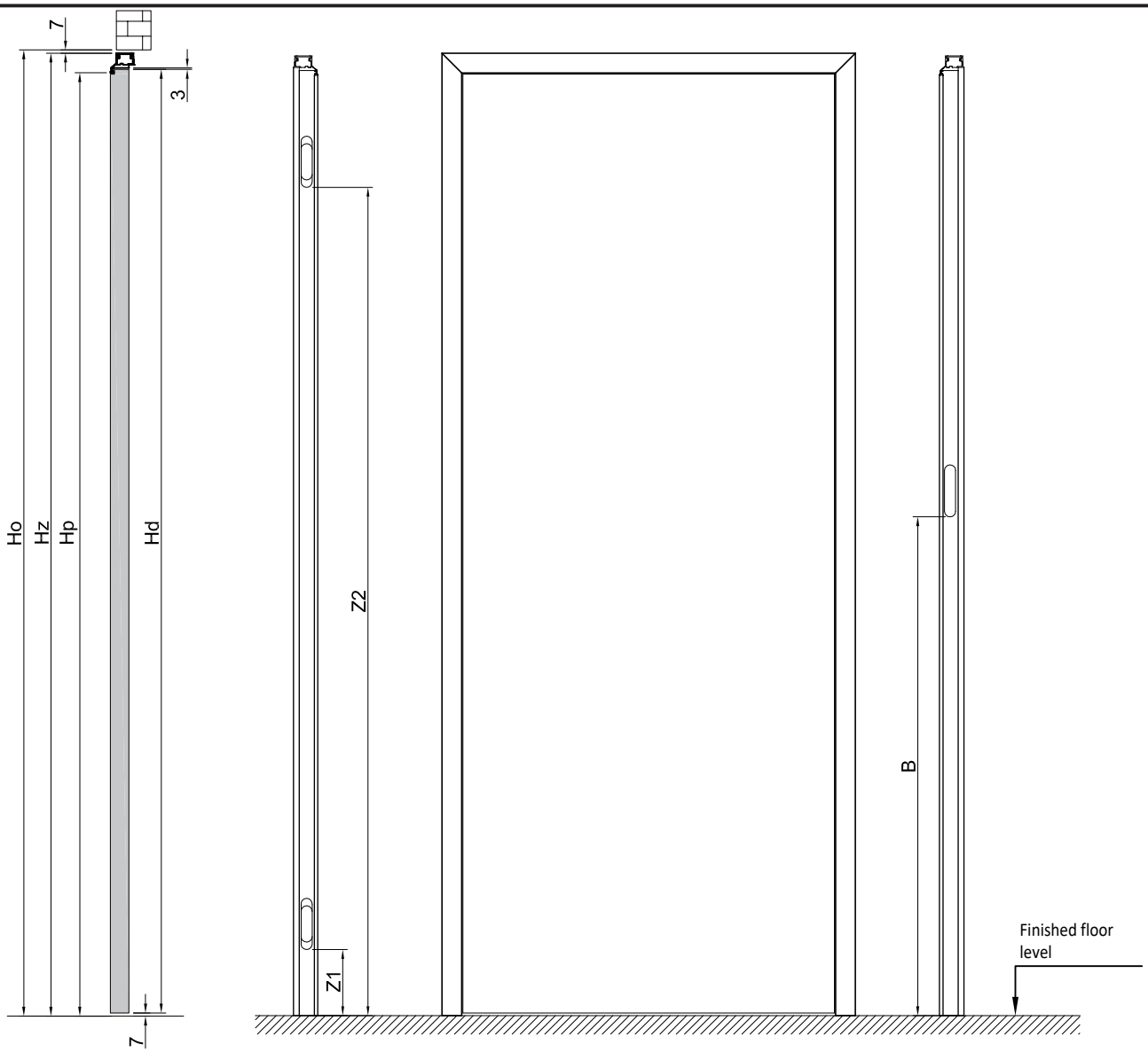
LEON®


A.
A.
B.
B.
B.
B.
p.2

5
11
3
11
5
11
4
19b
11
19a
8
11
10



1. x1	6. min. x2	11. 3,5x22 x6	16. x1
2. x1	7. x2	12. 4,2x19 x8	17. x1
3. x1	8. x1	13. M5x16 min. x4	18. x1
4. x3	9. x8	14. 4,5x35 min. x4	19. a. x1 i b. min. x2
5. x2	10. 3,9x25 x8	15. x1	



PN

Sd	Sz	So	Sp	Sp 90°	Hd	Hz	Ho	Hp	B	Z1	Z2
620	690	700	605	575	2030	2072	2080	2030	1052,5	257,5	1737,5
720	790	800	705	675							
820	890	900	805	775							
920	990	1000	905	875							
1020	1090	1100	1005	975							

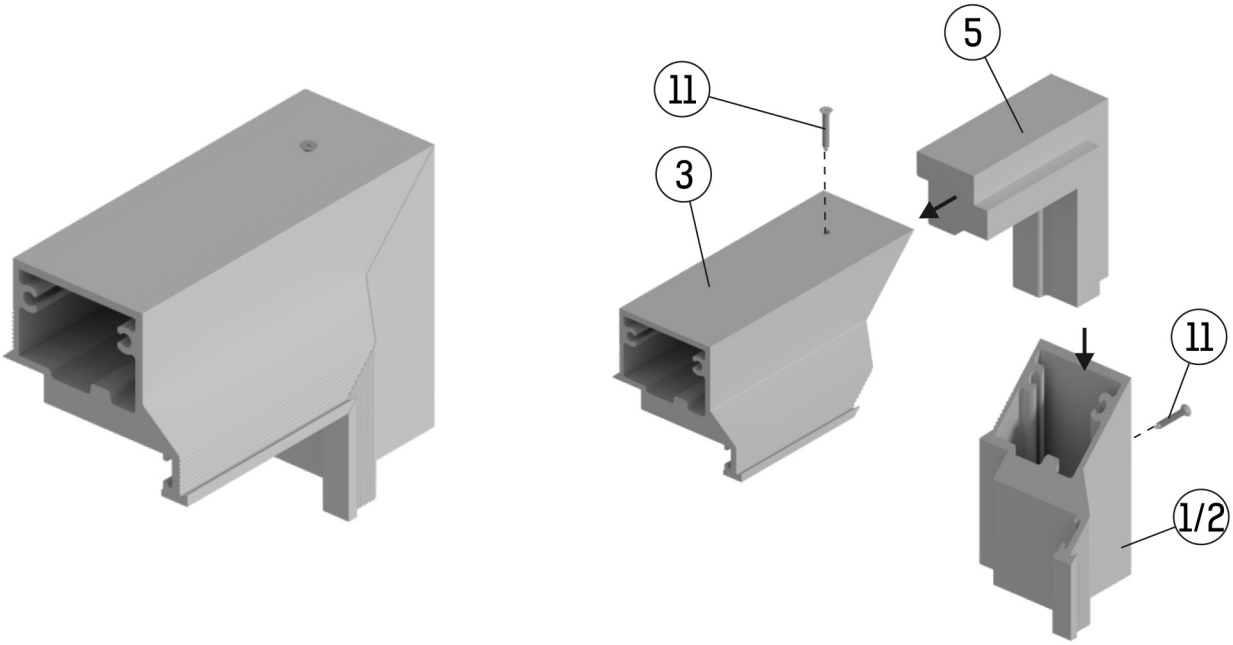
CN

Sd	Sz	So	Sp	Sp 90°	Hd	Hz	Ho	Hp	B	Z1	Z2
620	690	700	605	575	1983	2025	2032	1983	994,5	184,5	1734,5
720	790	800	705	675							
820	890	900	805	775							
920	990	1000	905	875							
1020	1090	1100	1005	975							

Screwing door frame corners together

A.

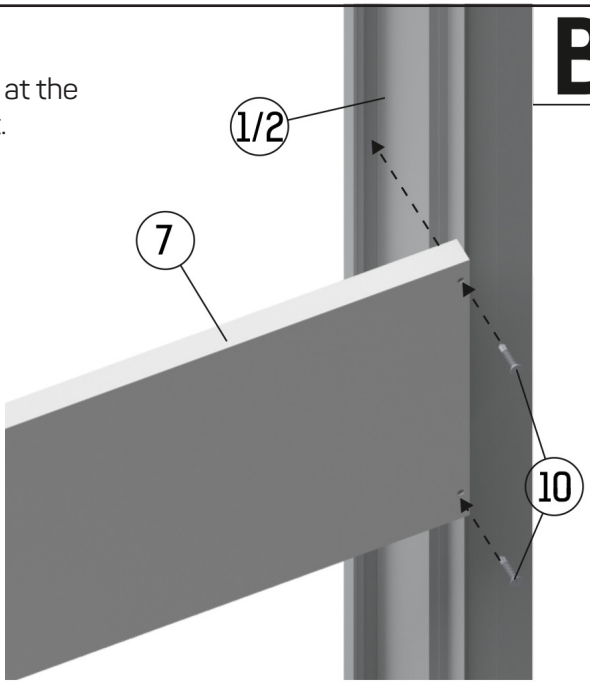
Put the door frame profiles together using angle brackets and then pre-drill holes for screws in them using the Ø3 bit.

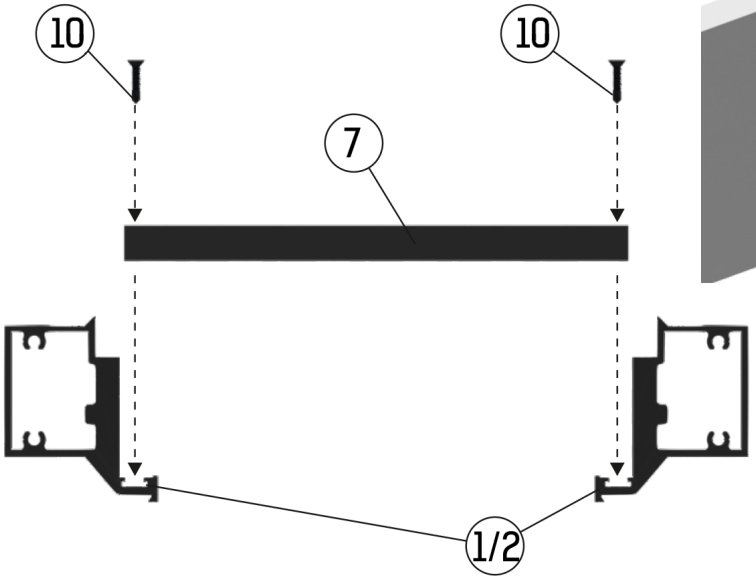


Mounting expansion strips

B.

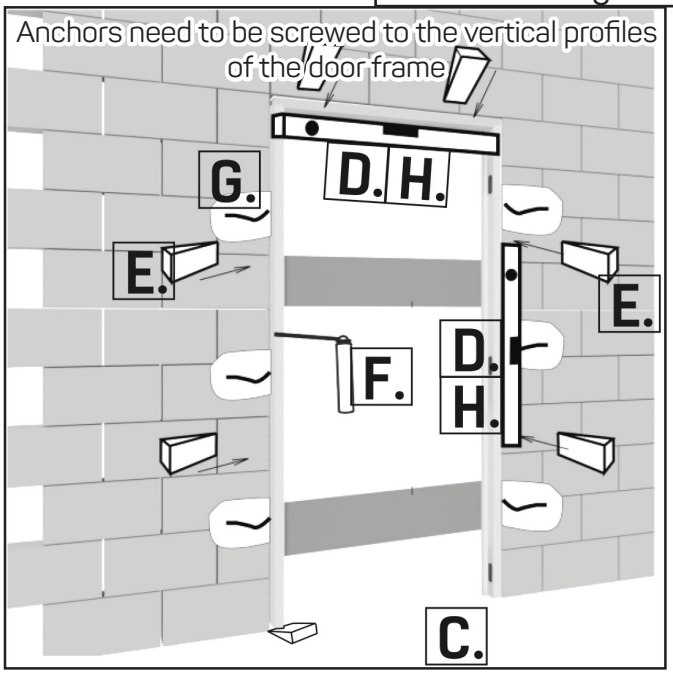
Screw the expansion strips to the door frame profiles at the places which will be later covered by the gasket.

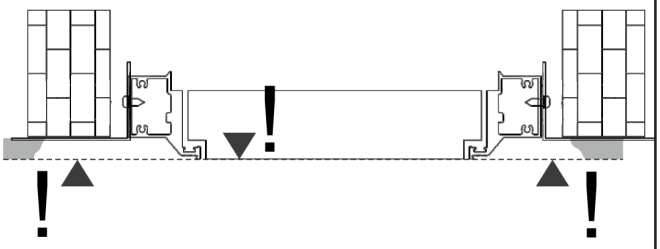




Mounting in a masonry wall

Anchors need to be screwed to the vertical profiles of the door frame

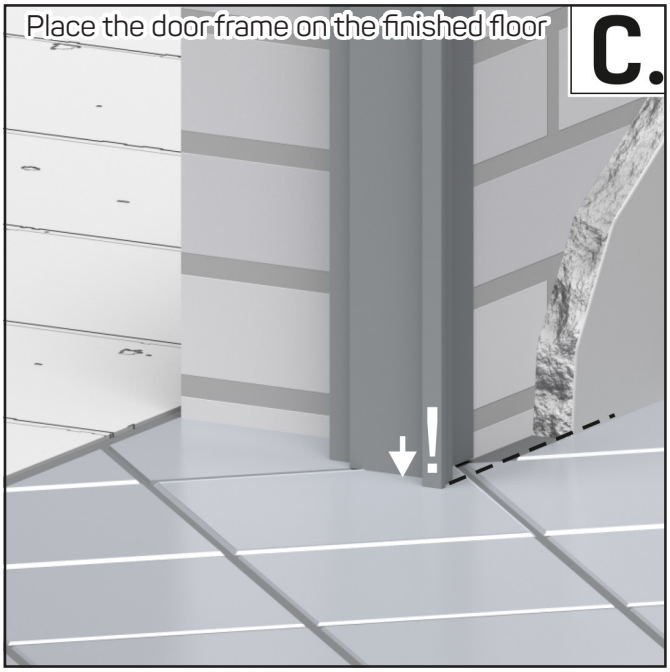




Slide the door frame profiles out of the structural opening so that they protrude by the plaster layer thickness

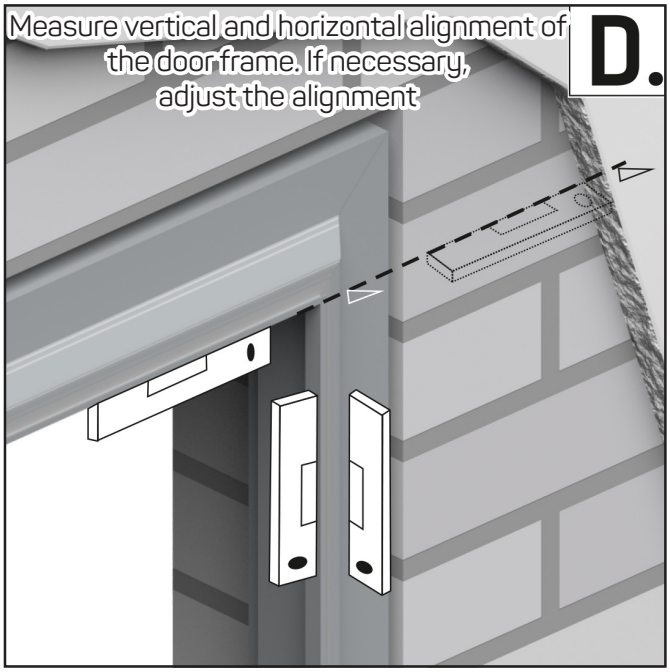
C.

Place the door frame on the finished floor



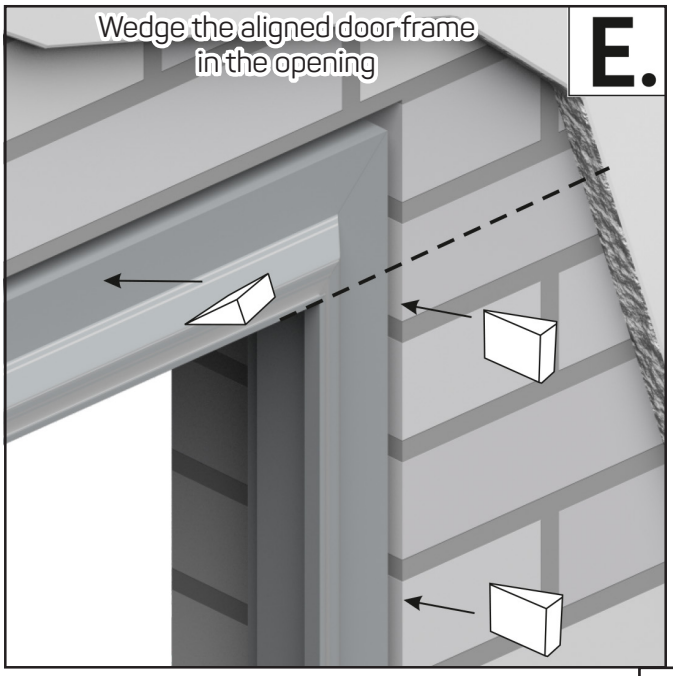
D.

Measure vertical and horizontal alignment of the door frame. If necessary, adjust the alignment



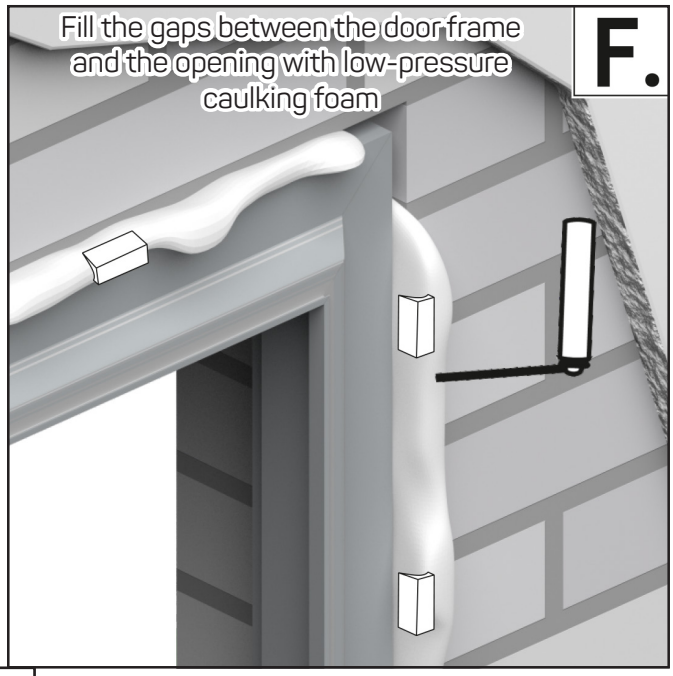
E.

Wedge the aligned door frame in the opening



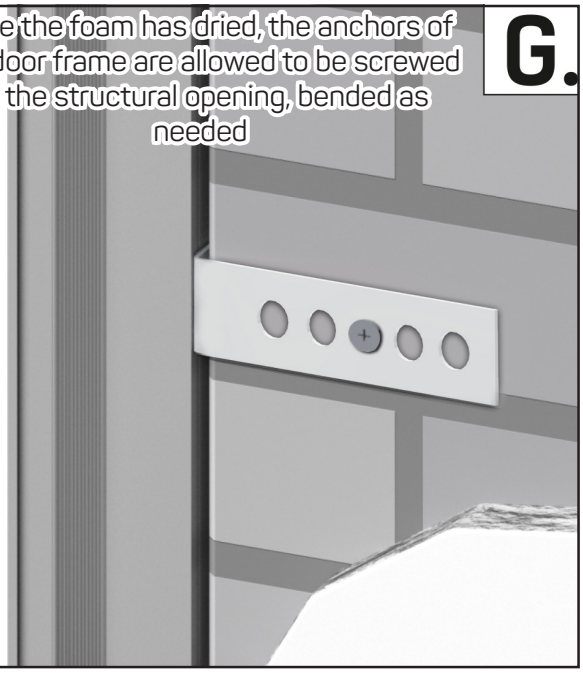
F.

Fill the gaps between the door frame and the opening with low-pressure caulking foam



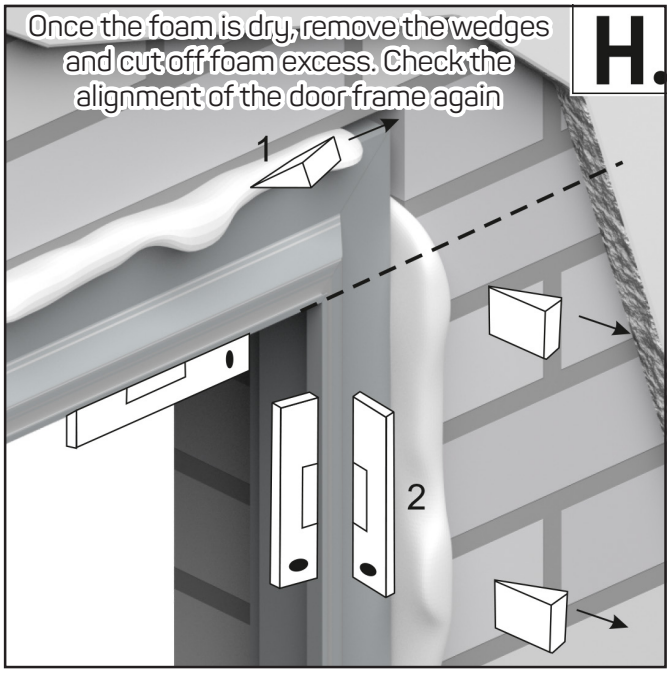
G.

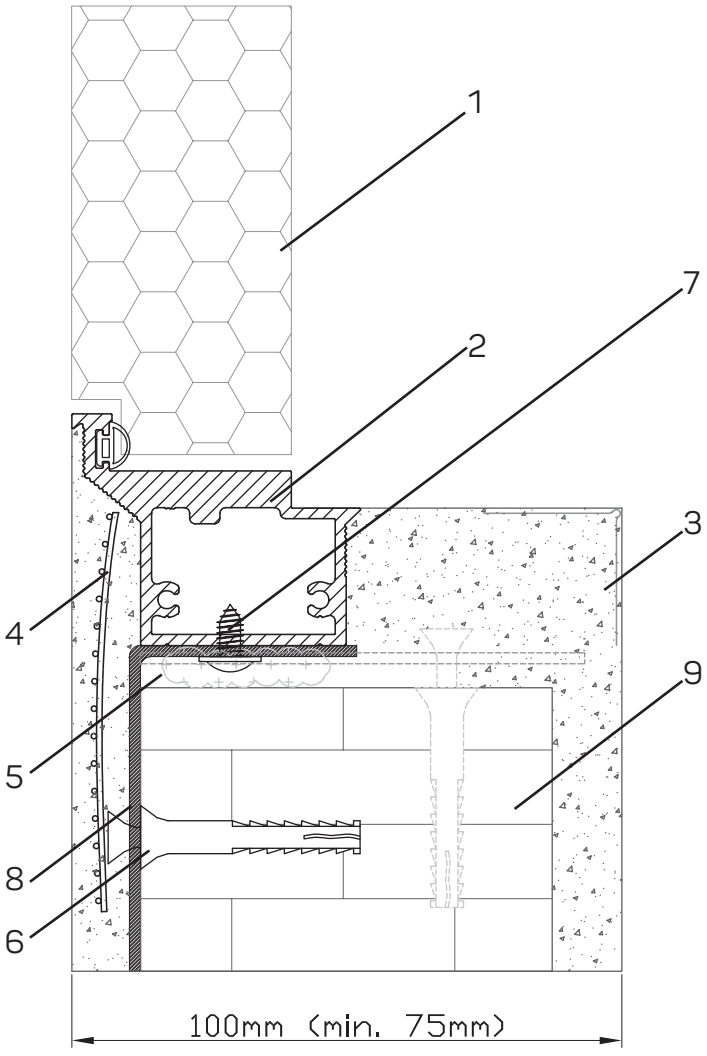
Once the foam has dried, the anchors of the door frame are allowed to be screwed to the structural opening, bended as needed



H.

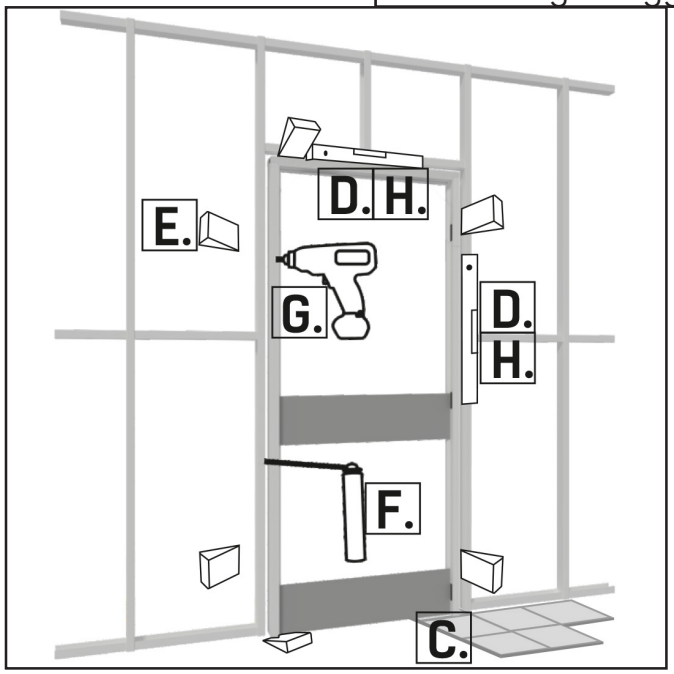
Once the foam is dry, remove the wedges and cut off foam excess. Check the alignment of the door frame again

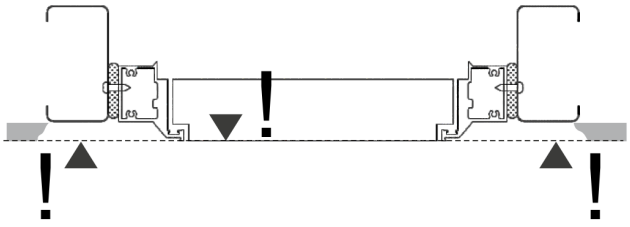




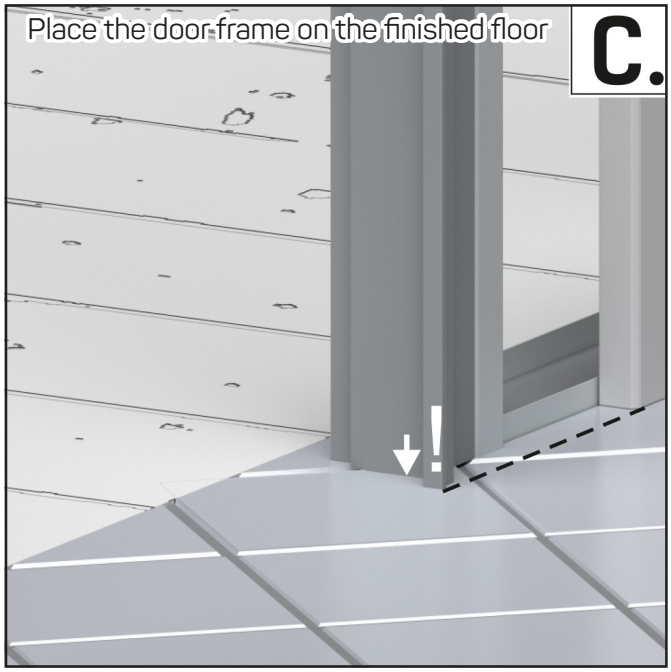
1. Door leaf	6. Expansion anchor
2. Door frame profile with gasket	7. Screw of the anchor
3. Plaster	8. Mounting anchor
4. Lathing	9. Masonry
5. Caulking foam	

Mounting in a gypsum board wall

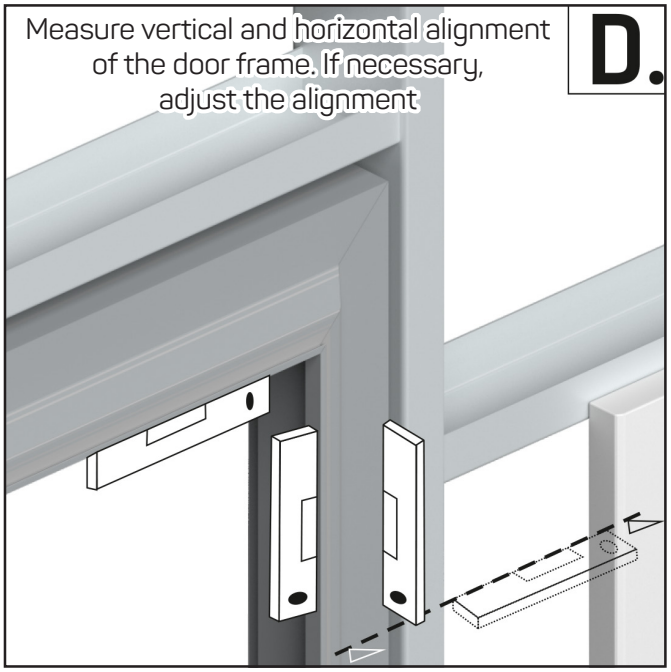




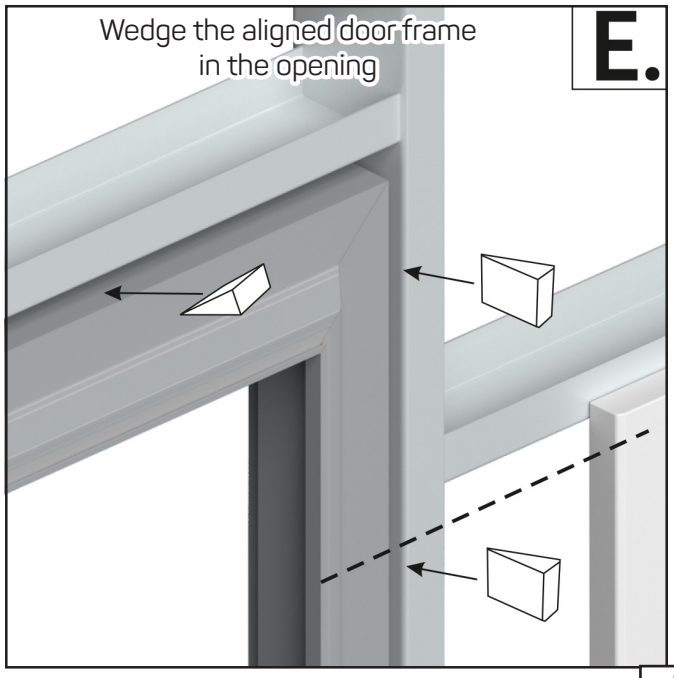
Slide the door frame profiles out of the structural opening so that they protrude by the gypsum board thickness



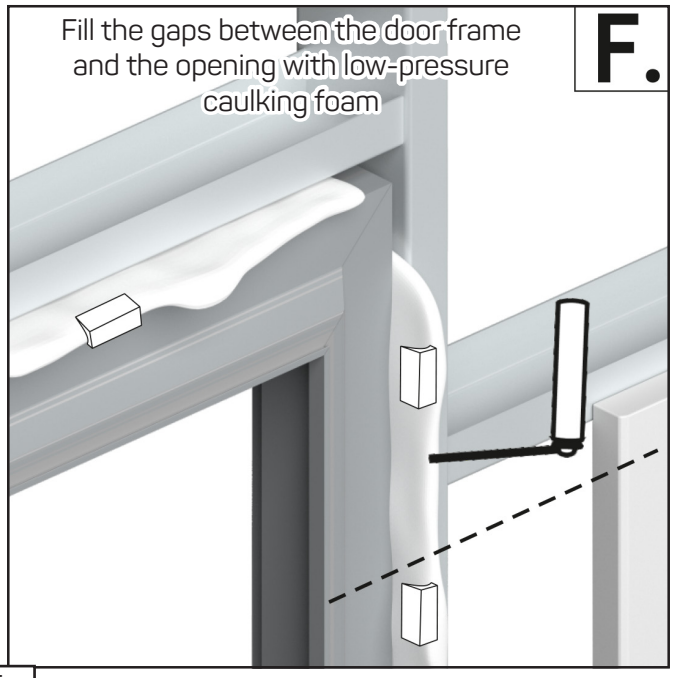
C. Place the door-frame on the finished floor



D. Measure vertical and horizontal alignment of the door frame. If necessary, adjust the alignment



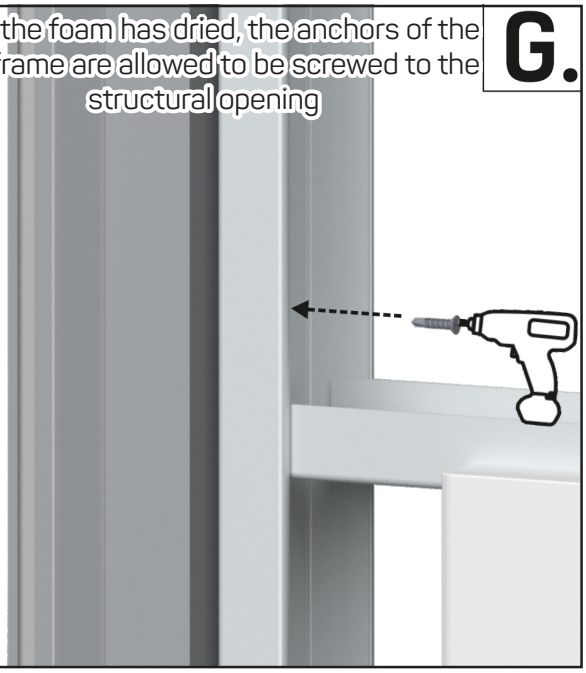
E. Wedge the aligned door frame in the opening



F. Fill the gaps between the door frame and the opening with low-pressure caulking foam

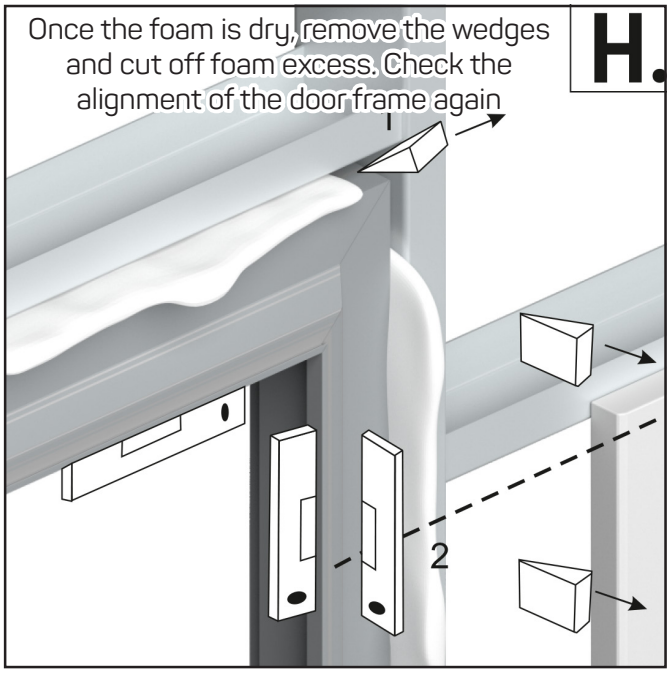
Once the foam has dried, the anchors of the door frame are allowed to be screwed to the structural opening

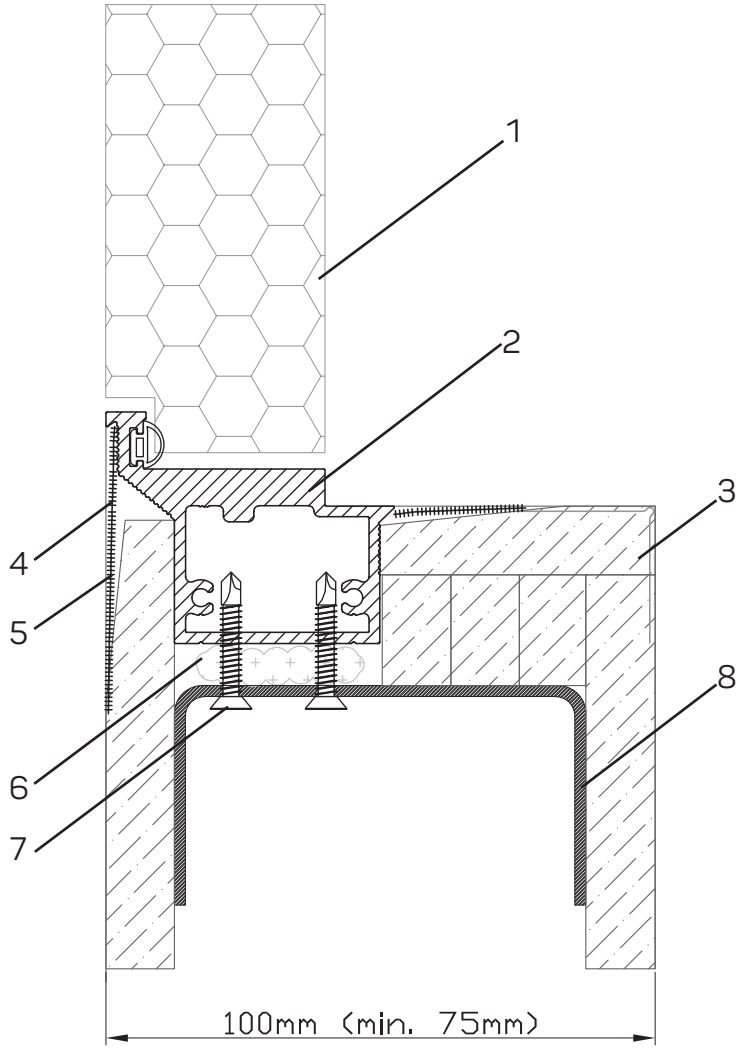
G.



Once the foam is dry, remove the wedges and cut off foam excess. Check the alignment of the door frame again

H.



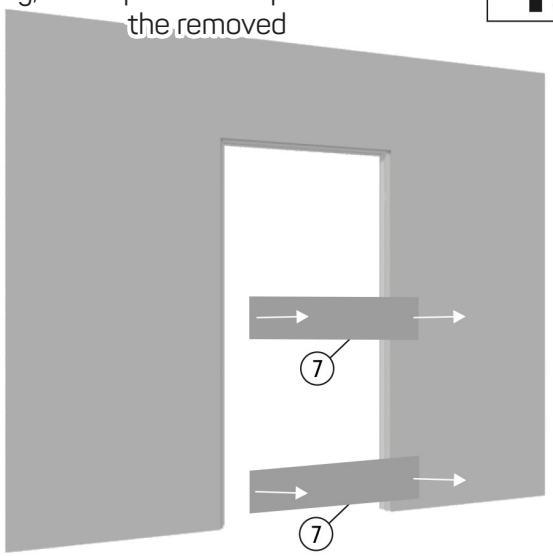


1. Door leaf	5. Gypsum putty
2. Door frame profile with gasket	6. Caulking foam
3. Gypsum board	7. Fixing screw
4. Joint lathing	8. Steel door frame profile

Finishing works

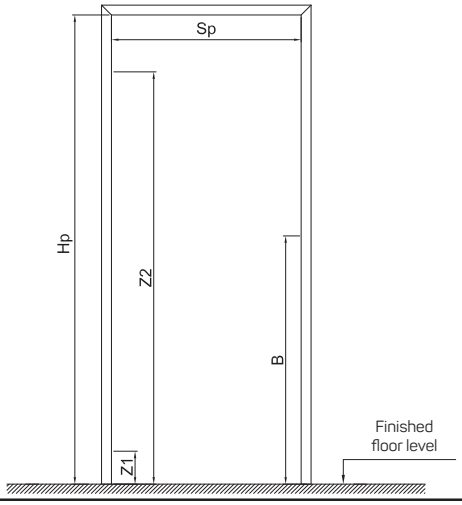
I.

Once the door frame has been set in the opening, the expansion strips are allowed to the removed



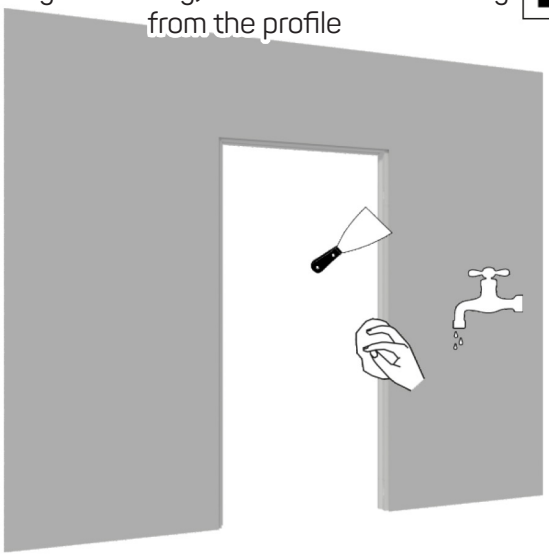
J.

Before machining, it is important to check the basic dimensions according to the drawing below and compare them with the dimensions in the table on page 1



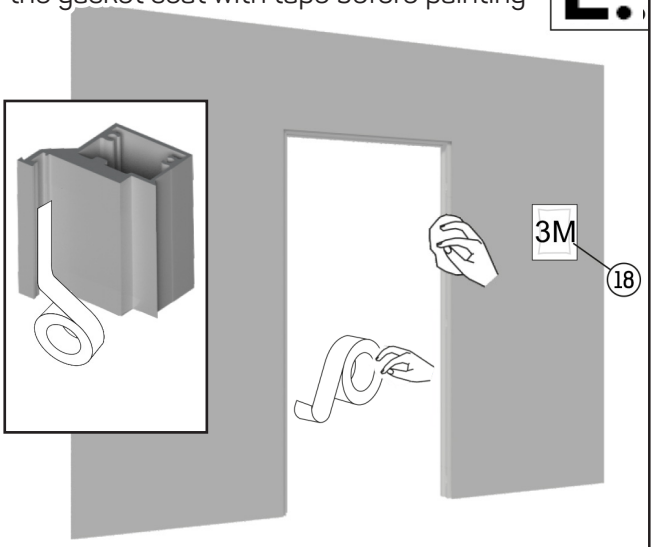
K.

Finish the door frame with plaster/putty (using the lathing) and then remove soiling from the profile



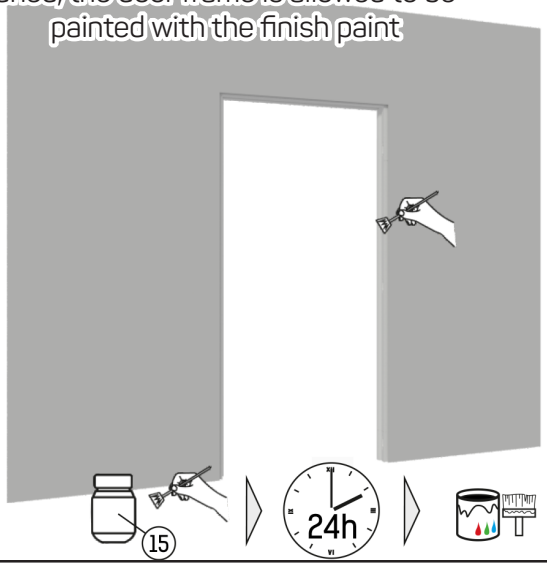
L.

Degrease the door frame profiles. Protect the gasket seat with tape before painting



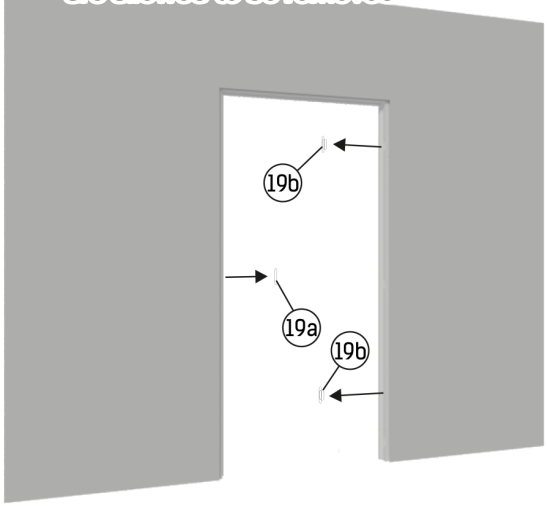
M.

Paint the door frame profiles with the included primer. Once the primer has fully dried, the door frame is allowed to be painted with the finish paint



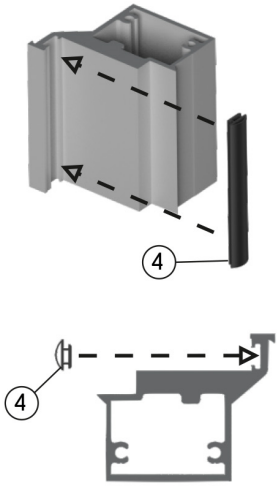
N.

Once the door frame has been finished, the caps of the hinges and of the strike plate are allowed to be removed



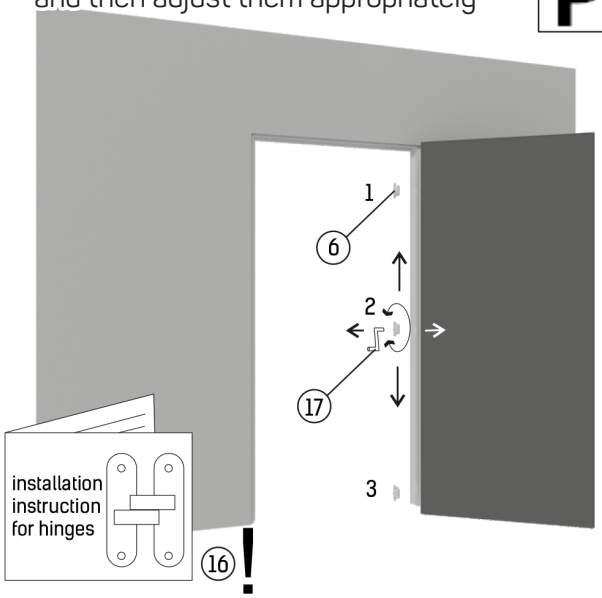
O.

The gasket is asymmetrical - it must be inserted by the appropriate side, the one offering less resistance



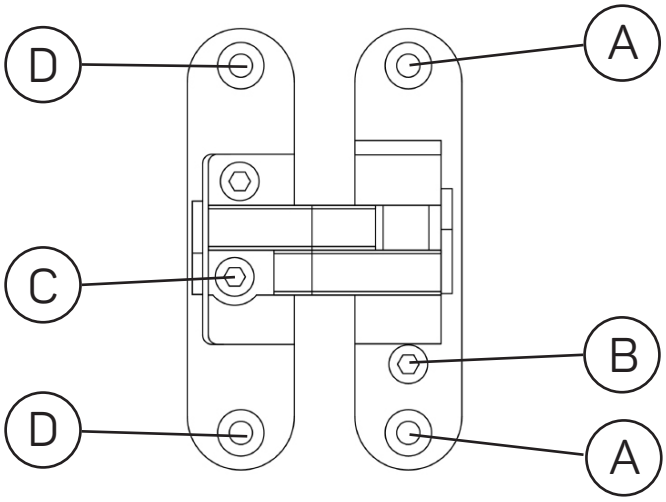
P.

Finally, install the strike plate and the hinges and then adjust them appropriately

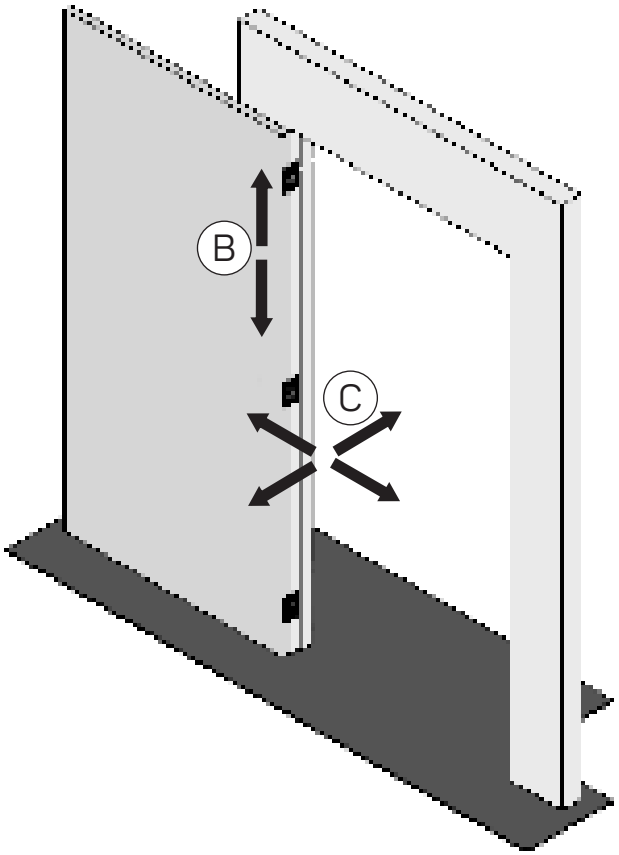


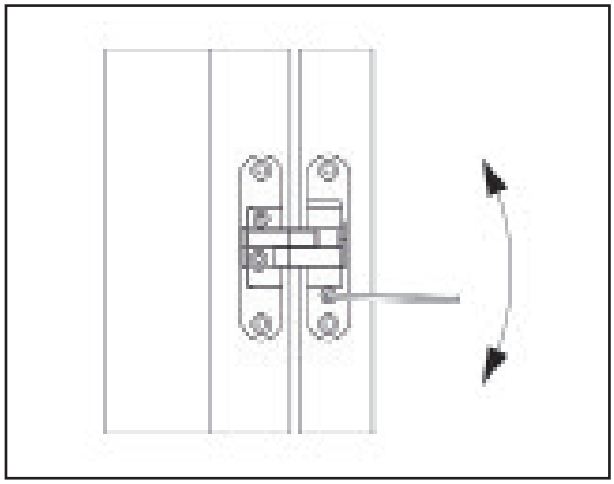
Adjustment instruction of standard used hinges

Installation and adjustment of the hinges should be performed in a professional manner



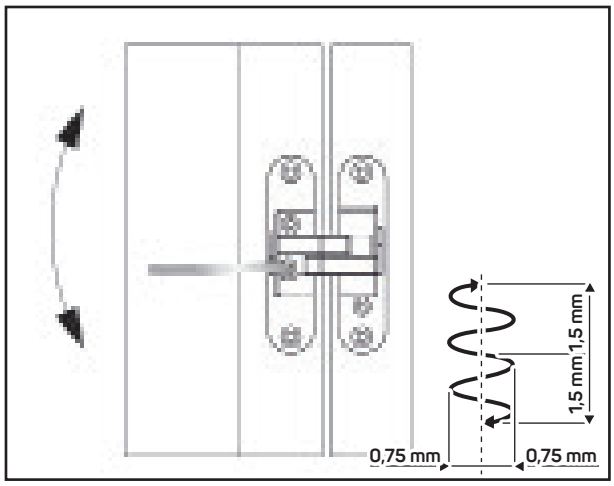
A - Opening that serves for fastening the hinge to the door frame
B - Bolt for hinge adjustment up and down (making the top gap even)
C - Bolt for hinge adjustment front and back (making the door leaf flush with wall surface) and for hinge adjustment right and left (making side gaps of the door leaf even)
D - Round opening that serves for fastening the hinge to the door leaf



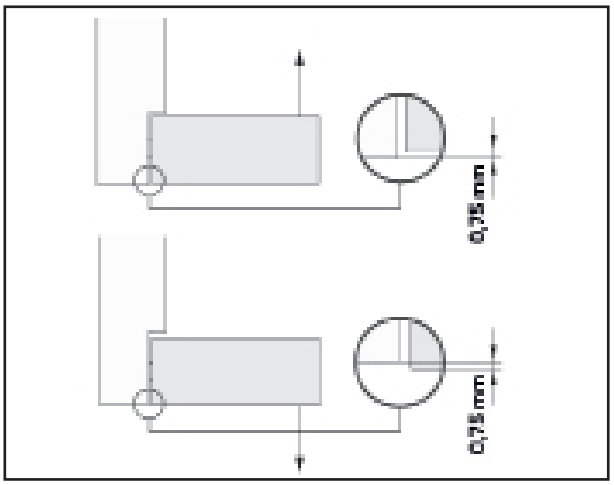


1. In order to adjust the door leaf height (decrease or increase the top gap), evenly tight or unscrew the screw [B] on all mounted hinged.
   Adjust hinges in such a way that the gap between the door frame and the door leaf is about 3 mm.

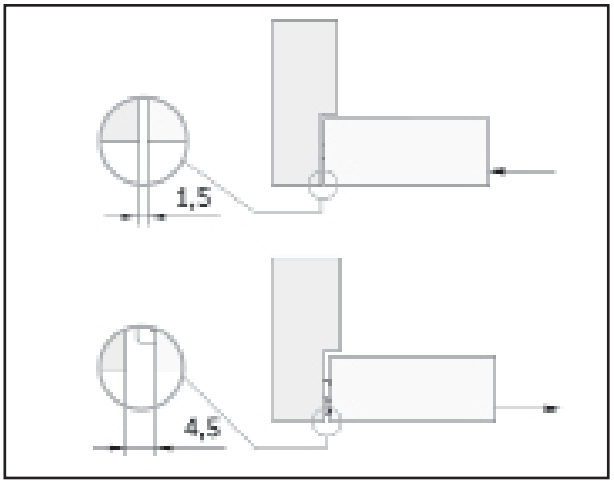
   The range of hinge adjustment is **3 mm** from its lowest position.



2. In order to adjust the gaps between the door leaf and the door frame on the sides and position the door leaf so that its surface is flush with the wall surface tighten or loosen bolt [B] in the hinge. Thanks of that door leaf will be simultaneously move sideways and move closer and further away from the door frame.



The range of door leaf adjustment relative to the wall surface is **+/-0,75 mm.**



The range of side gaps adjustment is **+/-1,5 mm.**

Adjust all hinges evenly so that none of them is overloaded, which will prevent their damage.