

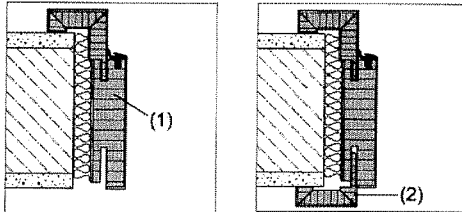
Assembly

Our products are checked after careful quality control before dispatch. Nevertheless before fitting it is to be checked whether there are any fabrication defects and the frame corresponds to the version ordered. We do not accept any liability in the event of improper treatment / maintenance, faulty assembly and natural wear and tear. After fitting, complaints will no longer be dealt with.

1. Note for assembly:

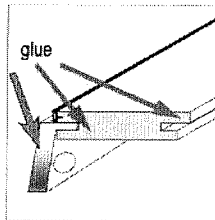
Genuine wood veneers, due to growth differences deviate from one another in structure and colour and this is the characteristic of natural wood. Such differences can, depending on the type of wood, turn out to be more or less marked and can even occur within one frame package.

The frame consists of 2 parts: 1 = frame with frame plate, 2 = architrave



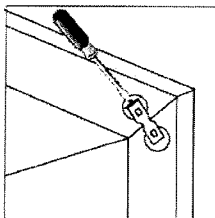
Please note that the following items are necessary for correct instalment: Fitting foam (2 C-PUR-Foam in cans) as well as 6 qu. dowels Ø 8mm and 6 qu. screws 5 x 80 mm.

2.

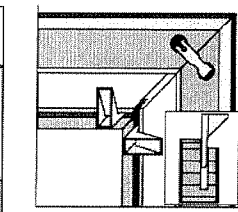
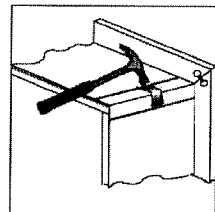


If seals protrude, cut them off.
Coat the mitre surfaces of the rebate lining and the upper rebate of the upright frame parts with glue.

3.



Join frame parts together, place mitre connector (clamps) into the drill holes of the lining, align the mitre flush with the faces and screw tight.

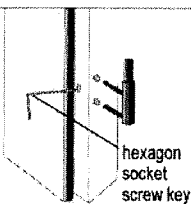


Place the steel clips in the groove of the horizontal member and hammer them into the groove of the upright part of the frame. With a frame depth from 145 mm 2 steel clips per side.

Especially in the case of frames with a rounded edge now press the mitre protection corners of the linings with the flattened tip into the groove for the architrave, in this way the pressure of the steel clips is transferred to the visible groove cheeks, thus ensuring a tight joint. Take the protective corners out of the groove only when the glue at the mitre corners has hardened.

Assemble architrave as in the cases of Points 2 and 3.

4.



Push the frame parts up to about 3 mm into the hinge pockets and tighten.

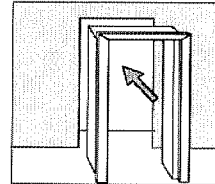
Important:
Before the fitting of the frame and architrave allow the glue to set.

Fitting

5. Note on floor joint

During fitting care is to be taken to ensure an adequately large air gap at the bottom. If necessary, the frame must be shortened before fitting or be shimmed up during fitting.

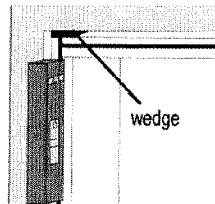
For the door leaf FD 30 GH / W is the air gap limited to 5 ± 2 mm.



Place the frame in the wall opening. Possibly mortise hinge pockets and slots for foam-lining (space for foam-lining). In the case of hard floors (tiles, parquet etc.) insert the frame approx. 2 mm higher in order to seal off the frame in a permanently elastic manner at the bottom in order to prevent the ingress of moisture.

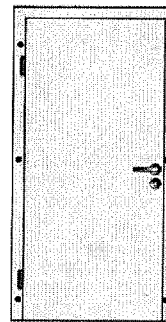
See point 10 and fitting tip No. 4

6.

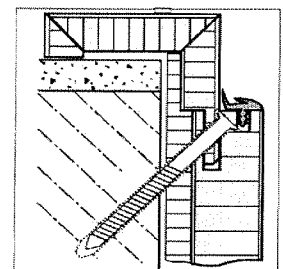
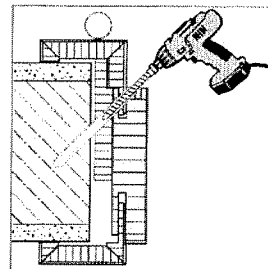


Wedge the frame firmly in place above the upright parts of the frame and align it perpendicularly and horizontally.

7.



Fill up the frame compression-proof (e.g. with hardboard strips or suchlike) towards the wall soffit at the height of the ironmongery respectively at the dotted marks (where the frame boards are reinforced) and fasten the frame in the wall opening.

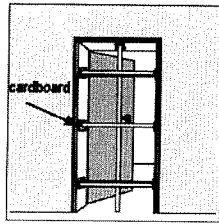
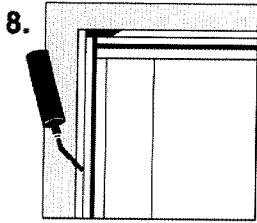


The fitting with screws will be covered by the sealing strip

Firstly the hinge upright has to be fastened. Therefore use dowels Ø 8mm and screws 5 x 80 mm. Hang the door leaf in place and align the striking plate upright with the door leaf and fix it also. Then fasten the sealing strip again and check functioning and even lying of the door leaf up against the seal. Gap between door leaf and rebate of frame all round about 3 mm.

See fitting tip No. 5

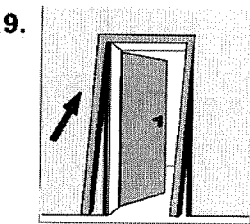
If necessary the fastening has to be corrected.



Then fill up the gap between the wall opening and the frame with PUR foam. Necessary adjustments to the frame fit are to be carried out before foaming. The gap must be completely filled up, upright and transversely at the top of the frame. Use only 2-component-foam. The instructions of the manufacturers of PUR foams in cans are to be observed.

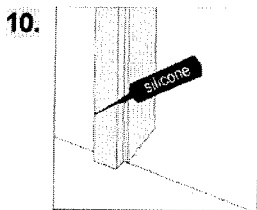
Position struts in the area of the back lining. Use shims to avoid damage to the surface. After a hardening time (see manufacturer's data) remove the struts and check the functioning of the door again.

See also fitting tip No. 7.



Press the architrave in from top to bottom (if required apply glue in groove).

Close drill holes in the frame (hinge pocket) with caps.



During fitting of the frames on flooring which can be cleaned with the use of water, the joint between the frame and the flooring to be protected, on a permanently elastic basis, from the ingress of moisture during fitting. In the case of tiled walls (e.g. in the bathroom, WC or kitchen) also the joints connecting to the wall.

See fitting tip No. 4.

Important:

Only acrylic-based sealing compound or neutrally cross-linking silicone may be used.

11. Assembly of the handle

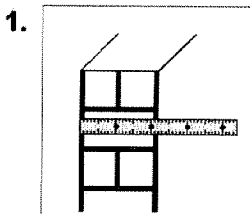
During tightening of the screws of the escutcheons it must be ensured that the lock pocket side is not at the same time drawn together. This is very often the case when battery-driven screwdrivers are used and leads to the impairment of the function of the lock and the latch and can also lead to cracks and damage on the door-leaf surface.

Masking:

If parts of the frame have to be masked to protect them e.g. for painting and similar work, suitable and only slightly sticky adhesive tapes are to be used!

Do not use any very sticky tapes! The plasticisers contained in the adhesive can after a very short time lead to paint detachment or even to tear-outs developing in the surface.

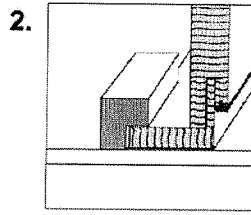
Fitting tips



Dimensional check

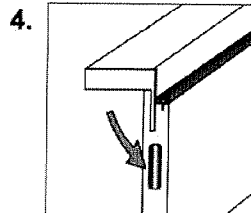
Checking of the structural situation with regard to whether since the measuring of the finished work anything has changed, e.g. wall thickness or floor height as a result of tiles or other floorings.

Please check if the delivered gap between underneath frame-unit and door leaf is correct.



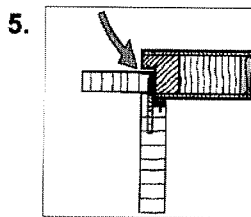
Help with assembly

On a mounting plate screw on some blocks with rebate 1.7 x 1.7, into which an upright frame part can be pushed for assembly.



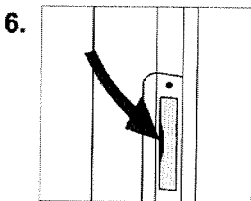
Sealing

Fasten approximately 2 mm thick little spacer plates in the area of the rebate covering at the lower edge of the frame. In that way the frame can be sealed on a permanently elastic basis without any difficulties. In the event of an excessively large air gap at the bottom possibly shorten the frame.



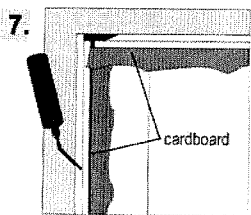
Visual assembly criterion

The frame has been fitted in the optimum manner if the striking plate angle (approx. 9 mm wide) is, when the door is closed, flush with the outer edge of the door leaf (striking plate angle not visible from the door side).



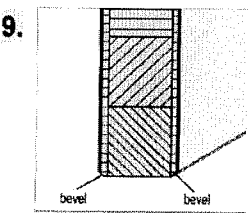
Adjust striking plate

The striking plate is provided with file cams which can, if required, be adjusted by filing.



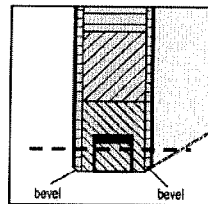
Foaming

As PUR foams show a varying degree of after-foaming, in order to protect the frame surface cardboard (e.g. pieces of the empty frame package) can be inserted in the groove. Possibly also lay out cardboard on the floor.



Shortening of the doors

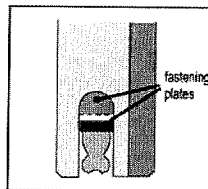
If the doors are shortened by the customer, it must be noted that after cutting-off the bottom edge of the door must be provided with a marked bevel in order to avoid tear-out of the door surfaces.



Doors FD 30 GH / W without drop down threshold are fitted with an intumescent strip.

This strip must not be cut off.

They can be shortened by max. approx 5 mm.



Doors FD 30 GH / W with drop down threshold can be shortened by max. approx. 25 mm.

Remove drop down threshold, cut off the door leaf, route groove deeper suitable for the drop down threshold. Provide the bottom edge of the door with a marked bevel again. Reintegrate drop down threshold and check functioning.