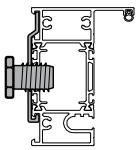


### General information about completion of delivery:

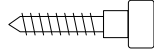
- Doors arrive fully assembled with installed glass from the factory.
- Holes for installation will be pre-drilled and adjufixes attached on the frame.
- Preparation and insulation of openings of the building should be defined before installation works. It is the responsibility of the customer, architect and dealer.
- Important! The parts are not load bearing. External weight must therefore not stress the construction. In the case of very small, or no deflections by the upper structure, a rigid attachment can be used.

### Installation material:



#### 1. Adjufix

The required quantity is already attached to the frame.



#### 2. Screws

For fastening adjufixes to the wall. Not included in delivery.



#### 3. Caps

For covering predrilled holes. Included in delivery.



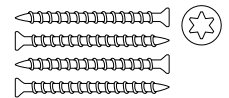
#### 4. Wedges

Use stable, waterproof material, e.g. plastic. Not included in delivery.



#### 5. Joint glue, e.g. "Viscoseal 6958R"

Not included in delivery.



#### 6. Screws for threshold fastening.

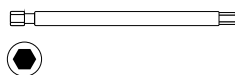
Stainless steel, A2  
M5, 100 mm  
Required quantity included in delivery.

### Installation tools:

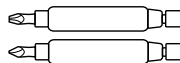
Not included in delivery.



#### 1. Cordless screwdriver



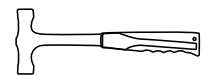
#### 2. Hexagonal screwdriver bit



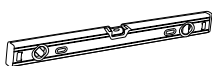
#### 3. Magnetic bits



#### 4. Drills



#### 5. Light hammer



#### 6. Spirit level

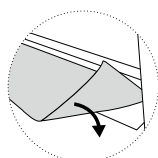
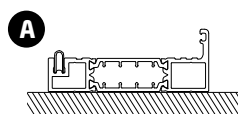
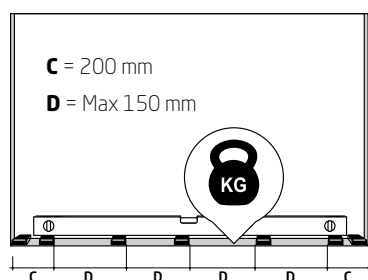


#### 7. String or laser for leveling

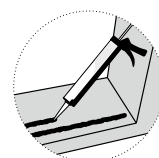
### Step 1

#### Door installation to the opening

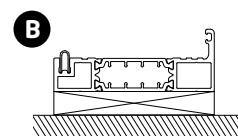
If possible, depending on the situation on site, while fixing the frame, the opened sash can be supported. If there is no support possibility, glass units can be removed in order to reduce the door weight. Follow the glass unit removal instruction.



If the base is of concrete a DPC must be placed under the whole length of the threshold.



Use a hardening mastic in two runs between the threshold and the base over the whole length.



**Step 1.1** Prepare the opening for installation. The entire base under the threshold must be flat and level. The base must be firm/steady and tolerate a heavy weight.

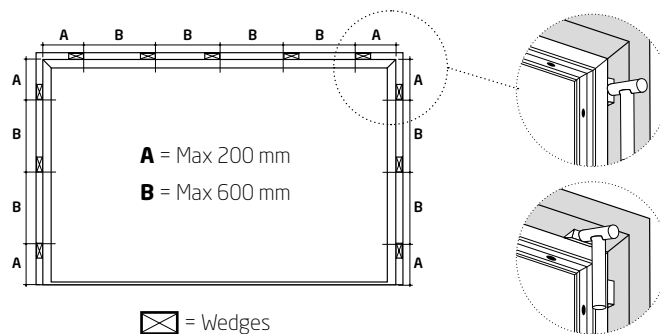
#### Depending on the situation:

- A.** The base under the threshold should be flat, levelled and finished with insulation materials such as PUR/PIR (e.g. Warmotech or CompaCFoam) boards.
- B.** If a load bearing support is chosen then it must be level with bearing pads placed at each fixing point on the threshold. Additional bearing pads must be placed beneath the right and left corners of the threshold.

#### Step 1.2 Fix the frame with wedges into the wall opening.

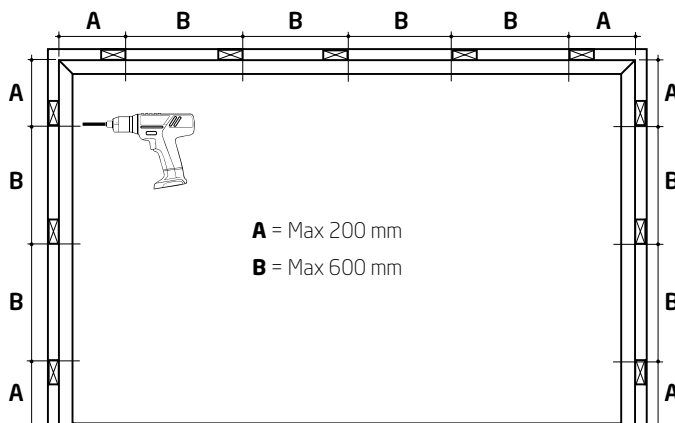
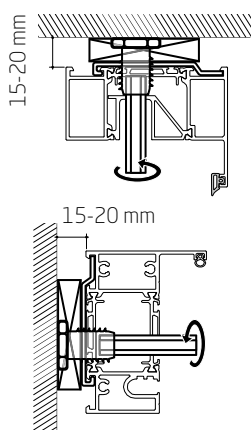
Wedges must be positioned next to each fixing point on the frame.

**NB!** For the gap between the frame and the wall it is recommended to leave: 15-20 mm.



**Step 1.3** Fix the frame with adjufix sleeves into the opening. Open the sash and support it while fixing the frame to the opening with the help of the hexagonal screwdriver bit.

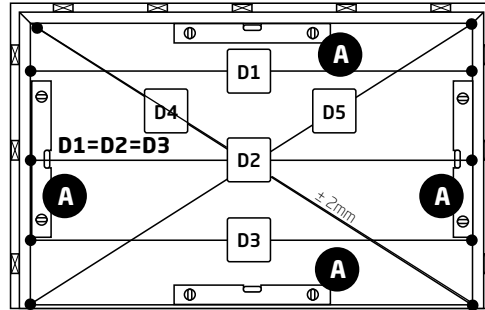
**Attention!** Always use wedges or setting blocks between door frame and wall regardless of the chosen installation alternative.



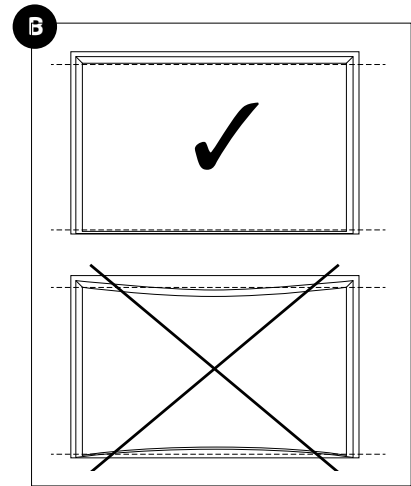
**Step 1.4** Ensure horizontal and vertical levelling of the frame.

**A:** Level out using a spirit level.

**B:** In the case of wide frame profiles, the top and bottom frame levelling can be checked by using a laser or string. Straighten the string from one side to other to see if the whole profile is level.

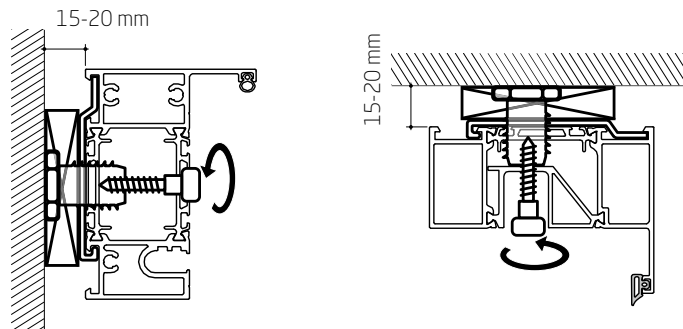
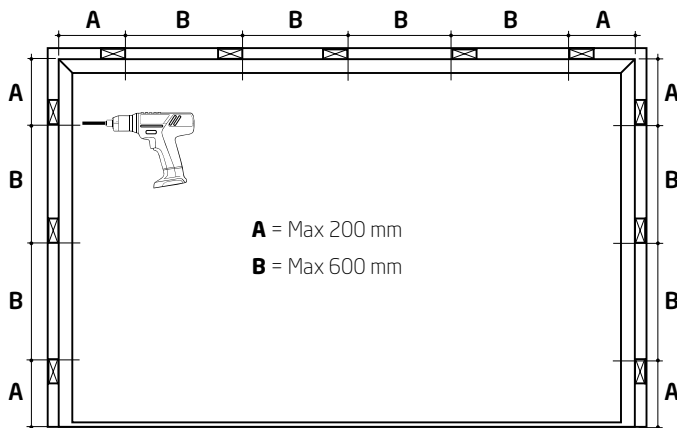


**D** = Distance  
**D4 = D5 ( ± 2 mm)**



## Step 2

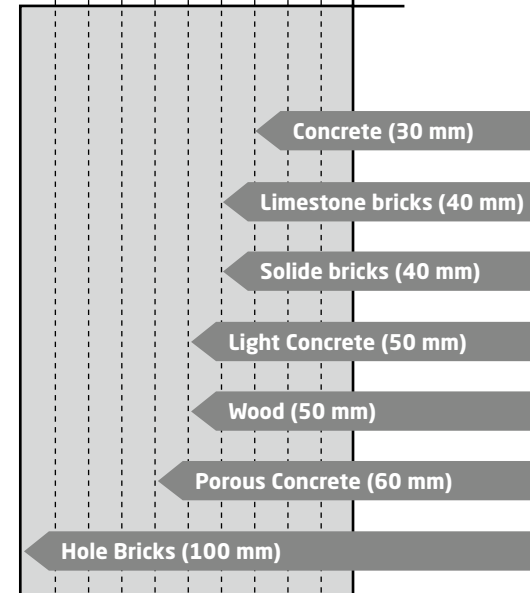
### Fasten the door



**Step 2.1** Screw bolts through the adjufix sleeves on the frame. The recommended distance and depth of drilling according to the type of the wall is shown in the scheme to the right. Cover the pre-drilled holes with caps for finishing.

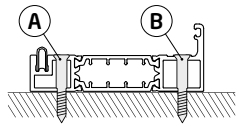
Depth of drilling according material:

100|90|80|70|60|50|40|30| mm

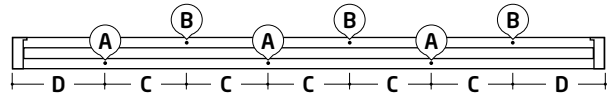


It is not recommended to fasten doors into a wooden carcass due to the high risk of wood deformation due to environmental impact (cold/heat)

**Step 2.2** Fasten the threshold. Screw bolts through the pre-drilled holes on the threshold. Seal the screws with joint glue, e.g. "Viscoseal 6958R".



**C** = 300 mm  
**D** = 200 mm



**Step 2.3** Ensure horizontal and vertical levelling of the frame. Follow STEP 1.4 instructions.

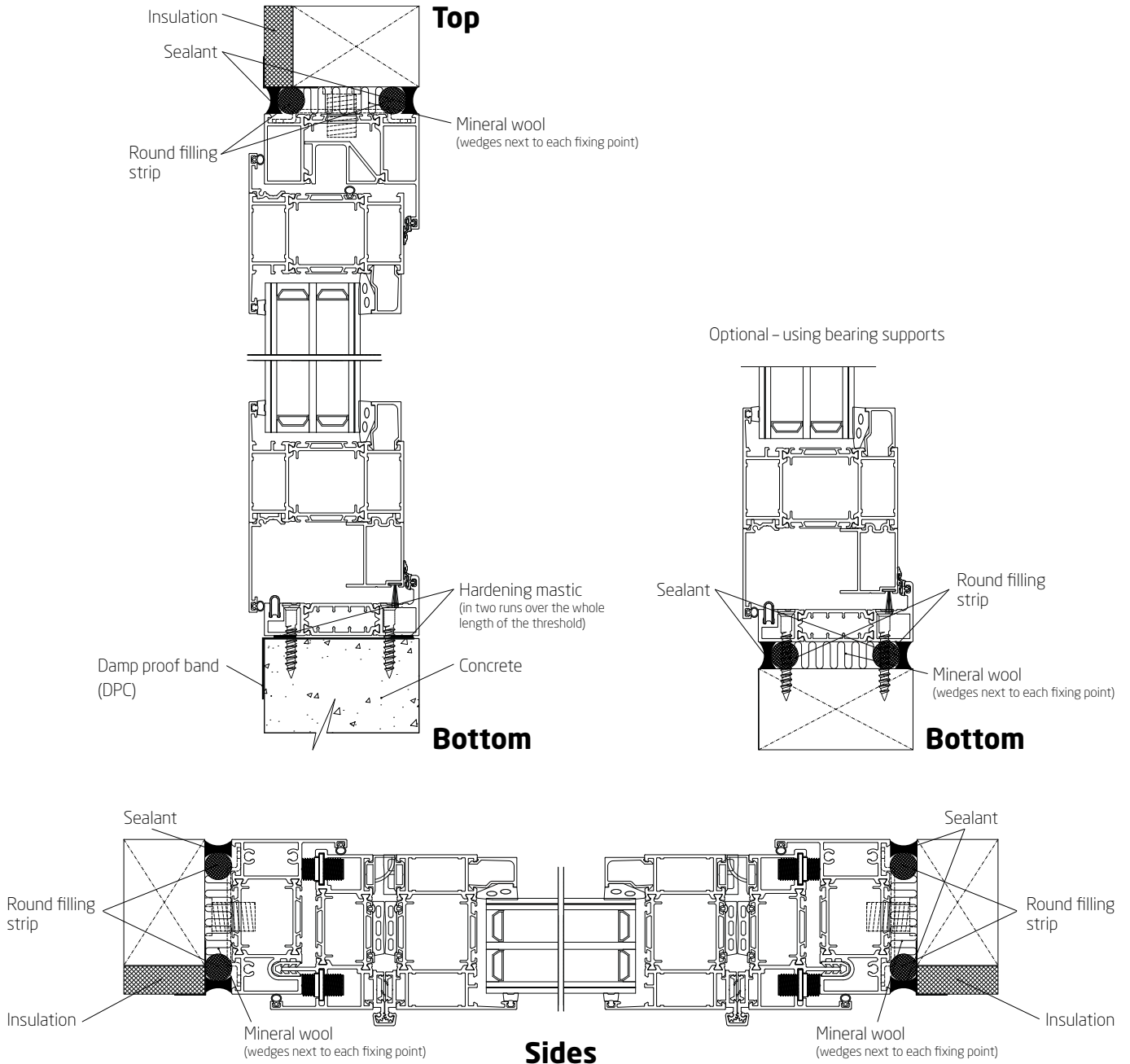
**Step 2.4** Install the glass units back to the frame if it was removed before installation. Follow the glass installation instruction.

**Step 2.5** Check the functionality. If adjustment is needed, follow the adjustment manual. Correct adjustment can be achieved with glass units or/and sides of the frame. **NB!** Adjustment after installation works is the responsibility of the installers.

**Step 2.6** Seal the gap between the frame and the wall.

**NB!** All the bearing pads and wedges should be left in place!

## HelAlu folding door sealing recommendations



- Principle of the sealing can vary depending on the type of the wall, where construction is installed in.
- Product should not protrude outside the insulation zone of the wall.
- Water run-off, wind/draught proofing between frame and wall must be carried out in accordance with byggforsk Norway details.