

### General information about completion of delivery:

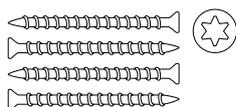
- Windows arrive fully assembled with installed glass from the factory.
- Required quantity of mounting brackets (art. nr. 12001) are packed separately in a box together with screws for fastening to the frame (art. nr. 12165). Screws for brackets fastening to the wall are not included.
- Preparation and insulation of openings of the building should be defined before installation works. It is responsibility of the customer, architect and dealer.

### Installation material:



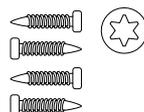
#### 1. Brackets (12001)

Required quantity included in delivery



#### 2. Screws

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



#### 3. Screws (12165)

For fastening brackets. Required quantity included in delivery.



#### 4. Wedges

Not included in delivery.



#### 5. Bearing pads

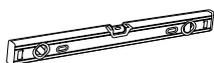
Use stable, waterproof material, eg plastic. Not included in delivery.

### Installation tools:

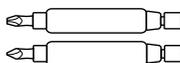
Not included in delivery.



#### 1. Cordless screwdriver



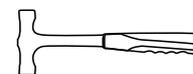
#### 2. Spirit level



#### 3. Magnetic bits



#### 4. Drill

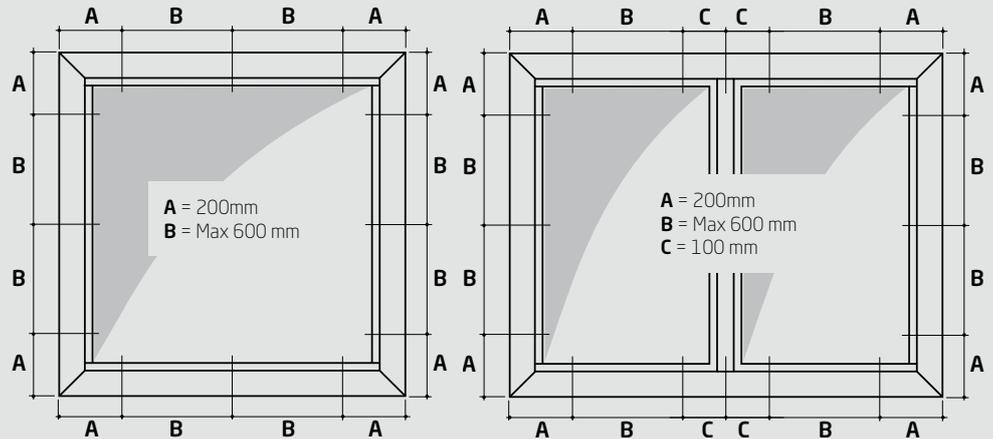


#### 5. Light hammer

## Window preparation

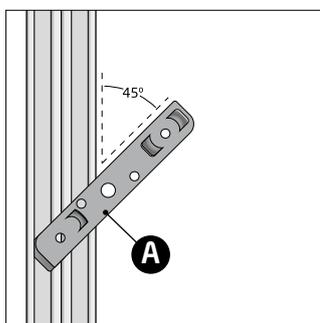
Fix all required brackets to the frame according to the instructions below:

- Only two fixing points on the Left/Right sides for height under 1300 mm. (A = 200 mm)
- A = 100 mm for window height under 800mm (Applies only to the Left/Right sides)
- No fixing points at the top and bottom if width is under 1000 mm

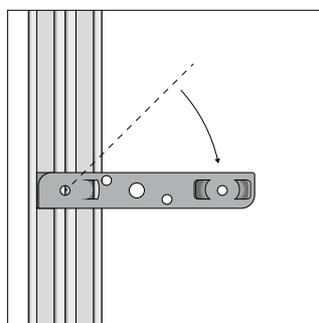


## Step 1. Bracket mounting steps

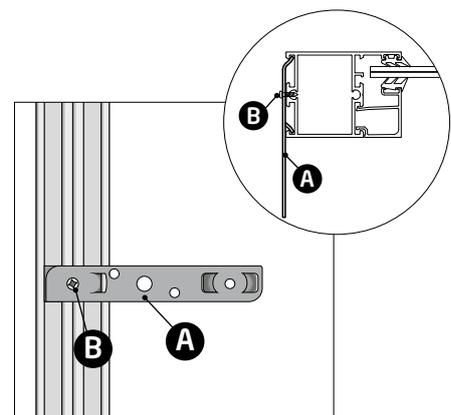
Fasten mounting brackets (12001) to the frame by screws 12165.



**Step 1.1** Bracket (A) should be fitted in 45 degree of the profile. Bracket "knobs" should be fitted in the grooves.

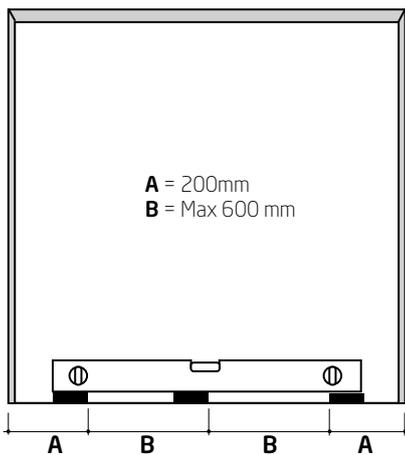


**Step 1.2** Turn the bracket to 90 degrees.

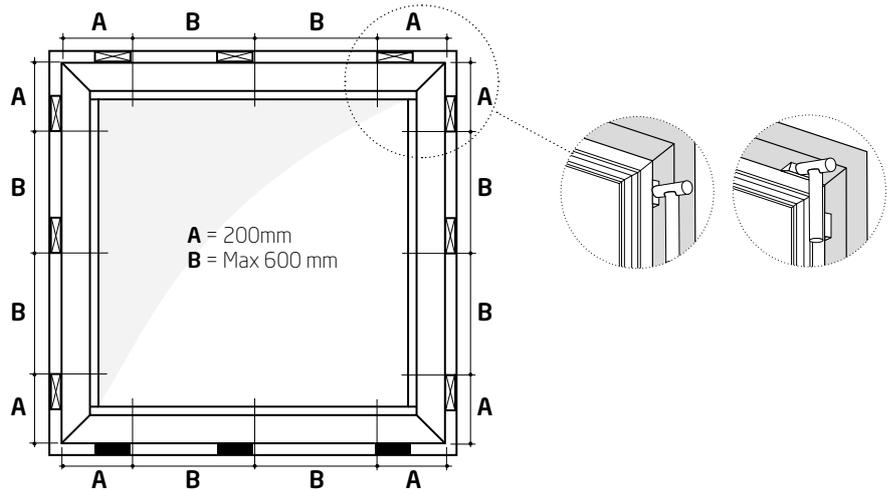


**Step 1.3** The bracket should be fastened to the frame with screw (12165) (B). One pc./bracket.

### Step 2. Window installation to the opening



**Step 2.1** Place bearing pads at the bottom of the opening next to each fixing point on the window (A) and (B). If window width is less than 1000 mm, bearing pads are only needed in position (A). Ensure they are level.

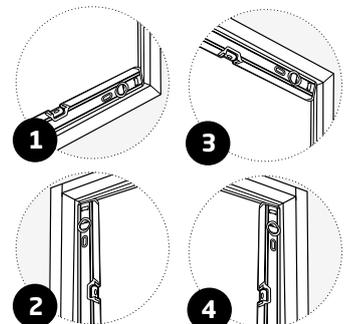
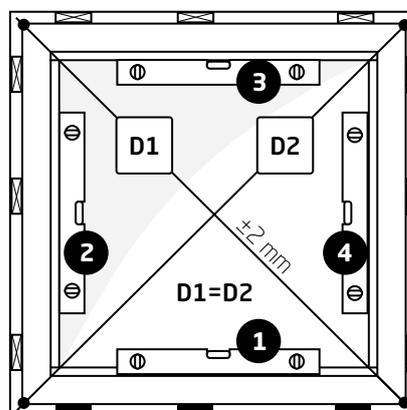


**Step 2.2** Fix the frame with wedges into the wall opening. Wedges must be positioned next to each fixing point on the window, beneath the frame.

 = Wedges  
 = Bearing pads

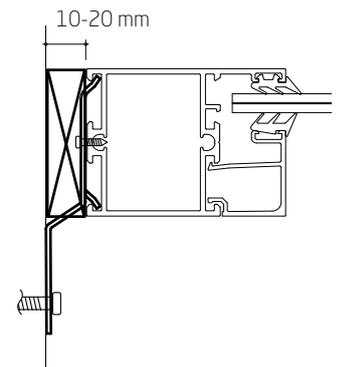
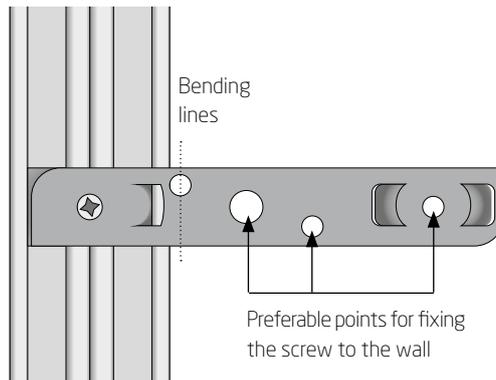
**NB!** The gap between the frame and the wall is recommended to leave: 10-20 mm

**Step 2.3** Ensure the window is level.

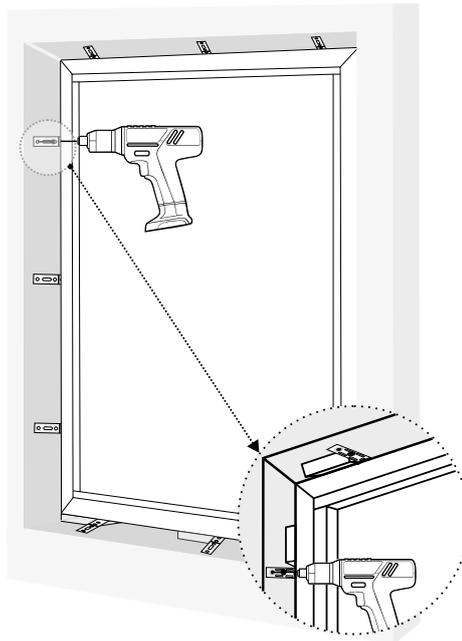


### Step 3. Fastend the window to the wall

**Step 3.1** Bend all the brackets in an required angle to fit the distance to the wall.

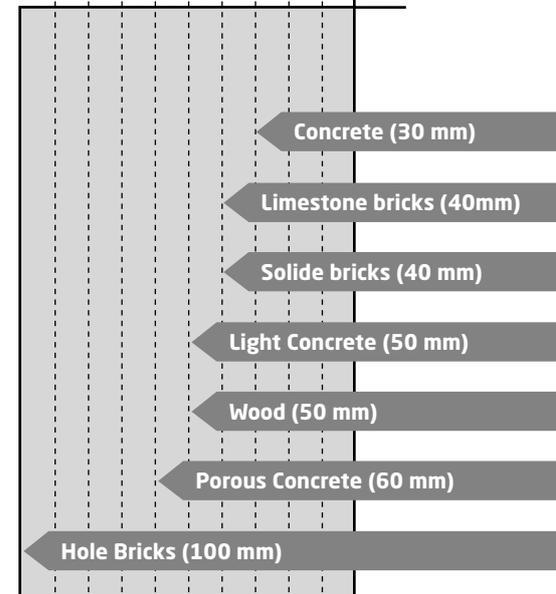


**Step 3.2** Fasten the window with the screws to the wall.



Depth of drilling according material:

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



**Step 3.3** Ensure horizontal and vertical levelling of the frame (according to Step 2.3).

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

**NB!** Combination windows  
In case of combination window with an opening part, check functionality of sash. Adjust if needed.

It is not recommended to fasten aluminium doors/windows into wooden carcass due to the high risk of wood deformation due to environmental impact (Cold/Heat)