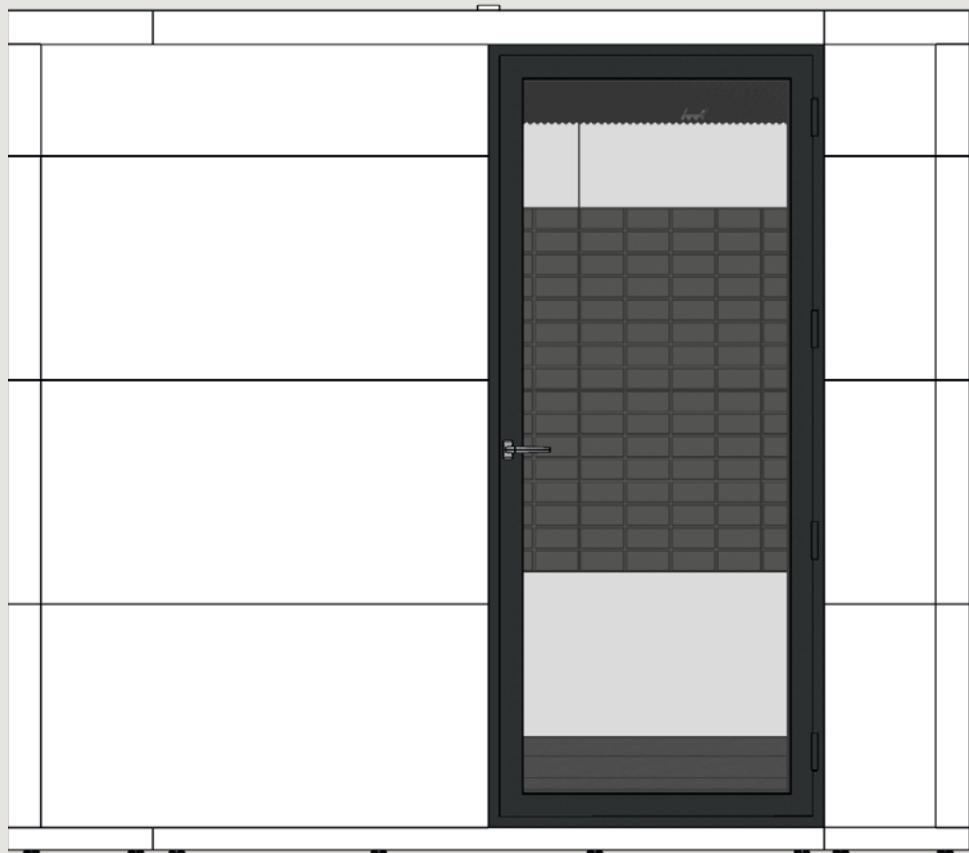


Double wall custom size booths

Assembling guide

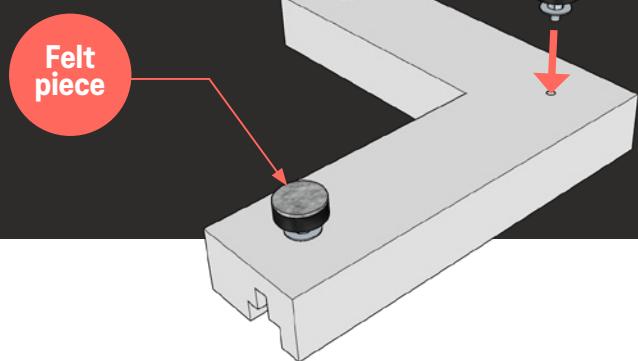


Last update | May 2021

For safe usage please observe the following



Stack a felt piece in each silentblock to prevent them from staining and denting the floor over time.



⚠️ The carrier must unload the cabin on a flat floor, never inclined such as an access ramp to a garage, for example, the box could tip over and injure people.

⚠️ It is suggested to have at least 3 people for the assembling of this model as pieces are very heavy.

⚠️ Caution in opening the box on the incorrect side as parts may fall out.

⚠️ Make sure there are no children or pets nearby during the unpacking of the cabin.

⚠️ During unpacking, remove the highest parts and those on top of others, first. Alternate parts on one side and another to ensure the stability of the packaging. Any heavy part that moves during unboxing can cause the entire package to overturn.

⚠️ Please follow the steps of this model carefully.

⚠️ It is very important to level the floor well before beginning the assembly. A poorly leveled cabin can jeopardize the stability of the assembly and makes it challenging to fit the pieces correctly.

⚠️ Make sure to adjust the feet of the booth well so it keeps stable during the assembly.

⚠️ All bricks are referenced therefore should be placed in a certain order during assembly.

⚠️ We recommend that you use a manual screwdriver to avoid scratches.

⚠️ Be very careful not to open the door while the cabin is unfinished. If there is no other option than to open the door during assembling because you install the cabin between walls, open it very carefully and balance the weight.

⚠️ **IMPORTANT!** Please note that no part of the cabin should touch the building except for the feet. Leave at least 5cm space between the cabin and the wall to avoid vibrations and assure proper sound isolation properties

⚠️ Installation, connection and commissioning must be done by a qualified professional (according to IEC60050; IEV195-04-01) with professional electrotechnical skills. Inappropriate installation can lead to danger to life and danger to the life of the users of the installation.

⚠️ With improper installation you risk heavy material damage e.g. through fire. In case of a non properly done installation, Studibricks can't be held liable in case of damage of persons and material assets. Volt-free dismounting.

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Before the assembly



1. Starting

1.1 Delivery

Your Studibricks booth will arrive in a box.

NOTE! If you detect any damages on the box during delivery please record these damages on the shipping documents.

In case of damage a claim for reimbursement can be done by the insurance company. Delivery company will not be responsible for the removal of the empty box and must be disposed by the receiver.

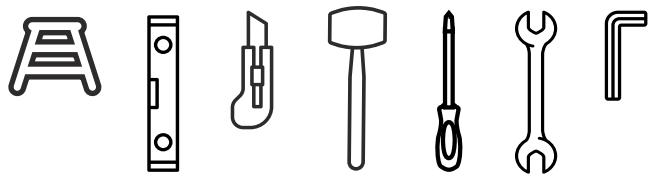
1.2 Unpacking

Open the box by unscrewing the lid on the marked side labeled “open this side”.

⚠ Caution in opening the box on the incorrect side as parts may fall out.

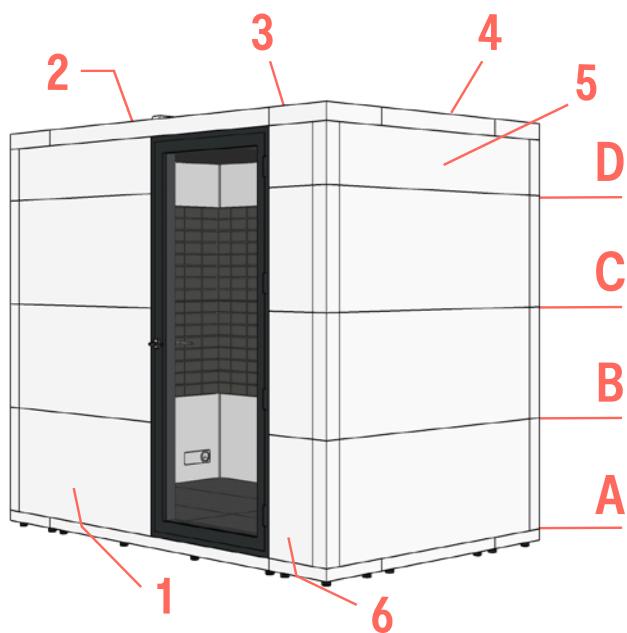
After taking all the pieces out please inspect carefully that everything has arrived in good shape and that all pieces are complete.

Before the assembly



1.3 Tools

To build this booth you will need the following tools: a rubber mallet, snap blade utility knife, a screwdriver, a spirit level and a stepladder. Studiobricks supplies you with a wrench and an 6 mm hex key

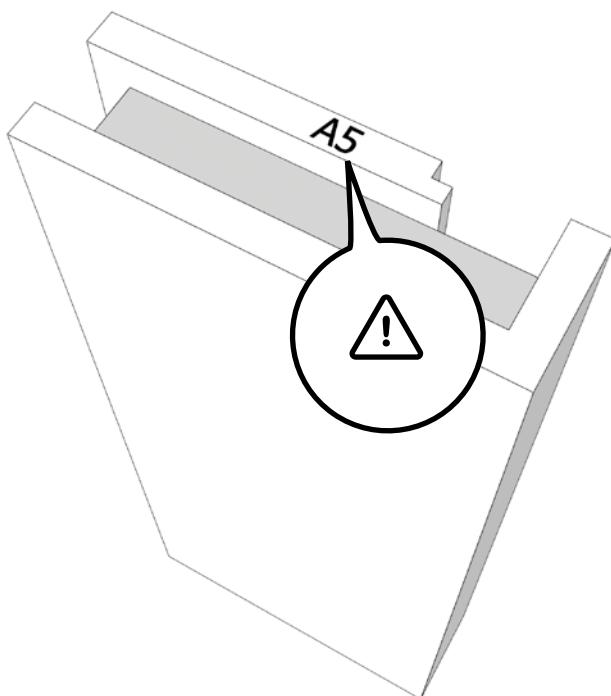


1.4 Organization

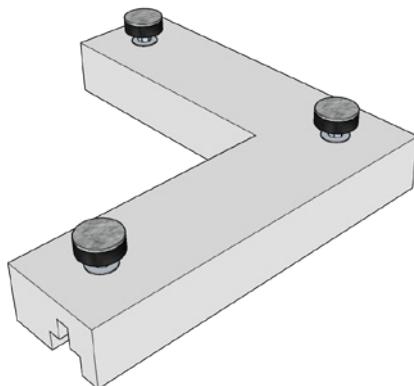
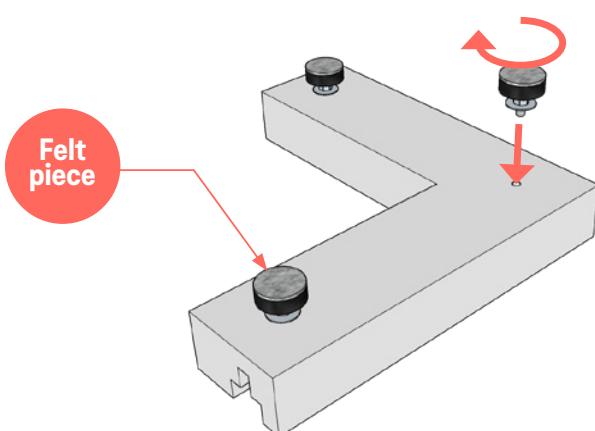
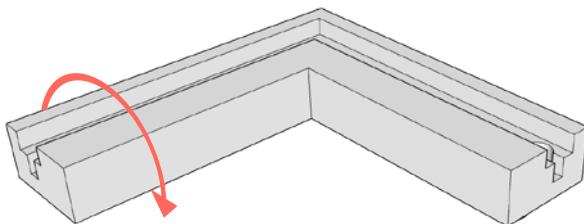
Please keep in hand all tools that will be needed during the assembly. The order of assembly will be the following:

- 1) Platform setup
- 2) Assembly of level A
- 3) Assembly of level B
- 4) Roof assembly
- 5) Finishing

Please note that each brick is labeled with a specific letter and a number. The letters show in what level the brick is meant to be at. The numbers is the position in respect to the door. The first brick from the left side of the door is number 1.



Assembly



2. Assembly

2.1 Floor setup

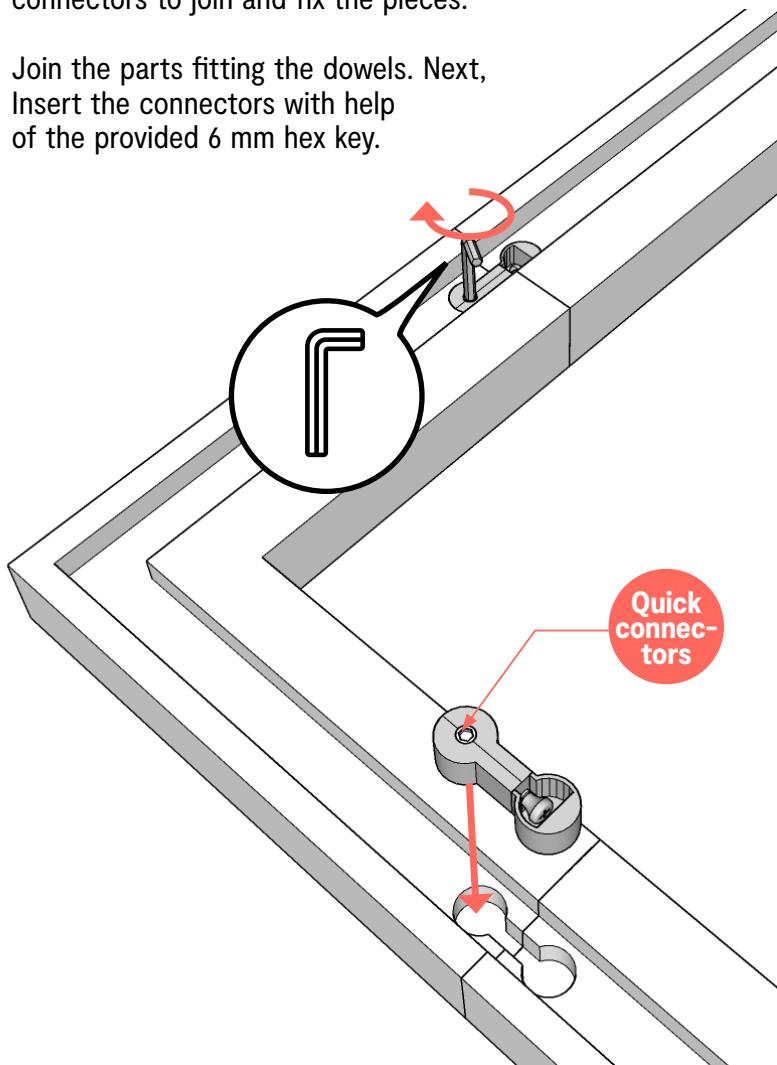
Floor ring:

The Studiobricks Double Wall booths are equipped with **silentblocks** for optimal acoustics in the bottom of the **floor ring** pieces.

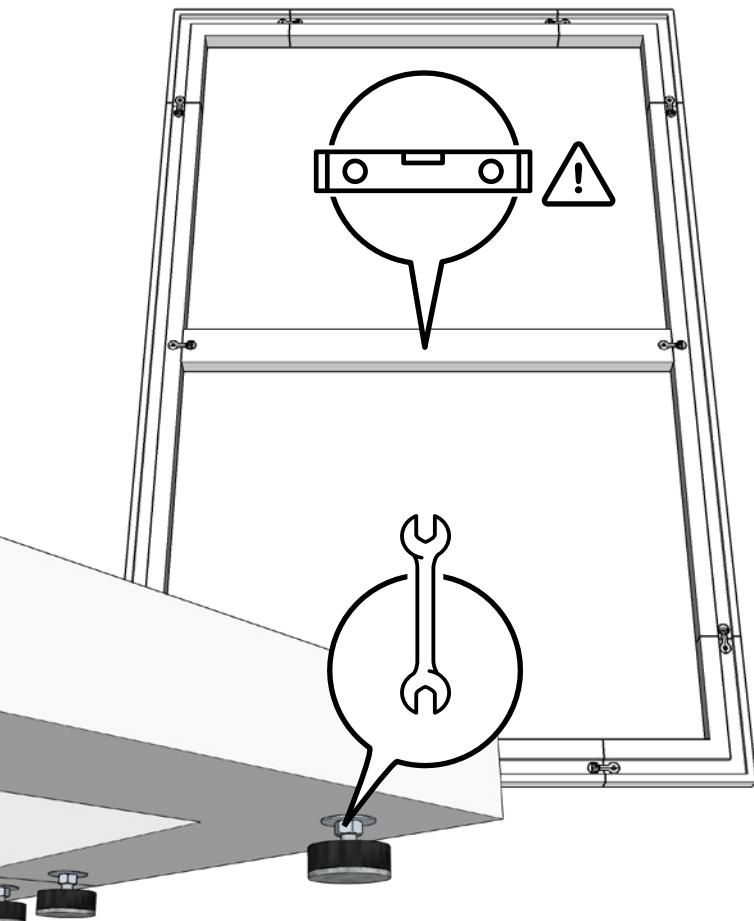
⚠️ Stack a felt piece in each silentblock to prevent them from staining and denting the floor over time.

First, put them into the holes underneath the floor ring corners and beams. Once we have screwed the silent blocks to the different parts it is time to assemble the floor ring. We use dowels and quick connectors to join and fix the pieces.

Join the parts fitting the dowels. Next, Insert the connectors with help of the provided 6 mm hex key.



Assembly



⚠ The roof ring pieces are also marked "roof" or "floor". Make sure you mount the correct ones.

⚠ Once the frame is build, it is imperative to level it perfectly.

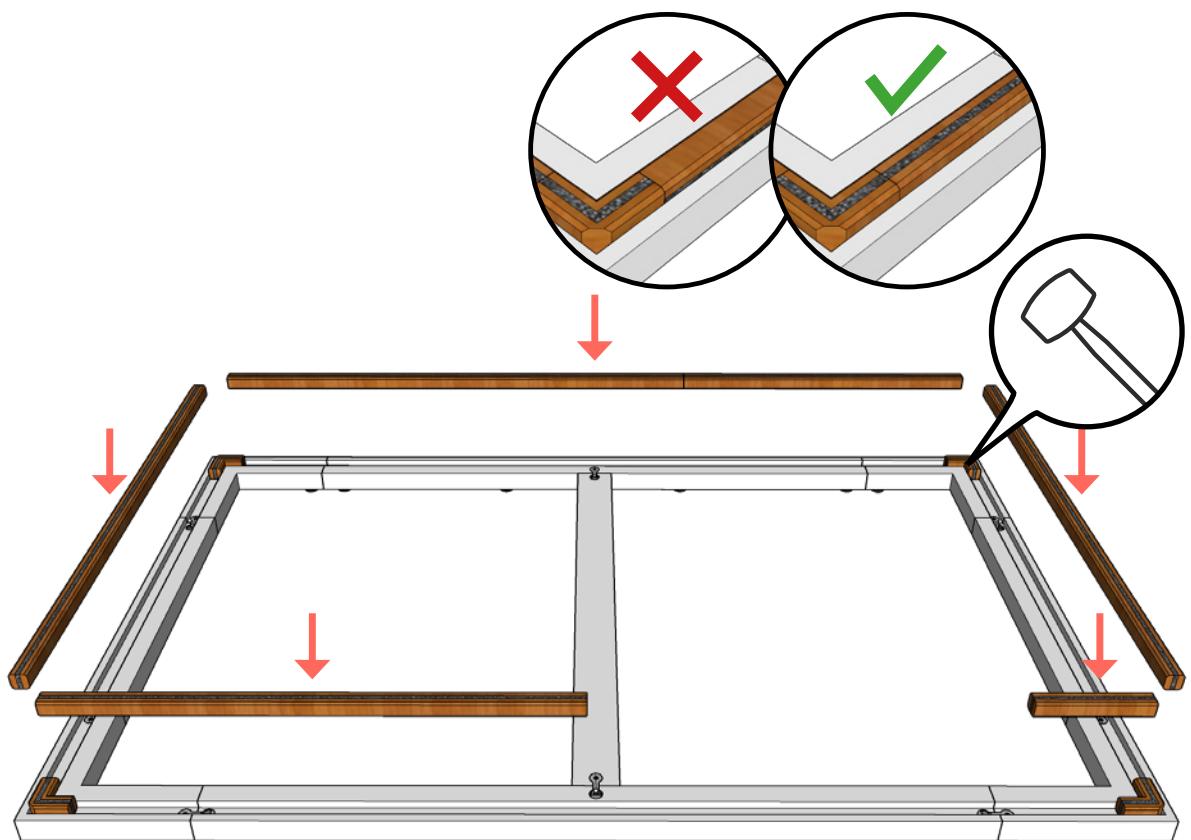
Use a spirit level and the provided wrench to adjust the silentblocks. Make the necessary corrections until the entire ring is level. Make sure, too, that all the silentblocks touch the ground.

Repeat the operation as many times as necessary because any slight unevenness now can cause the pieces to not fit properly later.

Horizontal battens:

Now it is time to place the battens in the ring grooves. All are marked to make it easier for you. It is very important to place them in the correct direction. There is no batten in the gap of the door as the door already has its own rules attached to its structure.

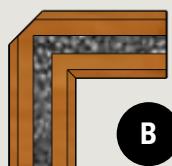
⚠ Adjust securely with a rubber mallet.



Assembly

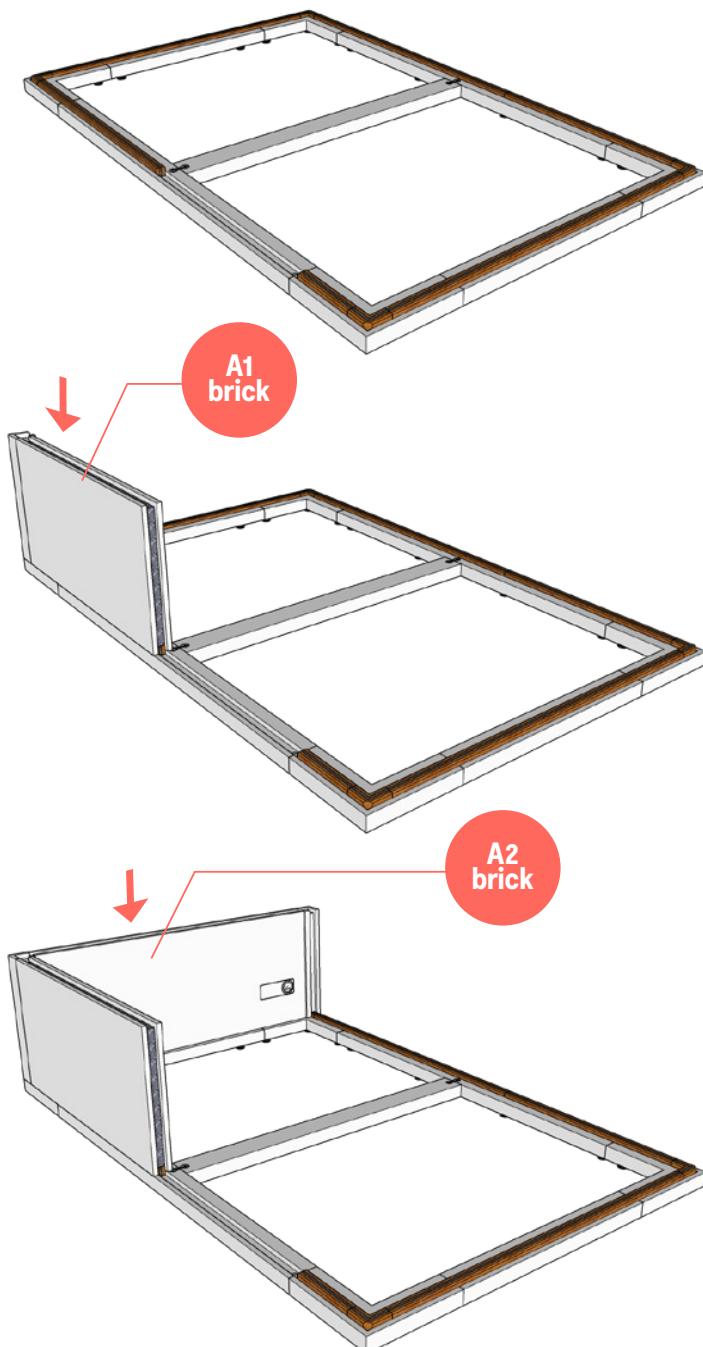
**A**

*The roof battens are different. You will see that they are labeled so that you cannot confuse them.

**B**

The horizontal battens (A) can vary up to a length of 206cm. For a wall composed of a 90cm brick and a 150cm brick, for example, we use a 150cm batten and a 90cm batten placed upside down, thus improving the stability of the set. We will do the same with the next level but in reverse.

The corner battens (B) are always the same size (8.7x8.7cm).



2.2 Building the structure

⚠ You will now go on slotting all the panels in numerical order and clockwise. But, if the booth is very close to a wall of the room where it is installed and it is impossible to access it from the outside, we recommend start building that wall.

⚠ We advise to tilt the piece a bit before placing it in place. Use this little trick to fit the following bricks for level A.

⚠ Don't be afraid of putting a lot of pressure in order to insert it correctly.

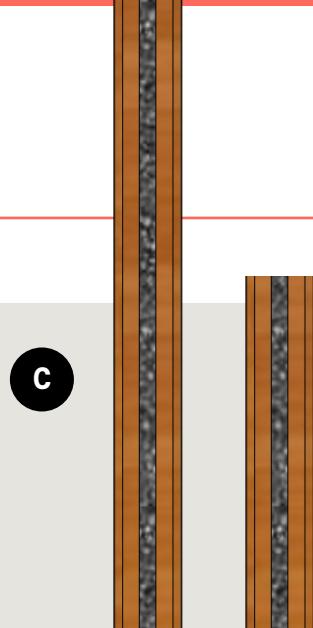
A1 brick:

Start with the **A1** brick. Place it on the left side of the entrance door as indicated by the image. You can now start building the walls.

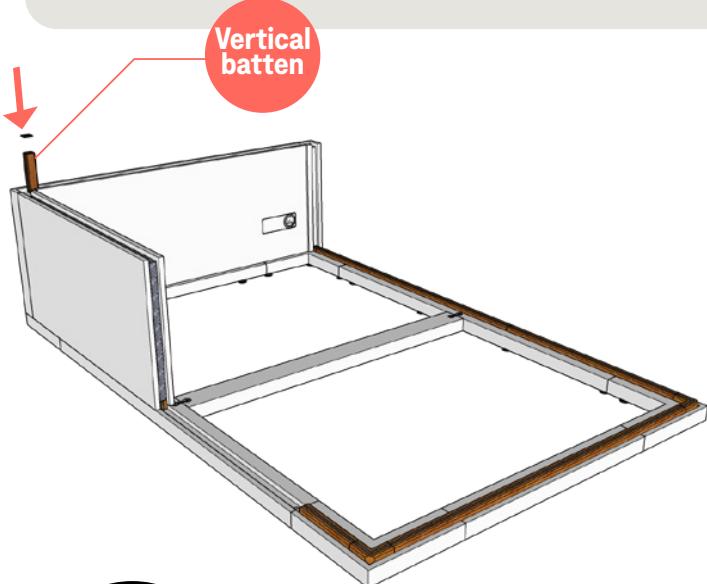
A2 brick:

Place brick **A2** as seen in the image to the left, fitting it with the A1 brick.

Assembly



*The roof battens are different. You will see that they are labeled so that you cannot confuse them.



There are 2 sizes for **vertical battens (C)**:

- 56cm in levels A, B, C
- 26cm in level D (for 210cm height booths)

Vertical battens join two panels on the same level. Make sure you place them in the correct orientation. Always use the rubber pad on the end before starting the upper level.

Vertical batten (56cm):

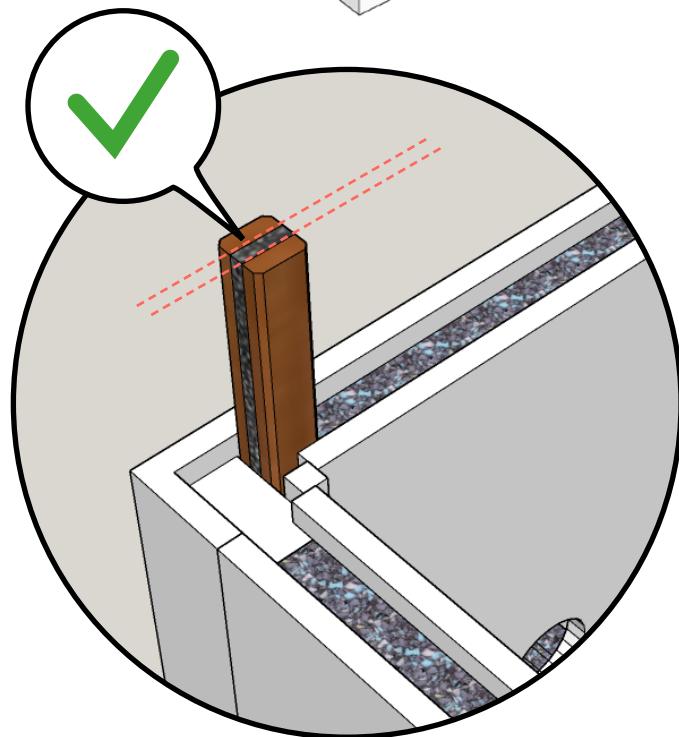
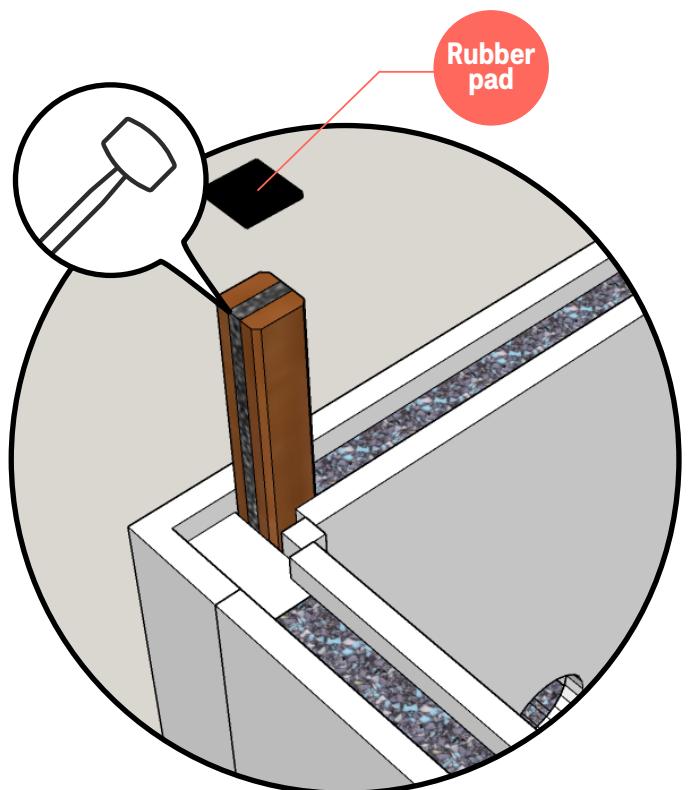
⚠ The battens should be inserted with the middle line pointing in the same direction as the wall.

Place the vertical batten joining the two bricks, as shown in the image below. Make sure you place it in the correct orientation.

⚠ Adjust securely with a rubber mallet.

Self-adhesive rubber pieces:

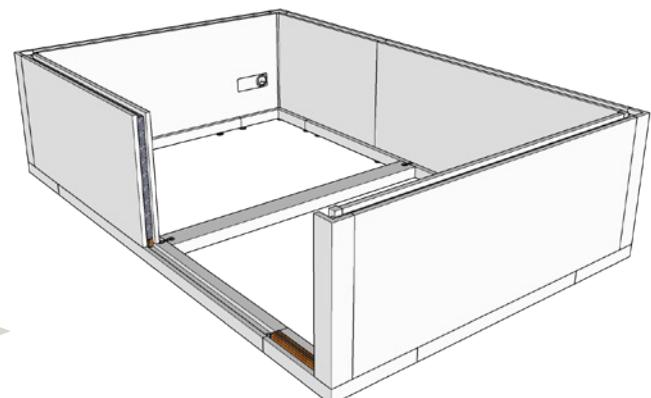
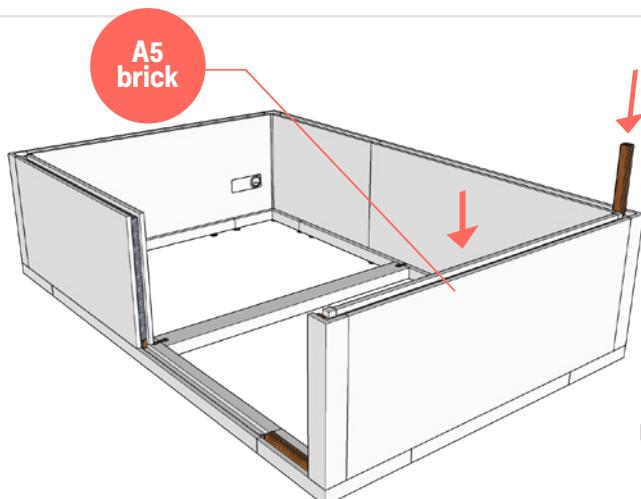
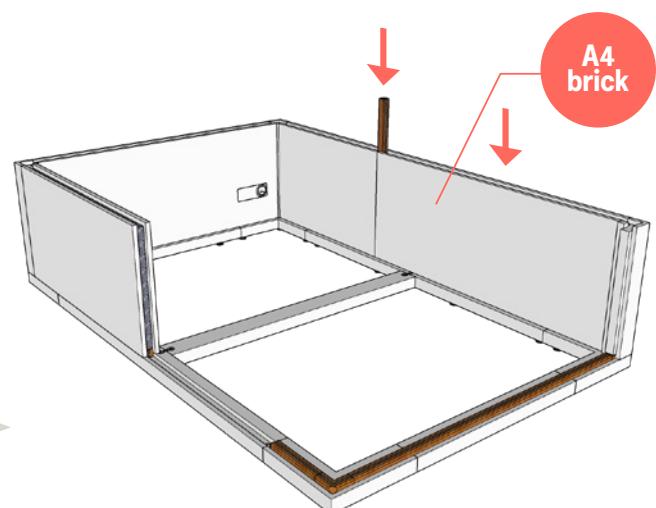
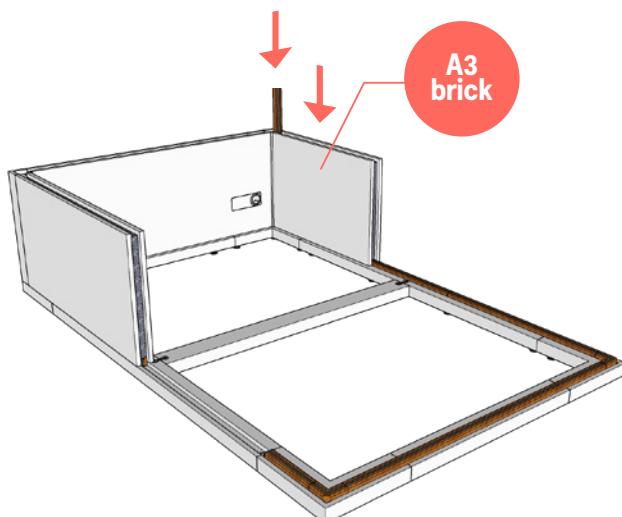
Remove the paper that protects the adhesive from 2 pieces of rubber. Then, place the **self-adhesive rubber pieces** covering the visible part of the batten.



Assembly

Finishing Level A:

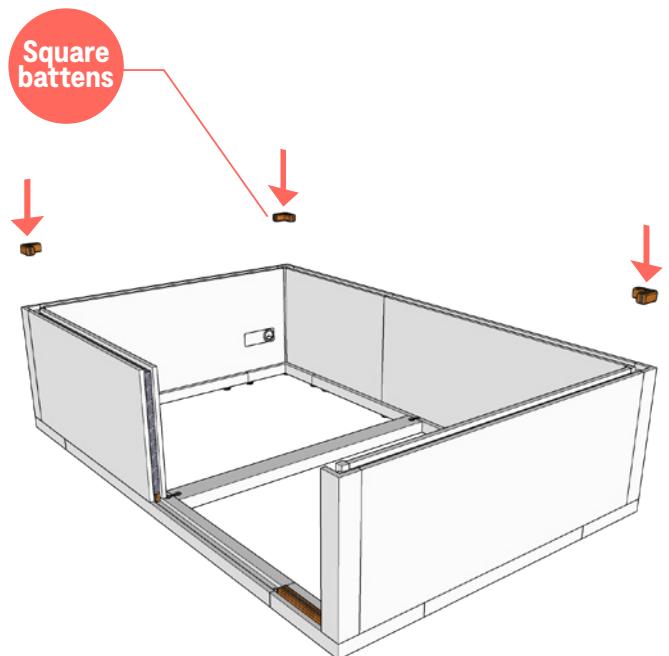
From now on we will continue to assemble the level A bricks in the same way as the first two. Every time we have about 2 bricks, we will place the strip in a vertical position and the rubber pad so as not to forget about any joints.



We will not put the one on the side of the door so as not to hinder the assembly of the door.

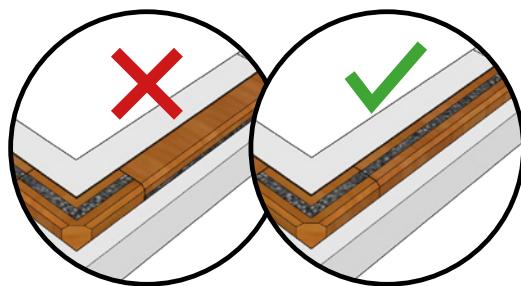
⚠ Don't forget to place the self-adhesive rubber pieces covering the visible part of the batten.

Assembly

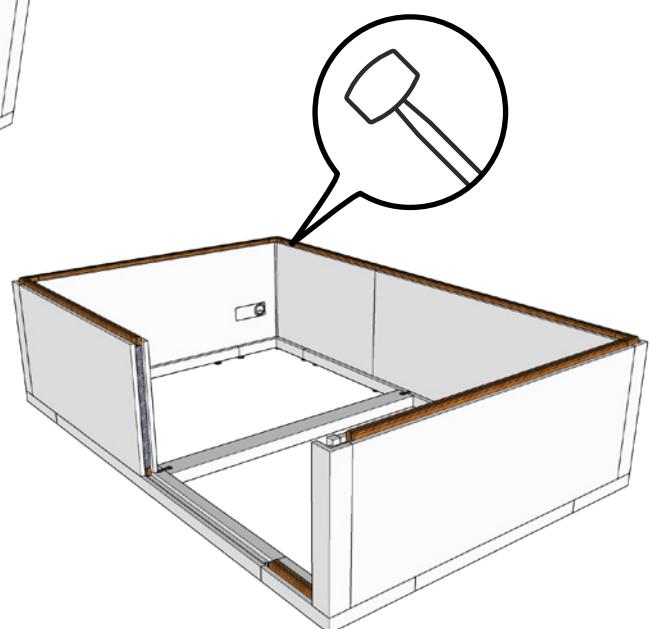
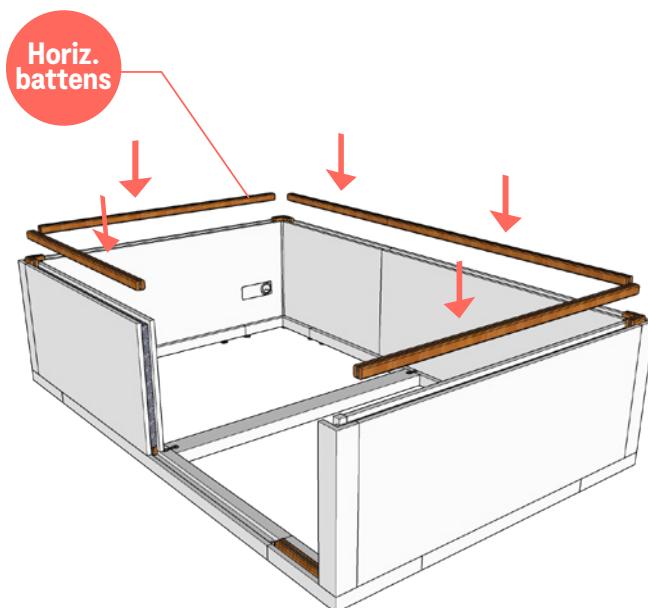


Horizontal battens:

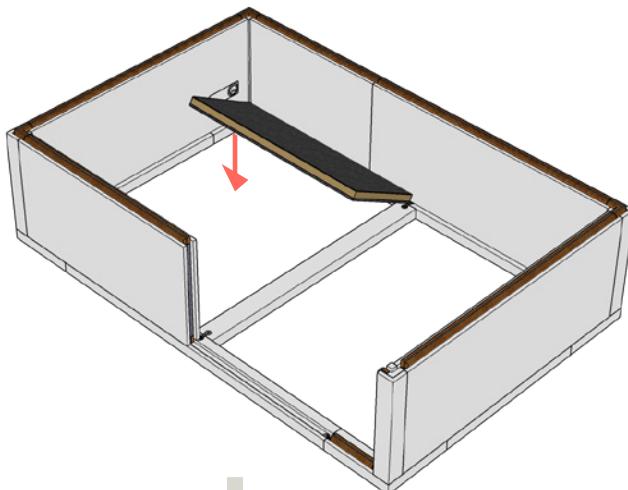
Now it is time to place the battens in the ring grooves. All are marked to make it easier for you. It is very important to place them in the correct direction.



⚠ Adjust securely with a rubber mallet.



Assembly



Floor carpet panel:

Like the wall bricks, the **floor carpet panels** are made of sound isolating materials to prevent sound from scaping downwards.

The carpeted panels rest on the floor ring and the beam (or beams if there is more than one).

Always start by placing the bricks in the corners and end with the central one. Fit the brick to the corner.

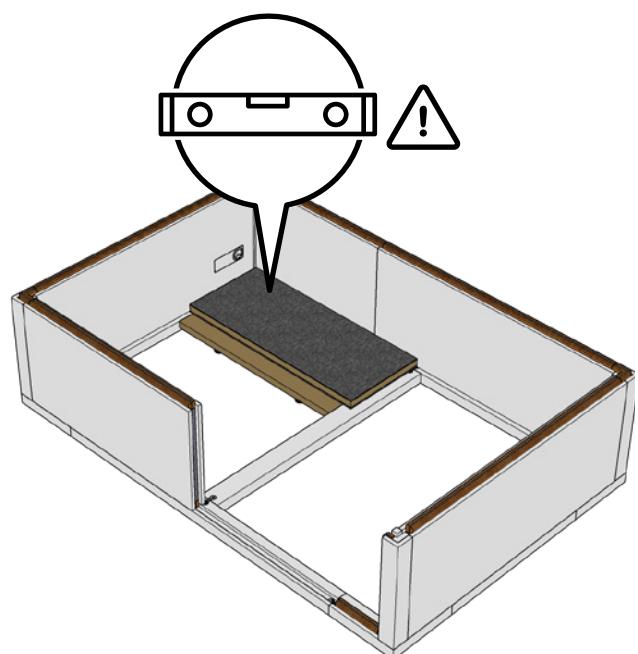
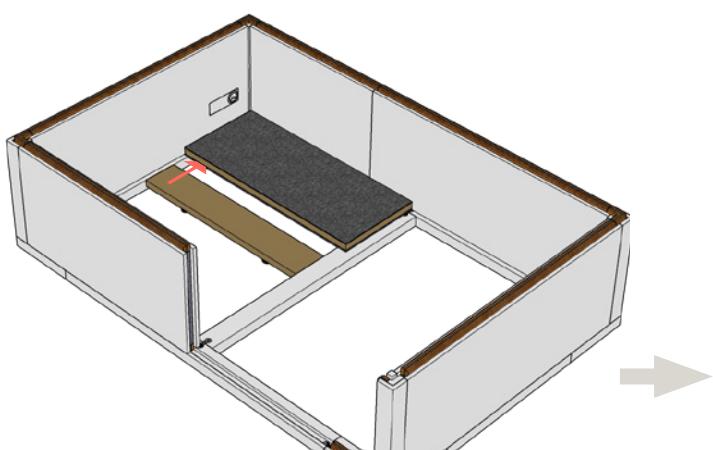
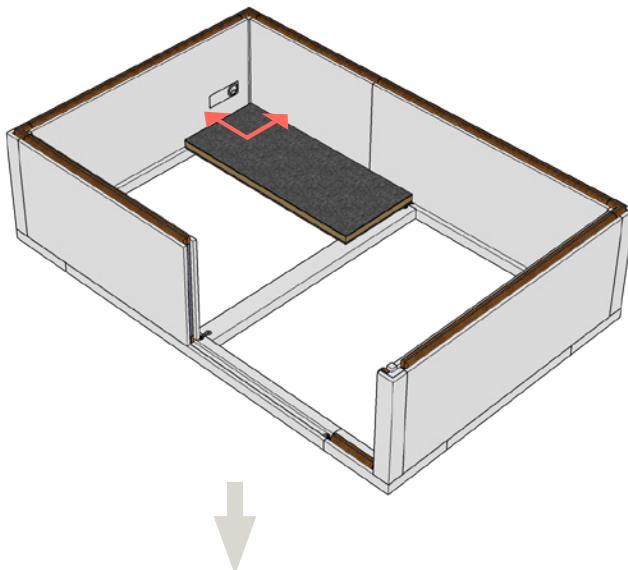
⚠ Be careful not to catch your fingers when putting the part on the ground.

⚠ Level the booth again.

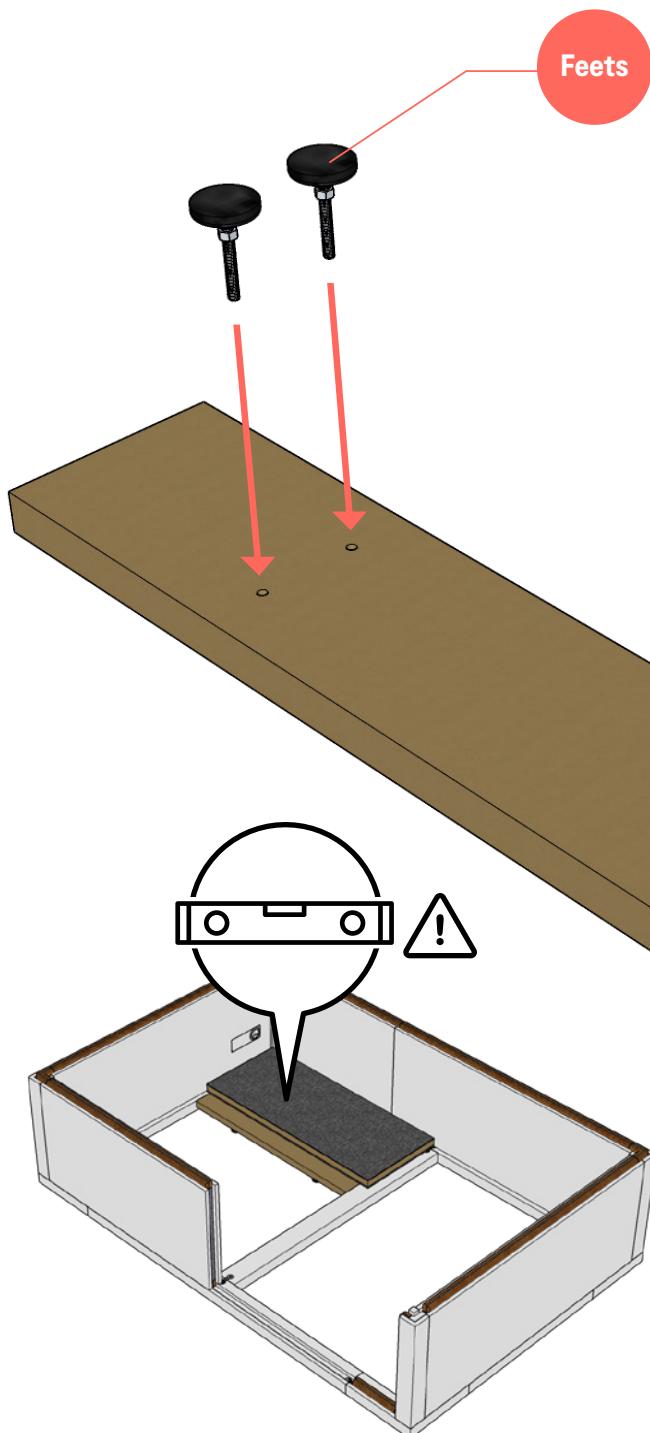
The flexural reinforcements prevent, as their name suggests, the floors from flexing to prevent the creaking of the wood.

There is a flexural reinforcement every two bricks of floor so that the number of reinforcements will be determined by the size of the cabin, the number of beams, and the number of pieces of floor.

On the next page, we show you how to prepare them.

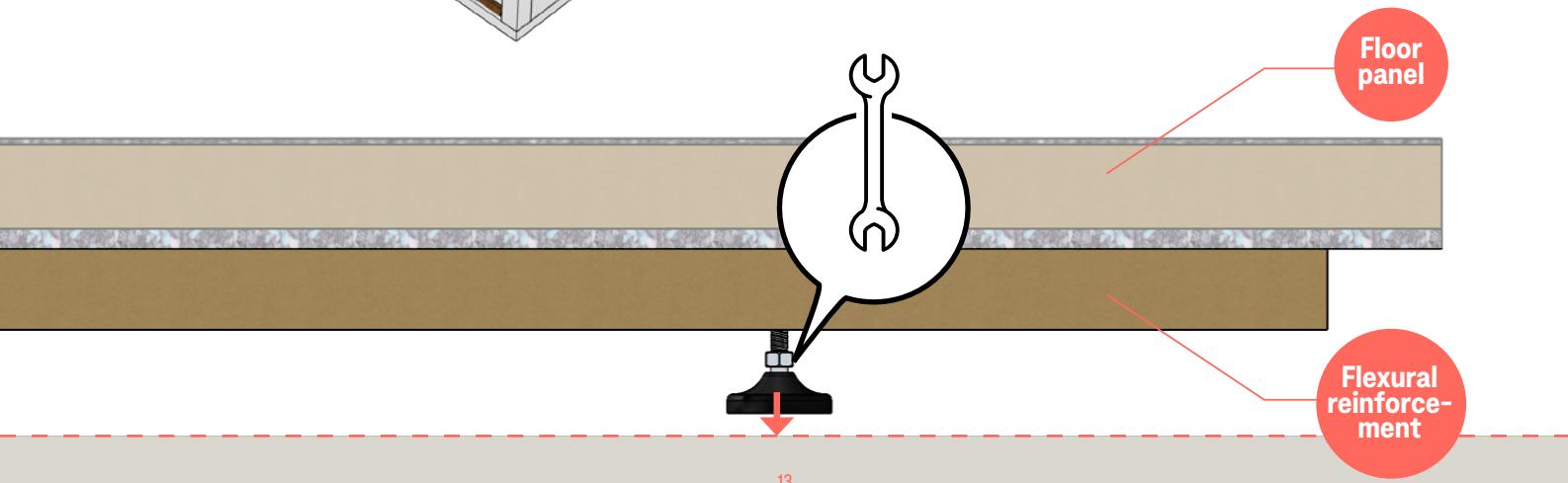
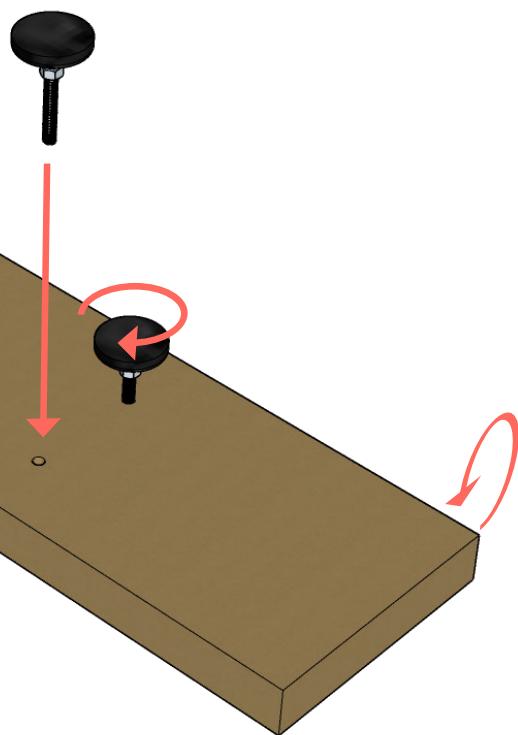


Assembly

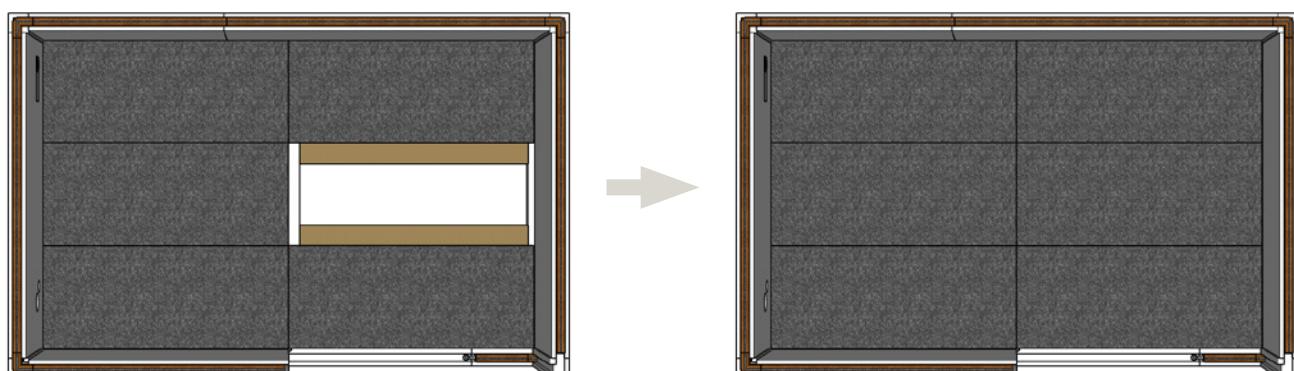
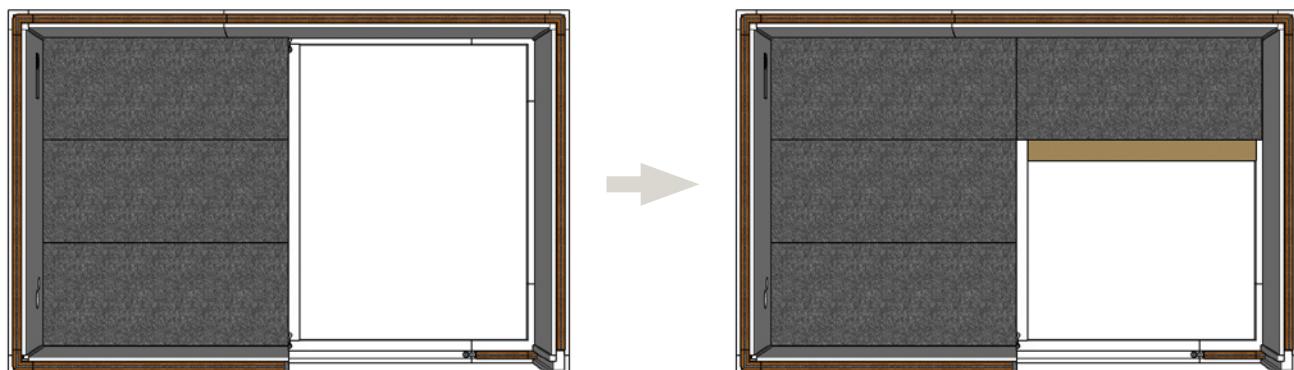
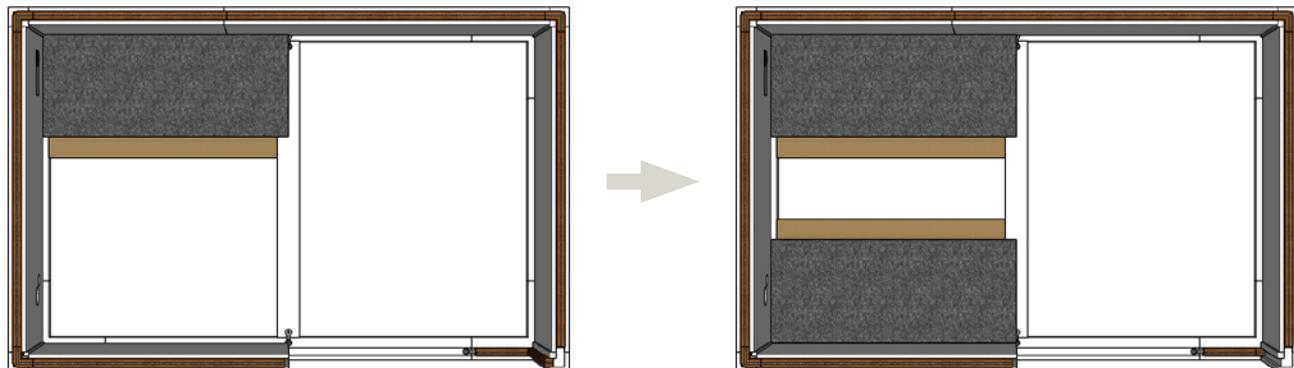


The **flexural reinforcements** follow the orientation of the bricks longitudinally. They are always 20 cm wide (10 cm below each brick) and they are as long as floors.

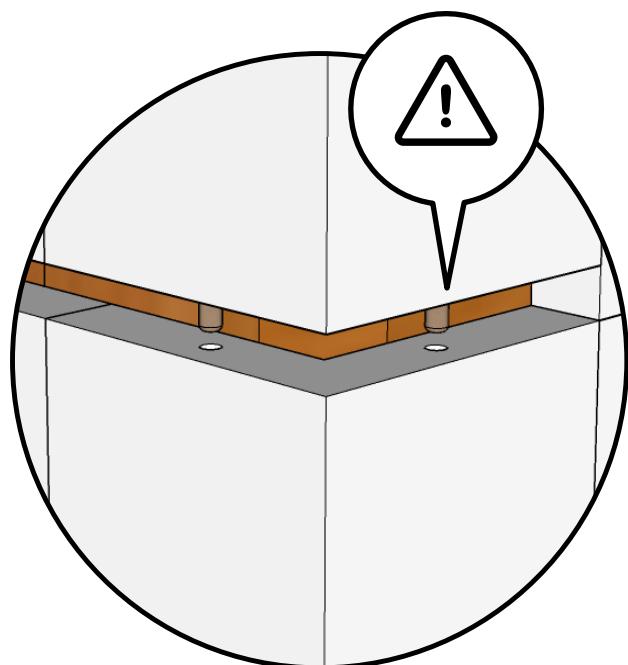
You will find them, without the feet, in the box. Screw the feet into the sockets about 1.5 cm and place it in position. raise or lower the foot (using the supplied spanner) until the flex reinforcement touches the ground and the ground brick. You should not lift it, just prevent it from flexing.



Assembly



Assembly

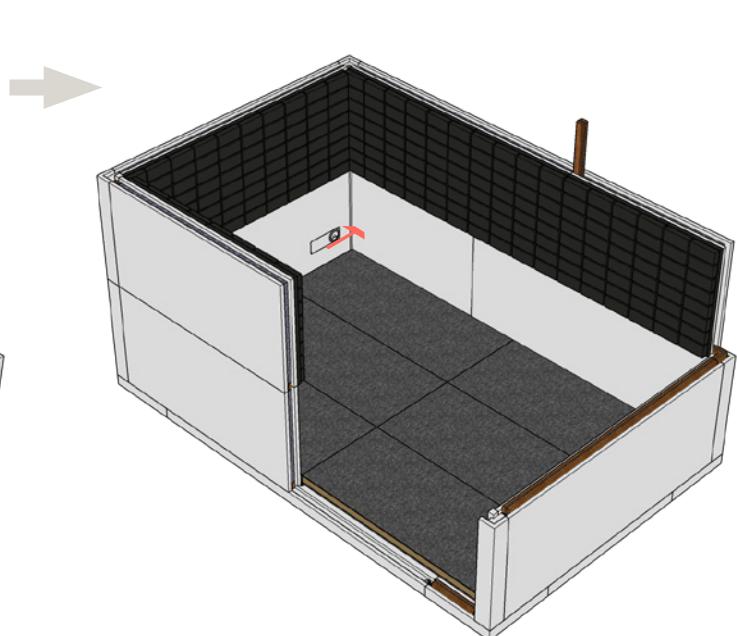
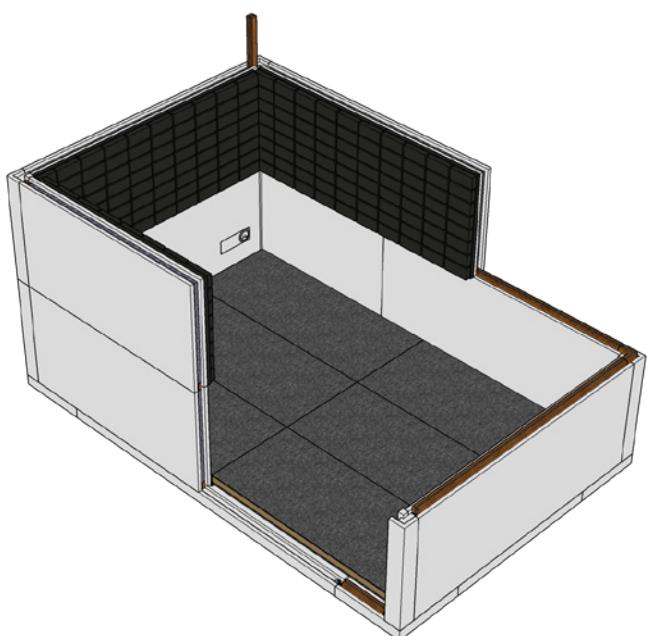
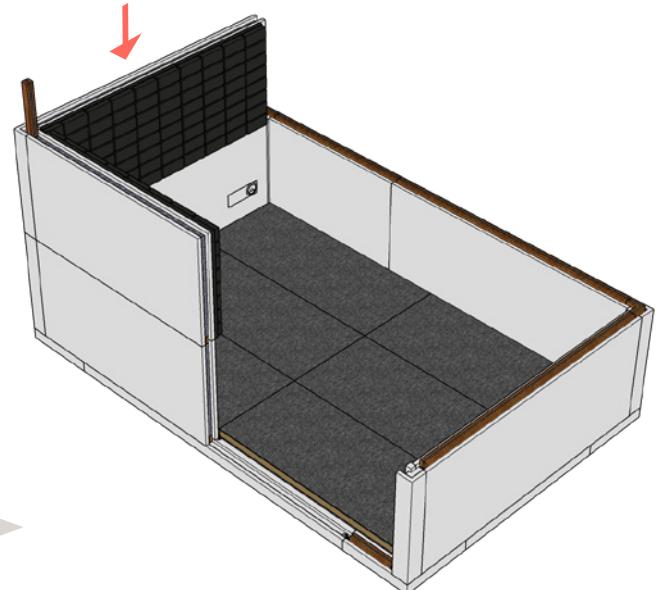
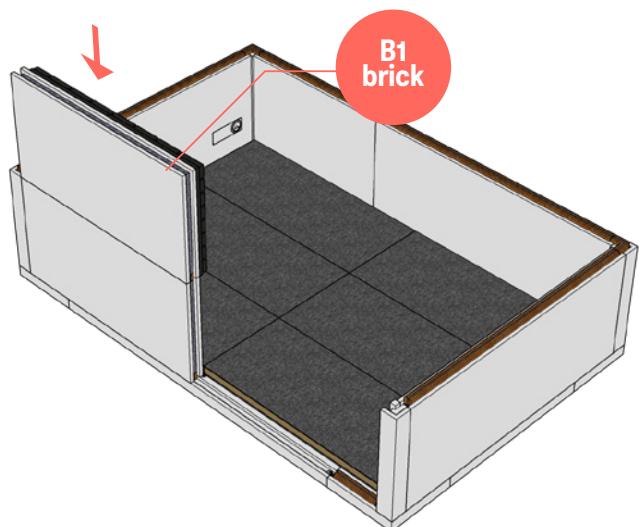


Level B:

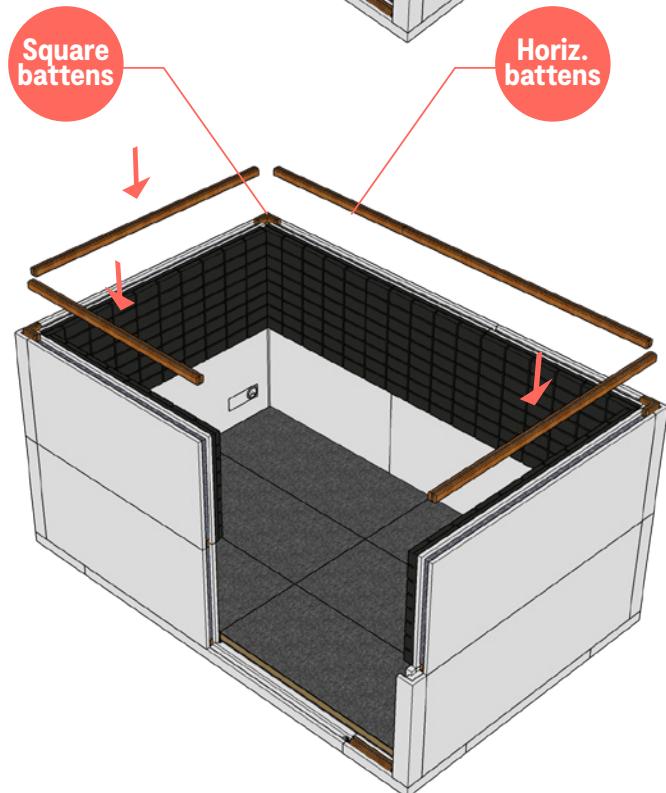
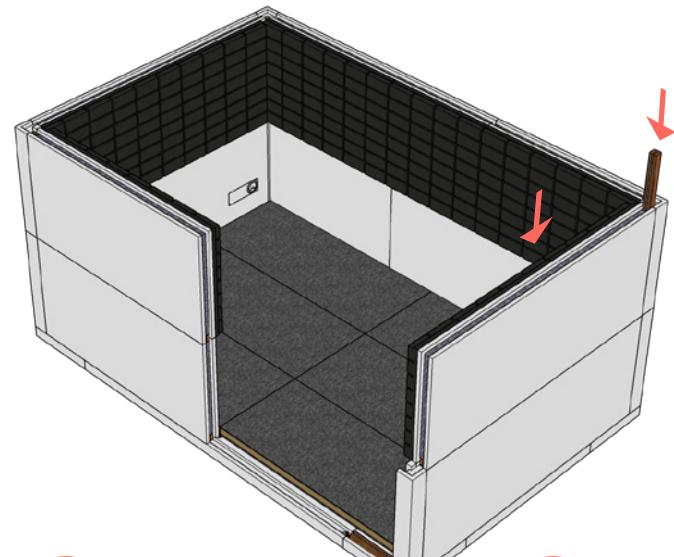
⚠ Make sure dowels fit perfectly. On this floor it is very important to fit the brick completely straight so as not to force them.

Start with the **B1** on the left side of the door and continue with the next ones remembering to put in the vertical battens between.

⚠ Don't forget to place the self-adhesive rubber pieces after the vertical battens.



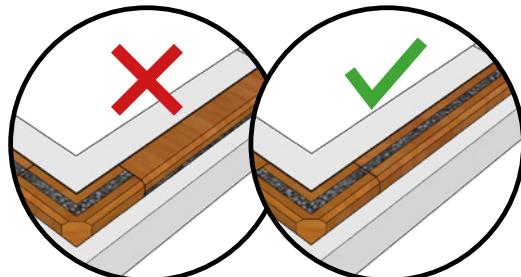
Assembly



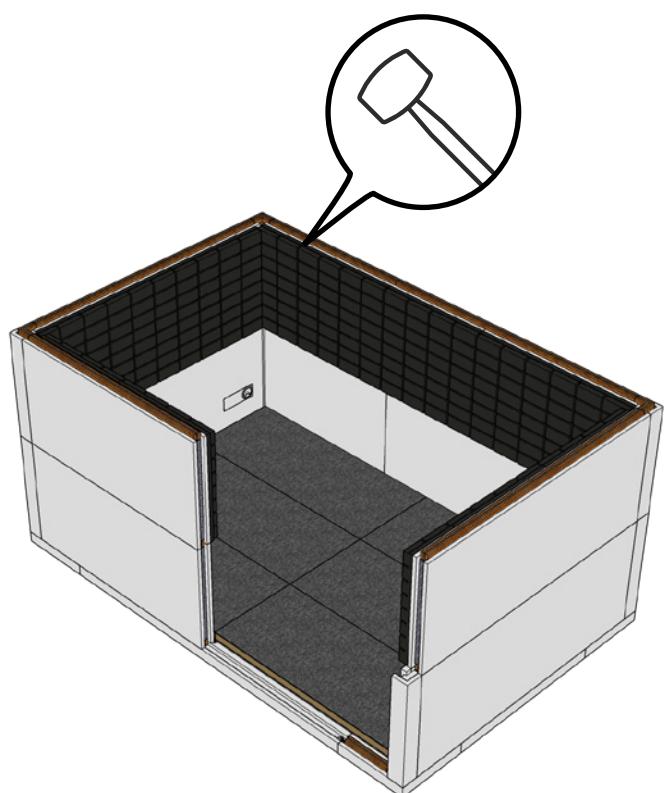
Now we have levels A and B complete, except the last two bricks before the door. We do it like this to facilitate the assembly of it. If the last brick of floor B that we have placed bothers you to maneuver, you can put it after mounting the door.

Horizontal battens:

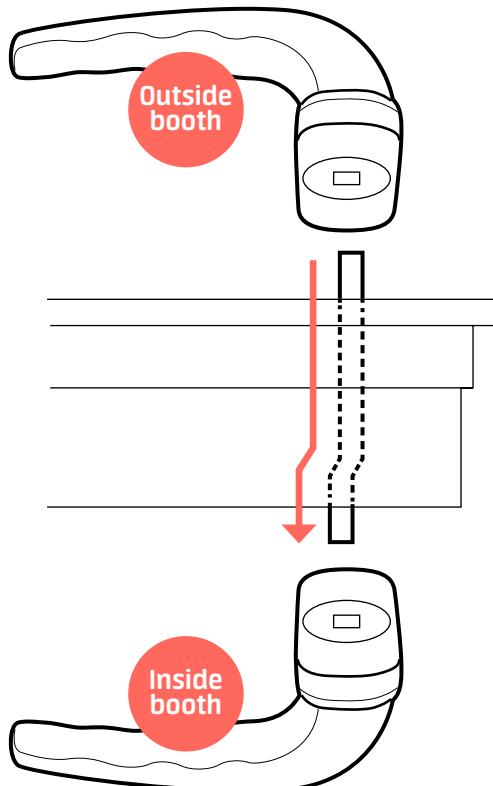
Place the battens in the ring grooves. All are marked to make it easier for you. It is very important to place them in the correct direction.



⚠ Adjust securely with a rubber mallet.



Assembly



Door:

⚠️ Door handle must be first installed before the rest of the booth due to safety reasons as the door should remain closed during the assembly.

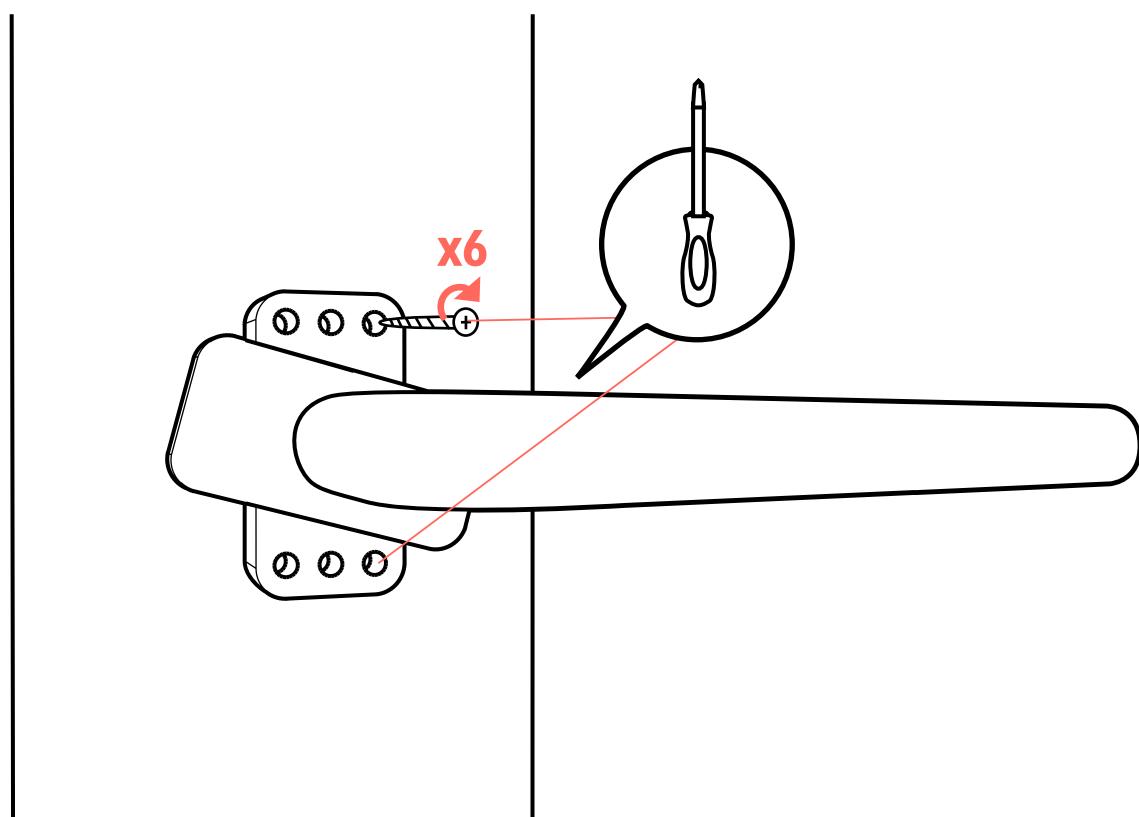
Assembly of the door handle:

⚠️ We recommend that you use a manual screwdriver to avoid possible scratches on the door frame.

The short side of the metal bar must be facing towards the inside as seen in the image.

Once either handle is placed it can now be screwed into the frame of the door.

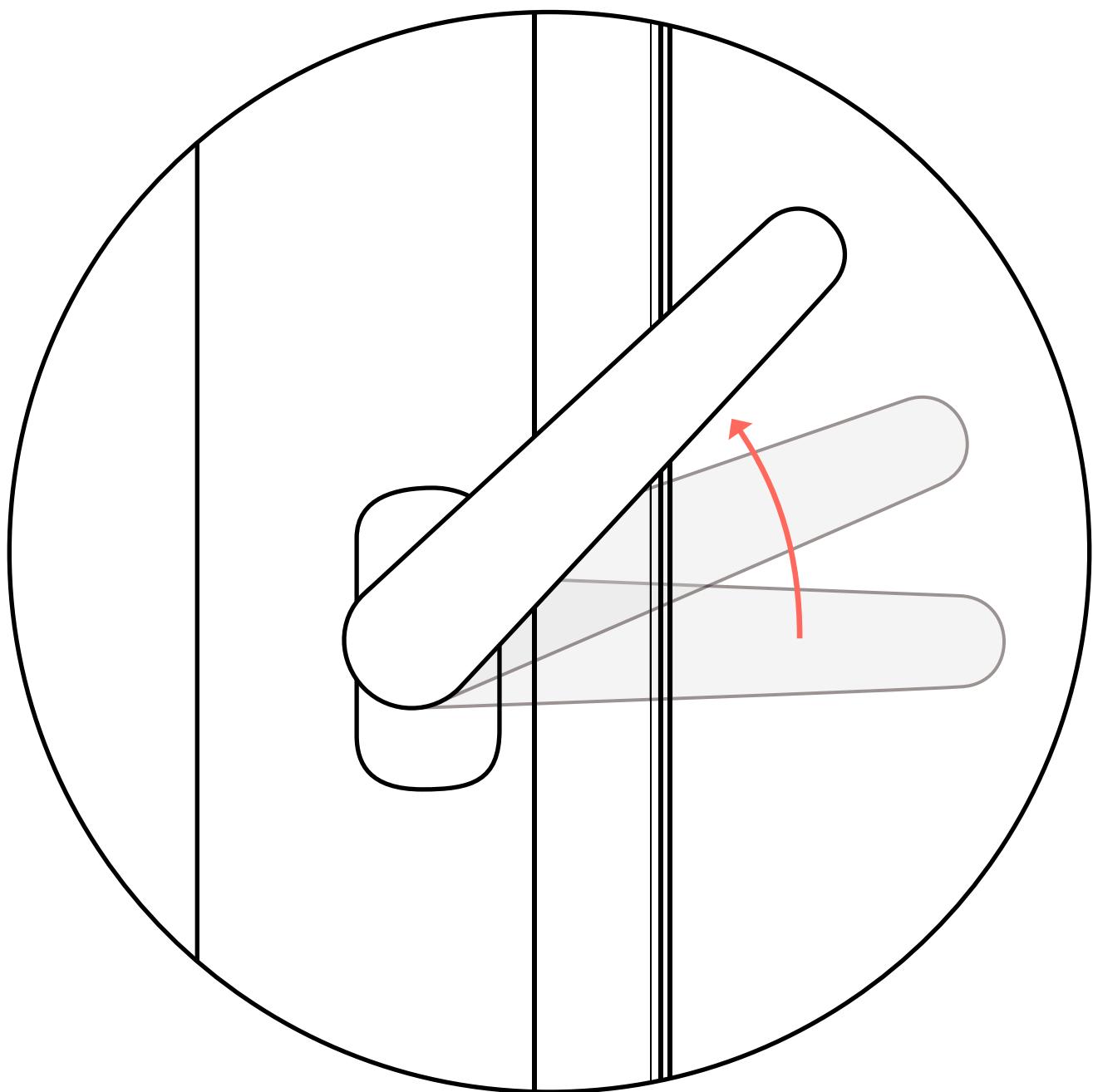
Now the handle just has to be placed on the other side.



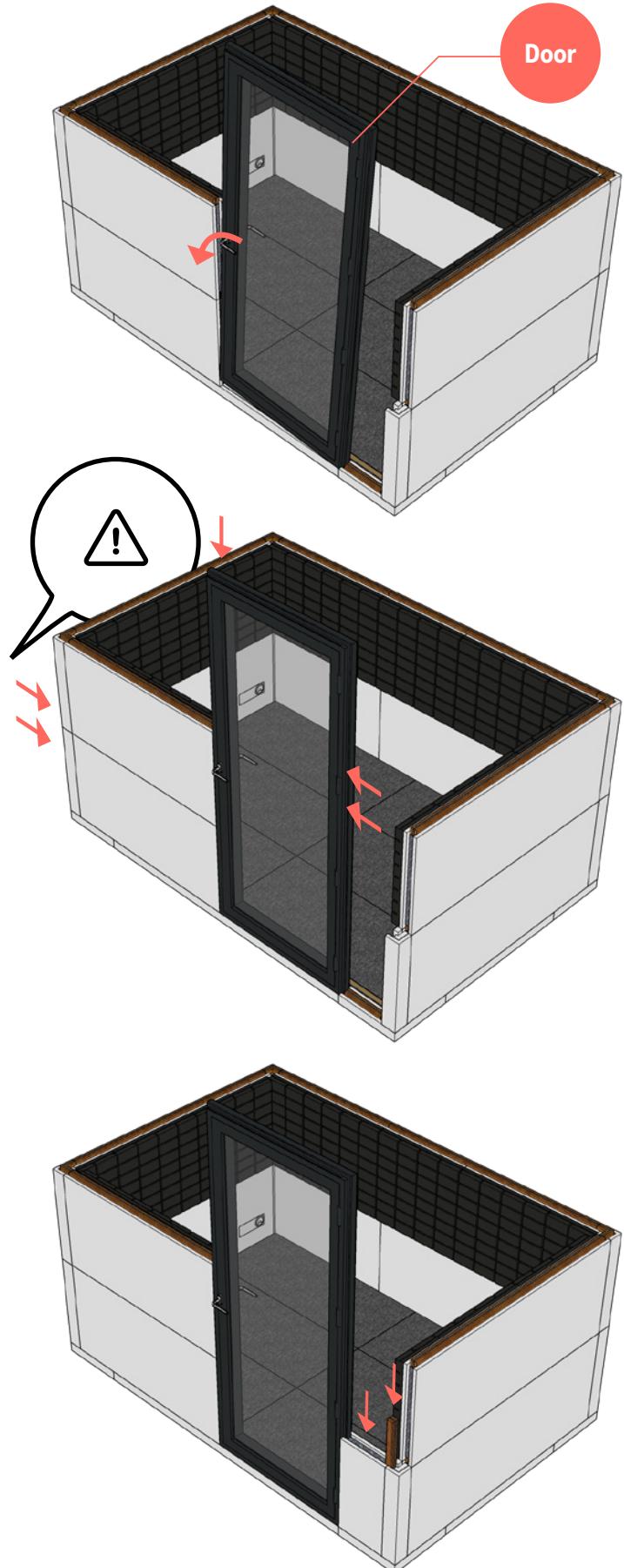
Assembly

Acoustic sealing:

⚠ Once installed, to get the best possible insulation the handle must be turned up.



Assembly



Door installation:

⚠ As the door is very heavy we recommend assistance for this step. At least one operator should be inside during installation of the door.

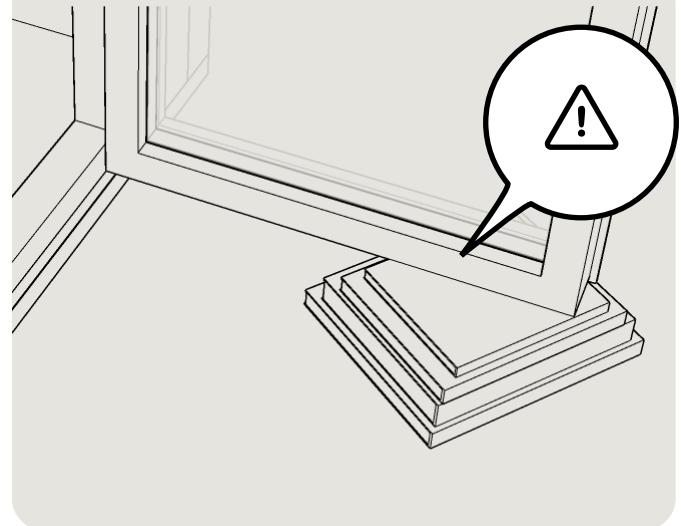
The next step is to place the **door**.

While an operator holds the left side of the booth, present the door and drop it until it fits perfectly. Use a rubber mallet if needed for a perfect fit.

⚠ Adjust securely with a rubber mallet.

⚠ Be very careful not to open the door while the cabin is unfinished.

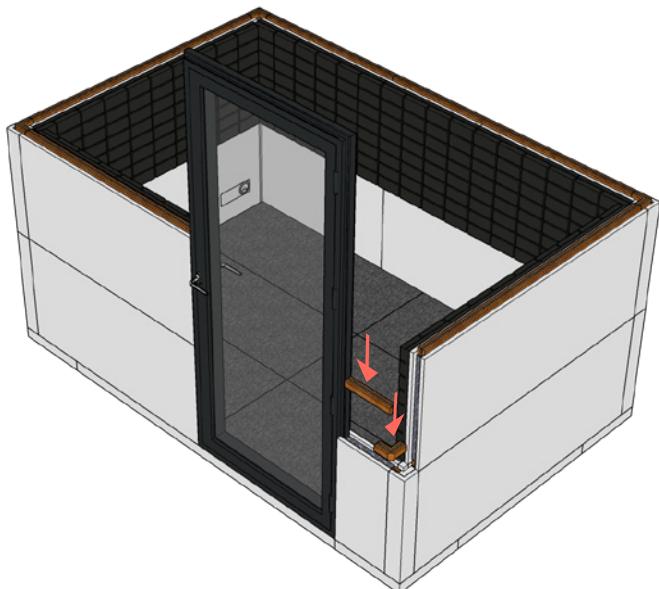
⚠ If there is no other option than to open the door during assembling because you install the cabin between walls, open it very carefully and level the weight of the door leaf by shimming it with a thickness of about 9cm. Some books, for example.



Complete level A with the last brick, the vertical batten, and the adhesive rubber piece

⚠ Don't forget to place the self-adhesive rubber pieces after the vertical battens.

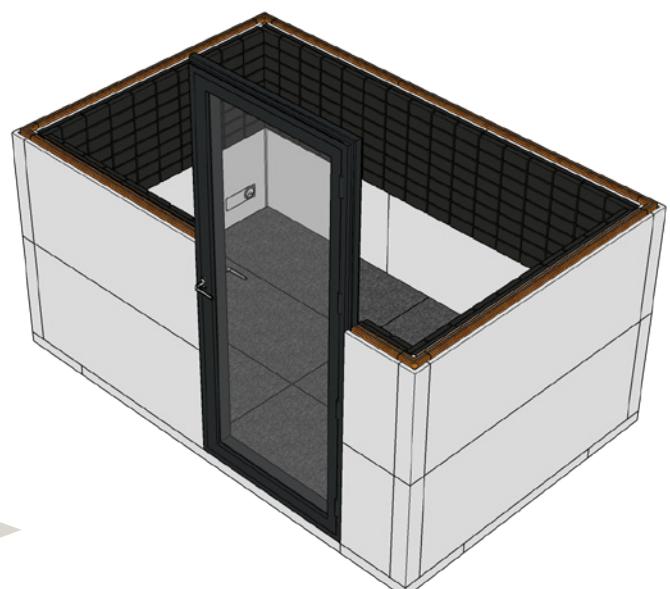
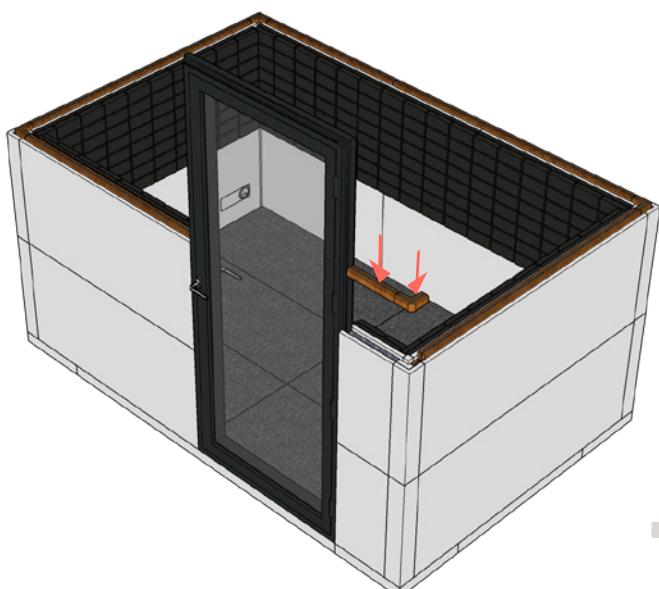
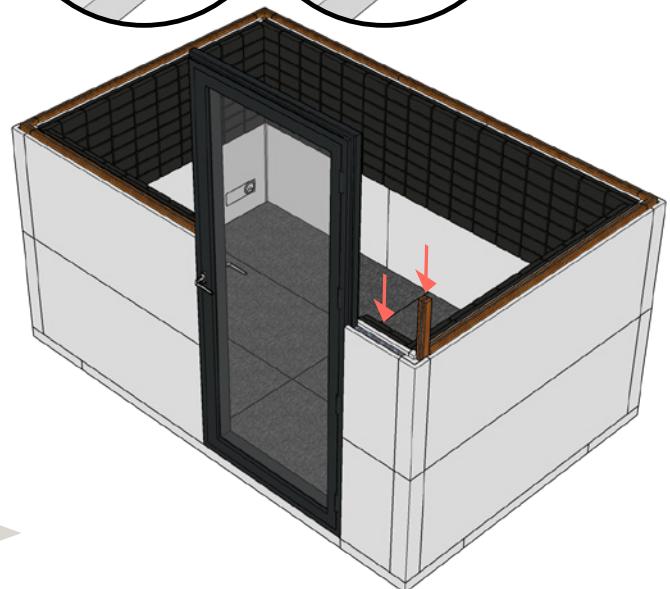
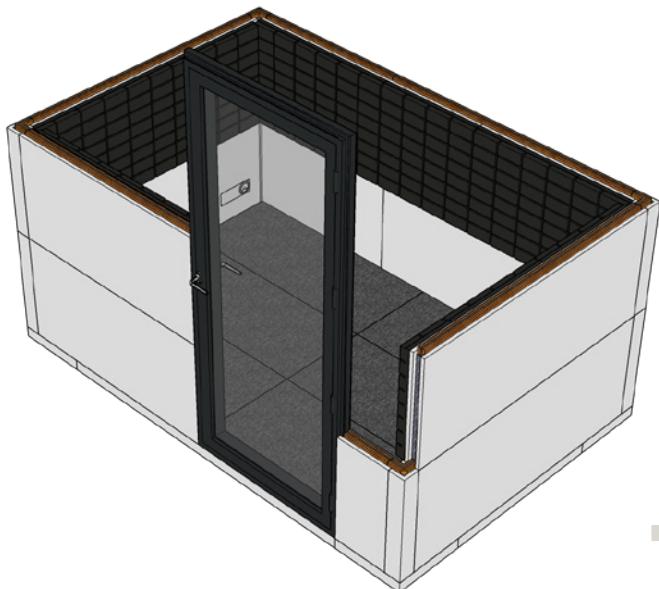
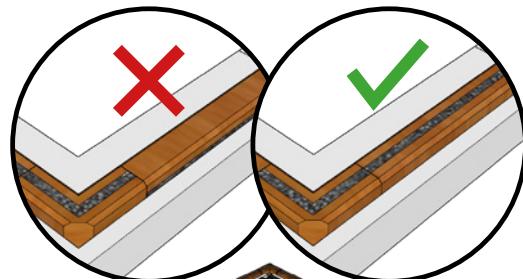
Assembly



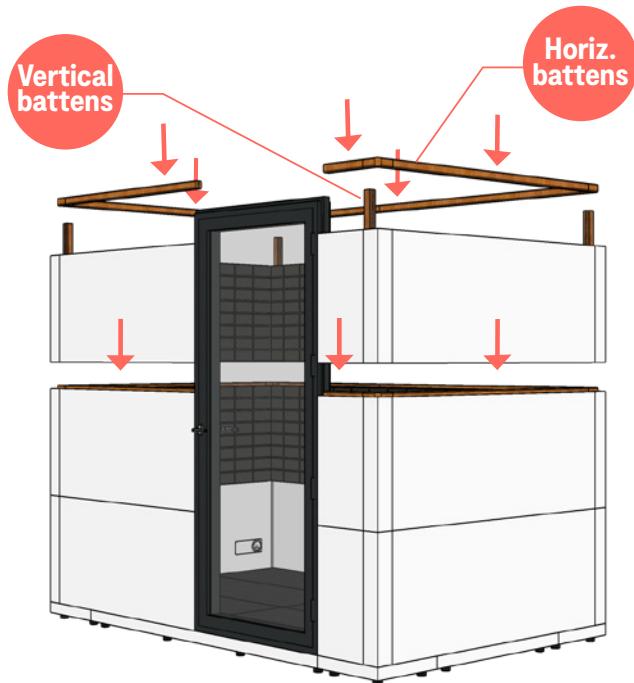
Place the **horizontal battens** in the ring grooves and complete the level B with the last brick, the vertical batten, and the adhesive rubber piece.

⚠ Don't forget to place the self-adhesive rubber pieces after the vertical battens.

Place the **horizontal battens**. It is very important to place them in the correct direction.



Assembly



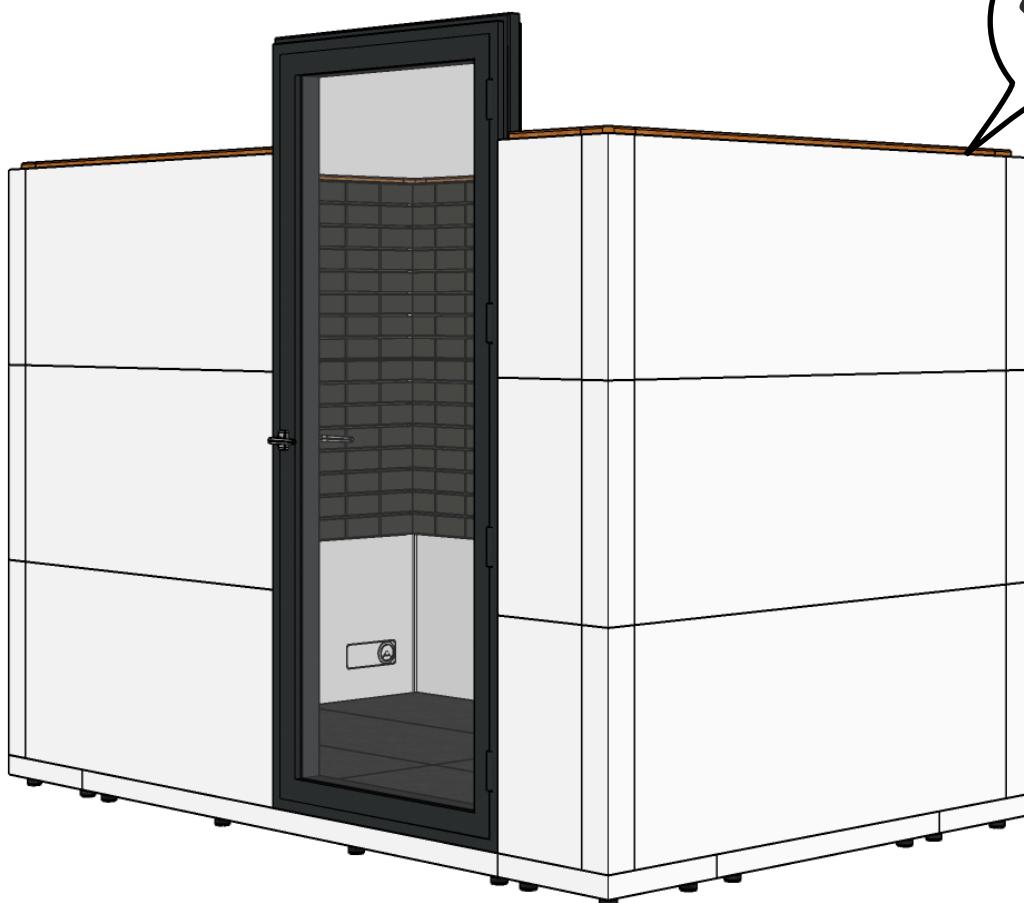
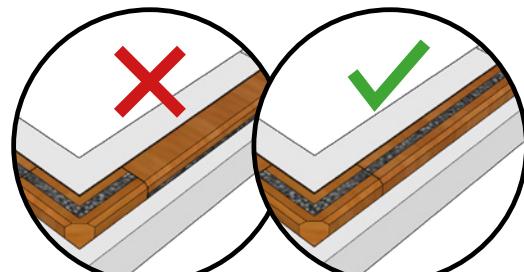
Level C:

⚠ Make sure dowels fit perfectly.

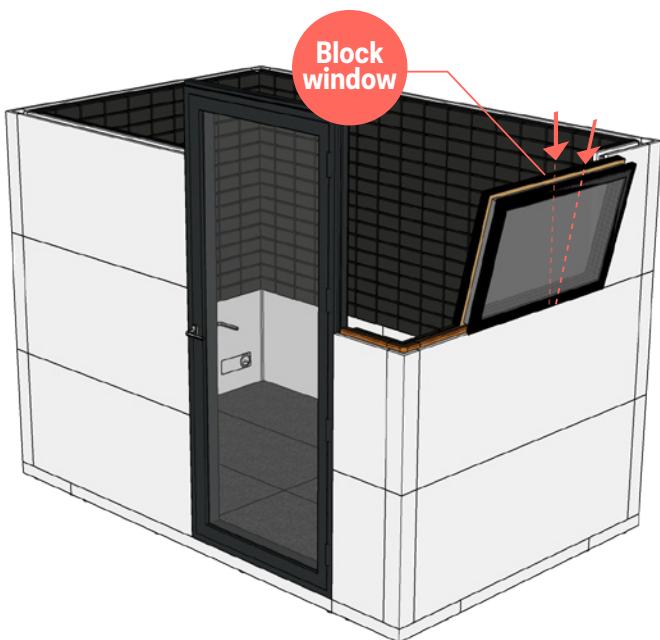
Start with the **C1** on the left side of the door y continue with the next ones remembering to put in the vertical battens between.

⚠ Don't forget to place the self-adhesive rubber pieces after the vertical battens.

Finish the level with the **horizontal battens**. It is very important to place them in the correct direction.



Assembly



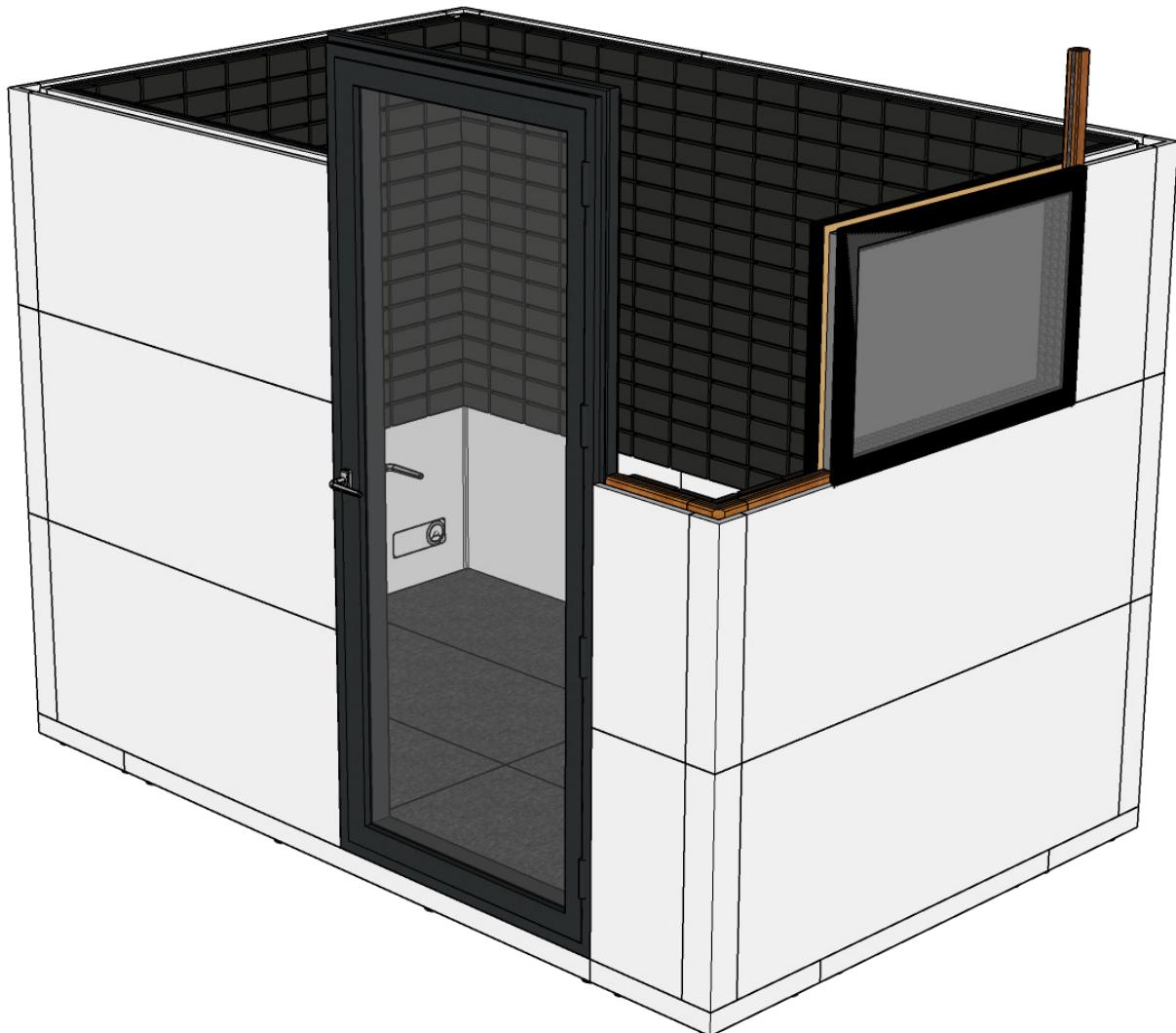
Block windows:

⚠ As windows are very heavy and its fragility as well, we recommend assistance for this step.

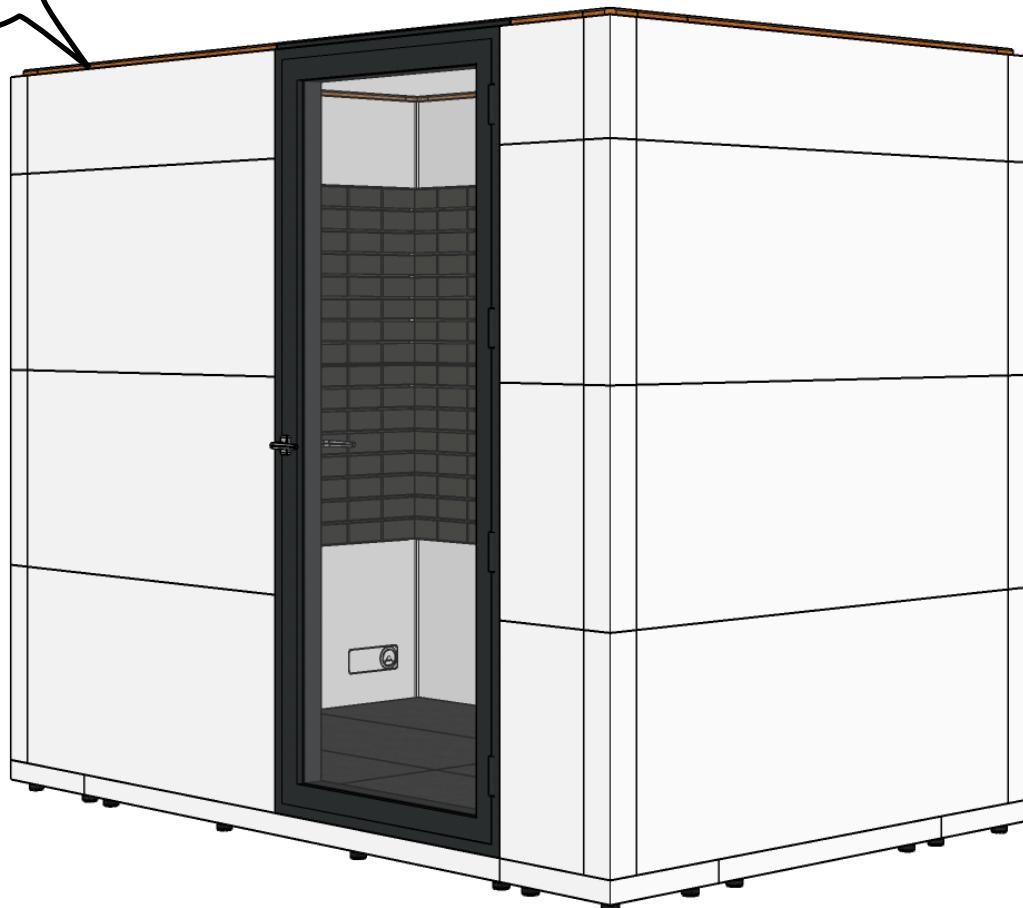
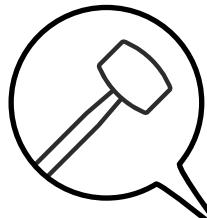
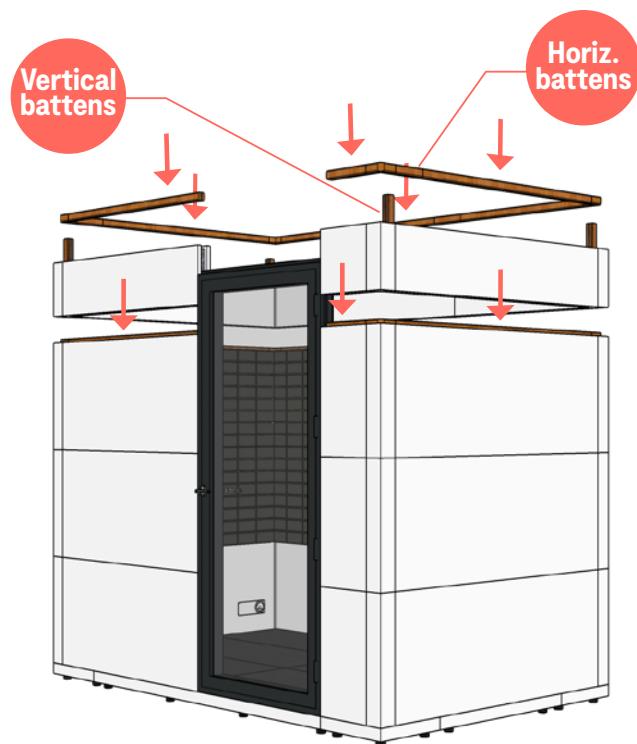
If your booth has a **block window**, you should know that its installation is simple since it has the same structure and is assembled like a brick. So, gently angle the window to make it fit better. Make sure the window fits snugly and is parallel to bricks for optimal insulation.

As with any other brick, don't forget to insert the vertical batten between the window and the adjacent bricks.

⚠ Don't forget to place the self-adhesive rubber pieces after the vertical battens.



Assembly



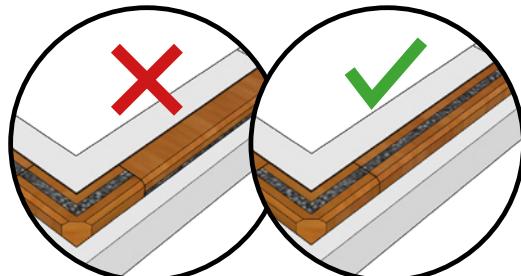
Level D:

⚠ Make sure dowels fit perfectly.

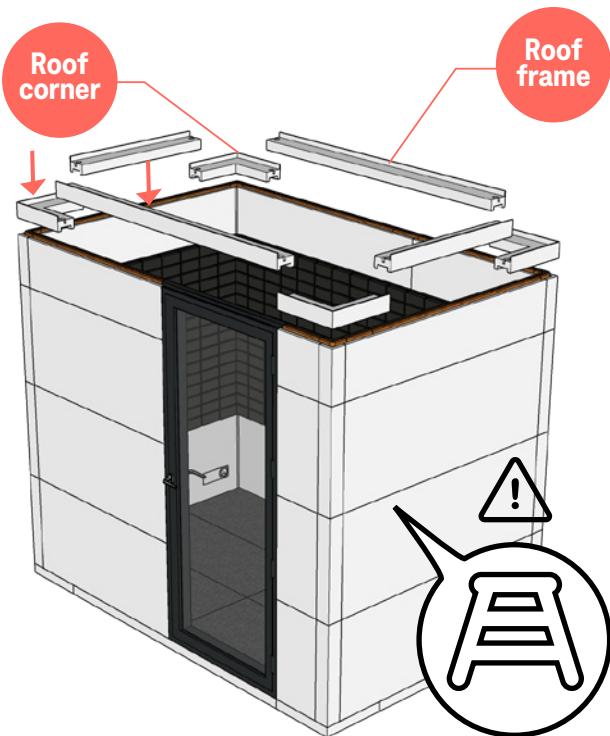
Start with the **D1** on the left side of the door y continue with the next ones remembering to put in the vertical battens between.

⚠ Don't forget to place the self-adhesive rubber pieces after the vertical battens.

Finish the level with the **horizontal battens**. It is very important to place them in the correct direction.



Assembly



Roof ring:

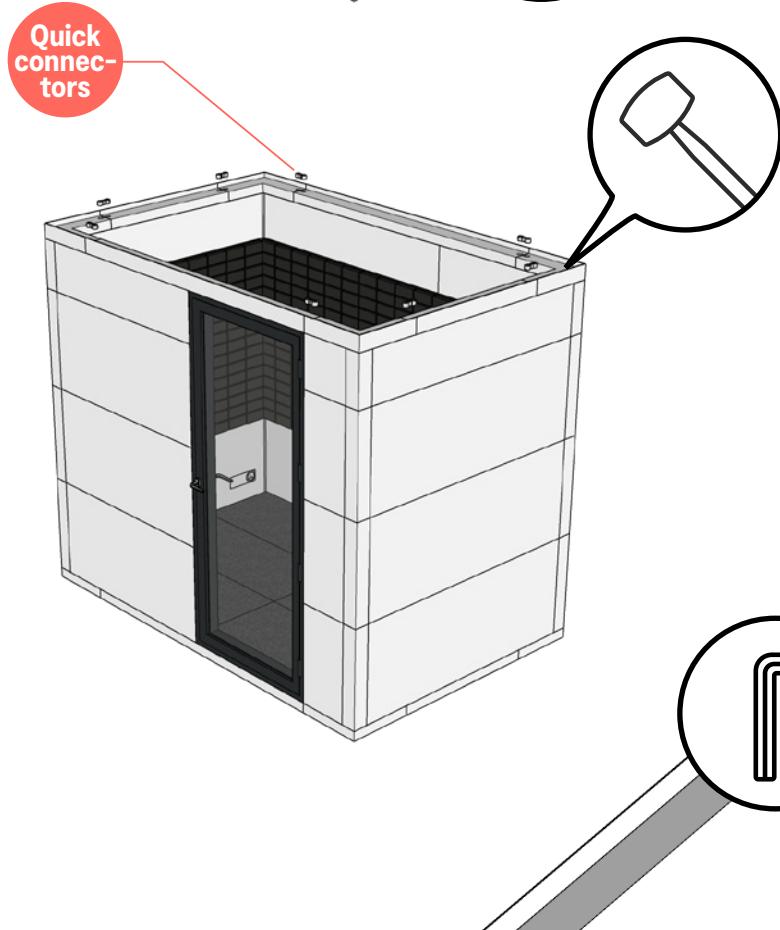
⚠ Help yourself with a stepladder to reach the roof ring without forcing the position. Make sure you don't take any risks.

Place the left **roof ring corner** from the back side joining the two **roof ring frames**. Joint the parts fitting the dowels.

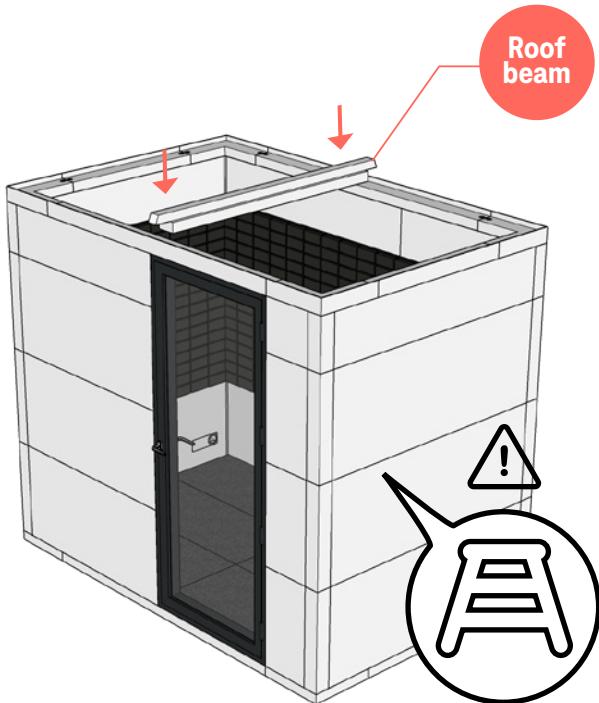
⚠ Make sure dowels fit perfectly.

Insert the **quick connectors** and tighten it with the help of the provided hex key.

Advance to the opposite corner placing the adjacent straight beams.



Assembly



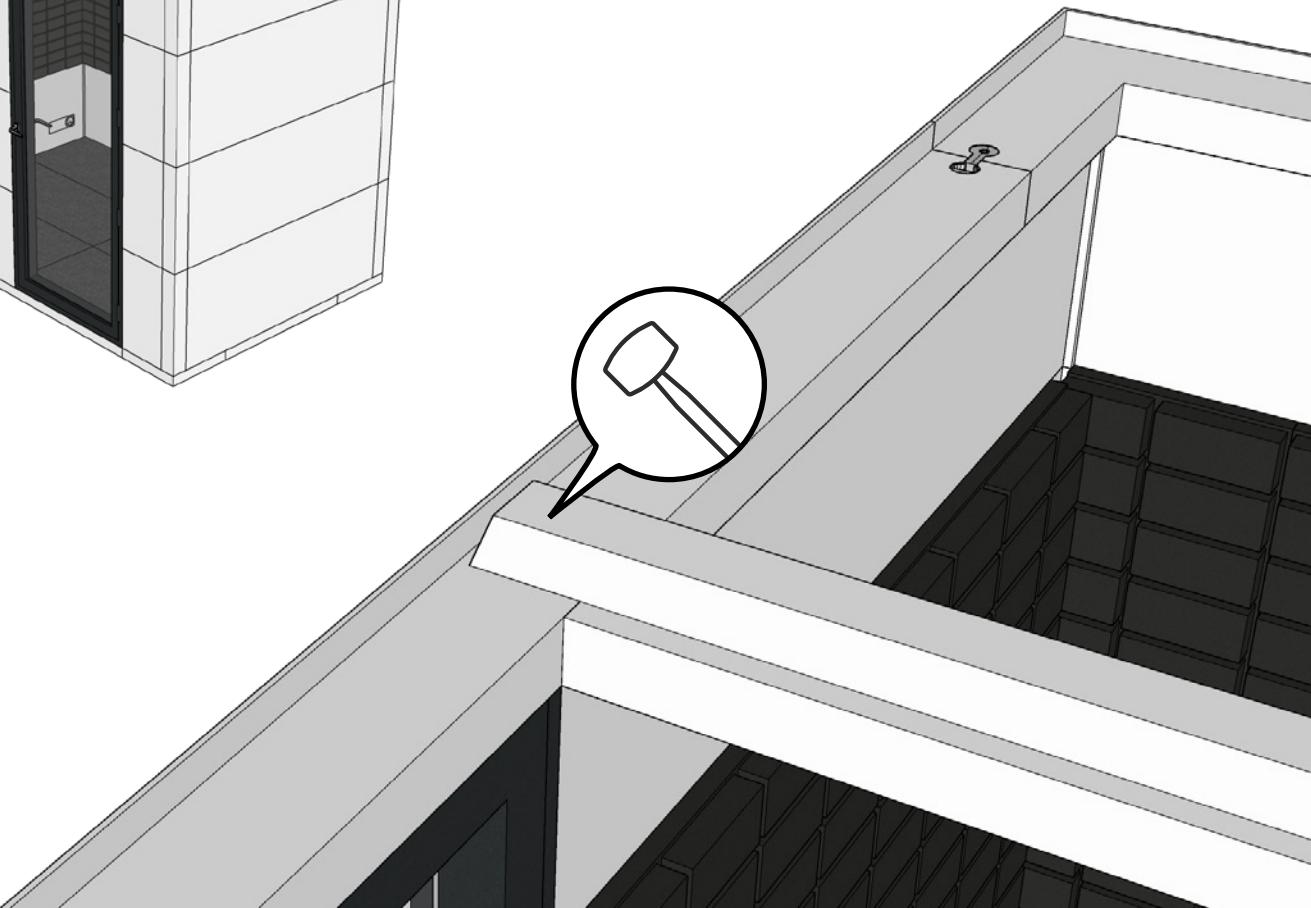
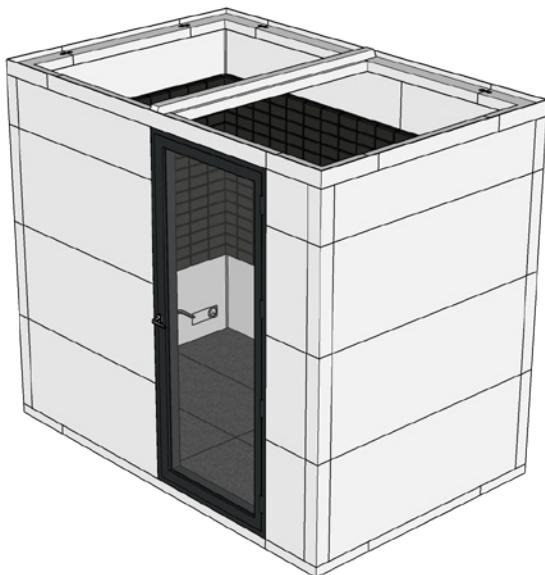
Roof beam:

⚠ As the roof beam is very heavy we recommend assistance for this step. At least one operator should be inside during installation.

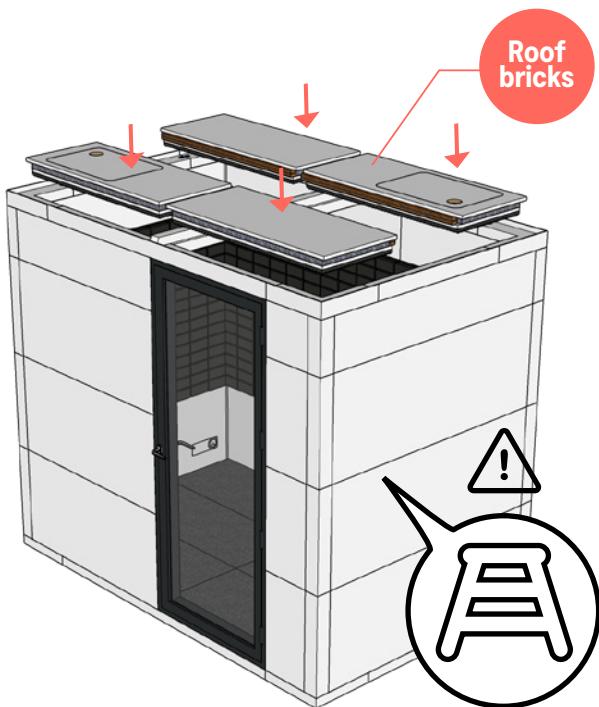
⚠ Help yourself with a stepladder to reach the roof ring without forcing the position. Make sure you don't take any risks.

The last piece of the roof structure is the **roof beam**. When placing the beam and especially when fitting the dowels into the holes in the roof ring frame, take care. Use the rubber mallet to fit it well

⚠ Make sure dowels fit perfectly.



Assembly



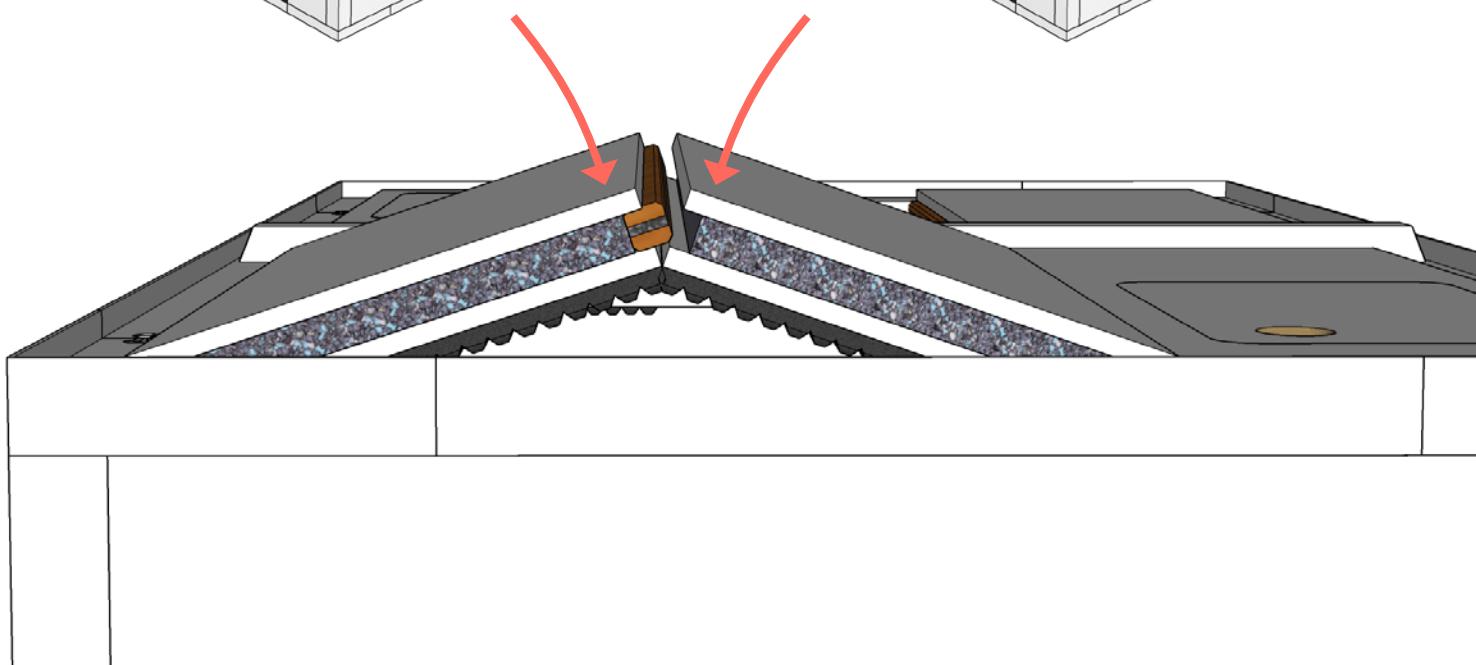
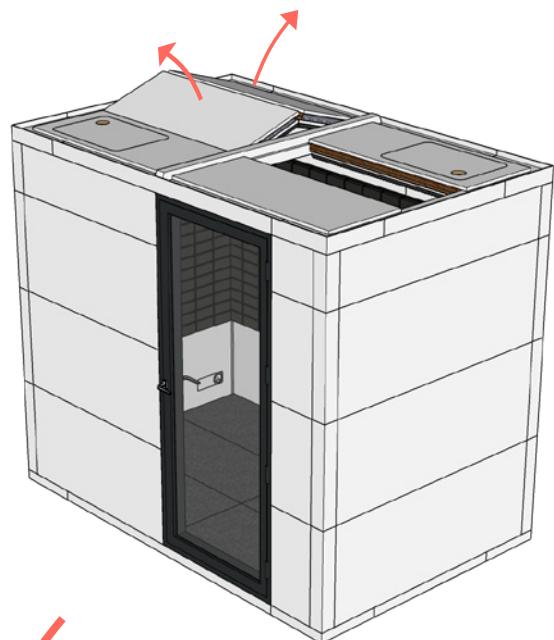
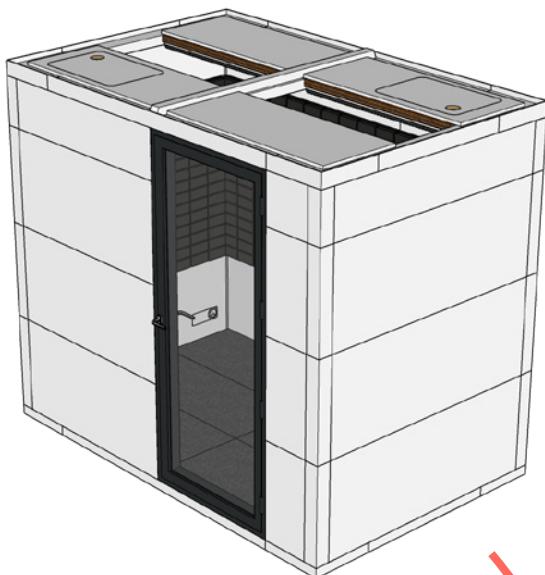
Roof:

⚠ As the roof beam is very heavy we recommend assistance for this step. It's very important to place these roof bricks from inside the booth.

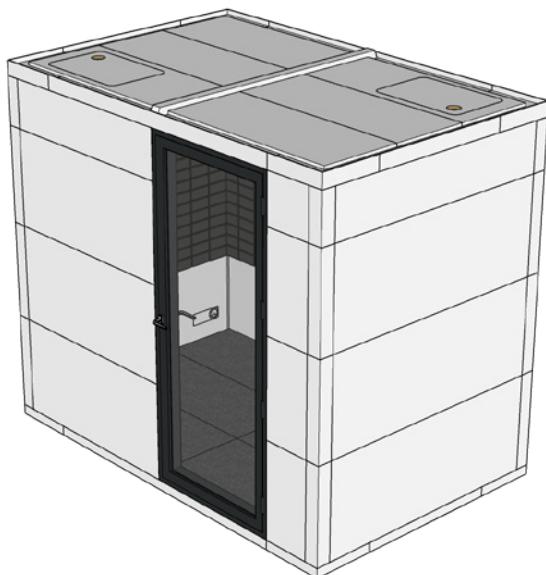
⚠ Help yourself with a stepladder to reach the roof ring without forcing the position. Make sure you don't take any risks.

Finally you can place the **roof bricks**, starting from both side as you did for the floor. Between each roof brick comes a **batten**. Put them in before place the bricks.

For the final pieces, lift them at the same time, as shown in the picture.

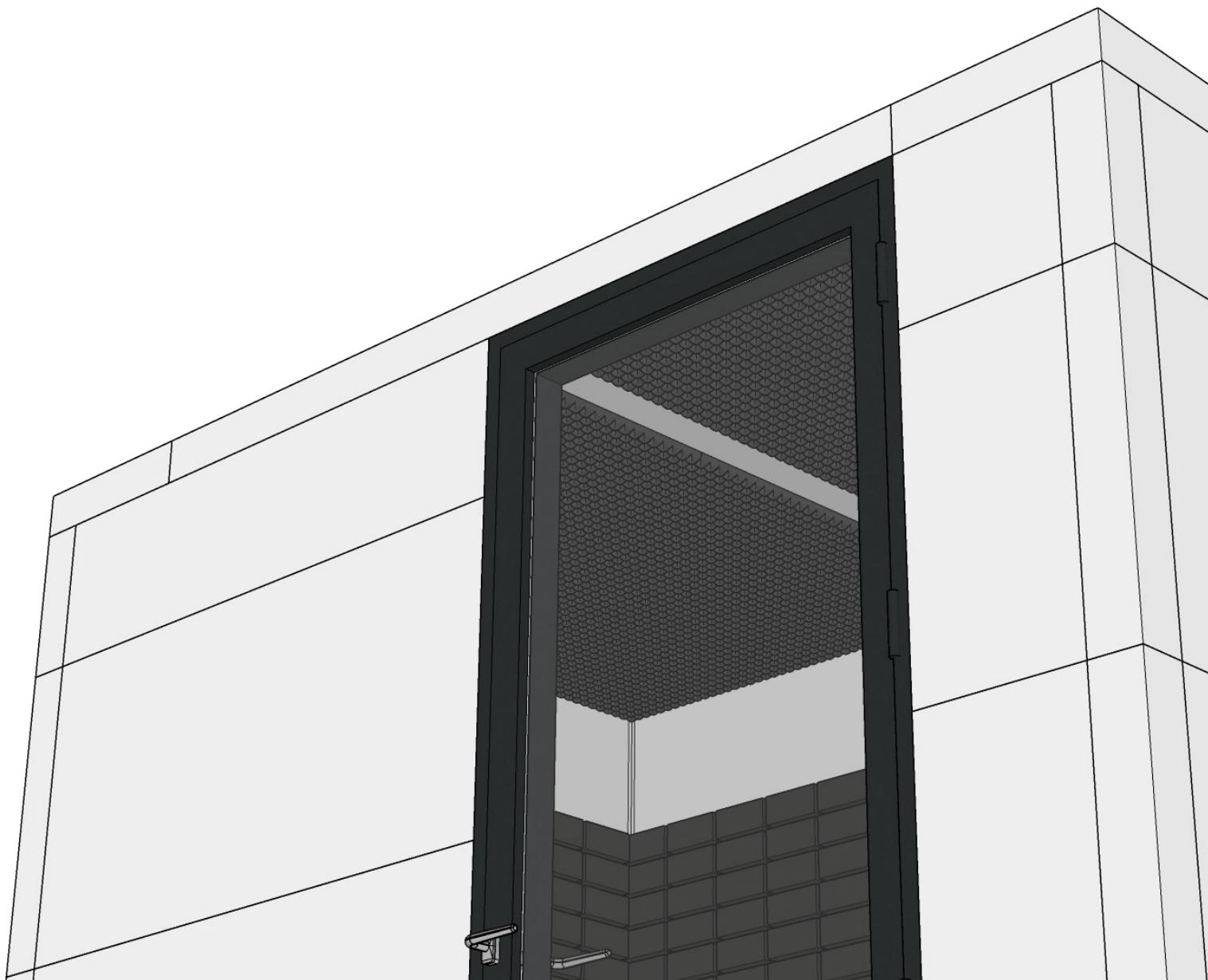


Assembly



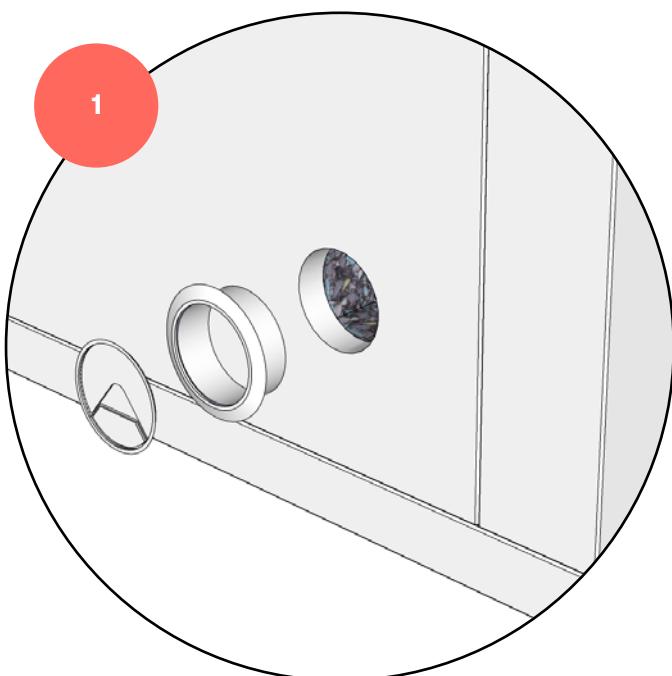
Follow the same procedure with the rest of the roof bricks. Allway star with lateral bricks and finish with the middle ones.

Now your booth i complete.



Assembly

2.3 Finishing



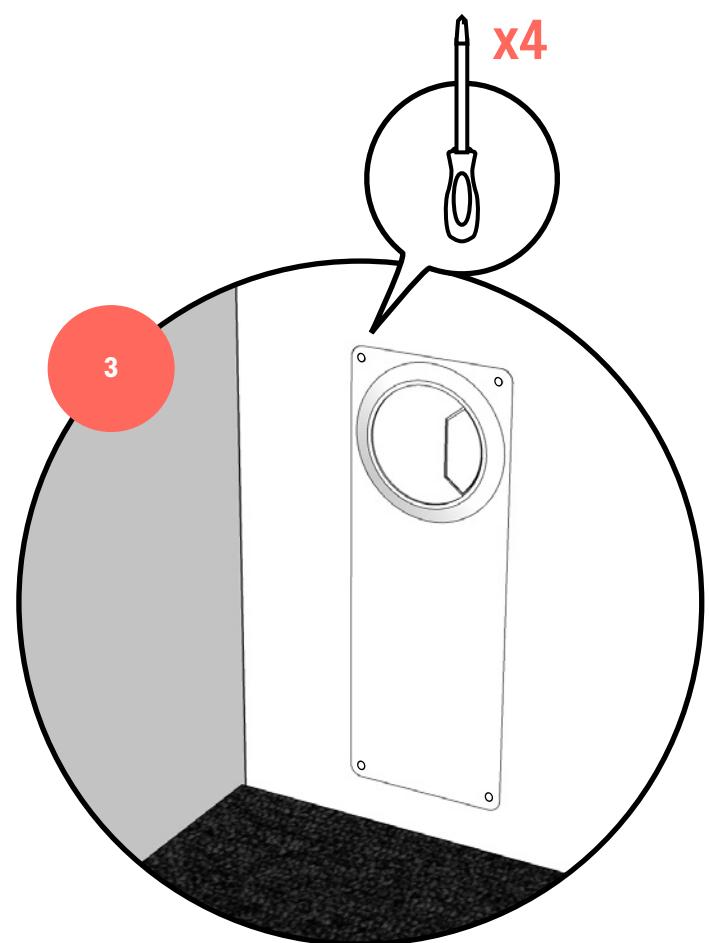
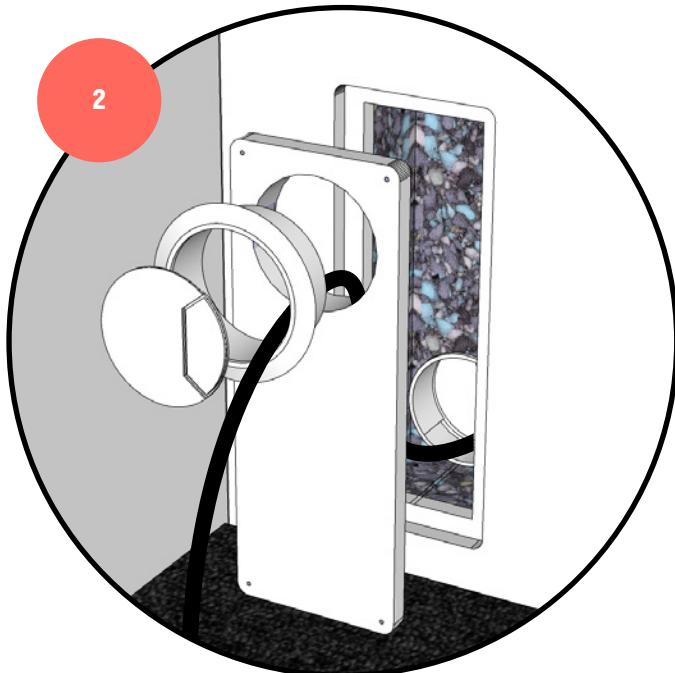
Cable port:

1 - outside the cable port brick: First put in the trim cable gland into the cable port hole. It's located outwards the cable port brick. Remove the cap from the trim cable gland. Put it back once the cable is passed by pressing until you hear a click.

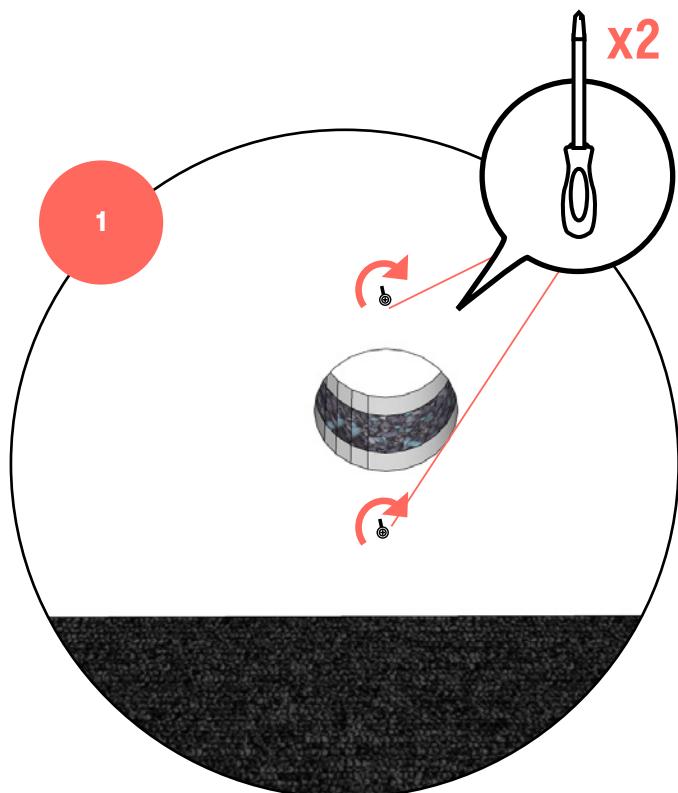
⚠ You might need the rubber hammer to get it fully into the hole.

2 - inside the cable port brick: Then pull the cable of the triple socket through the panel port and through the trim cable gland, as you can see on figure 2.

3 - inside the cable port brick: Before inserting the tunnel plate, cover the conduct with the piece of acoustic foam. Then screw the tunnel plate with the trim cable gland on top. There are pilot holes to show you where to put the screws provided.



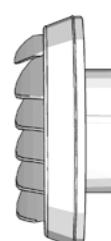
Assembly



Ventilation kit:

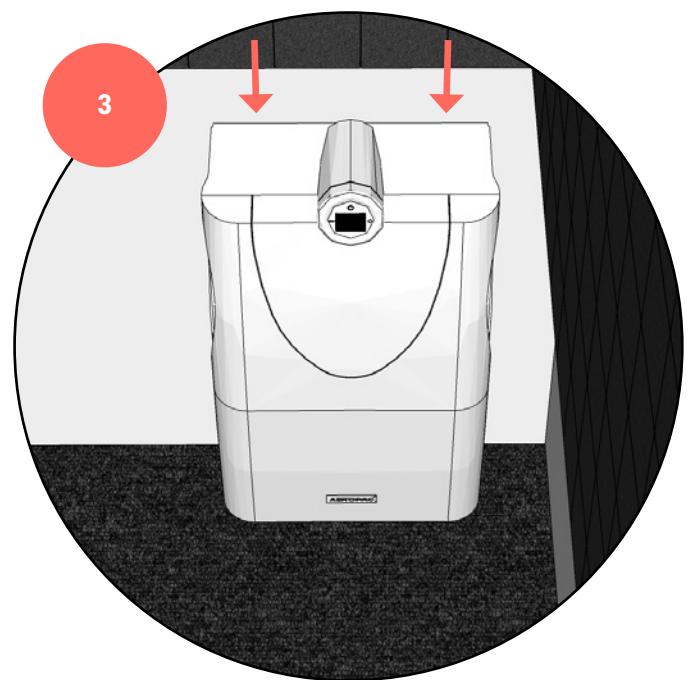
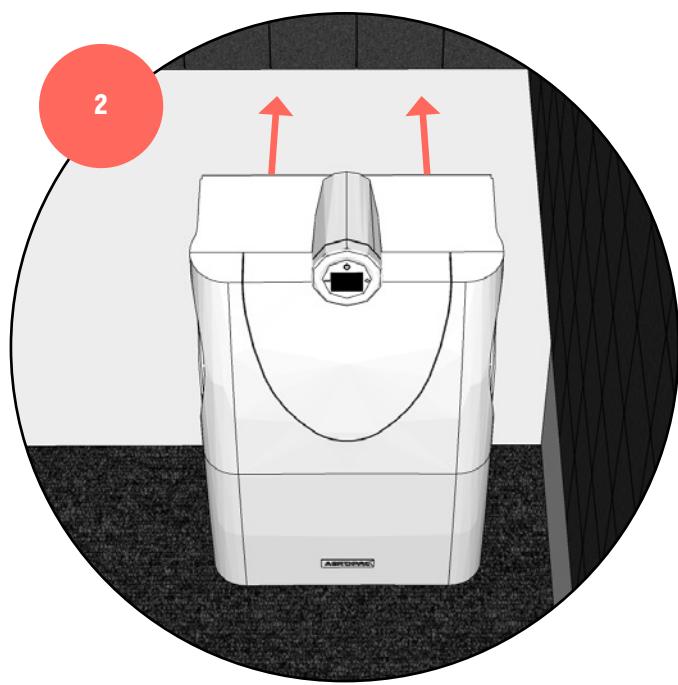
The **ventilator** sits inside the booth. To install it put the two provided screws into the pilot holes and tighten them leaving half a centimetre stand out.

Fix the ventilator to the wall.



The two small white air vents sit on the roof and outside the ventilation brick. It fits easily.

Repeat this operation for all kits your booth has.

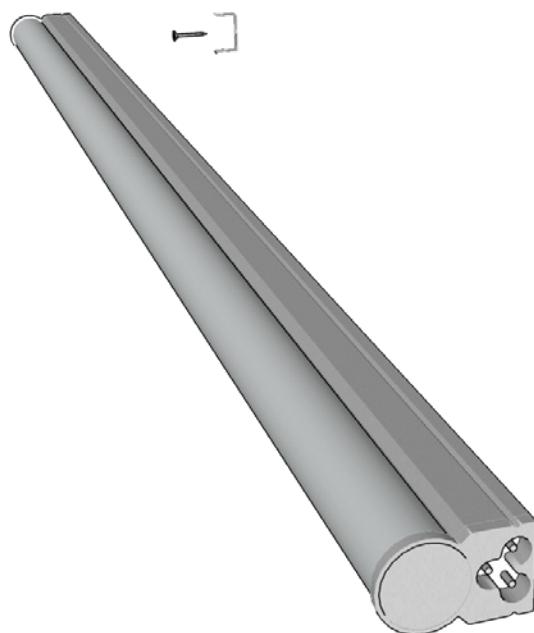


Assembly

LED light:

Finally, you carefully take the LED light out of its packaging, and fix the light inside the cabin right above the door or wherever you want to have it. Use screws, double sided tape or simply fit it between the absorbers (it's a good way to hide the cable).

The switch cable is supplied separately (you will find it in the small box). Connect the cable to the led light. You will find the triple connector at one end of the light.



Remember that there is no socket inside the booth so, like any electrical appliance that you install inside the booth, you have to pass the plug through the cable gland to connect it to an outlet outside the booth.

Assembly

Lacquer:

We provide you with a small bottle of lacquer in case you need to fix some small scratches which can occur during assembling.



Last update | April 2021