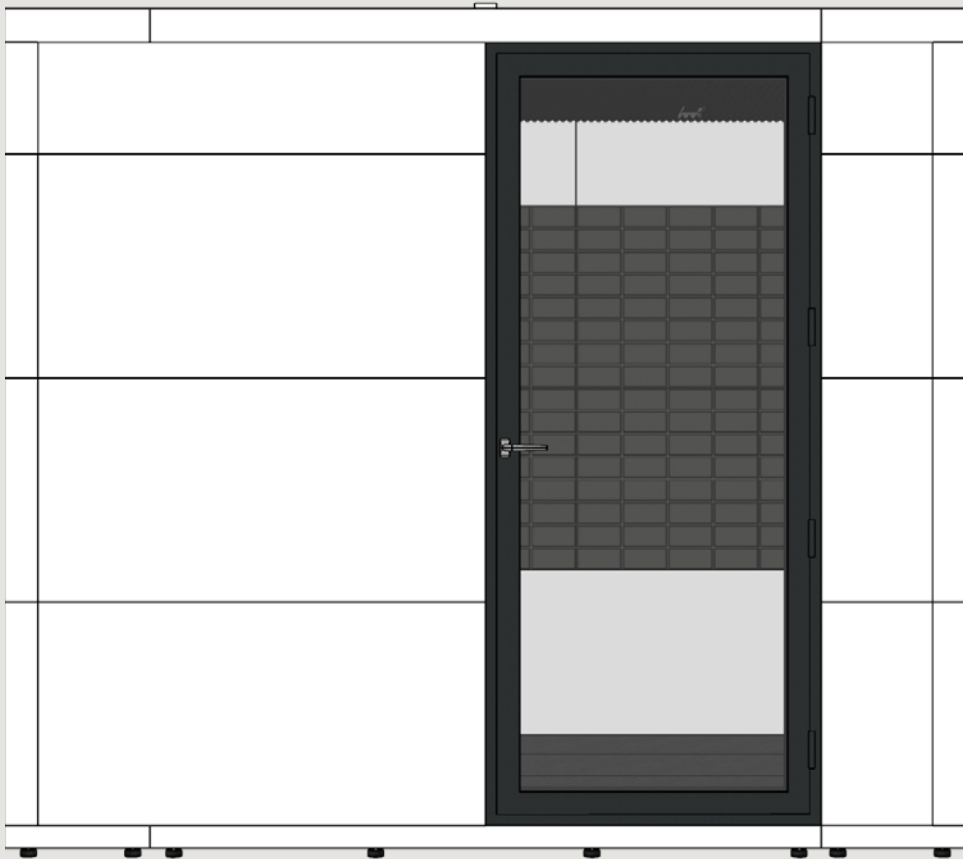


Triple wall custom size booths

Assembling guide



Last update | June 2022

Please follow the safety procedures listed below.

⚠ The carrier must unload the booth on a flat floor. Do not place or rest the box on a slanted surface, such as an access ramp, the box could tip over and injure someone.

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

⚠ Operate the box with caution and make sure to open it on the right side as parts may fall out.

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

⚠ During the unpacking, remove the highest parts and those on top of others, first. Alternate removing parts from both sides to ensure that the package stays stable during the unpacking process. 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 booth 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 stays stable during the assembly.

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

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

⚠ Keep the door of the booth closed during the assembling process. If for some reason you need to open the booth before it is fully assembled, open it very carefully and balance the weight.

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

⚠ Additional electrical installation, connection and commissioning must be done by a qualified professional (according to IEC60050; IEC60364-4-41) with professional electrotechnical skills. Inappropriate installation can lead to serious injuries to the installer and the users of the booth.

⚠ With improper installation you risk heavy material damage through fire. In case of a non properly done installation, Studiobricks can't be held liable in case of injuries or damages to material assets. Volt-free dismounting.

Index

Safety guidelines **2**

Starting **4**

Delivery 4

Unpacking 4

Tools 5

Organization 5

Assembly **6**

Floor setup 6

Building the structure 8

Finishing 28

Before the assembly



1. Starting

1.1 Delivery

Your Studiobricks booth will arrive in a box.

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

In case of damage, and insurance claim can be requested, provided the client provides photographic evidence of the damages on the package. The delivery company will not be responsible for disposing of the box. It must be disposed by the client.

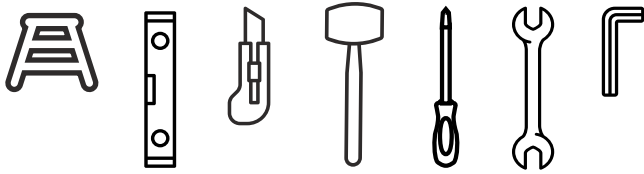
1.2 Unpacking

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

⚠ Operate the box with caution and make sure to open it on the right side as parts may fall out.

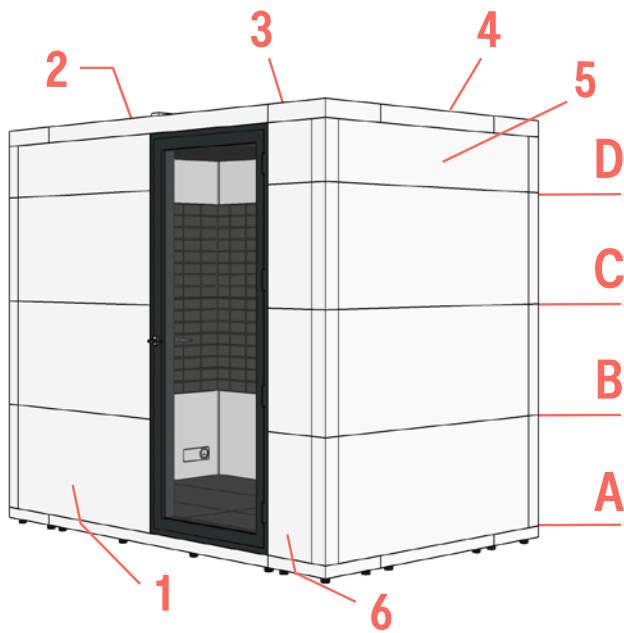
After taking all the pieces out please take the time to carefully inspect that all the pieces have arrived in good shape and that all pieces are complete.

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 provides a wrench and an 6 mm hex key

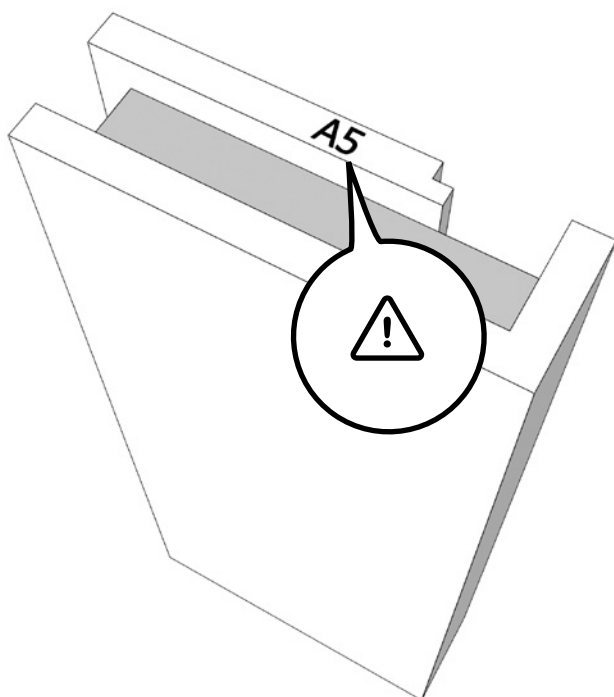


1.4 Organization

Keep all the needed tools handy 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 indicated the level the brick is meant to be at. The numbers indicate the position of the brick in relation to the door. The first brick from the left side of the door is number 1.



⚠ Remember!

Your booth will probably not be exactly like the one in this assembly guide. It can be bigger or smaller. With more beams or without any. With more windows or without windows. The number of bricks can be different. However the system and the sequence is the same.

2. Assembly

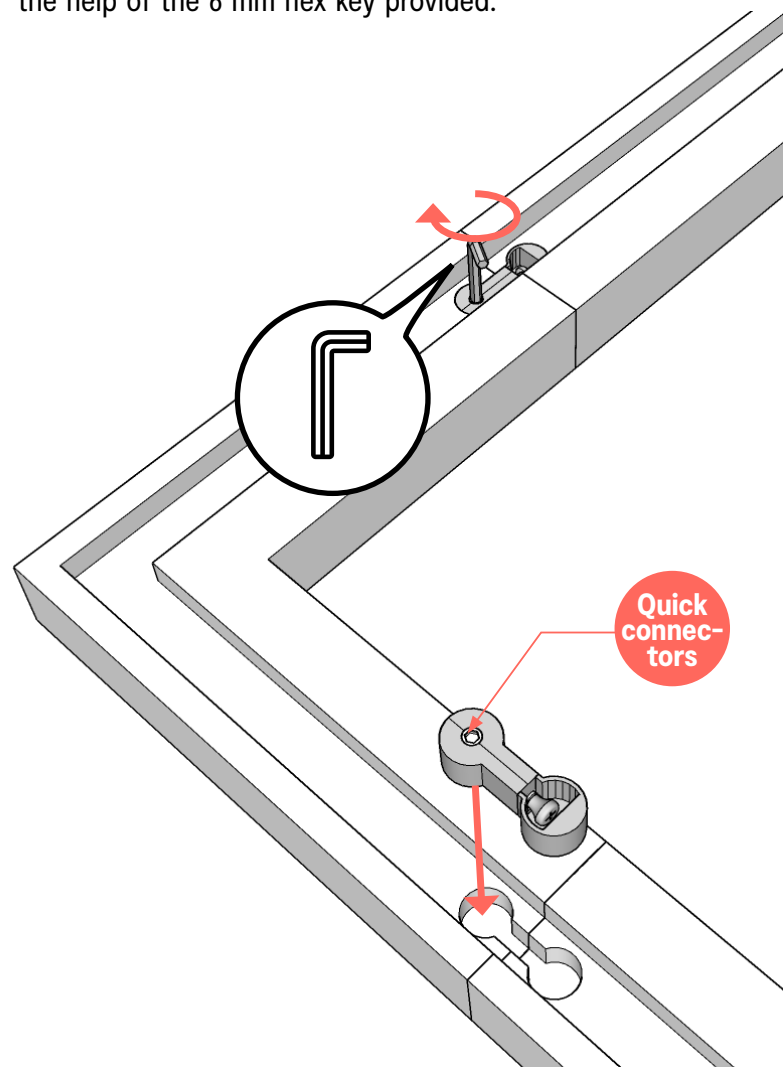
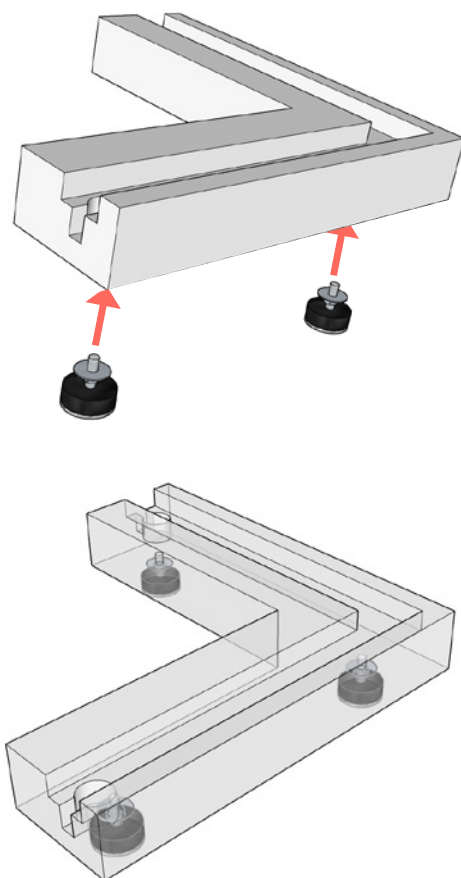
2.1 Floor setup

Floor ring:

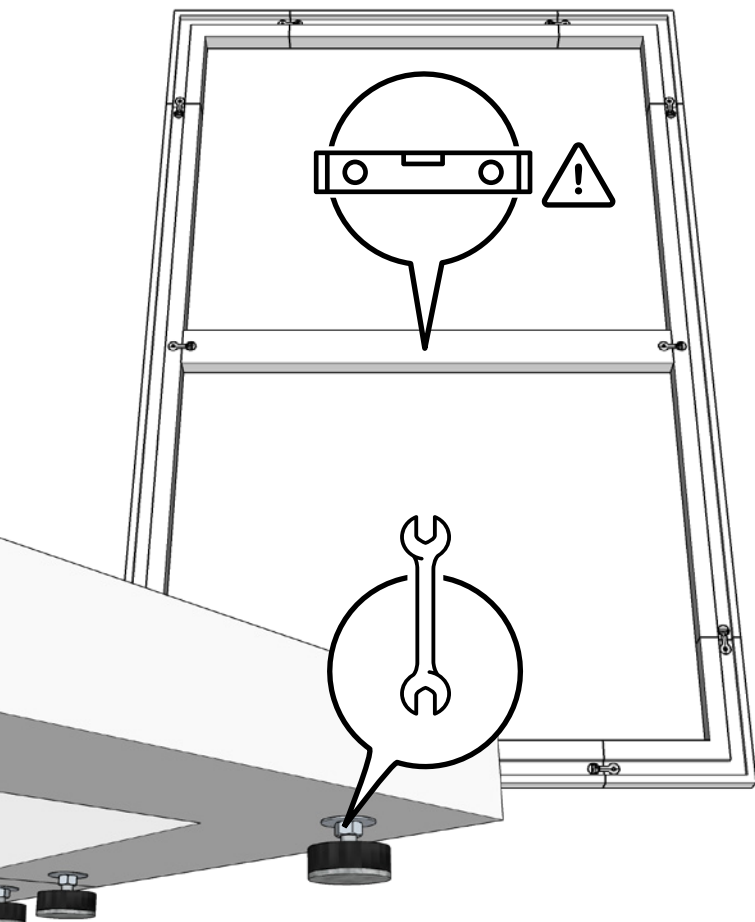
Studiobricks Triple Wall booths are equipped with **silentblocks** in the bottom of the **floor ring** pieces for optimal acoustics.

First, put them inside the holes underneath the floor ring corners and beams. Once you have placed the silent blocks it is time to assemble the floor ring. Use dowels and quick connectors provided to join and fix the pieces.

Join the parts fitting the dowels. Next, insert the connectors and tighten the screw with the help of the 6 mm hex key provided.



Assembly



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

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

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

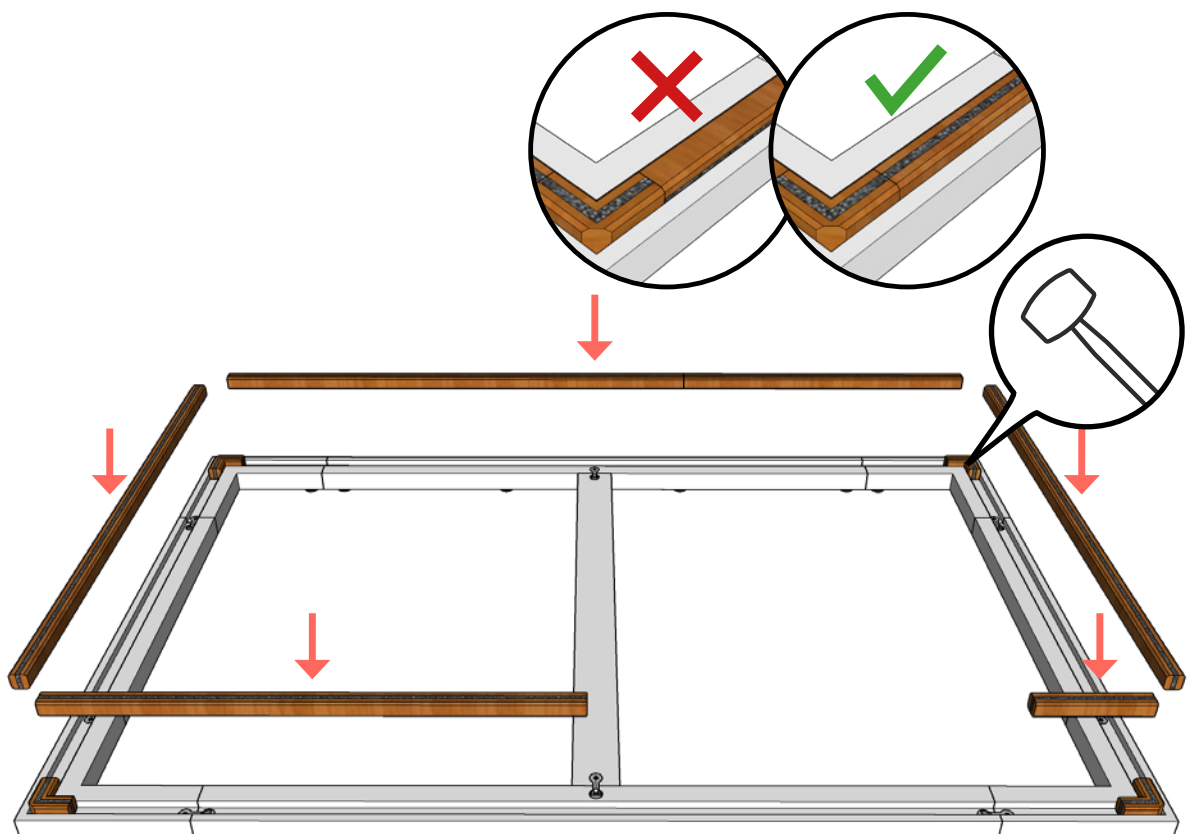
Repeat this process as many times as necessary. Any slight unevenness at this point can cause the pieces that stack on top to not fit.

Horizontal battens:

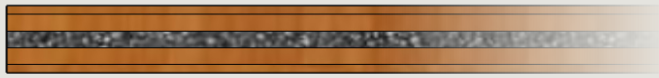
Now it's time to place the battens in the ring grooves. All battens are marked to help you place them in the correct groove. It is very important to place them in the correct direction.

There is no batten in the gap of the door as the door already has its own battens attached to its structure.

⚠ Adjust securely with a rubber mallet.

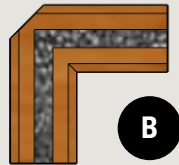


Assembly



A

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



B

The horizontal battens (A) can vary up to a length of 206 cms. 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 reversed.

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. If the booth is very close to a wall, and it is not possible to access it from the outside, start by building the wall with limited access.

⚠ We advise to tilt the pieces a bit before placing them in place. Use this tip to fit the following bricks for level A.

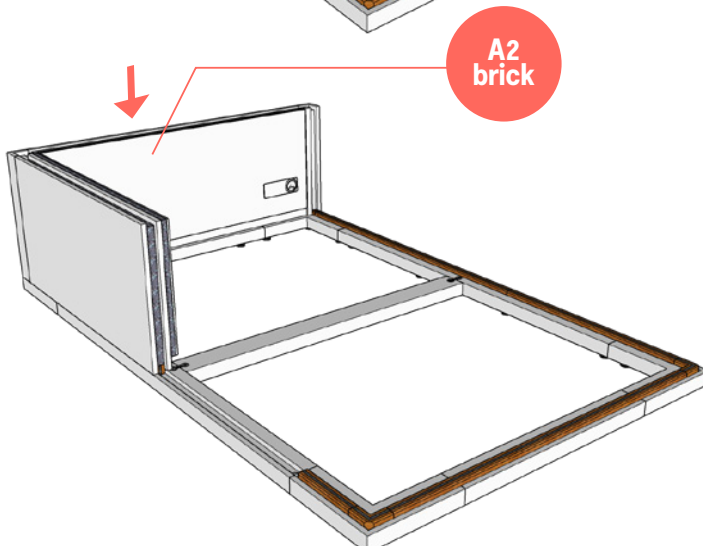
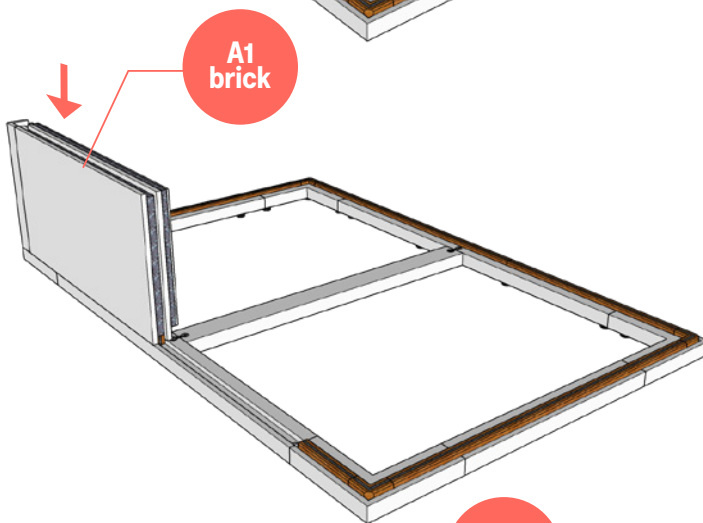
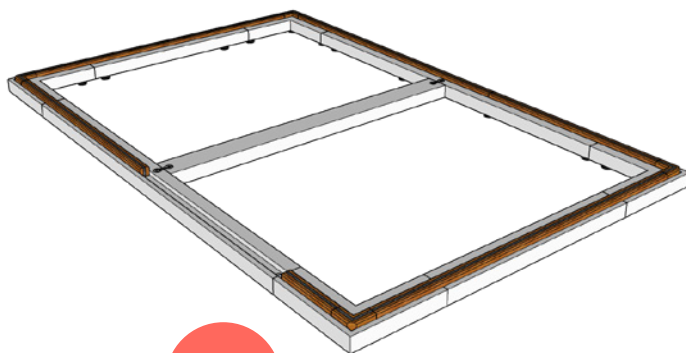
⚠ Don't be afraid of putting a lot of pressure in order to insert the brick correctly.

A1 brick:

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

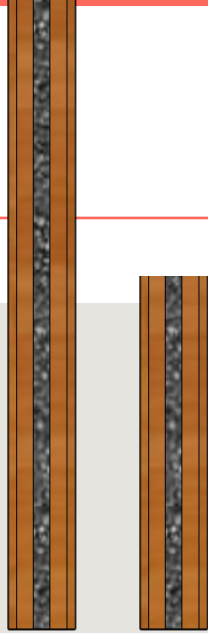
A2 brick:

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



Assembly

C



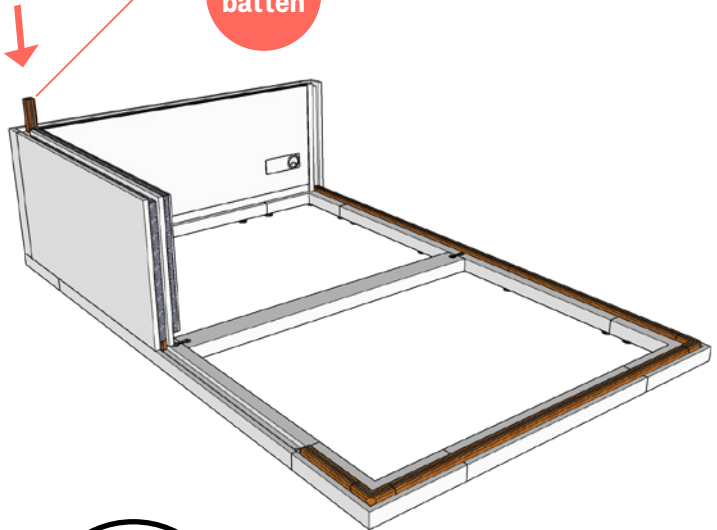
There are 2 sizes of **vertical battens (C)**:

- 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 pads provided at the end before starting the upper level.

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

Vertical batten



Vertical batten (56cm):

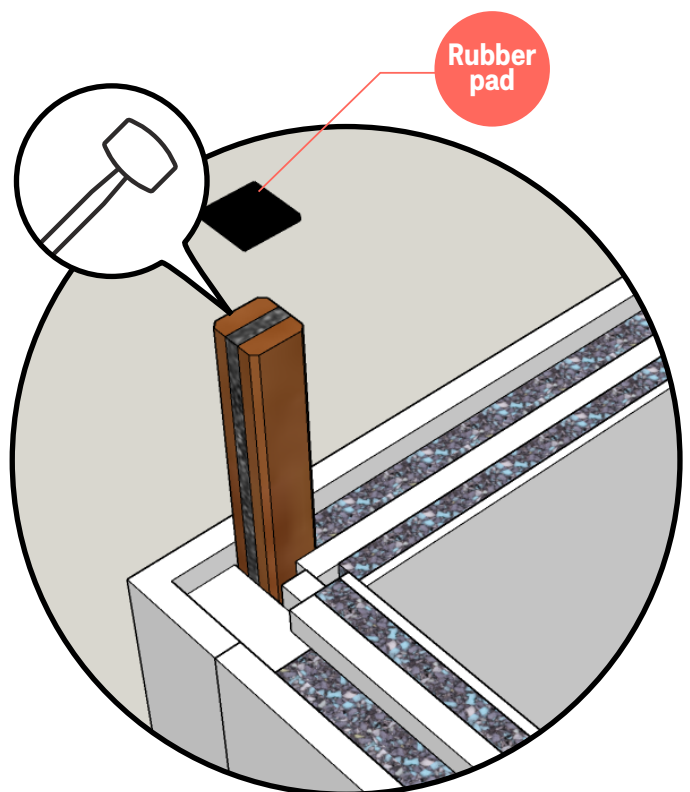
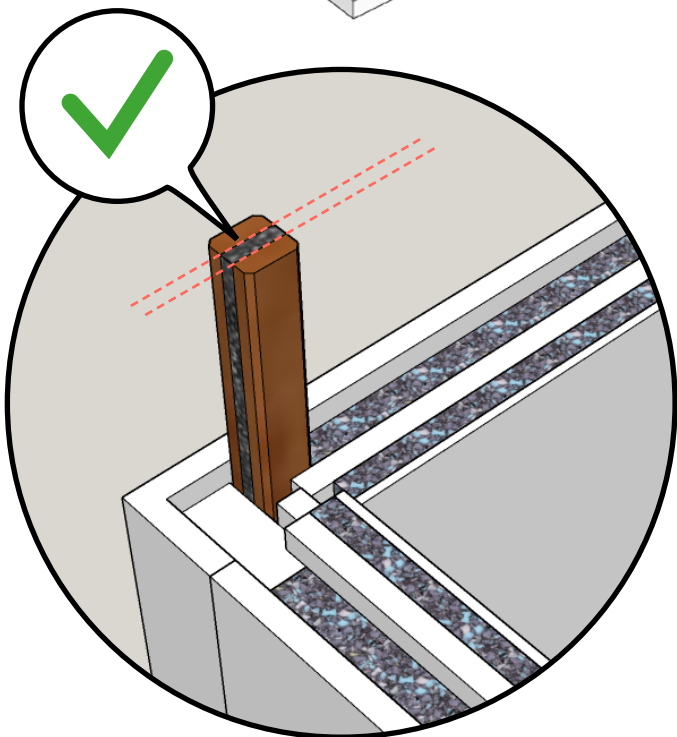
⚠ **The battens should be inserted with the middle line pointing in the same direction as the wall.**

Place the vertical battens in the junction of two bricks, as shown in the image below. Make sure to place it in the correct orientation.

⚠ **Adjust securely with a rubber mallet.**

Self-adhesive rubber pieces:

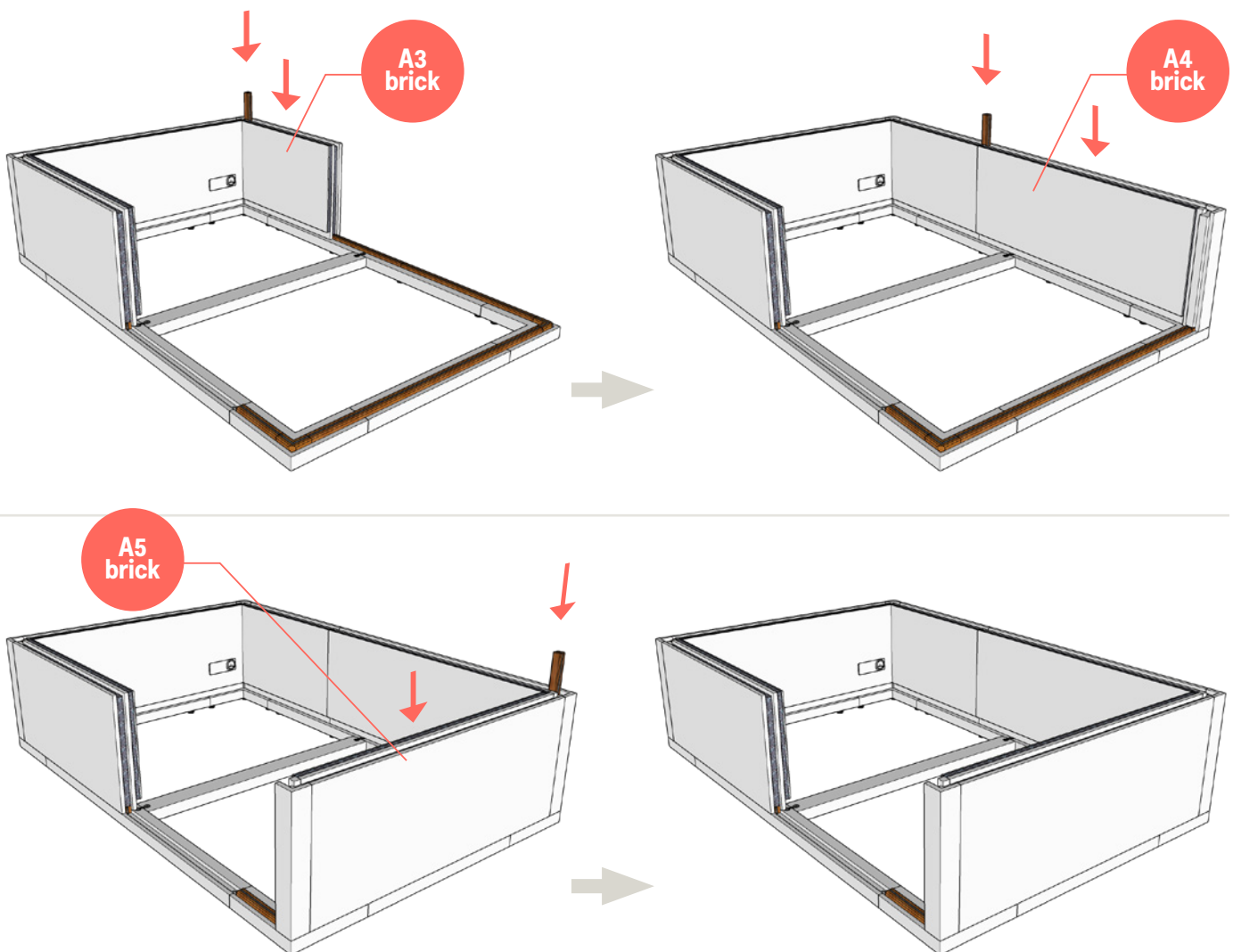
Remove the adhesive protector from the rubber pad, then place the **self-adhesive rubber pieces** covering the visible part of the batten.



Assembly

Finishing Level A:

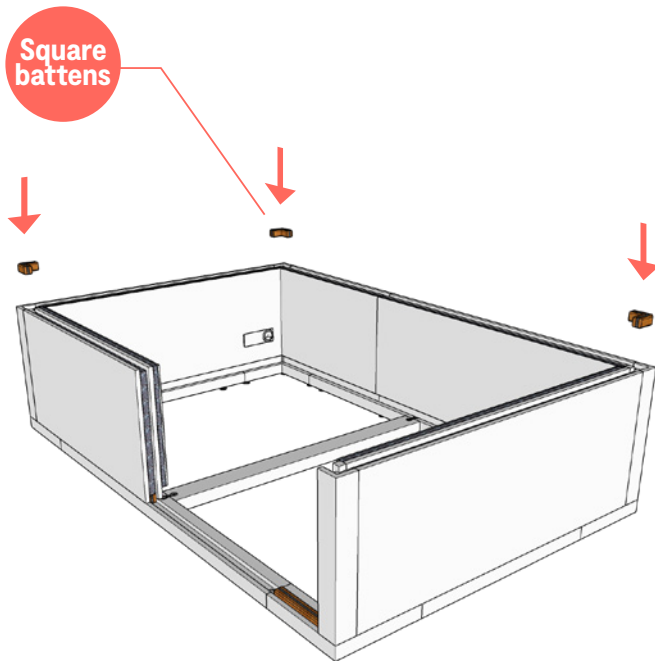
Continue to assemble the level A bricks in the same way you did the first two. About every two bricks, insert a vertical batten and paste a rubber pad at the end of it. Do not forget any junction.



Do not put a vertical batten on the side of the door. The door has its own structure.

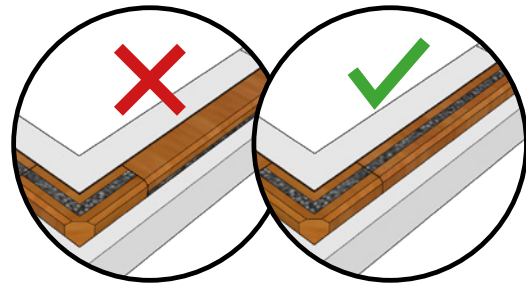
⚠ Don't forget to place the self-adhesive rubber pieces covering the visible part of the batten.

Assembly

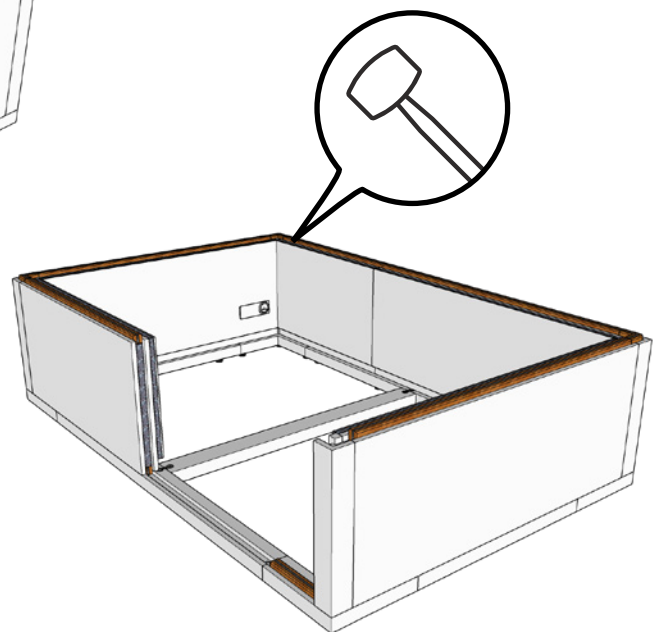
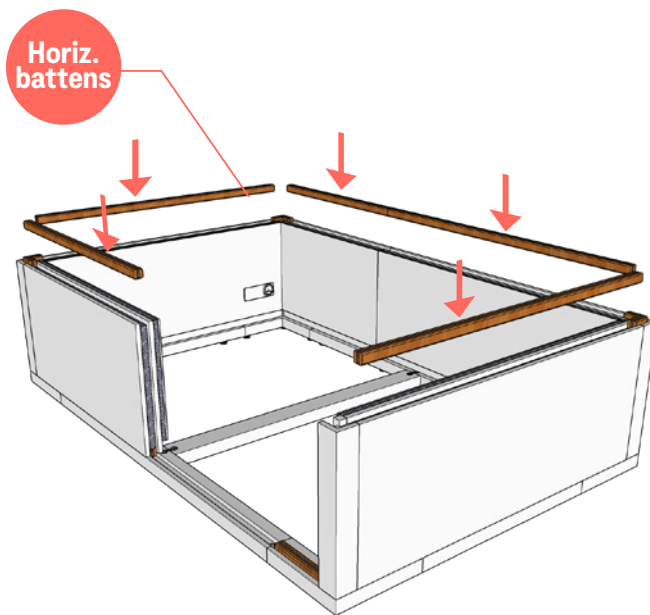


Horizontal battens:

Place the battens in the ring grooves. to help you put them in the right groove. It is very important to place them in the correct direction.



⚠ Adjust securely with a rubber mallet.

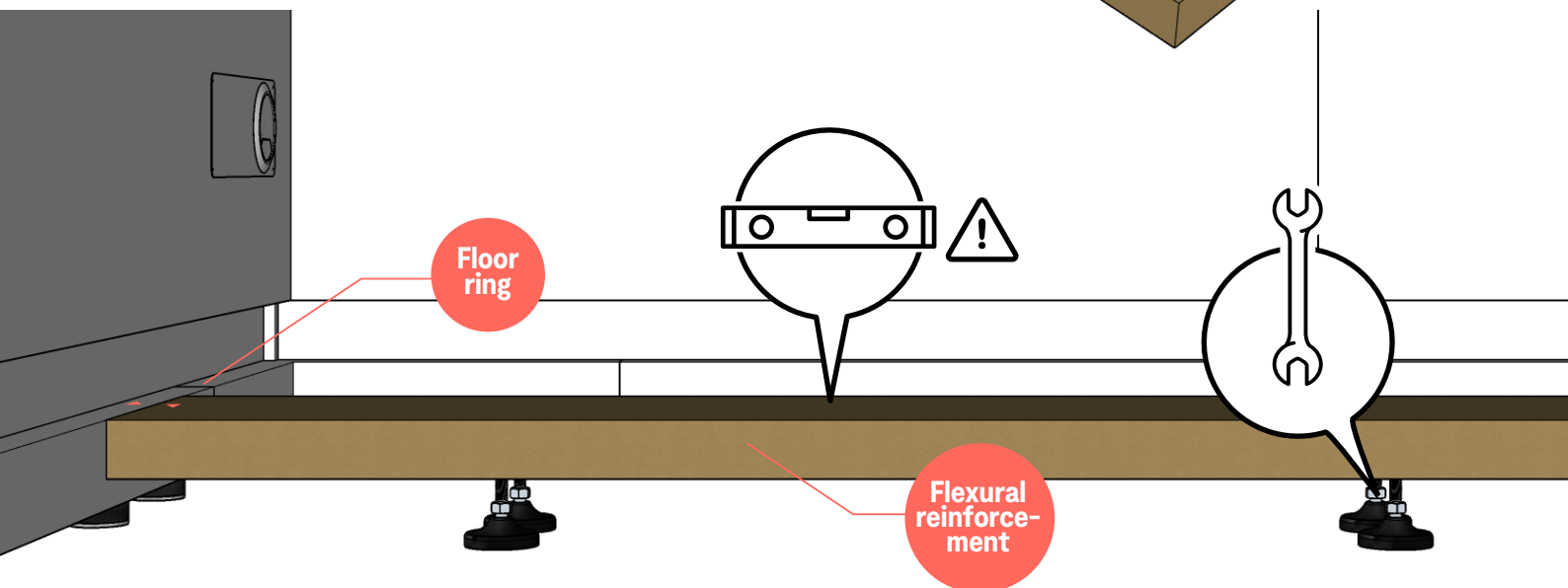
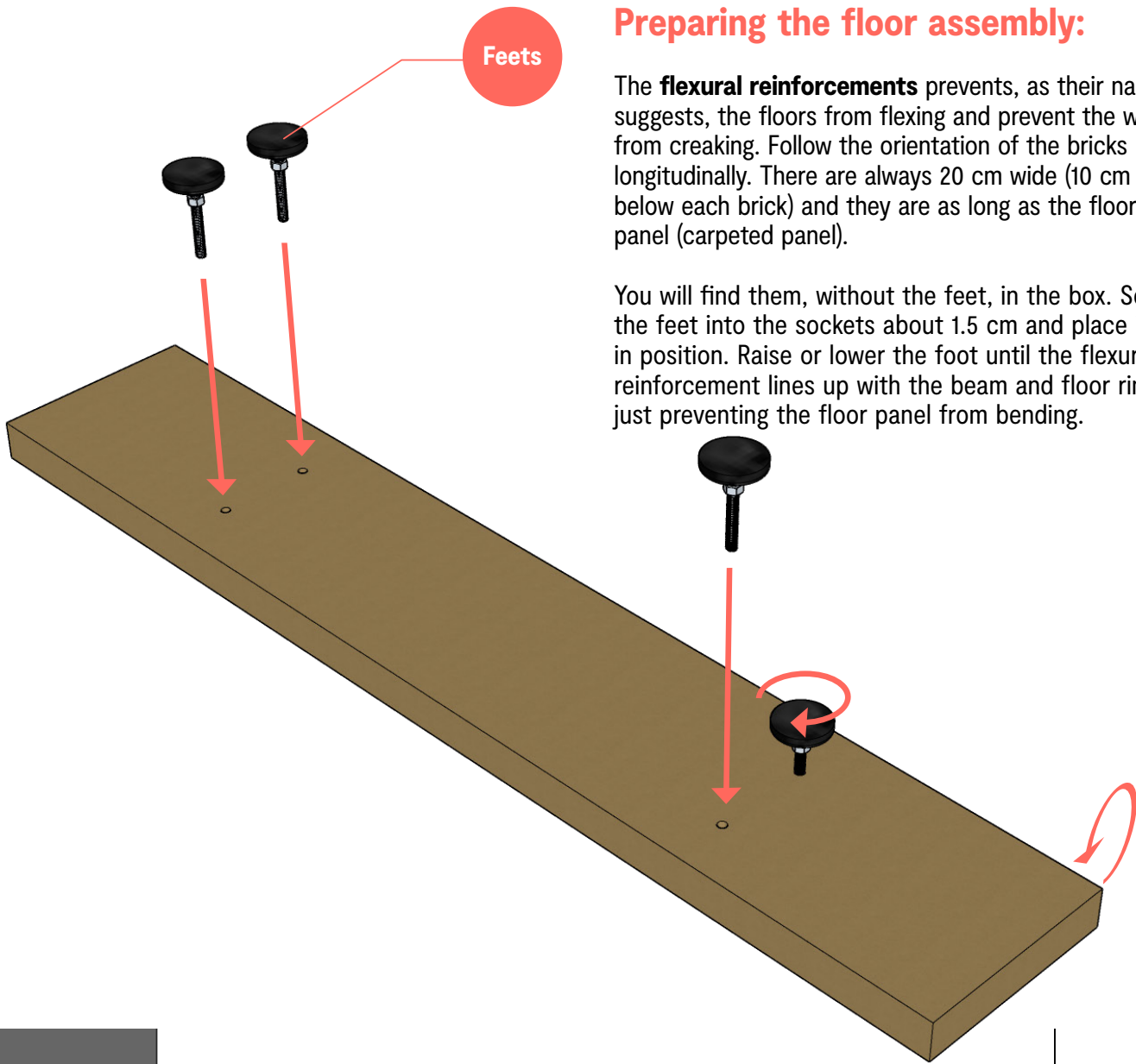


Assembly

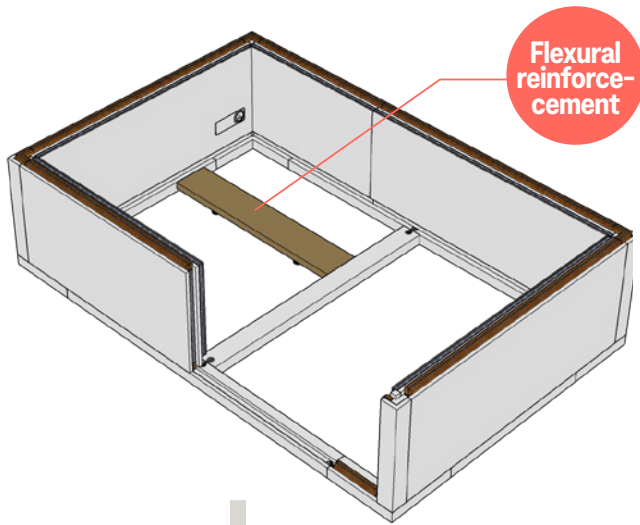
Preparing the floor assembly:

The **flexural reinforcements** prevents, as their name suggests, the floors from flexing and prevent the wood from creaking. Follow the orientation of the bricks longitudinally. There are always 20 cm wide (10 cm below each brick) and they are as long as the floor panel (carpeted panel).

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 until the flexural reinforcement lines up with the beam and floor ring, just preventing the floor panel from bending.



Assembly

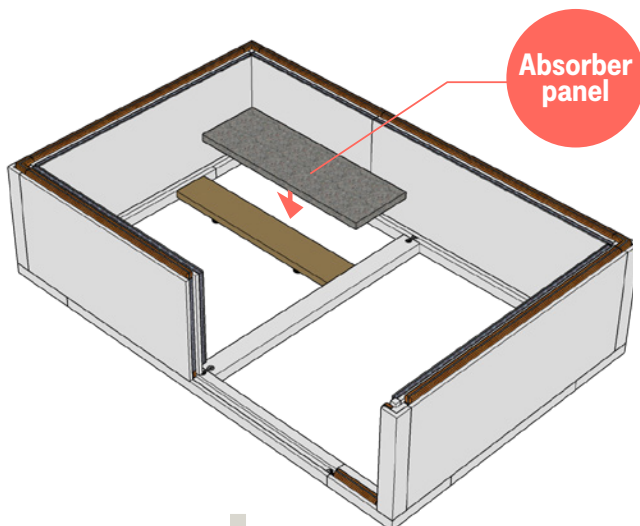


Floor assembly:

There is a **flexural reinforcement** every two floor pieces (carpeted panels). The number of reinforcements will be determined by the size of the booth, the number of beams, and the number of floor pieces. Its position is indicated by stickers on the ring and the beam.

Between each reinforcement, we place an **absorbent panel** directly on the ground.

The **carpeted panels** rest on the flexural reinforcements, the floor ring, and the beam (if there is a beam).

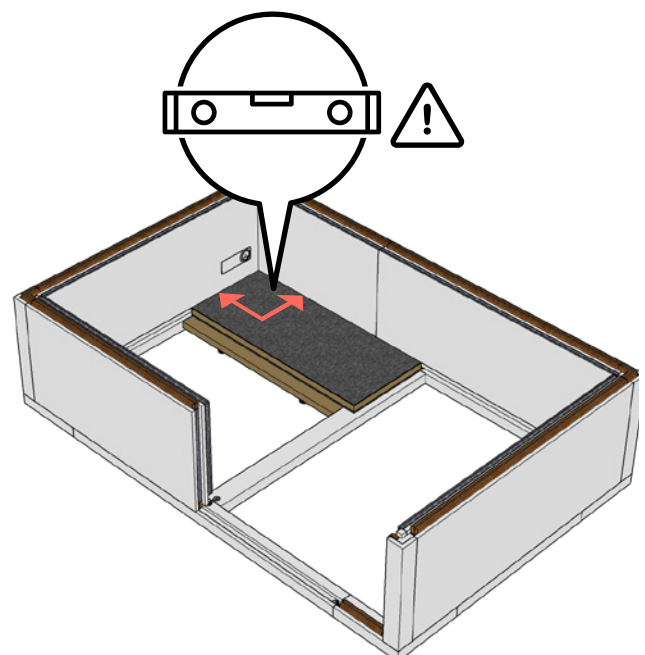
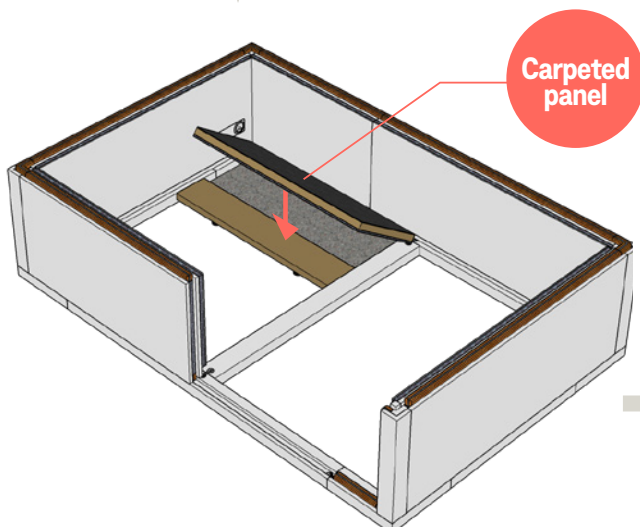


1. Put the flexural reinforcement and level it.
2. Place the absorber panel on the ground.
3. Place the carpeted panel.
4. Fit it in the gap at the foot of the bricks of level A.

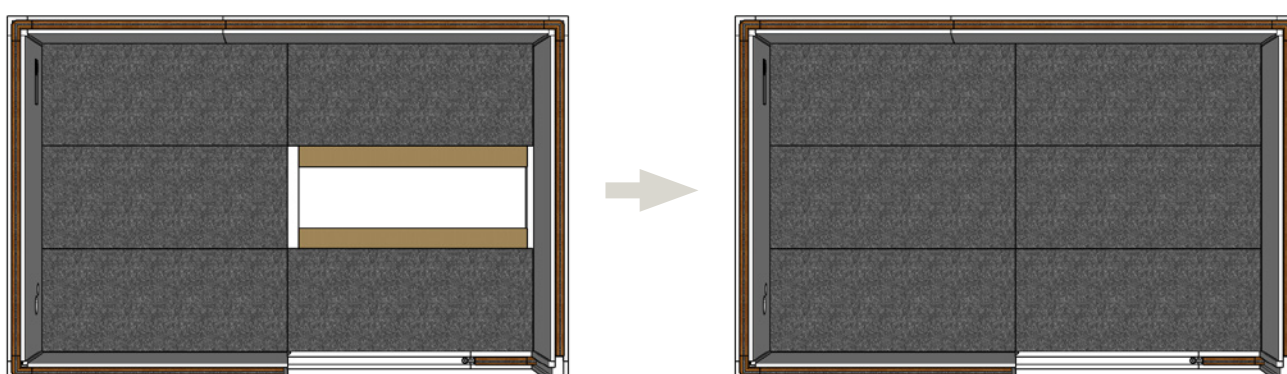
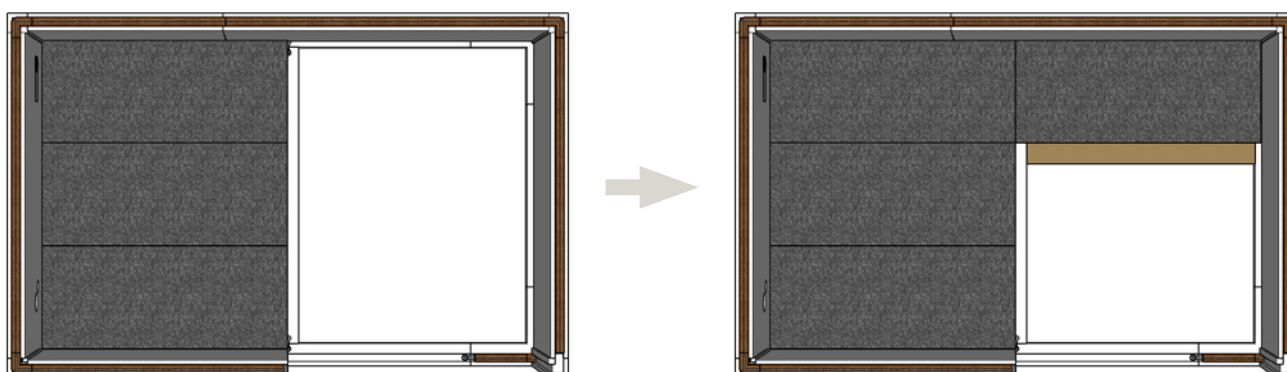
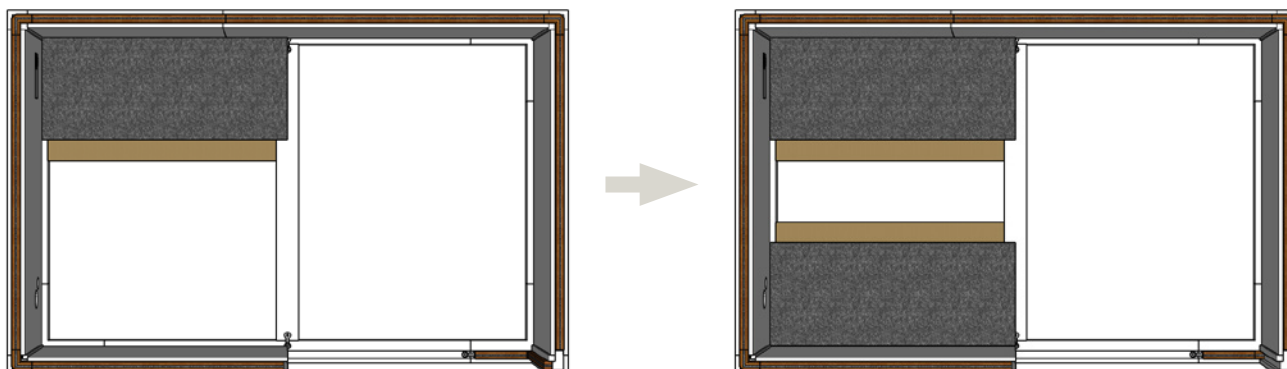
⚠ Start by placing the carpeted panels in the corners and end with the central one in the same row.

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

⚠ Level the booth again.



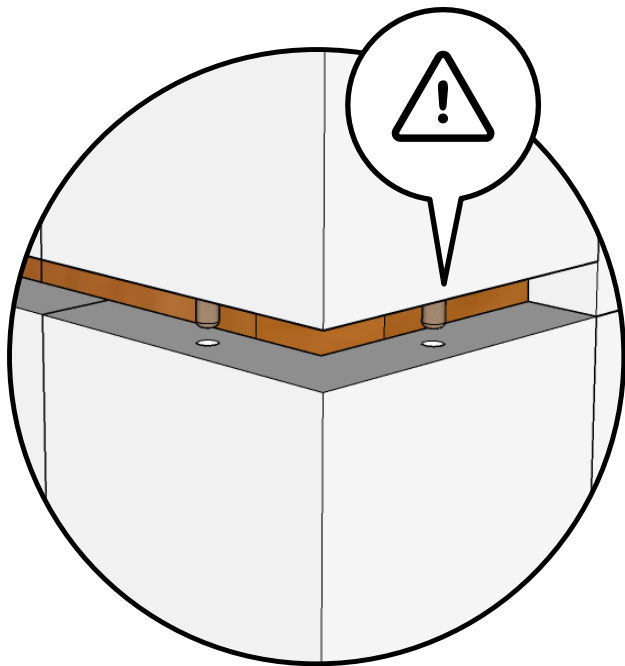
Assembly



⚠ Remember to place each of the ground absorbents for each of the carpeted panels.

⚠ Fit the carpeted panels in the gap at the foot of the bricks of level A.

Assembly

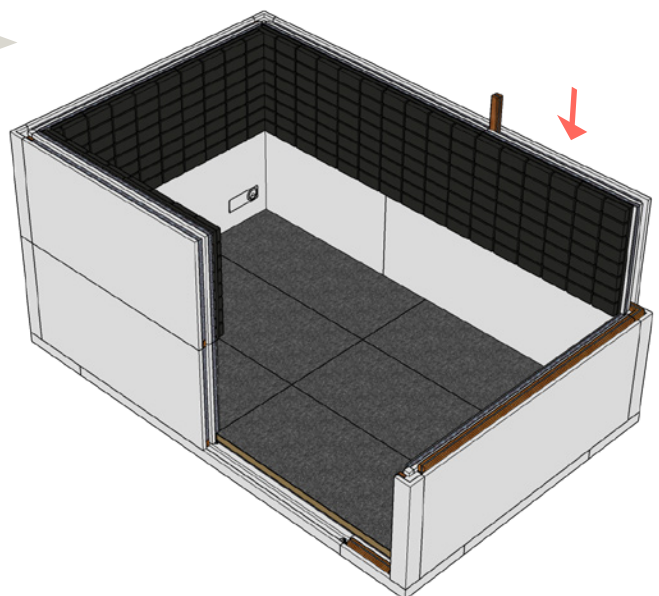
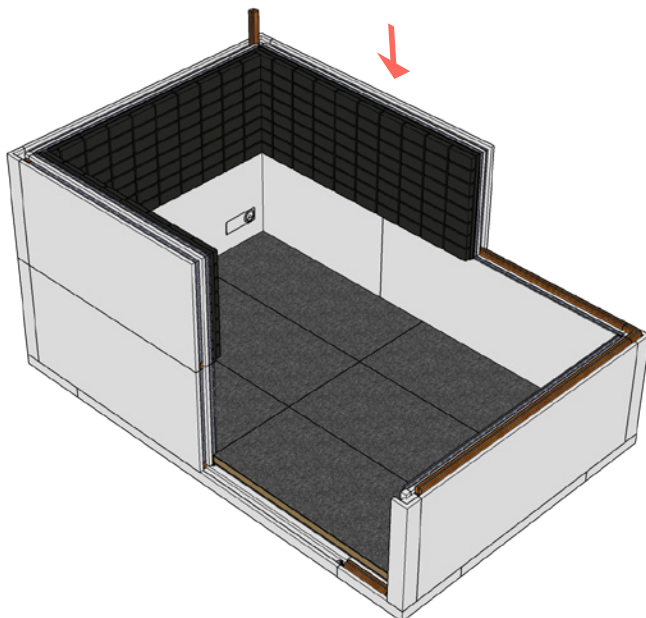
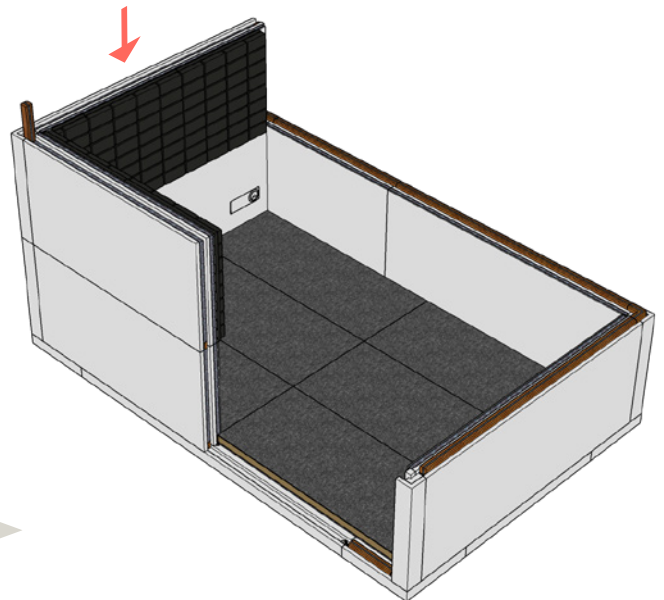
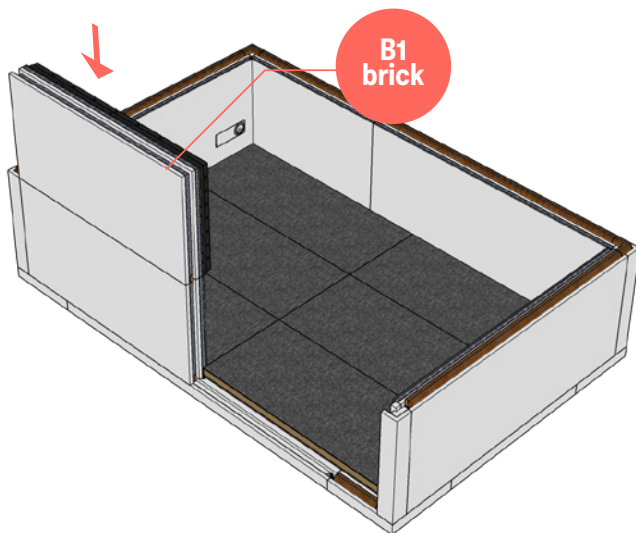


Level B:

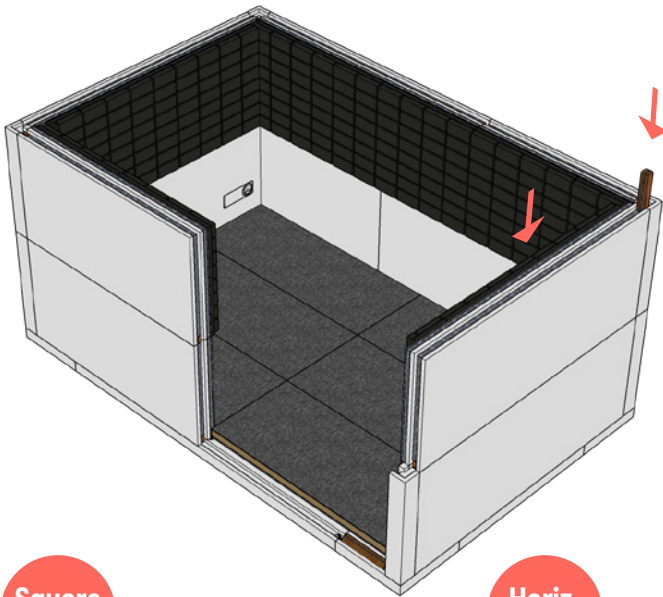
⚠ Make sure the dowels fit perfectly. On this level it is very important to fit the brick completely straight. Do not force the bricks.

Start with the **B1** 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 on the vertical battens.



Assembly



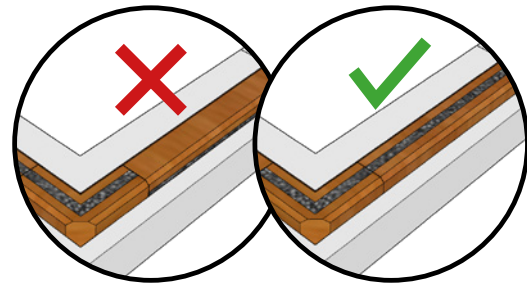
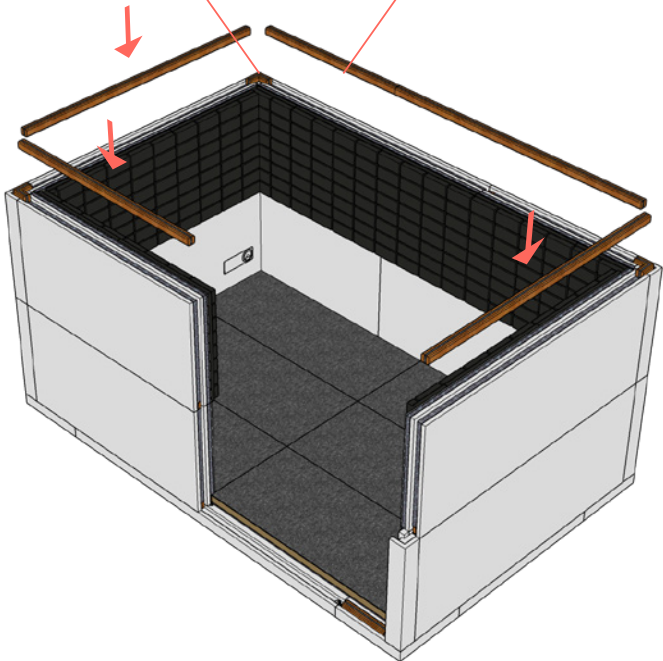
Levels A and B are now completed, except for the last two bricks before the door. If the last brick of floor B makes maneuvering difficult, you can put it after mounting the door.

Horizontal battens:

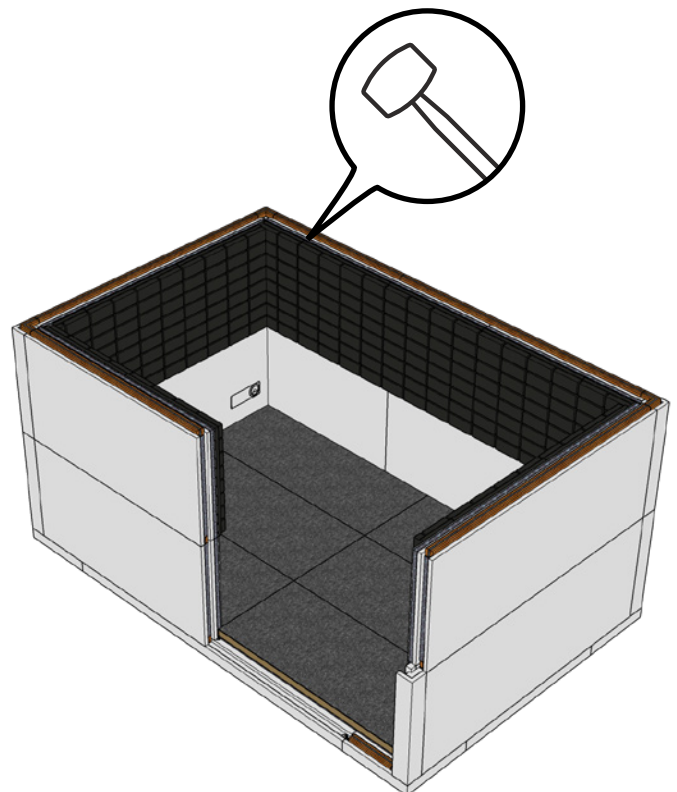
Place the battens in the ring grooves. All marked to make placing them easy. It is very important to place them in the correct direction.

Square battens

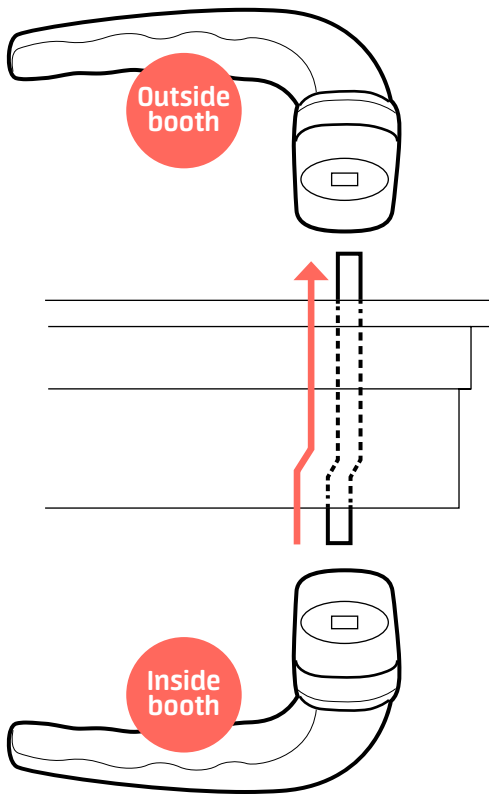
Horiz. battens



⚠ Adjust securely with a rubber mallet.



Assembly



⚠ Assemble the inner handle first

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:

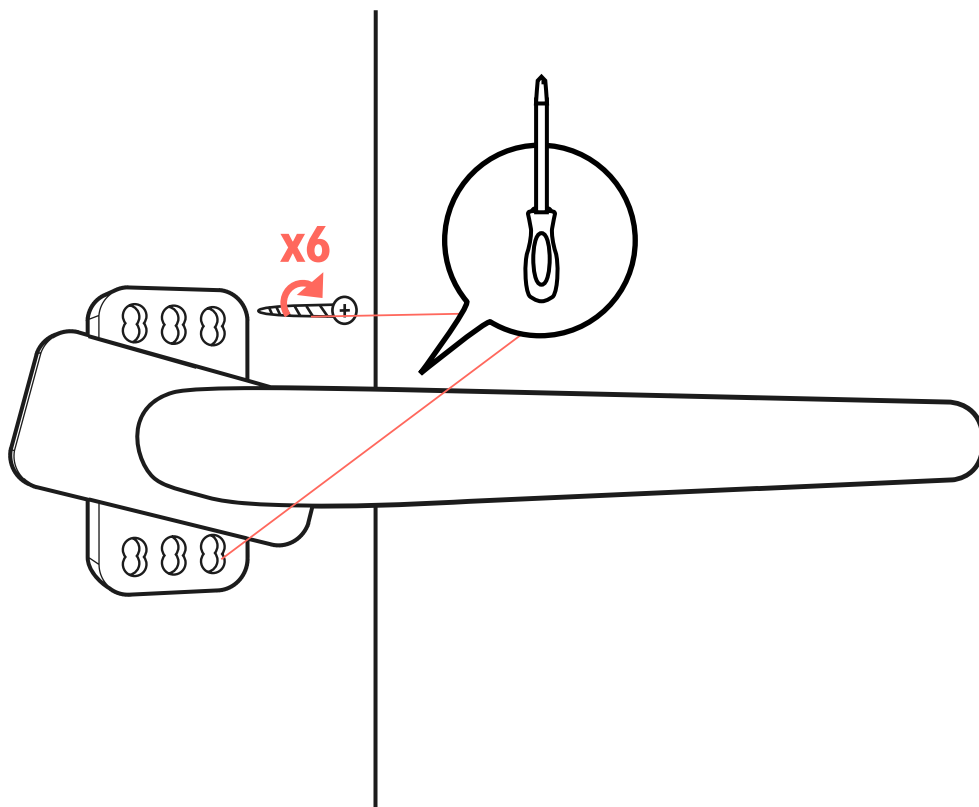
⚠ We recommend that you use a manual screwdriver to avoid possible scratches on the door frame.

⚠ Assemble the inner handle first

The short side of the metal bar should be facing inward as seen in the picture.

Once the interior handle is attached, it can now be screwed into the door frame. Place the screws in the ends of the holes, both the top 3 and the bottom 3.

Now you just have to place the handle on the outside side

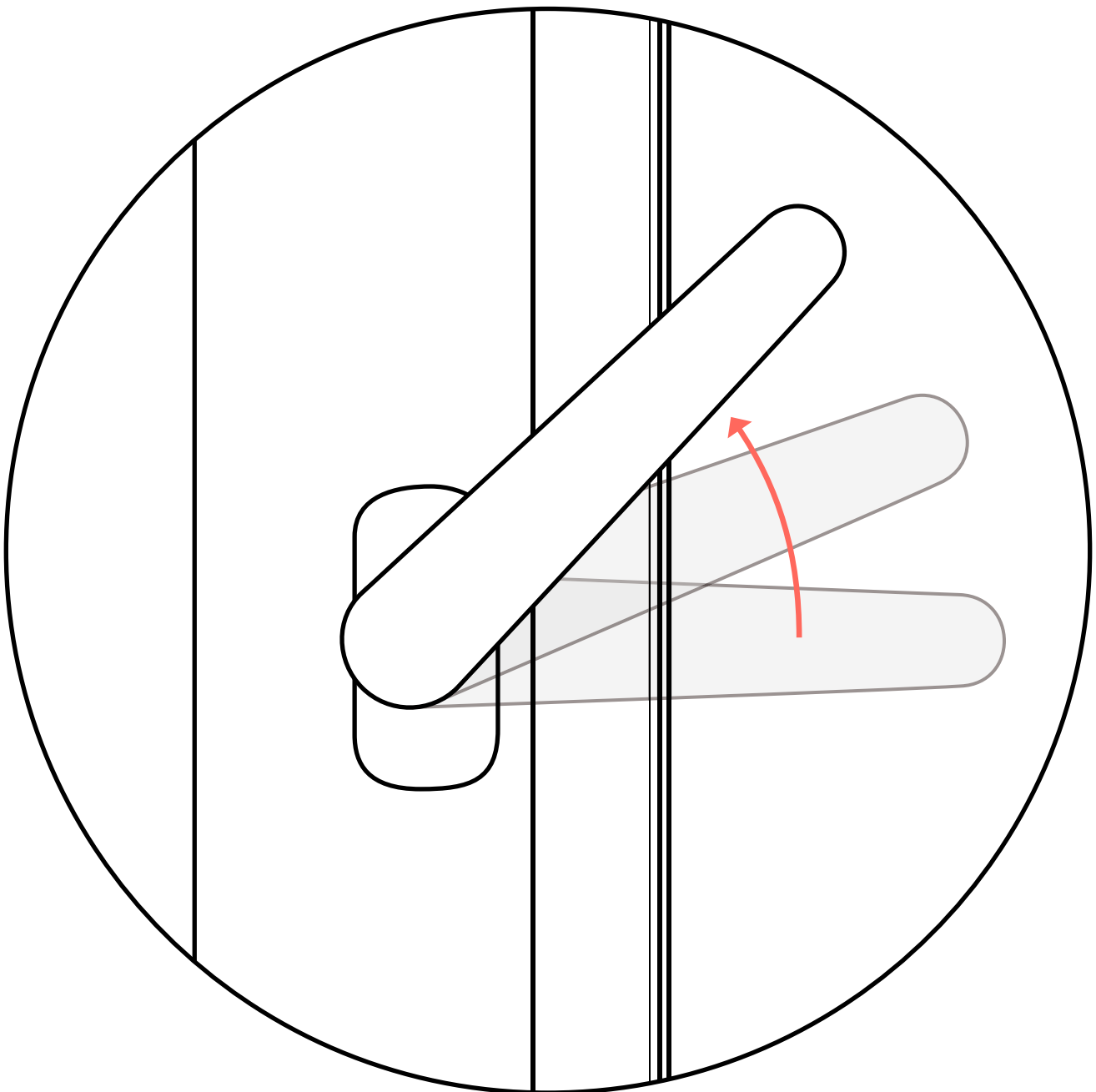


Assembly

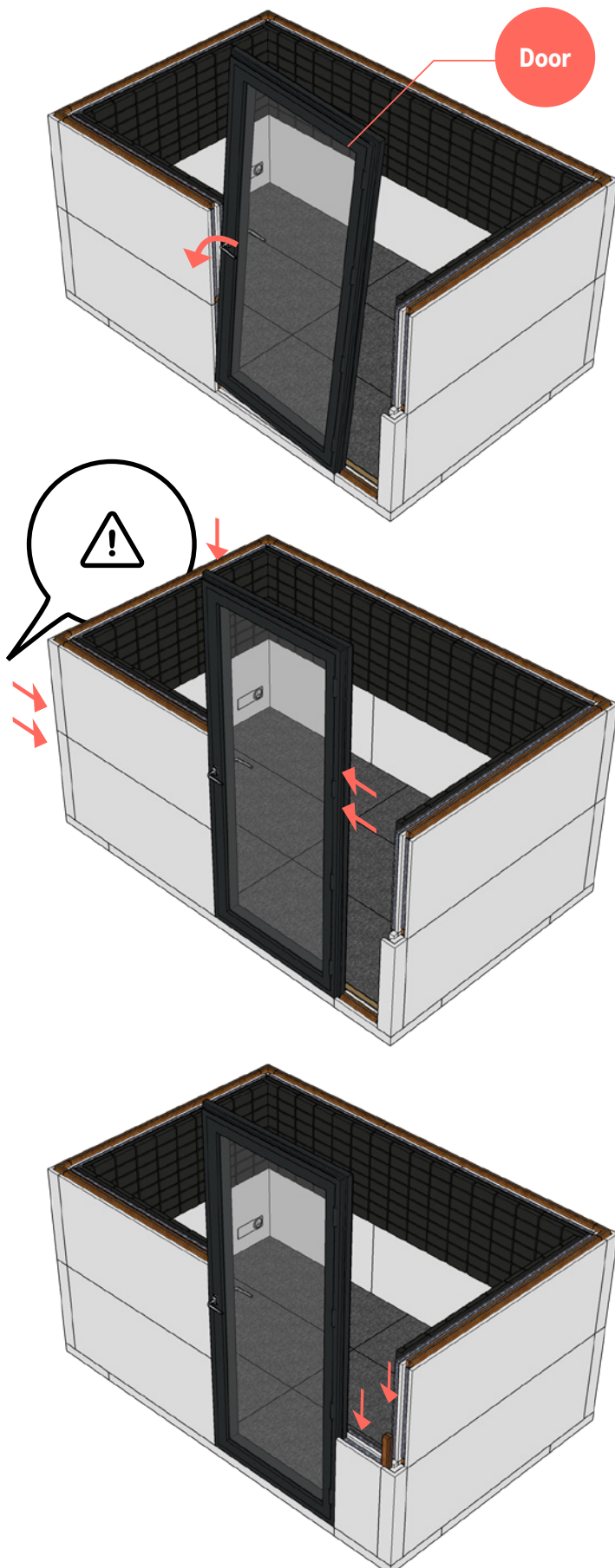
Acoustic sealing:

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

⚠ If you don't, the key won't turn (in case you have a key-locked door).



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.

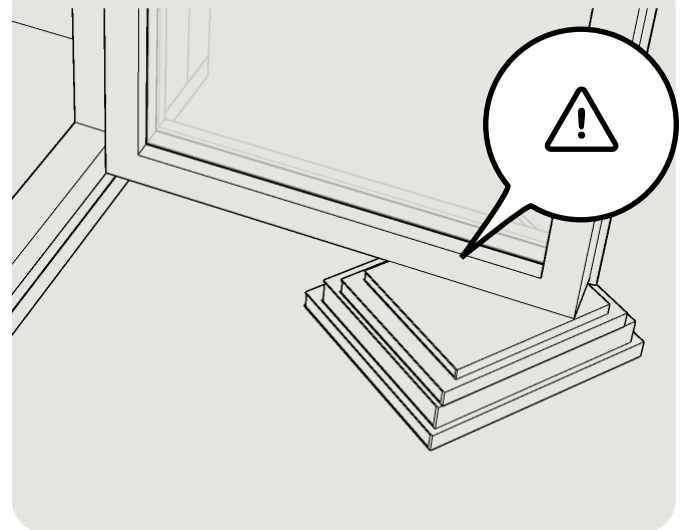
The next step is to place the **door**.

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 booth is unfinished.**

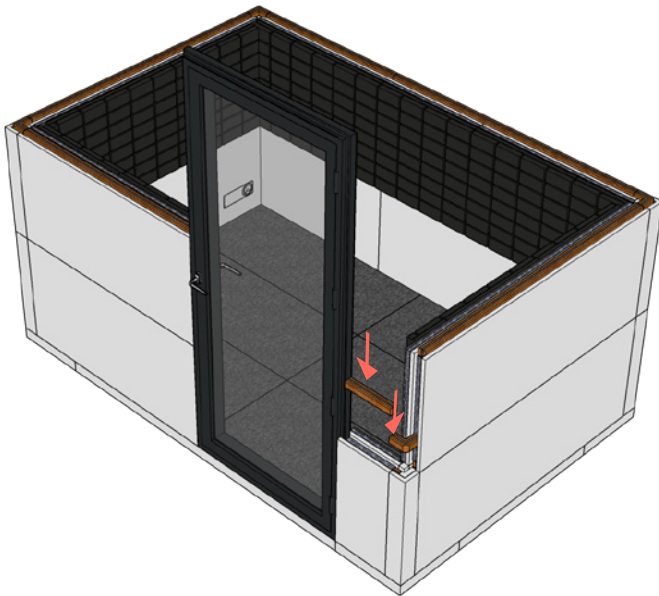
⚠️ **If there is no other option than to open the door during assembling, open it very carefully and level the weight of the door leaf by shimming it with an object that is about 9 cms tall. Some books, for example.**



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 on the vertical battens.**

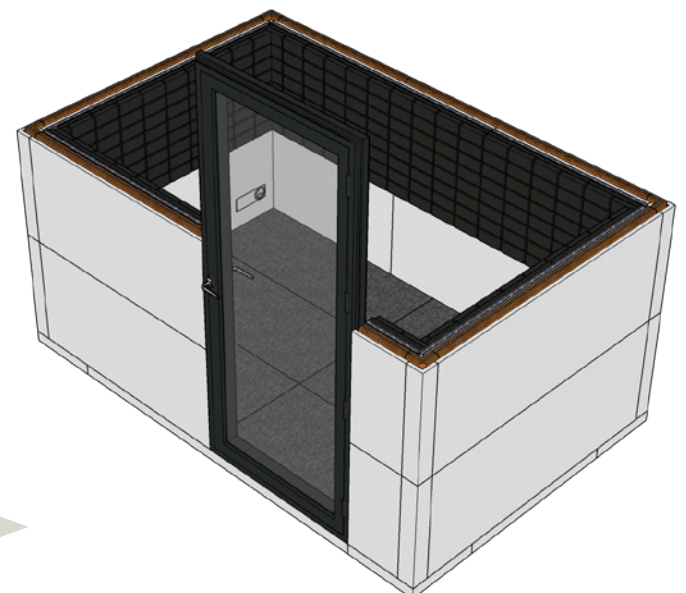
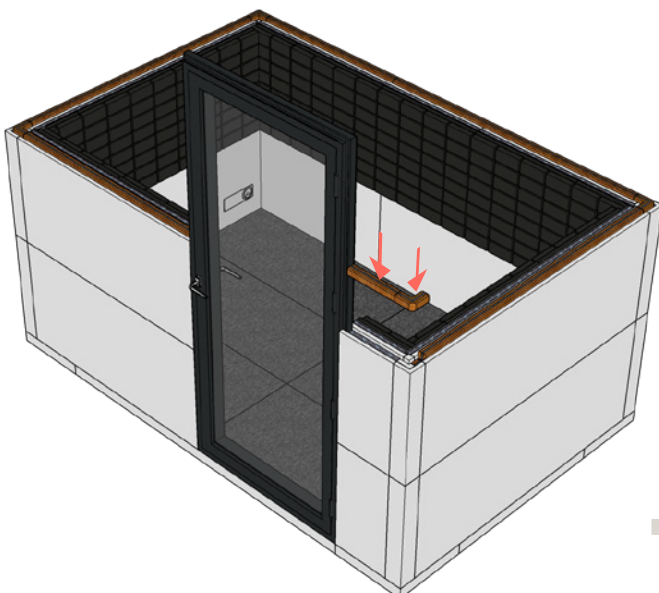
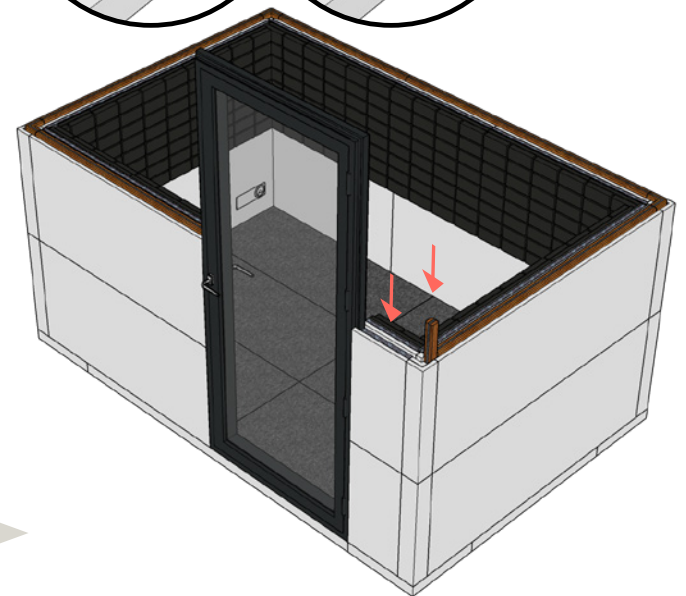
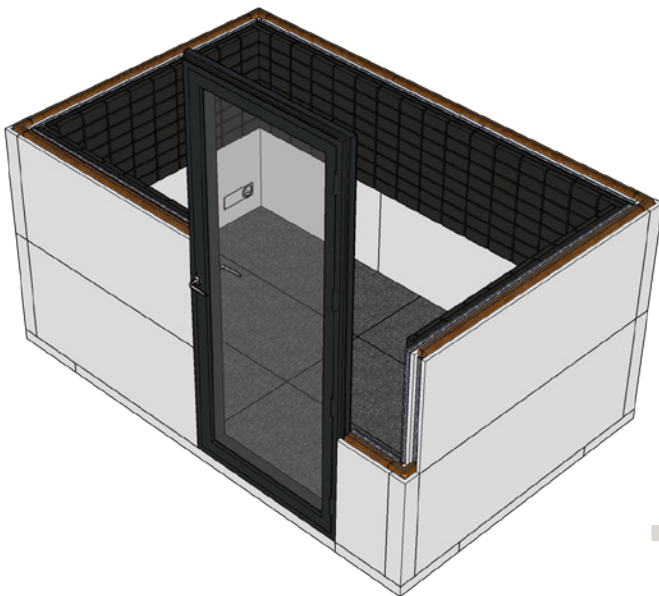
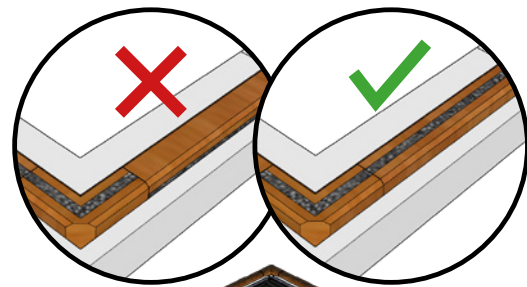
Assembly



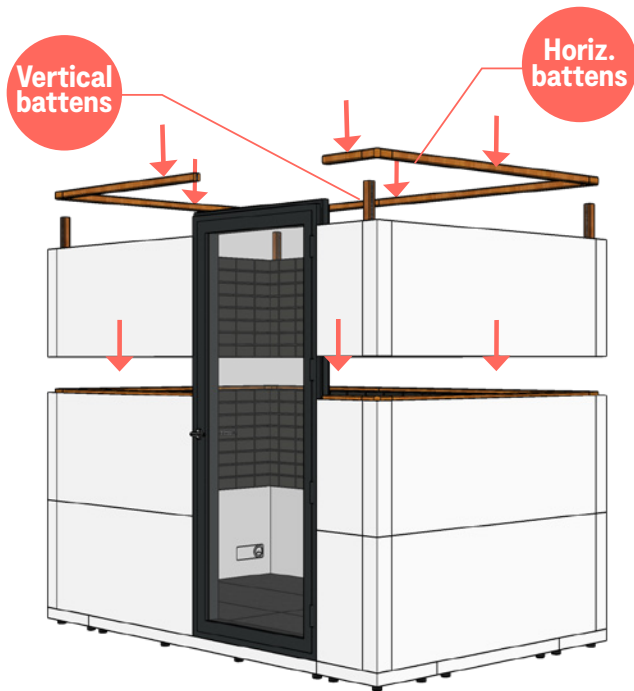
Place the **horizontal battens** in the ring grooves and complete level B with the last brick, the vertical batten, and the adhesive rubber piece.

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

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



Assembly



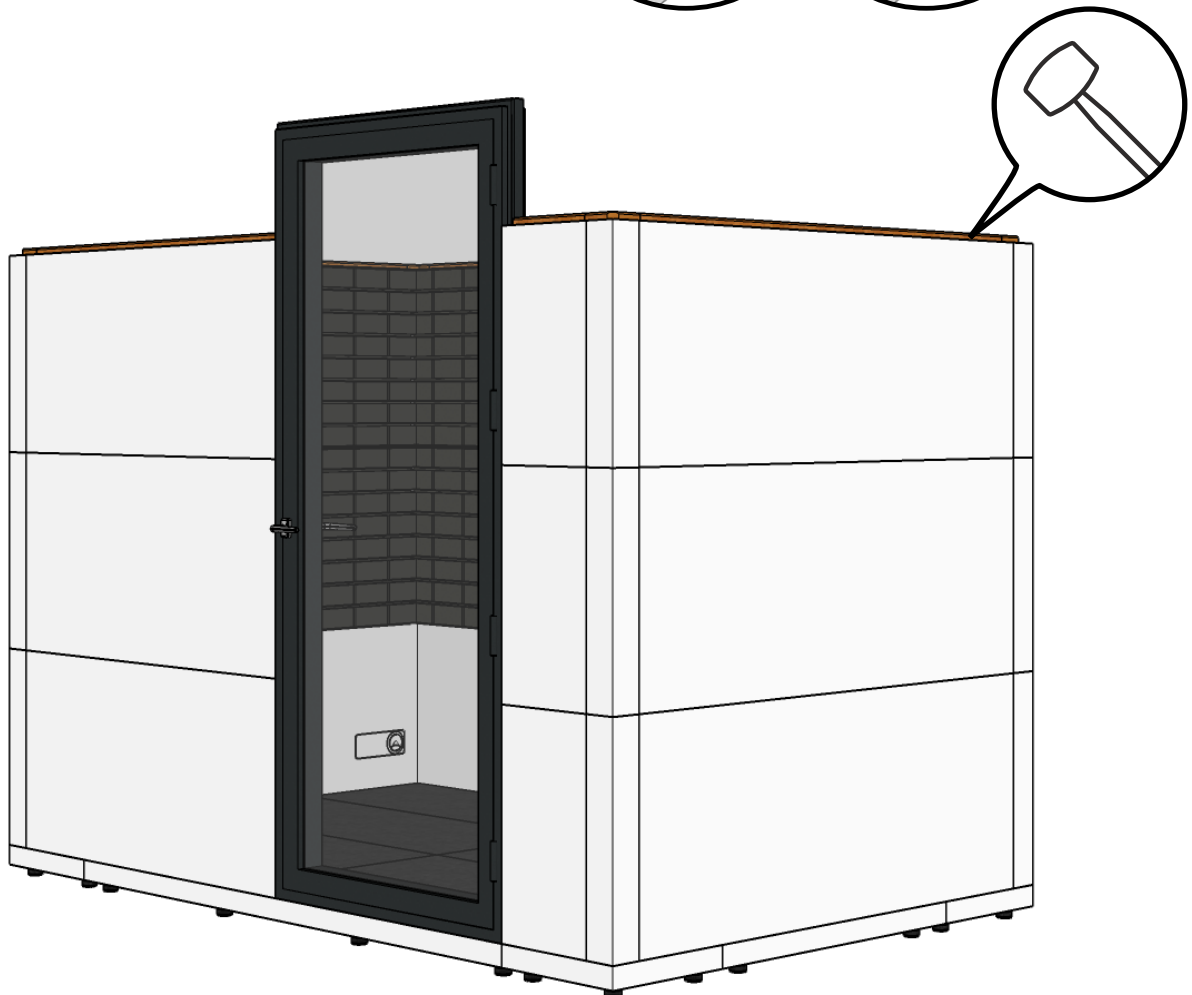
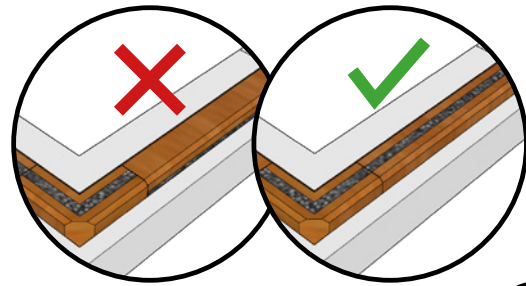
Level C:

⚠ **Make sure the dowels fit perfectly.**

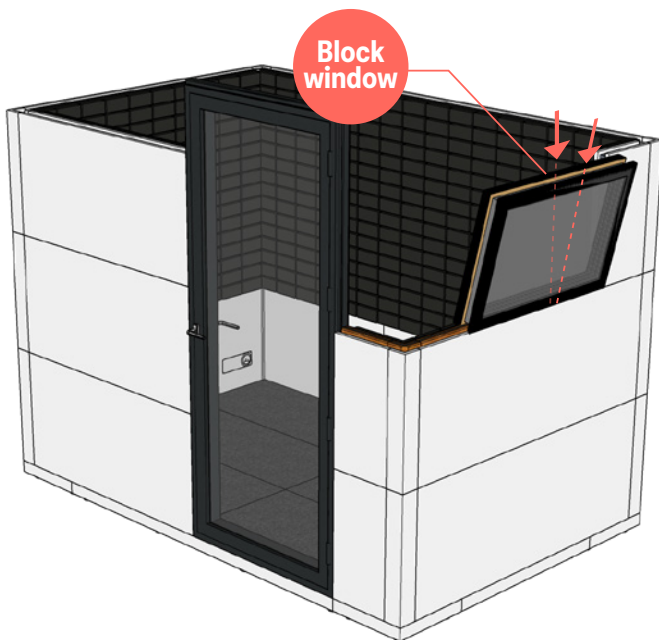
Start with **C1** on the left side of the door and continue with the next ones remembering to put in the vertical battens in between.

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

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



Assembly



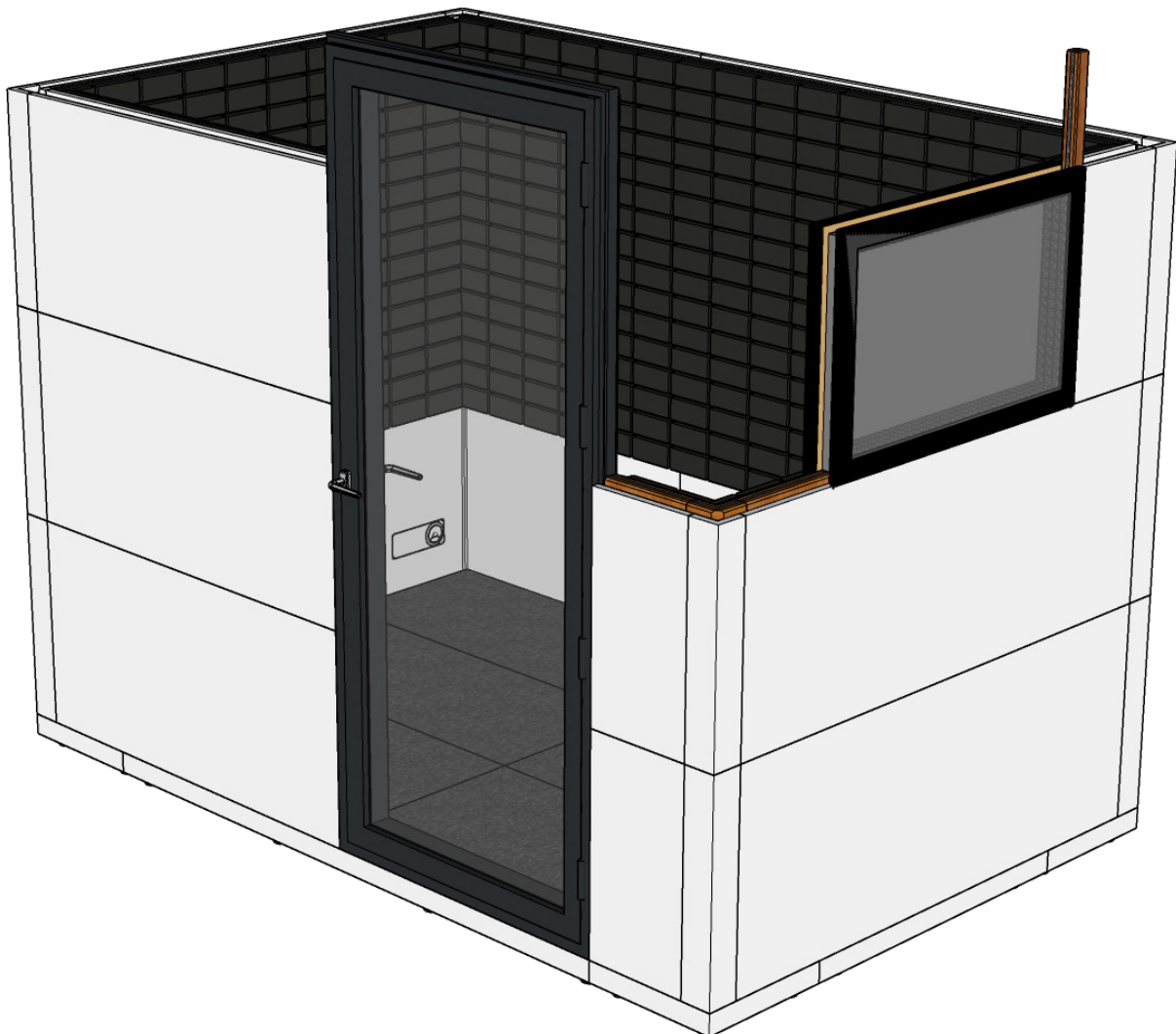
Block windows:

⚠️ **As windows are heavy and fragile, we recommend assistance for this step.**

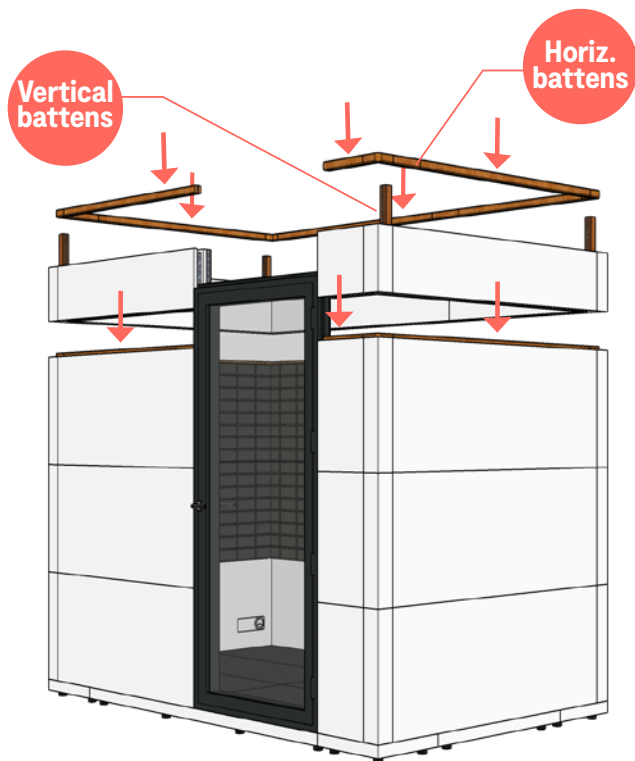
If your booth has a **block window**, you should know that its installation is simple since it has the same structure and is assembled like a brick. So, gently angle the window to make it fit better. Make sure the window fits snugly to the bricks surrounding it for optimal insulation.

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 on the vertical battens.**



Assembly



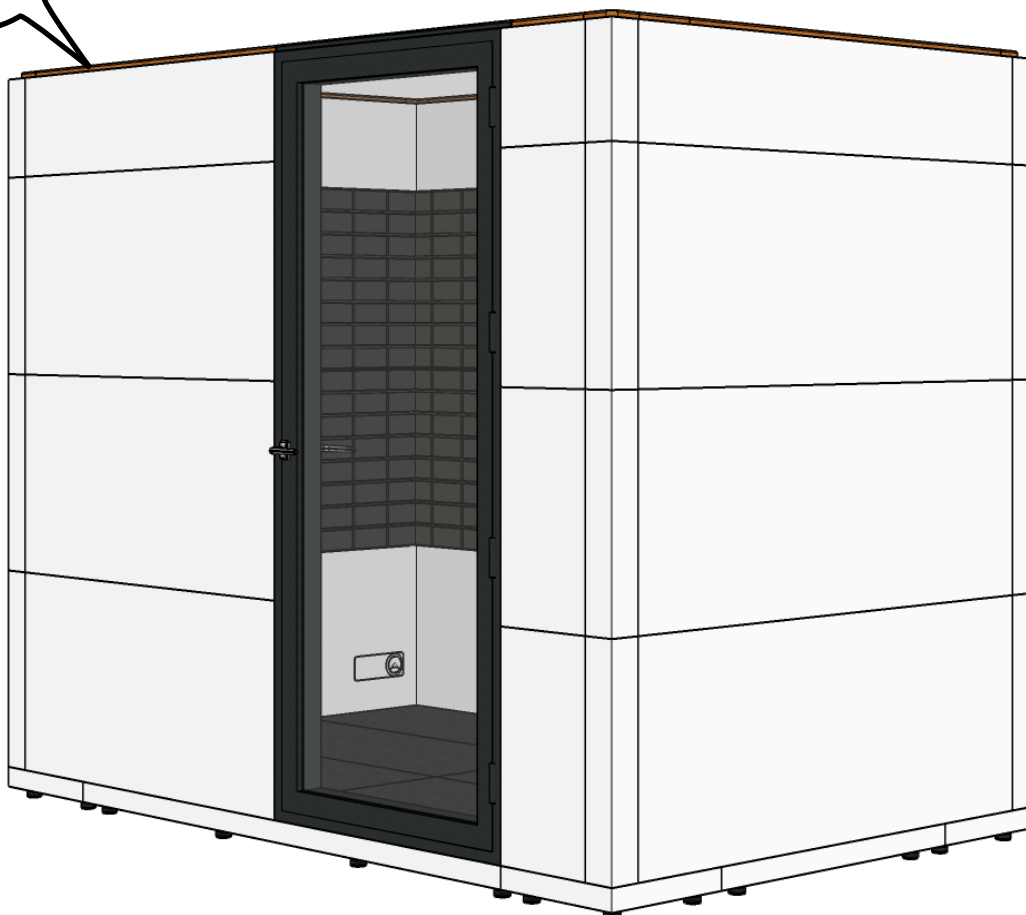
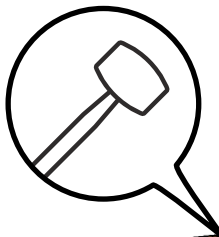
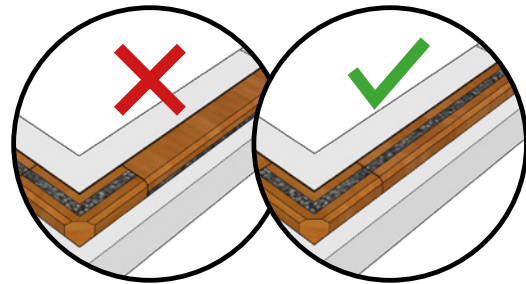
Level D:

⚠ Make sure dowels fit perfectly.

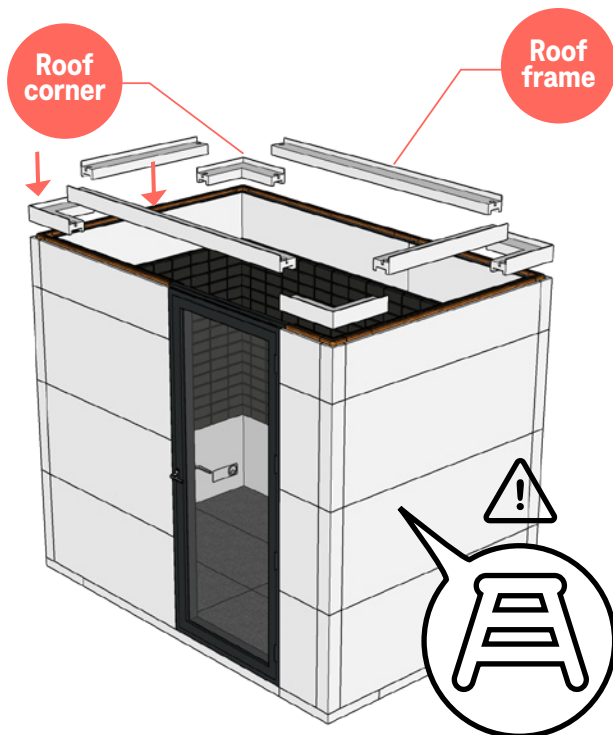
Start with **D1** on the left side of the door and continue with the next ones remembering to put in the vertical battens in between.

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

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



Assembly



Roof ring:

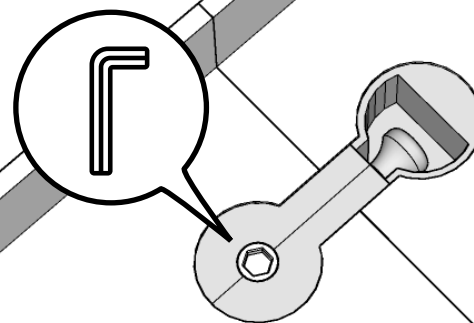
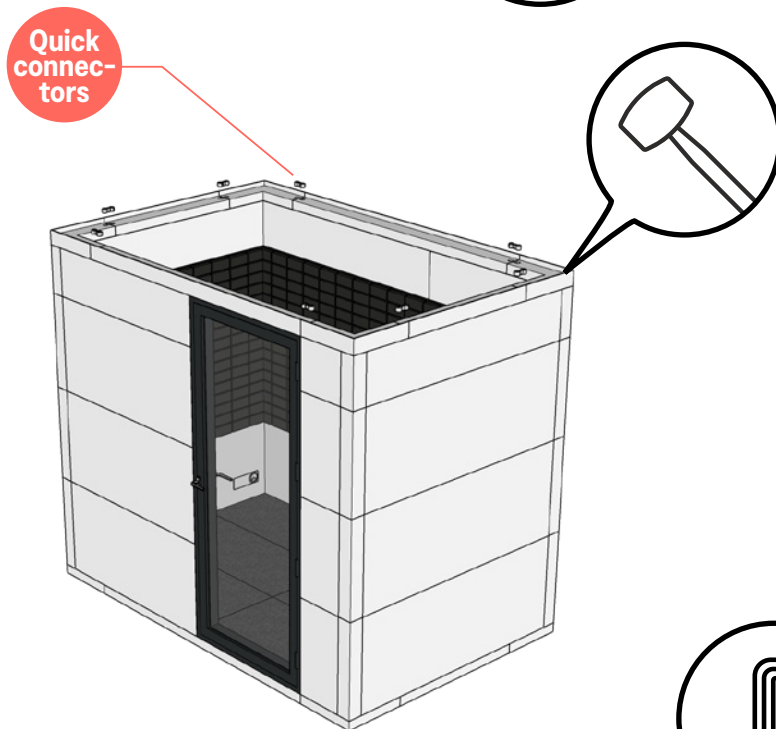
⚠ Use a stepladder to reach the roof ring. Make sure to be safe and don't take any risks.

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

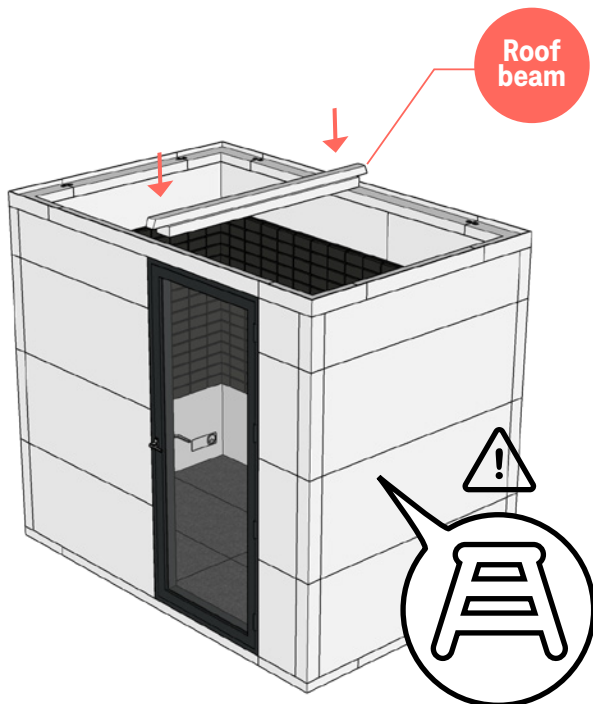
⚠ **Make sure the dowels fit perfectly.**

Insert the **quick connectors** and tighten the screw with the help of the 6 mm hex key provided.

Advance to the opposite corner placing the adjacent beams.



Assembly



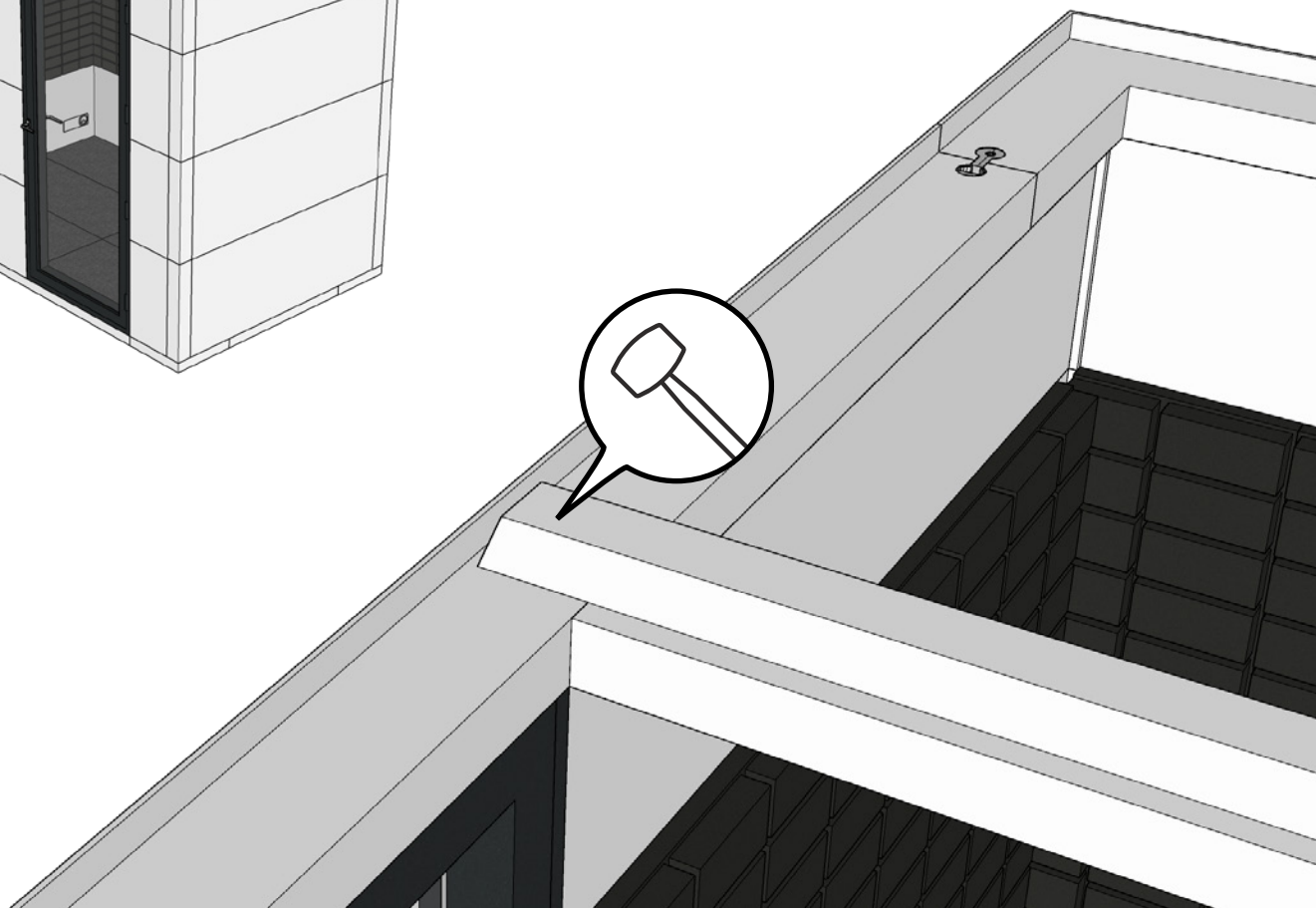
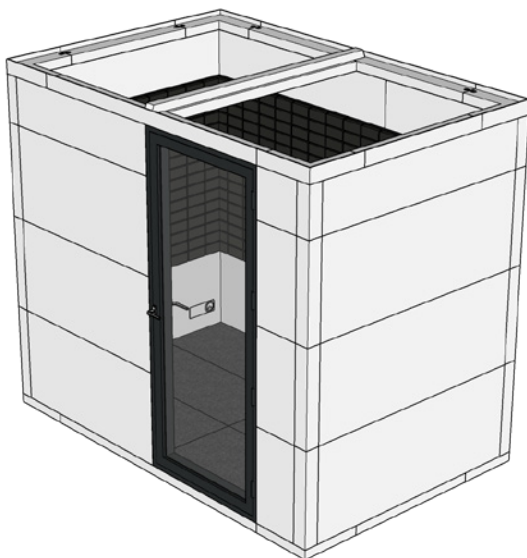
Roof beam:

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

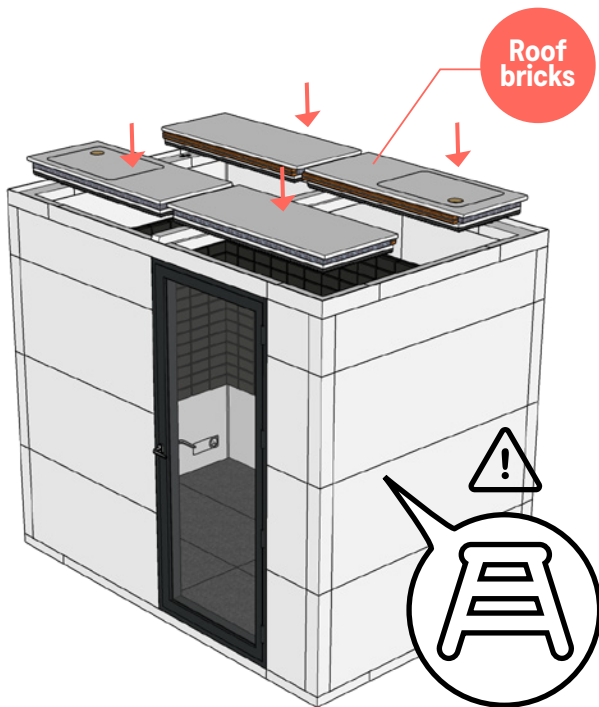
⚠ Use a stepladder to reach the roof ring. Make sure to be safe and don't take any risks.

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, be careful. Use the rubber mallet to fit it well

⚠ Make sure the dowels fit perfectly.



Assembly



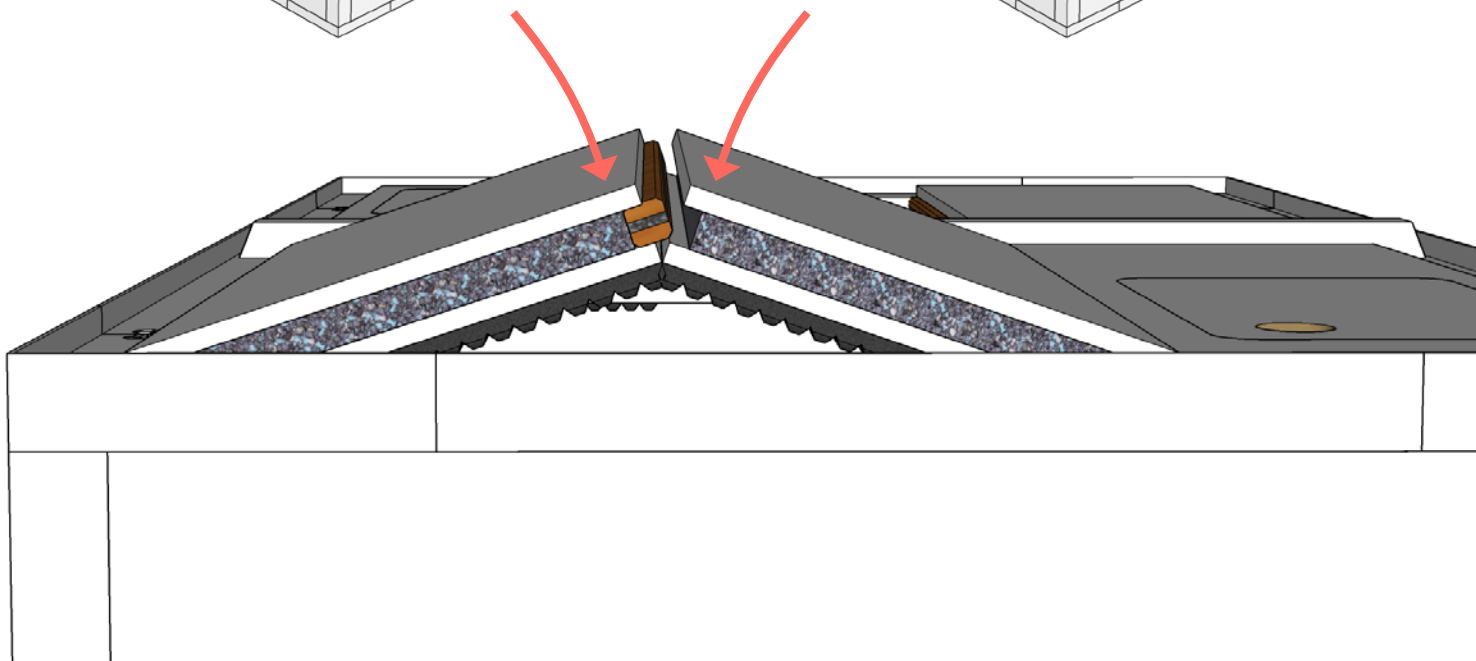
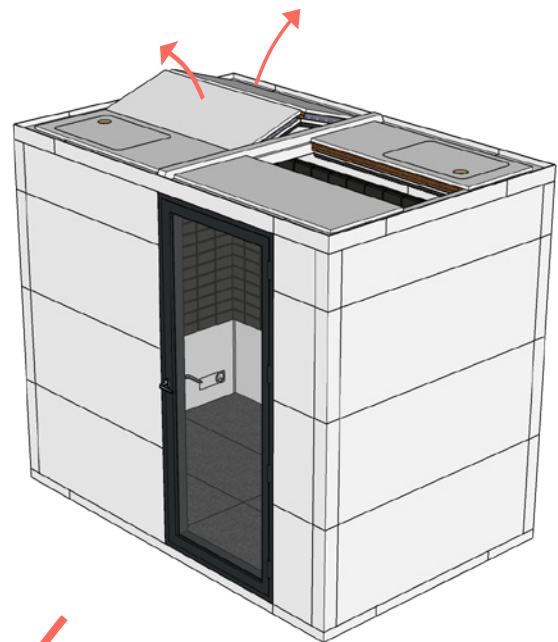
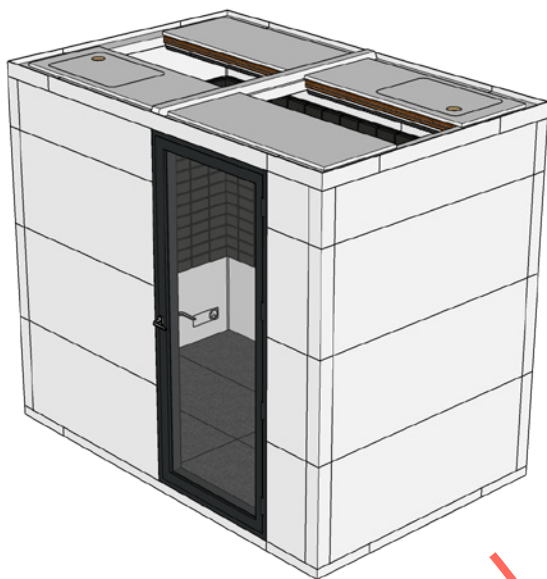
Roof:

⚠ It's very important to place these roof bricks from inside the booth.

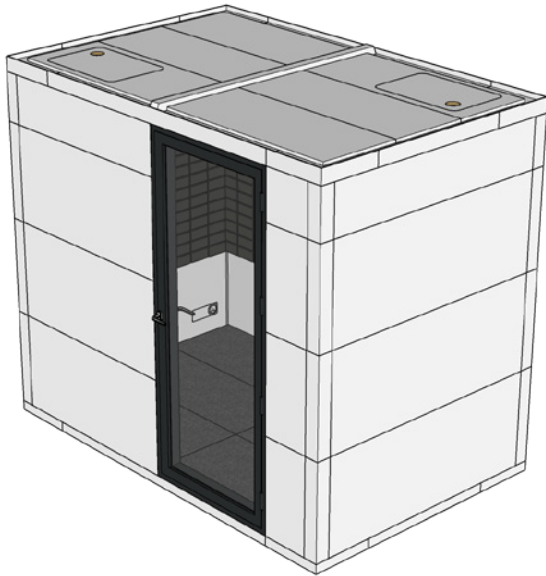
⚠ Use a stepladder to reach the roof ring. Make sure to be safe and don't take any risks.

Place the **roof bricks**, starting from the sides as you did for the floor. Between each roof brick comes a **batten**. Put them in before placing the bricks. All the pieces are marked and are accompanied by a diagram indicating their position.

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



Assembly



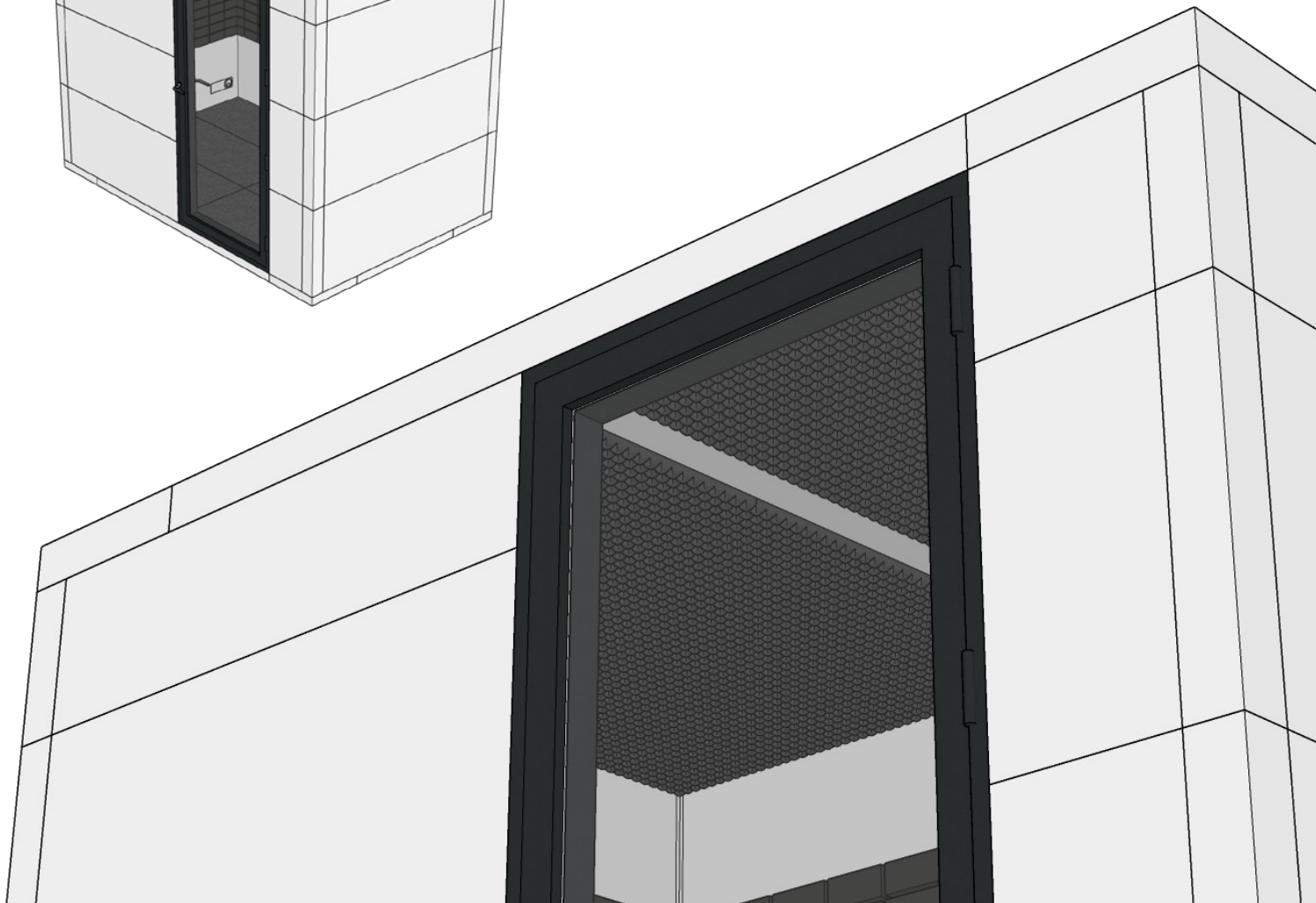
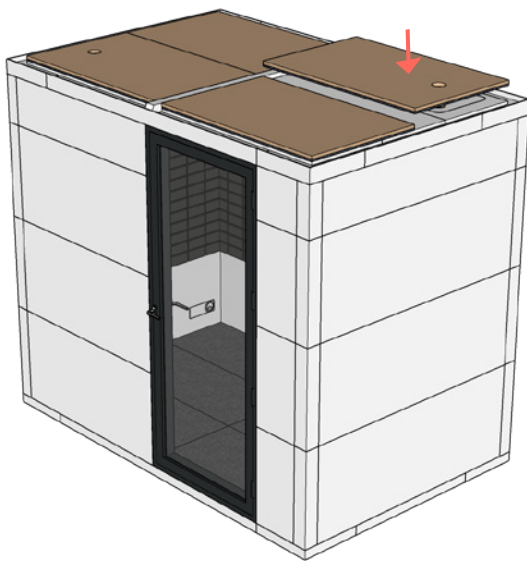
Follow the same procedure with the rest of the roof bricks. Always start with lateral bricks and finish with the middle ones.

Upper roof:

⚠ Help yourself with a stepladder to reach the roof ring. Make sure to be safe and don't take any risks.

Finally you can place the **upper roof panels**. All the pieces are marked and are accompanied by a diagram indicating their position.

Now your booth is complete.



Assembly

2.3 Finishing

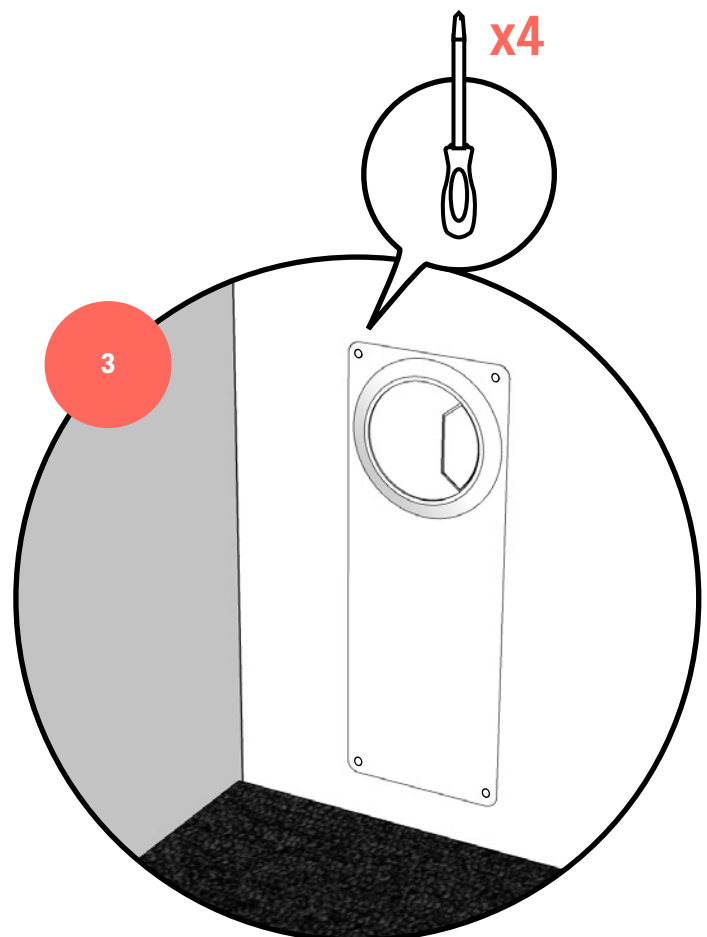
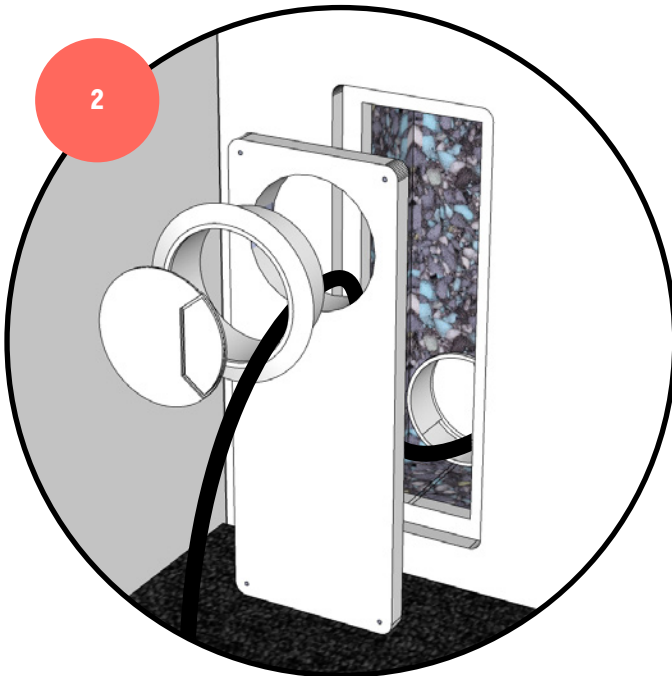
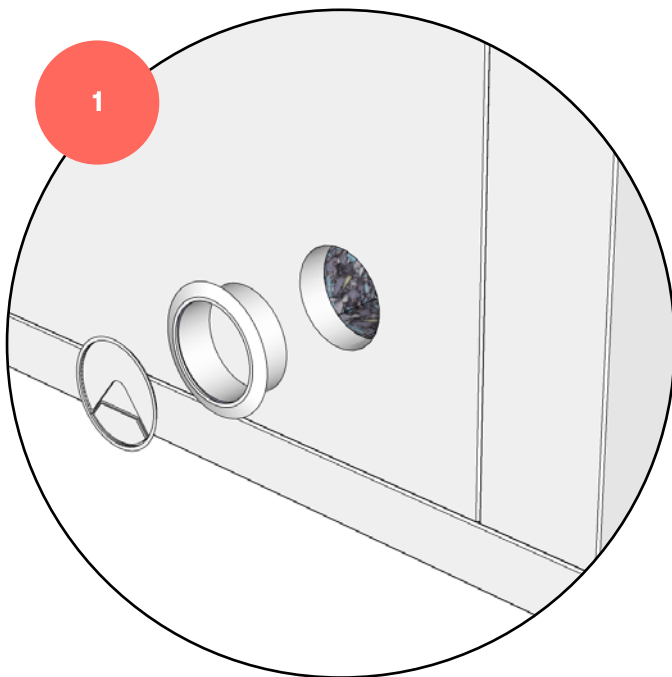
Cable port:

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

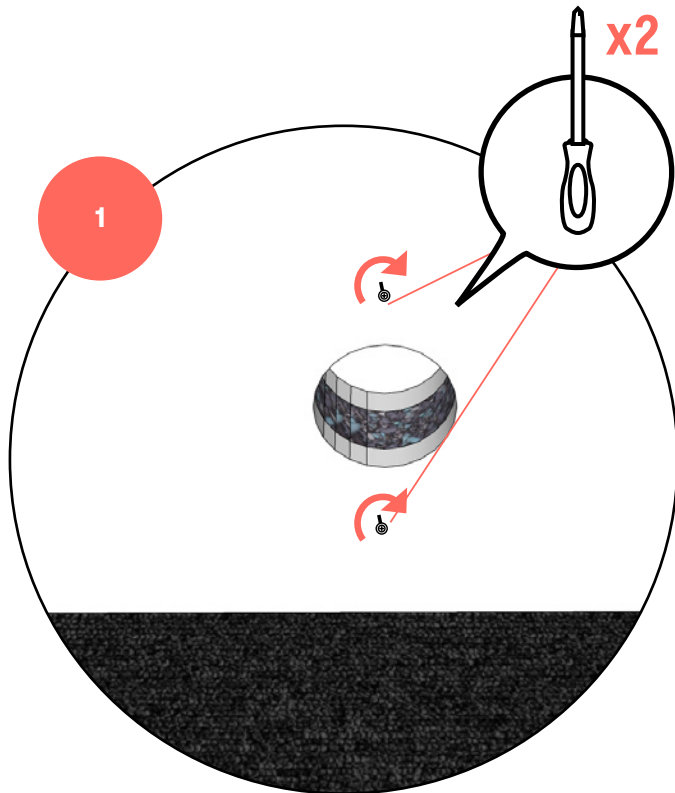
⚠ You might need the rubber mallet to get it fully into the hole.

2 - Inside the cable port brick: pull the cable of the triple socket through the panel port and through the trim cable tunnel, 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 tunnel on top. There are holes to show you where to put the screws provided.



Assembly



Ventilation kit:

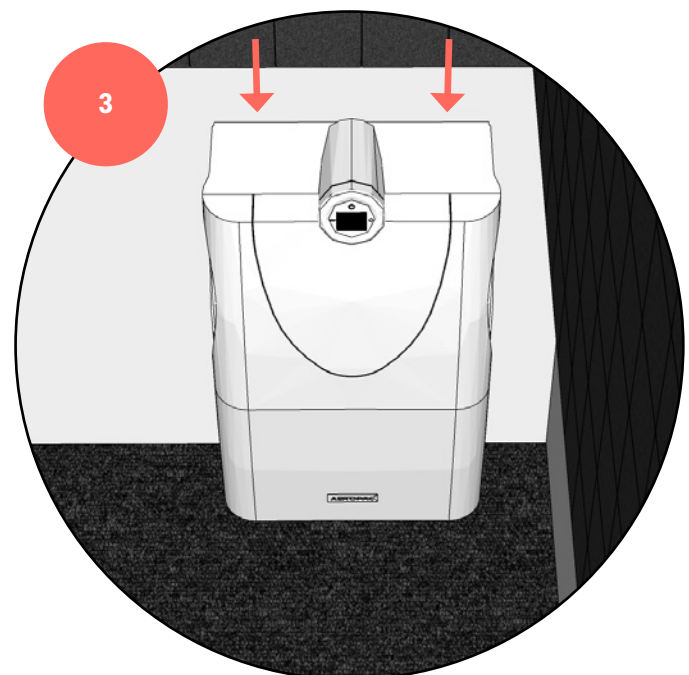
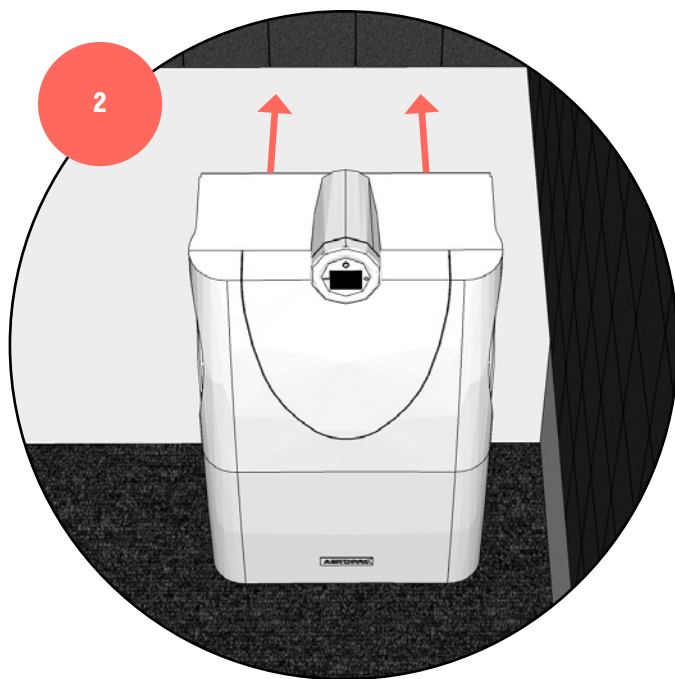
The **ventilator** sits inside the booth. To install it put the two provided screws into the holes and tighten them leaving half a centimetre out.

Fix the ventilator to the wall.



The small white air vent sit outside the ventilation brick. It fits easily.

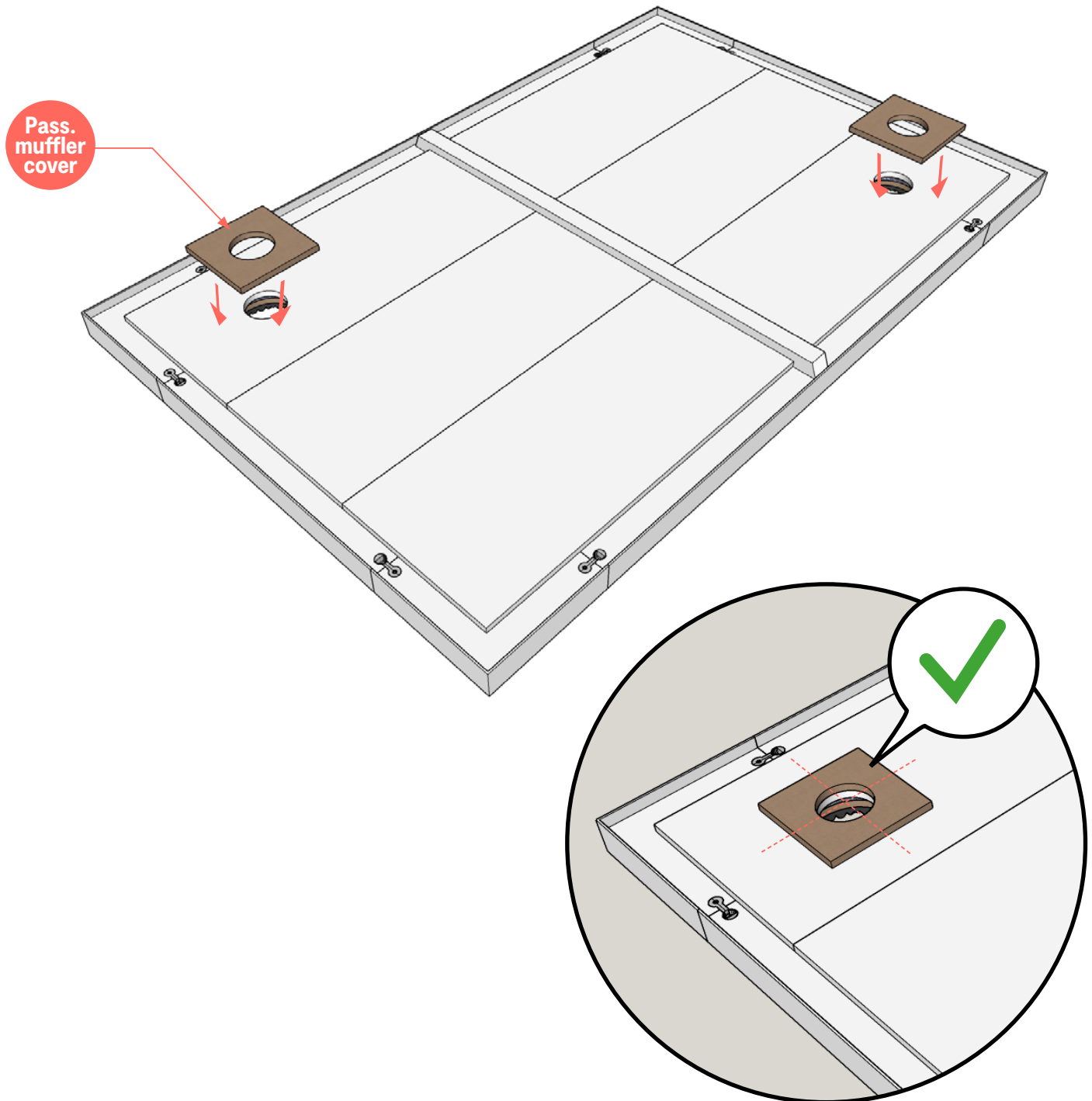
Repeat this operation for all ventilation kits that came with your booth.



Assembly

Passive muffler (optional)

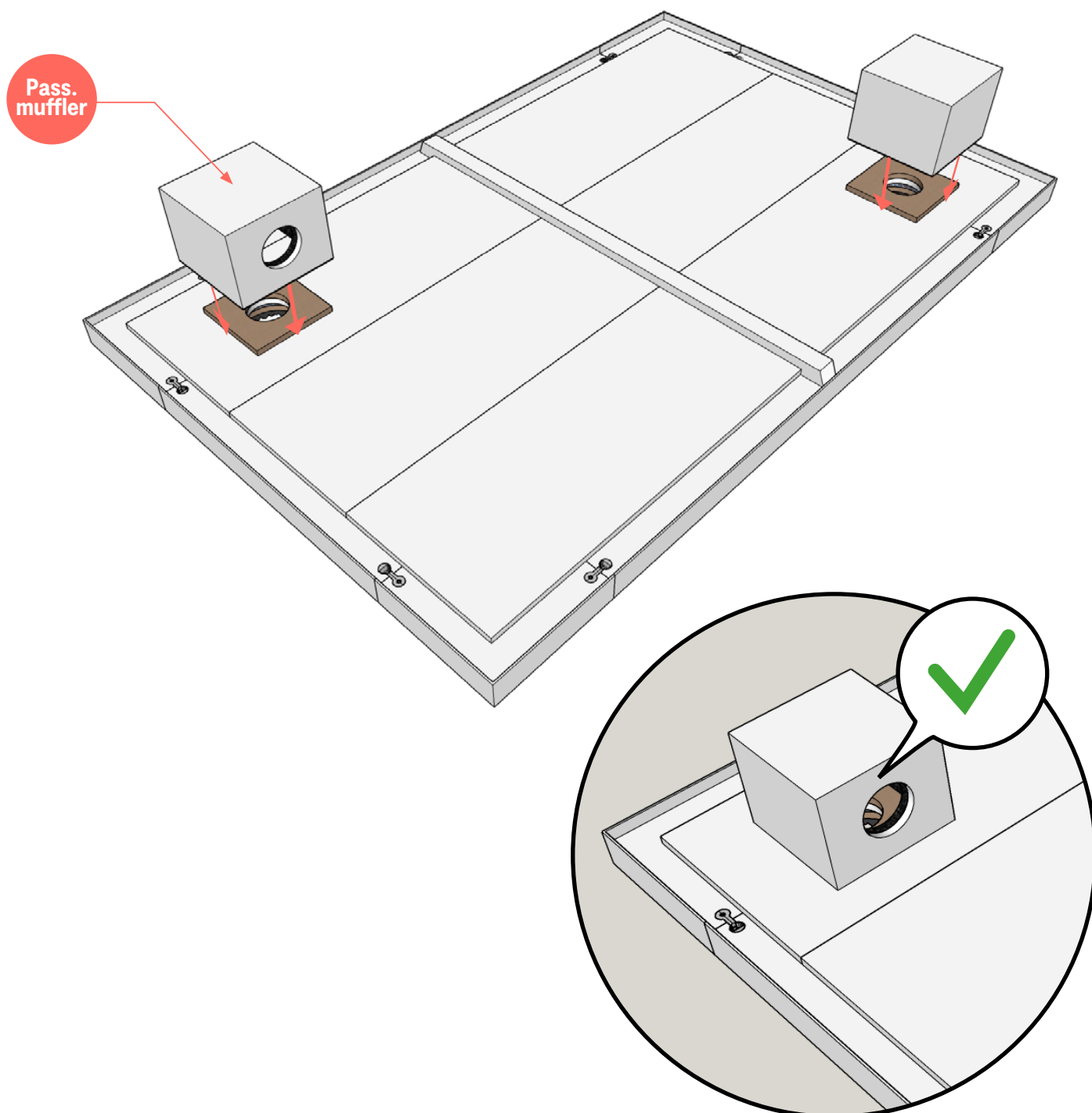
Position the **passive muffler cover** coinciding with the ventilation hole. The ventilation holes of the upper roof panels fit with those of the ceiling.



Assembly

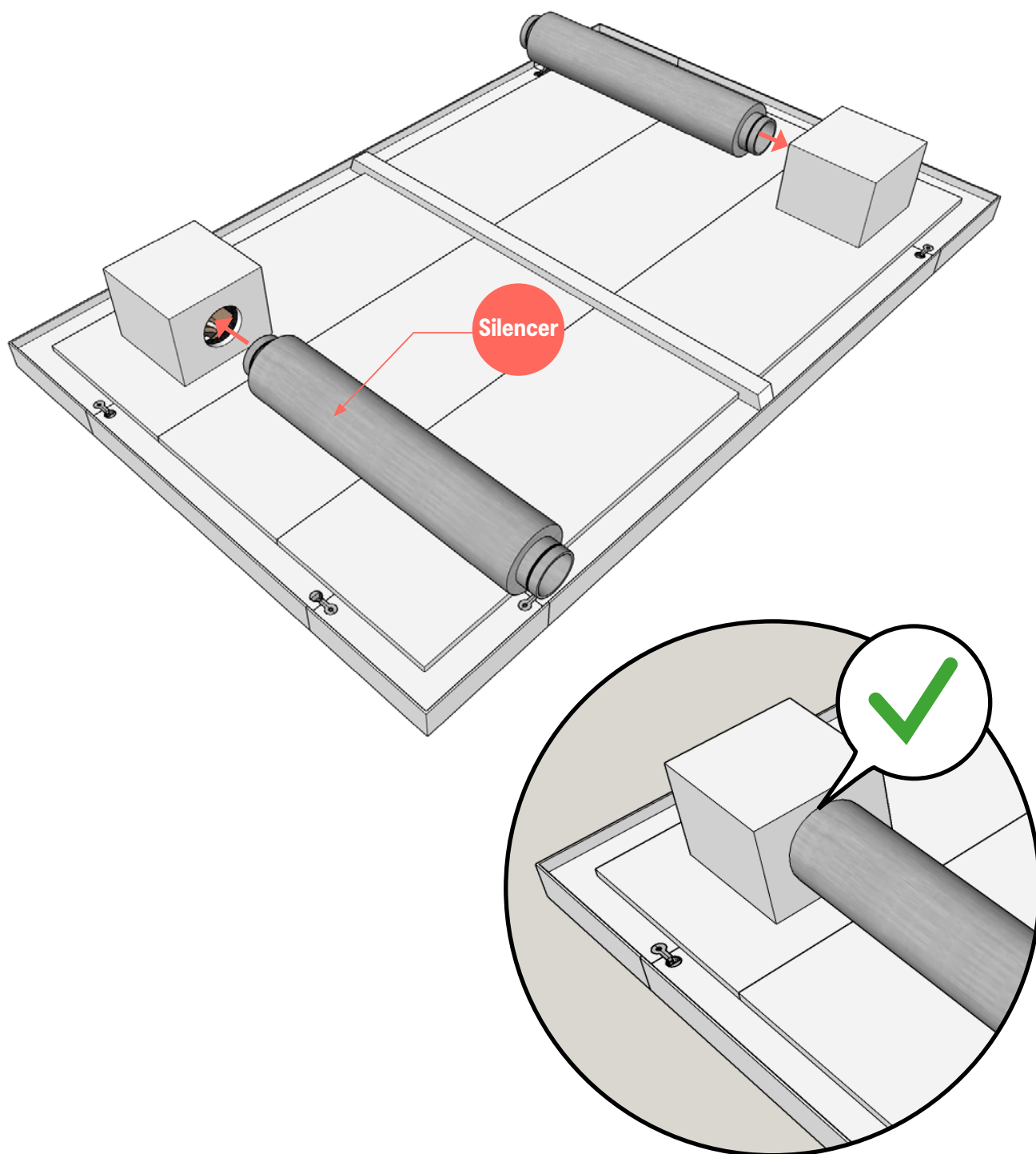
Snap the **passive muffler** onto the lid.

⚠️ The round hole in the muffler should be oriented in the direction where the muffler will be placed.



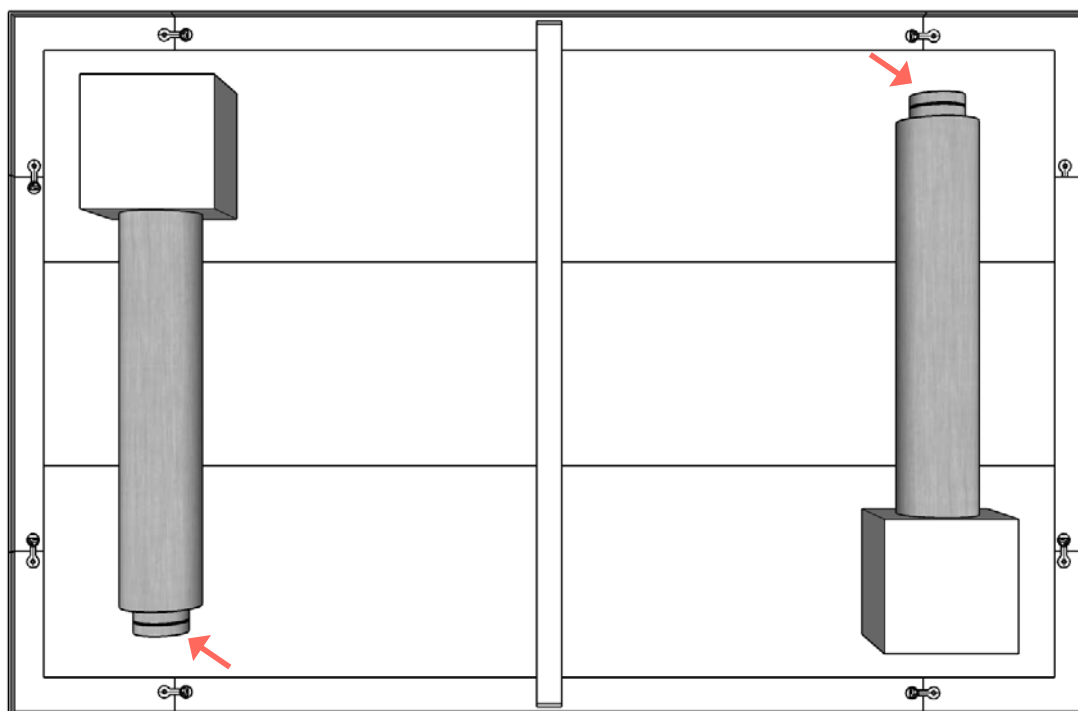
Assembly

Fit the **silencer** to the passive muffler.
You can place either end as it is completely symmetrical.



Assembly

You can now **connect** the silencer with the central ventilation system.



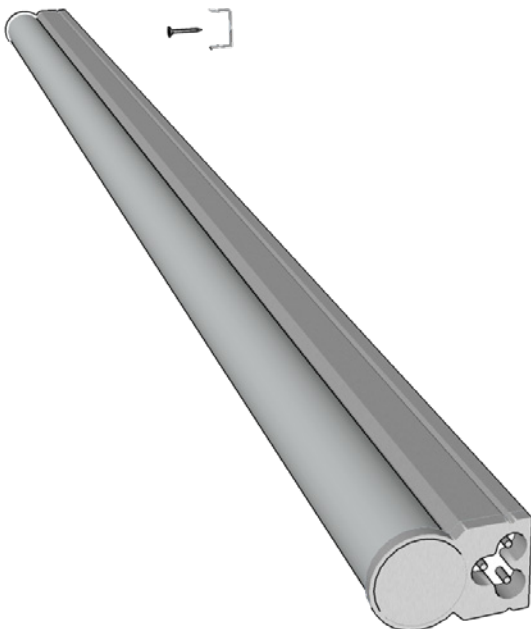
Assembly

LED light:

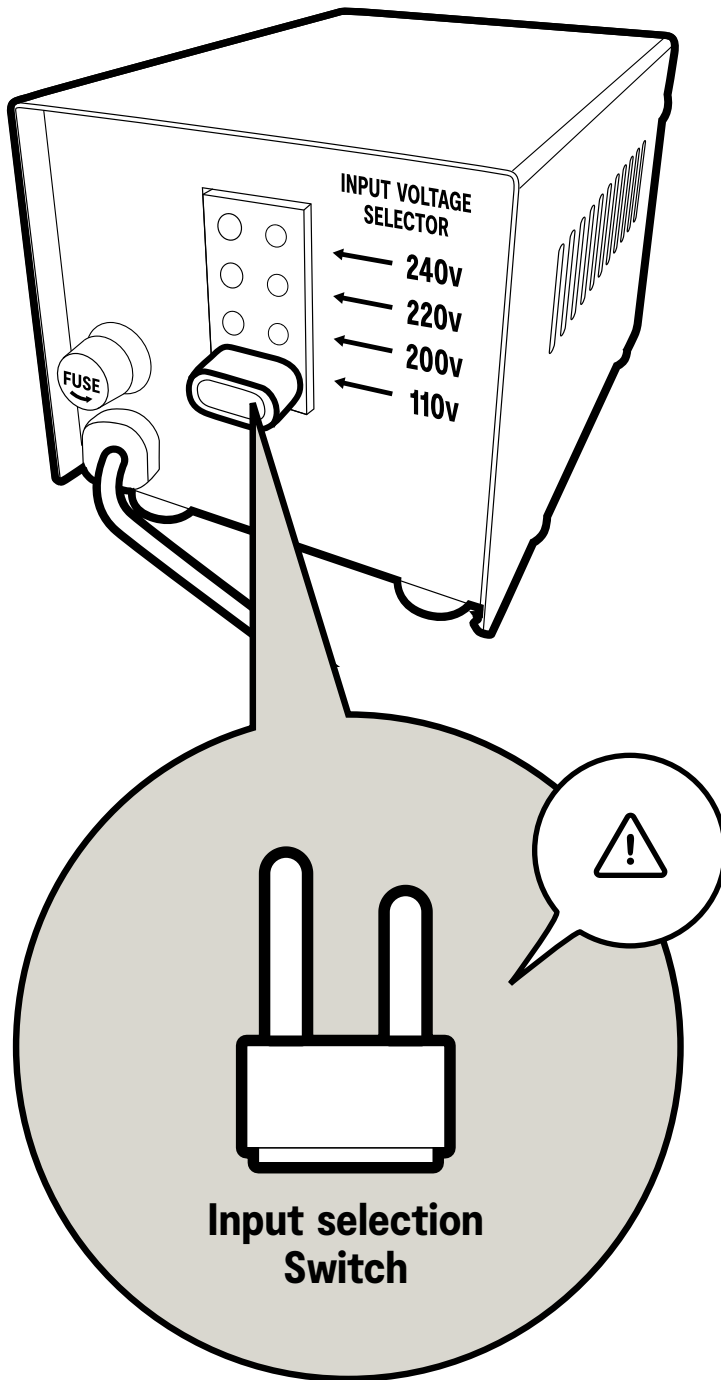
Finally, you carefully take the LED light out of its packaging, and fix the light inside the booth right above the door or wherever you want to have it. Use screws, double sided tape or simply fit it between the absorbers (it's a good way to hide the cable).

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 tunnel to connect it to an outlet outside the booth.



Assembly



Voltage transformer (USA only):

If you are a customer from the U.S. you will find a **voltage transformer** to be able to connect the ventilation kit to 110V.

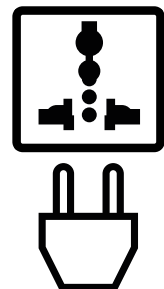
You have to configure its input and output parameters following this steps:

- 1: Switch the input selection switch in the back of the transformer to 110V.
- 2: Use the 220V outlet ONLY in the front to step up the voltage.
- 3: Plug the voltage transformer to your wall outlet.
- 3: Press the ON/OFF switch in the front of the transformer to "ON" position and LED light will illuminate.

4: Plug (horizontally) the ventilation unit into the voltage transformer.

⚠ **Connect the ventilation plug horizontally, not vertically.**

⚠ **We recommend placing the voltage transformer outside the booth.**



Assembly

Lacquer:

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



Last update | July 2021

studiobricks