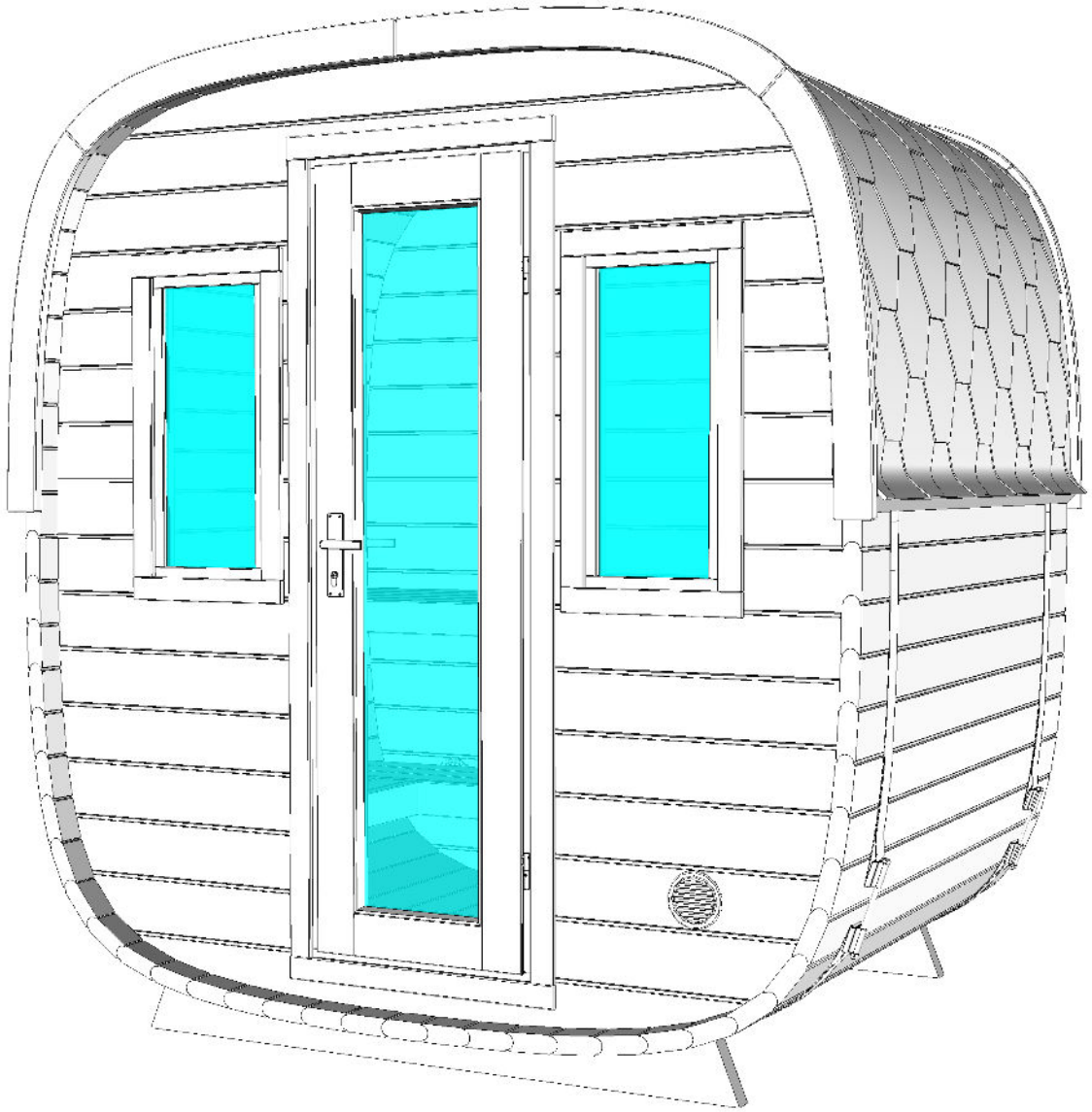
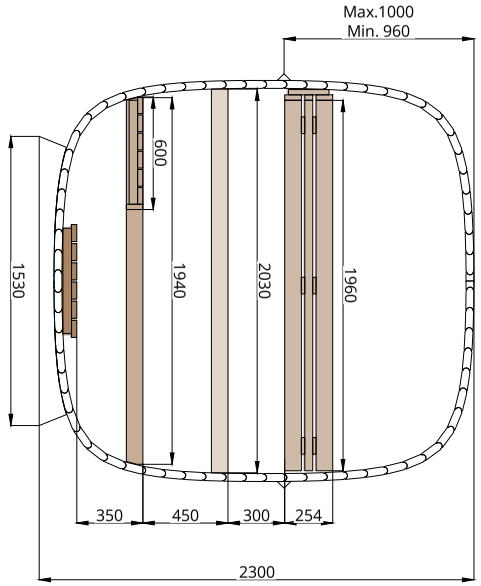
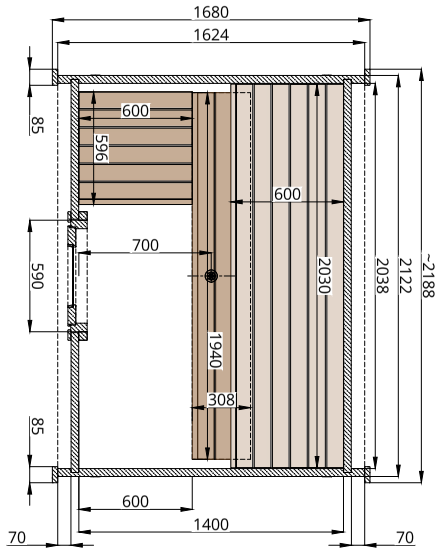
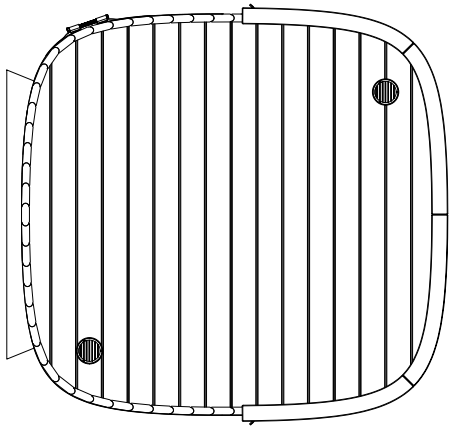
Barrel sauna 1.6

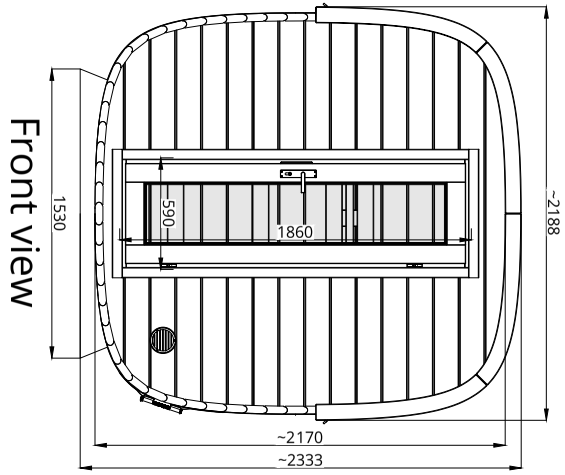


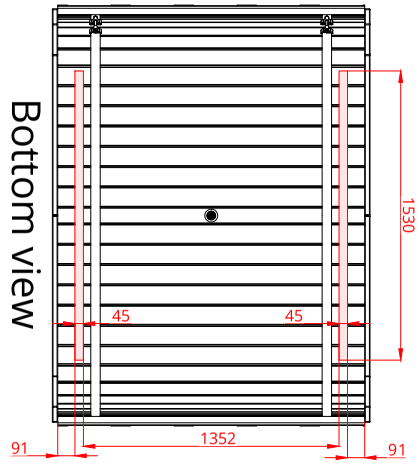
Please check the parts for completeness before assembly!











Square barrel 1.6 STANDARD

(High, L-shaped benches) *Scale 1:40*

DRW no: Sb1.6S H,L

USER MANUAL OF THE SAUNA

1. It is recommended to install the sauna above ground level to prevent the legs of the sauna from coming into direct contact with the ground. Install a water-resistant material, such as bitumen strips, between the legs of the sauna and the base.
2. Make sure that the surface on which you install the sauna is levelled and stable both before and after installing the sauna. Otherwise, the doors of the sauna may not open and close properly.
3. If the top part of the chimney has not been installed upon delivery of the sauna, it should be placed into the chimney pipe from the roof of the sauna.
4. During the first heating of the sauna, it must be constantly supervised and the doors should be kept open, as the stove emits a specific smell when first heated. Read more from the user manual of the sauna stove.
5. The maximum permitted temperature of the steam room is **+90 °C**. If heated to a higher temperature, the sauna may be overheated.
6. After each use of the sauna, it is recommended to keep the stove warm, the doors open, and the footrests up for a while to allow the sauna to dry from the inside. If necessary, the water on the floor should be directed to the drain with a floor scraper to avoid damage caused by excess humidity.
7. **When the weather is humid and if the wood has expanded, the metal hoops around the sauna should be loosened to avoid breaking the clamps and jamming the doors.** The hoops can be adjusted from the nut of clamp M12 located on the side of the sauna. To alleviate excess tension on the clamp and the hoop itself, loosen nut M12 (wrench no. 19) until the hoop can be shifted left and right. Then, re-tighten the nut until the hoop is under slight pressure and pressed fully against the wood so that it cannot be pulled away from the walls of the sauna. **When the weather is less humid and the wood has dried, the metal hoops around the sauna should be tightened from nut M12.** Tighten the nut so the hoop is under slight pressure. The hoop must be pressed fully against the wood so that it cannot be pulled away from the walls of the sauna. Saunasell OÜ is not liable for damage caused to the sauna due to a broken hoop clamp.
8. If the door is shifted out of place when the hoops are tightened, lift the exterior door off the hinges and regulate the hinges. If this is not a sufficient solution, remove the trims of the door and unscrew the screws of the doorframe beneath them. This will relieve the pressure on the door. If necessary, the opening of the door may be made wider, after which the screws should be re-tightened and the trims and door reinstalled.
9. The interior door should be regulated from the stopper and, if necessary, the hinges. If this is not a sufficient solution, remove the trims of the door and unscrew the screws of the doorframe beneath them. This will relieve the pressure on the door.
10. Locking the sauna door from the inside is prohibited.
11. In order to avoid damage caused by the weight of snow, any snow should be removed from the roof of the sauna. Keep in mind that the roof covering should not be damaged during snow removal.
12. If your sauna has lighting, install a 3G 2,5 mm^2 outdoor power cable and connect it in juniper box provided with the sauna (L1 – brown , N – blue , GR – green-yellow). The power cable of the sauna must be connected to a residual-current circuit breaker! Consult an electrician if necessary.

Maintenance of the sauna

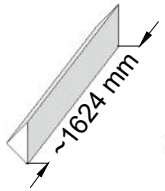
1. **The interior surfaces of the sauna, the window frames of the steam and washing room, and the frames of interior doors must be treated with a special substance before initial use to protect them from humidity and dirt and extend the useful life of the sauna.** Later, this should be done once or twice a year. TEKNOS Satu Saunasuoja or Tikkurila Supi Saunasuoja may be used for this.
2. **Before initial use of the sauna, the benches and footrests must be treated with a protective oil to extend their useful life.** Later, this should be done once or twice a year. TEKNOS Satu Laudesuoja or Tikkurila Supi Laudesuoja may be used for this.
3. **Before initial use of the sauna and once a year after that, the door, doorframe, threshold, and window frame of the anteroom as well as the floors of the washing room and anteroom should be treated with the lacquer Teknos Helo Aqua 40.**
4. **The exterior surfaces of the sauna are given the first protective coating during production. The second coating should be applied approximately two months after purchasing the sauna to extend its useful life and maintain its appearance.** Use Remmers Aidol HK-Lasur for this. The substance is available for purchase at Saunasell OÜ or from the website https://trendwood.ee/tooted/viimistlus/remmers/
5. Saunasell OÜ is not liable for damage caused to the sauna due to insufficient maintenance or no maintenance at all.

WARRANTY

- The products have a 24-month warranty covering material and production defects, taking effect from the delivery of the sauna to the client.
- The warranty is valid if the user has reviewed the user manuals and abides by them.
- The warranty is void if the sauna has not been assembled by Saunasell OÜ.
- Please note! The warranty period differs for products on trailers and products intended for commercial use.
- The warranty does not cover defects characteristic of wood, such as discoloration, changes, issues, or cracks caused by alternating or excess humidity, etc.
- The warranty does not cover normal wear and tear of the product caused by its use and damage caused by incorrect installation or use is not compensated.
- The warranty does not cover damage caused by thunder or other weather phenomena.
- The warranty does not cover damage caused by incorrect installation by the client.
- The warranty expires when attempts are made to independently change or fix the product or if it is not used for its intended purpose.
- The warranty is void if the product is stored in an incorrect position or in the wrong conditions.
- The warranty is valid if the buyer informs the seller of the defect within a reasonable time (7 days).

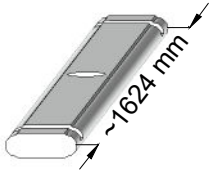
Detail list 1

DE



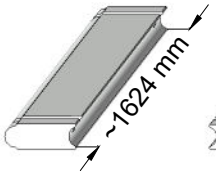
x2

B3



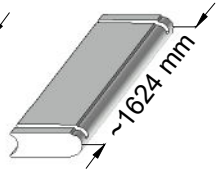
x1

B3a



x38

B3b



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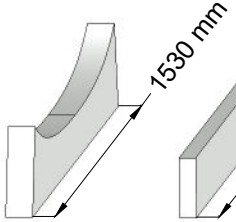
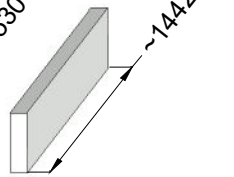
B1



x2

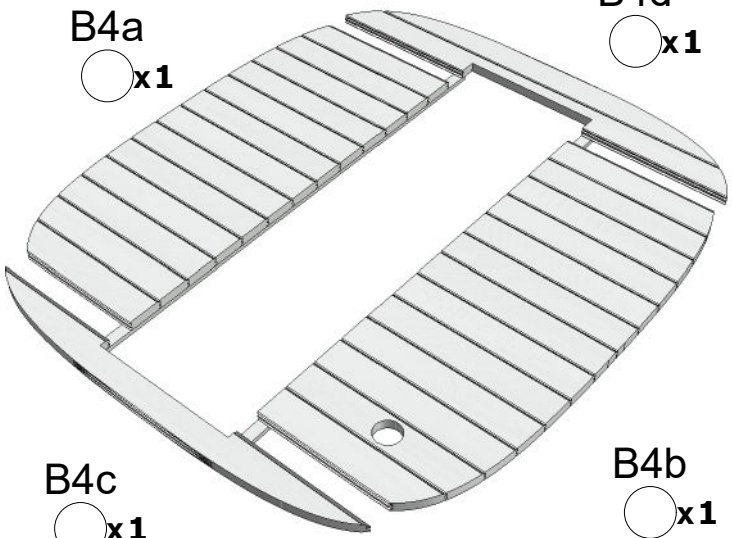
B2



x2

B4a x1

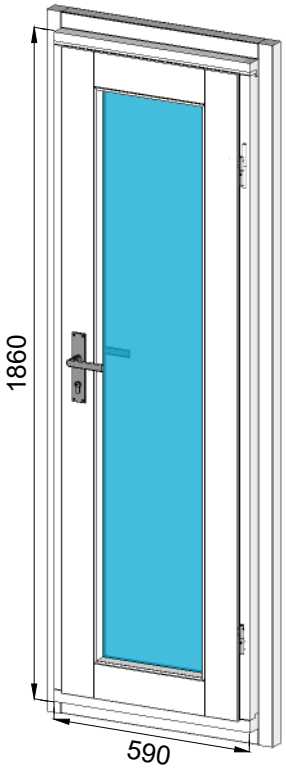
B4d x1



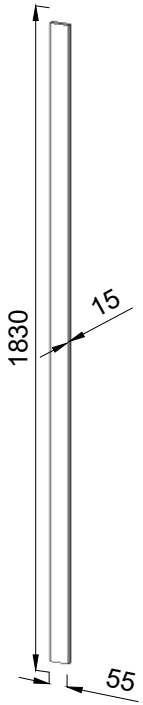
B4c x1

B4b x1

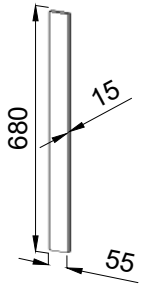
B7a x2



B7 x1

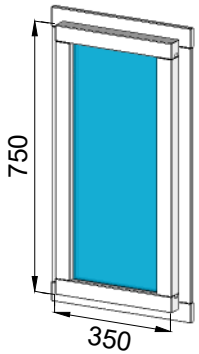


B7b x2

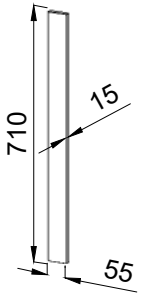


Windows are included when orded

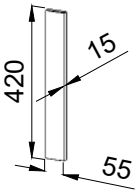
B8a x4



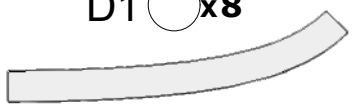
B8 x2



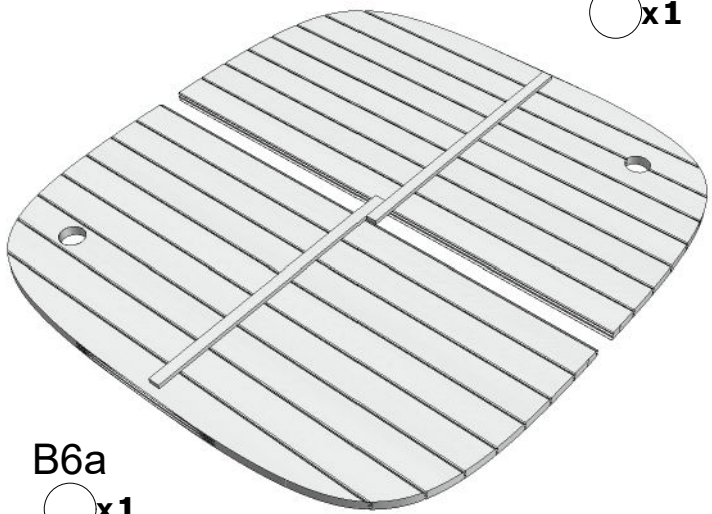
B8b x4



D1 x8



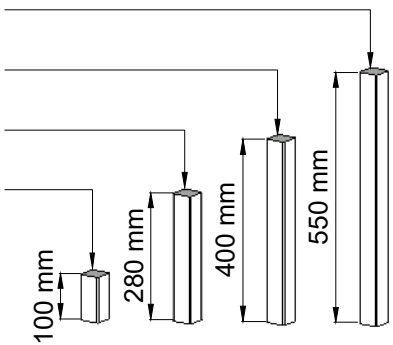
B6b x1

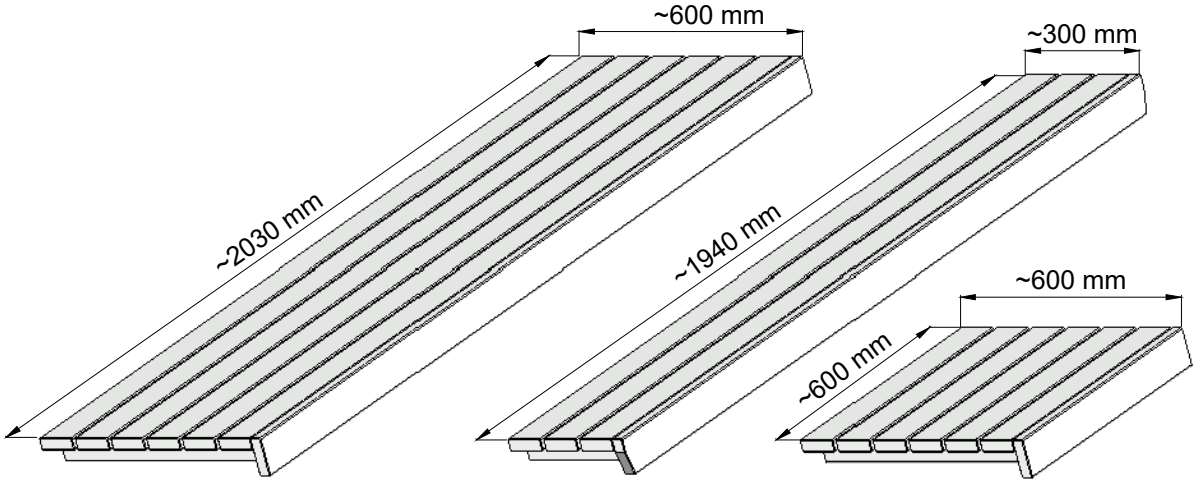


B6a x1

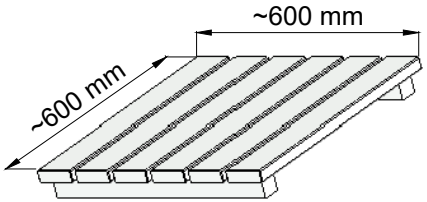
Detail list 2

K55 x4
K40 x2
K28 x2
K10 x2

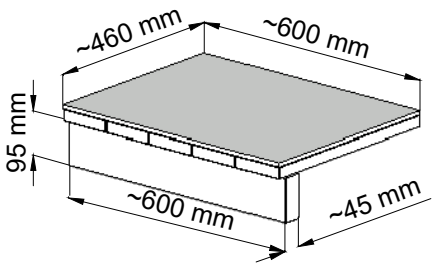




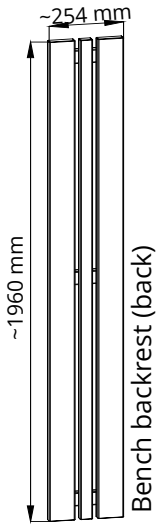
I1 x1 I2 x1 I3 x1



I4 x1



I5 x1

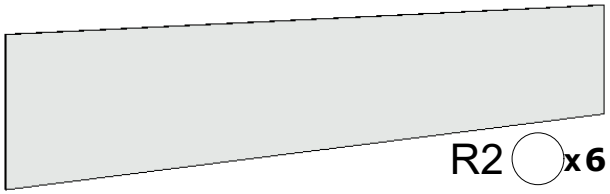


Bench backrest (back)
IF ORDERED
x 1

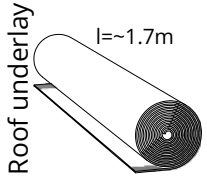
heating protection x1

Detail list 3

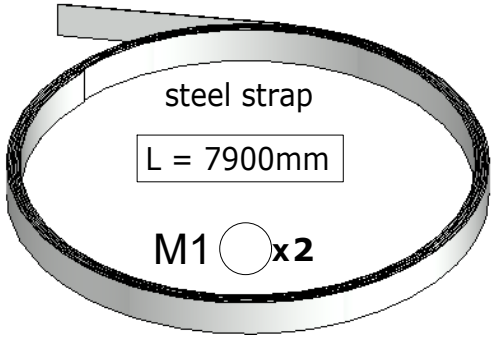
R1 ◯ x2,5 pkg



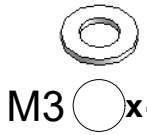
R2 ◯ x6



R4
x 1

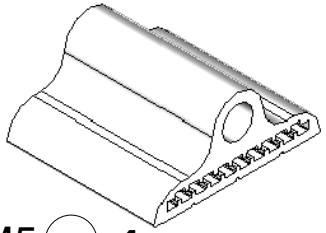


M1 ◯ x2



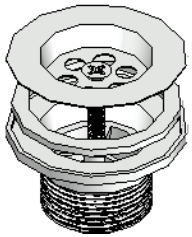
M3 ◯ x4

M4 ◯ x2



M5 ◯ x4

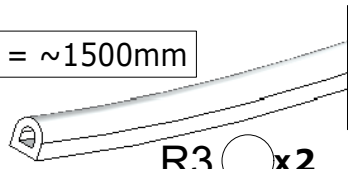
M2 ◯ x2



V1 ◯ x1

rubber seal

L = ~1500mm



R3 ◯ x2

V2 ◯ x5

V3 ◯ x1

V3 and one V2 are not included if the back panel is Panorama style

Nails

◯ x0,5kg

3x30

◯ x18

3x40

◯ x36

3x40

For windows, if there are windows

◯ x20

4,2x55

For windows, if there are windows

◯ x25

Spruce 4,5x60 Thermo 4,2x55

◯ x170

4,2x75

For Doors

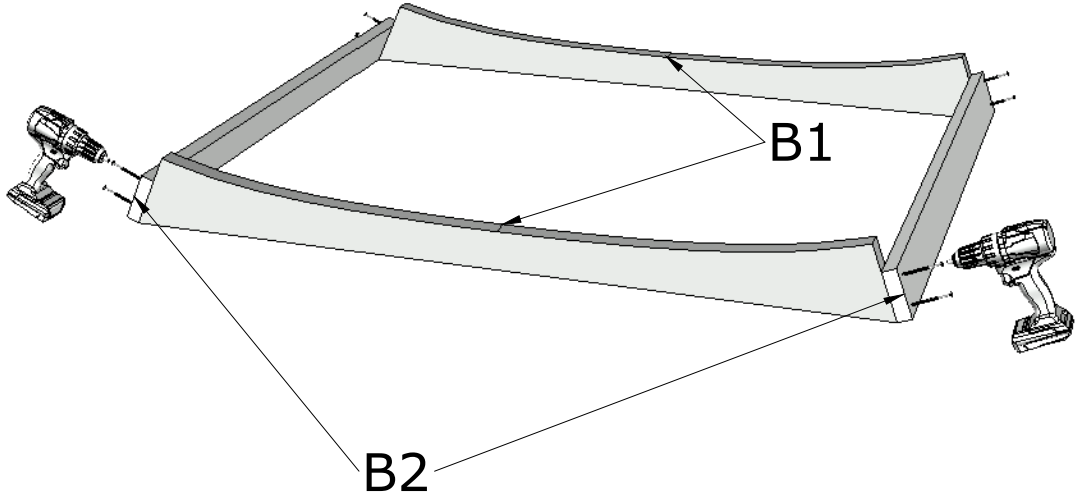
◯ x35

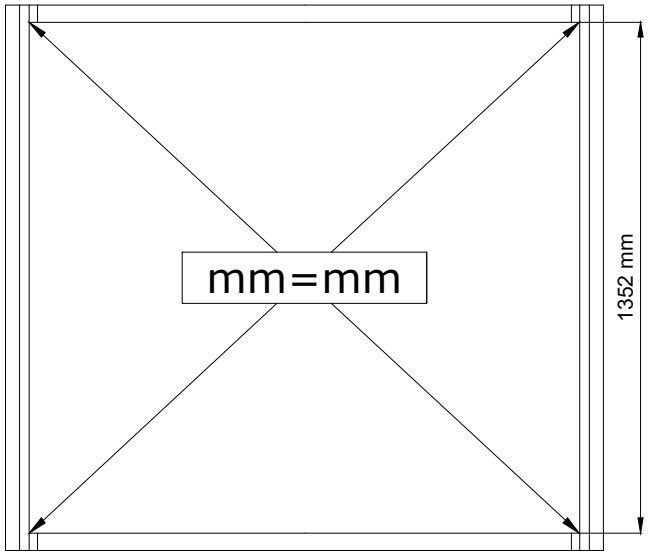
Spruce 4,5x80 Thermo 4,2x75

◯ x130

Screws

8x 4,5x80





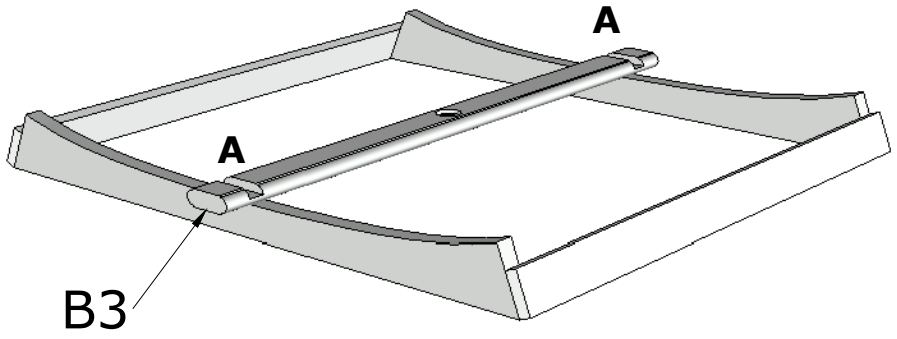
NB! use a level

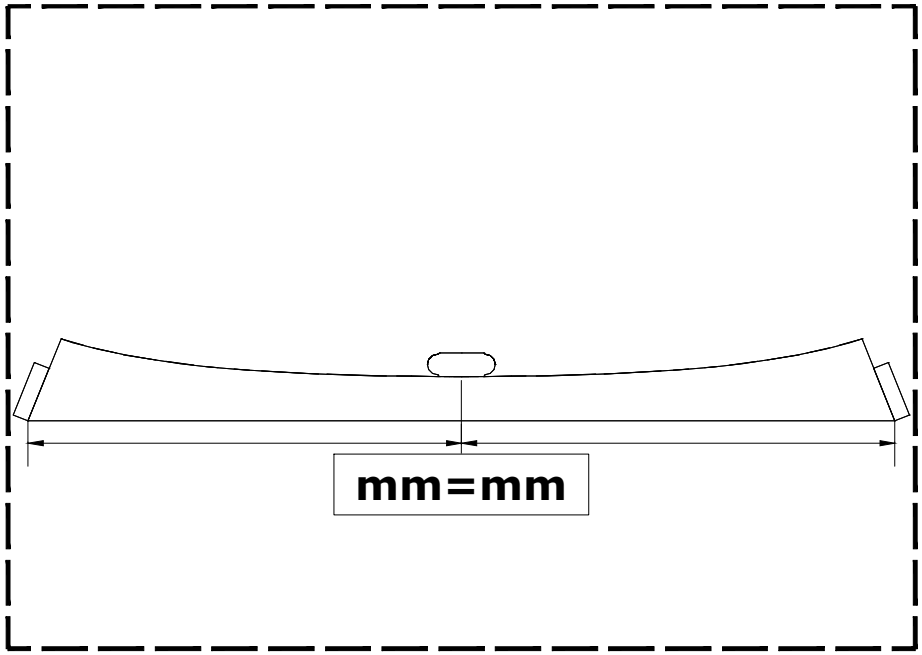
Screws

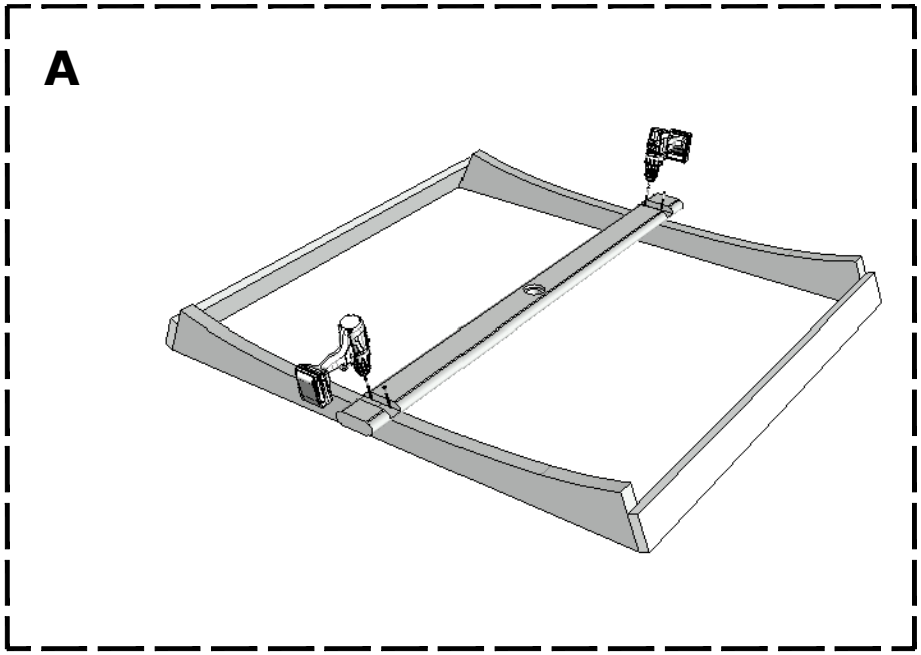
4x 4,5x80

Please countersink the screw head!

Use two screws for point A (see sketch)

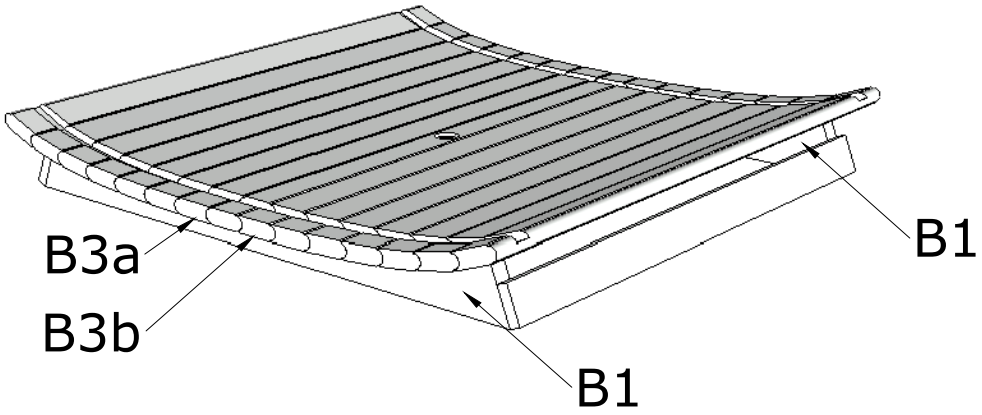






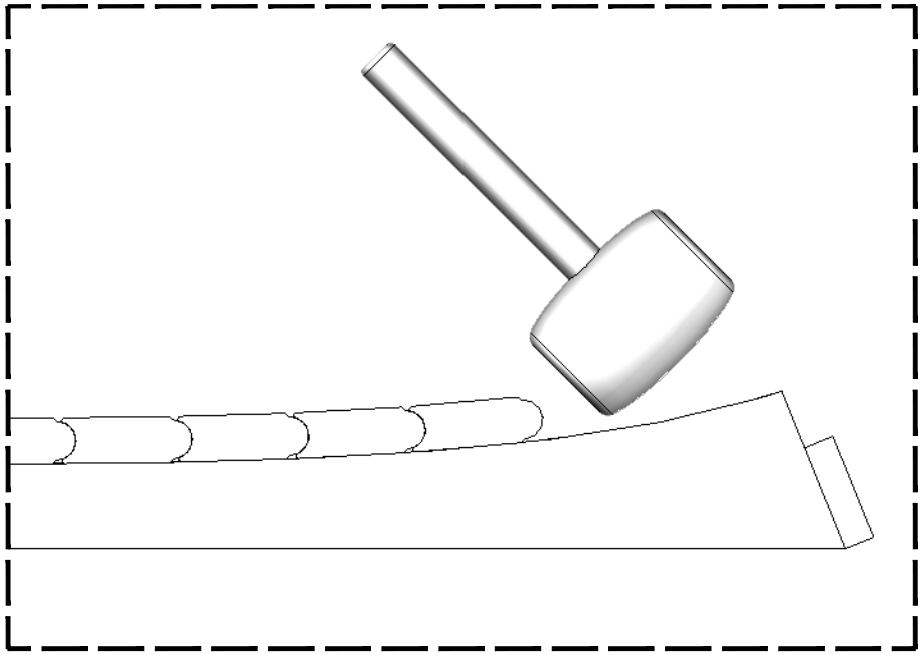
Screws

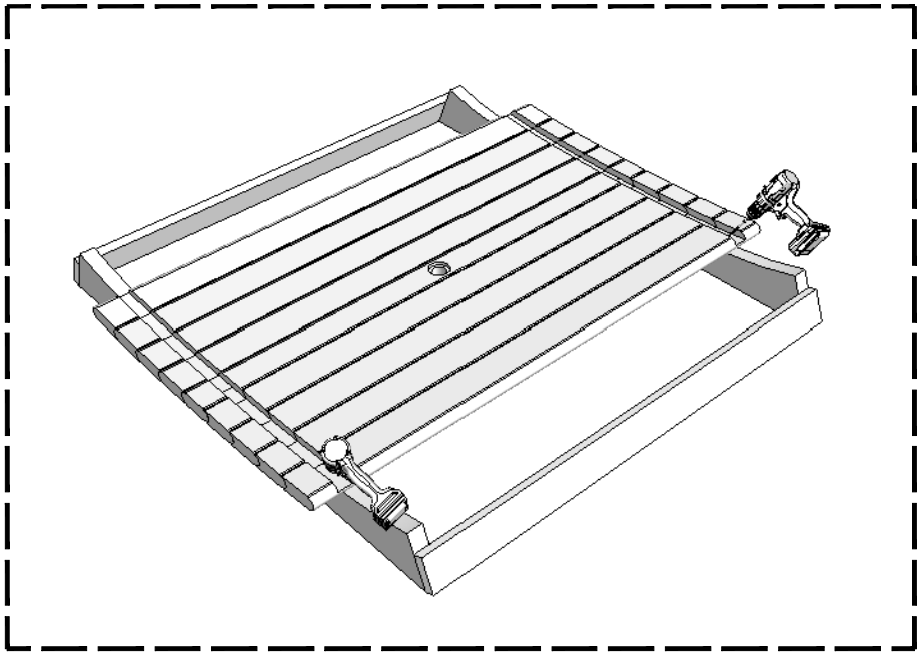
28x 4,5x80

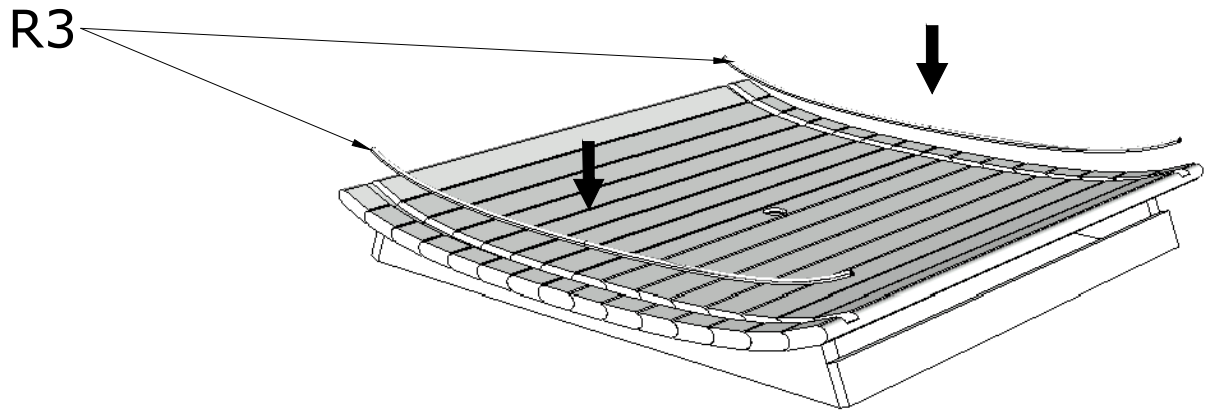


Use a rubber mallet to tap the planks together

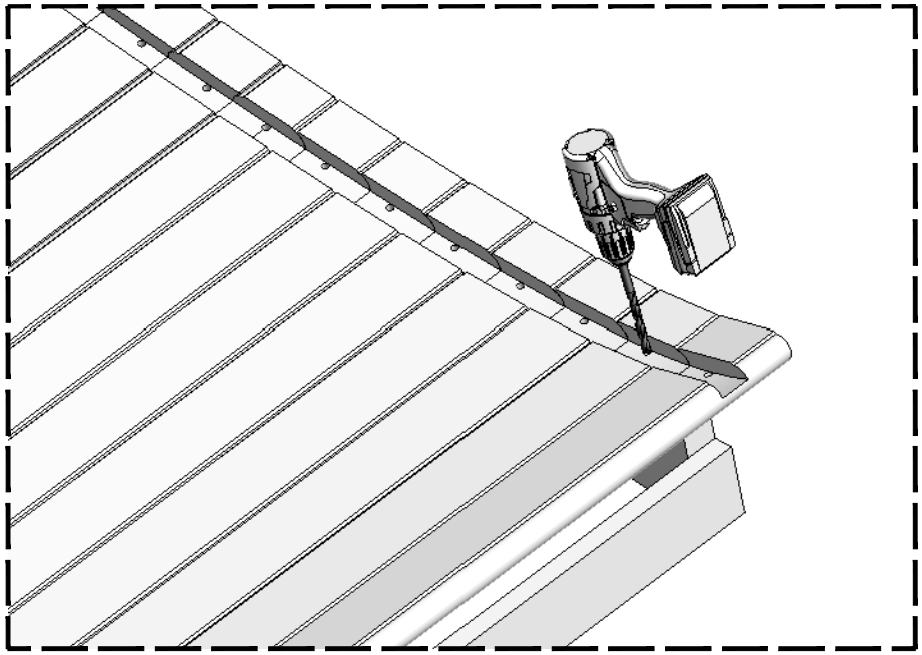
Screw each plank to the foundation B1 with a screw



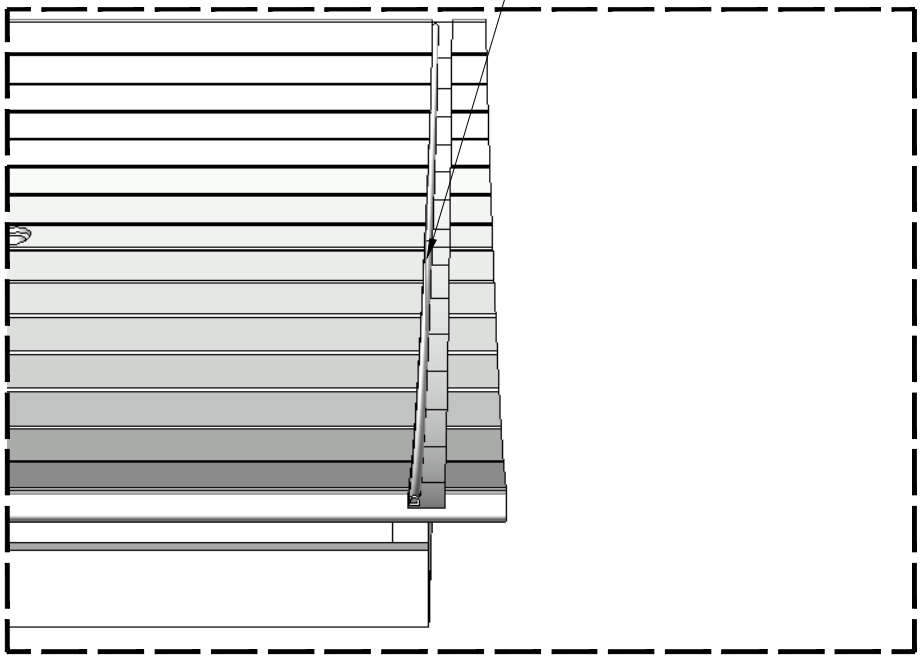




Drill a 10mm hole in each plank, only at the back!

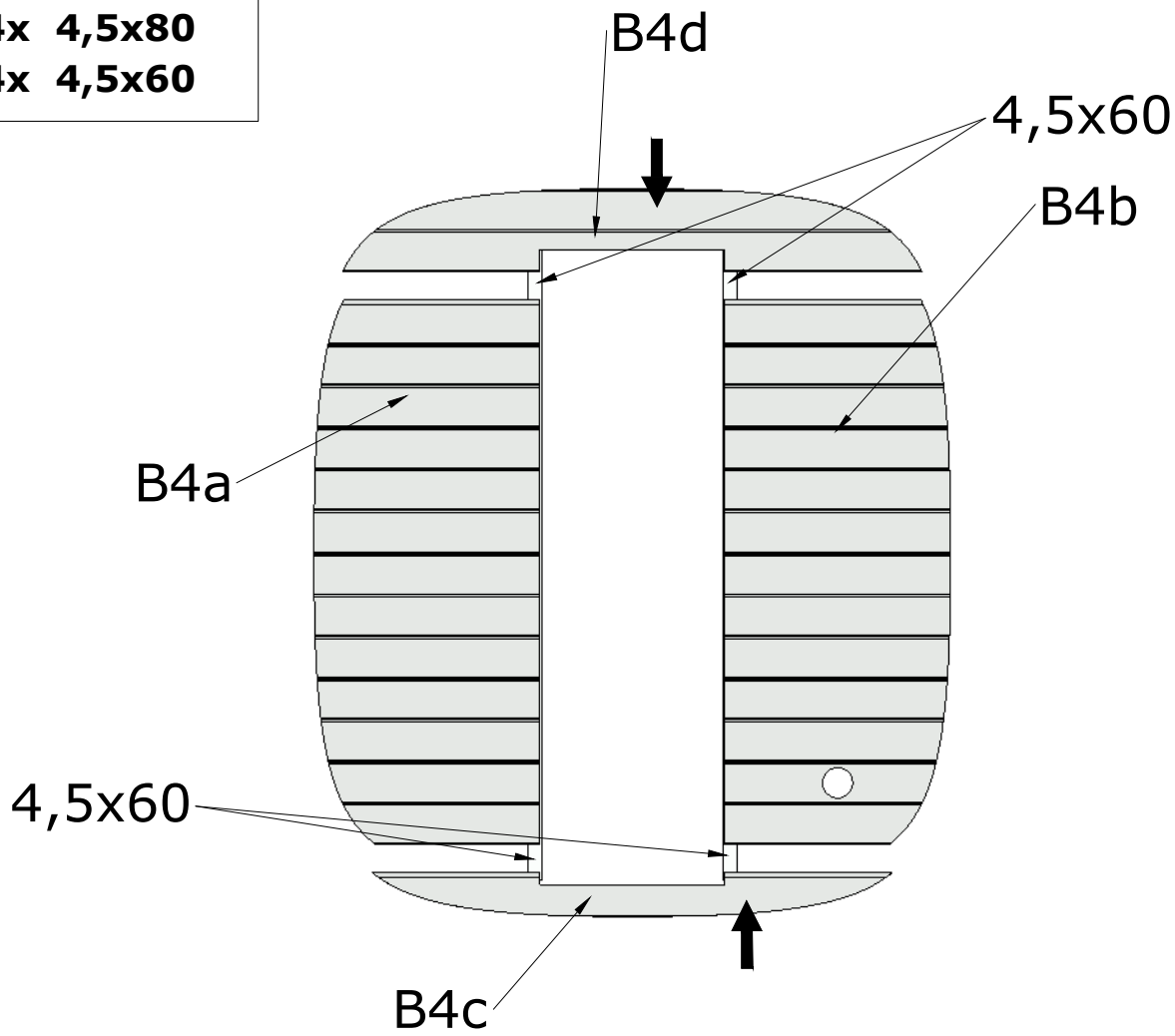


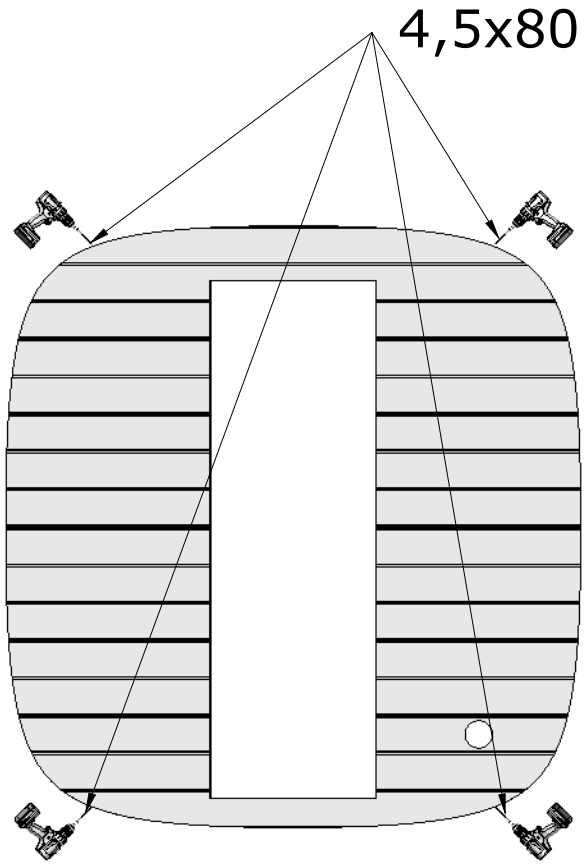
Lay R3 (rubber seal) on the inside of the groove



Screws

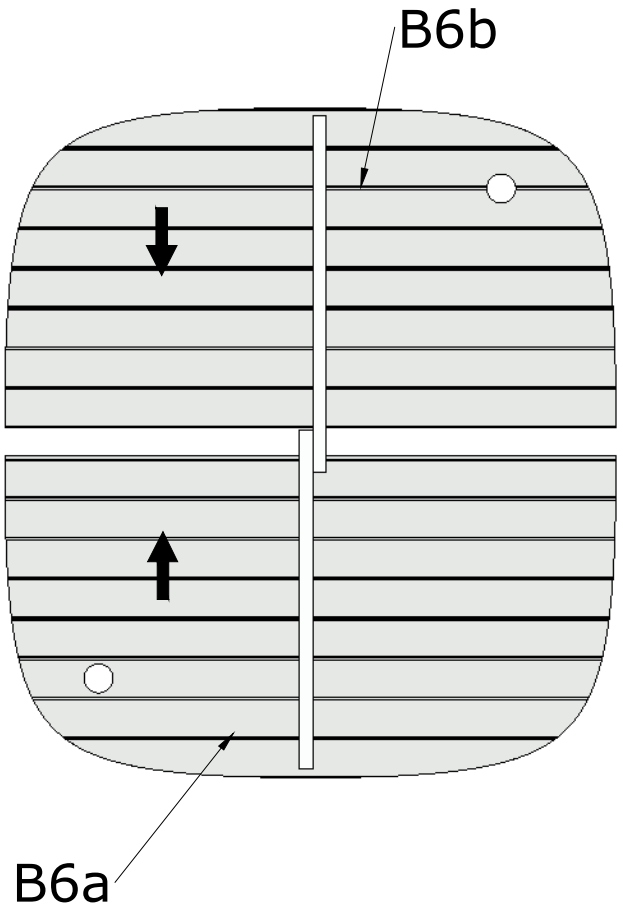
4x 4,5x80
4x 4,5x60

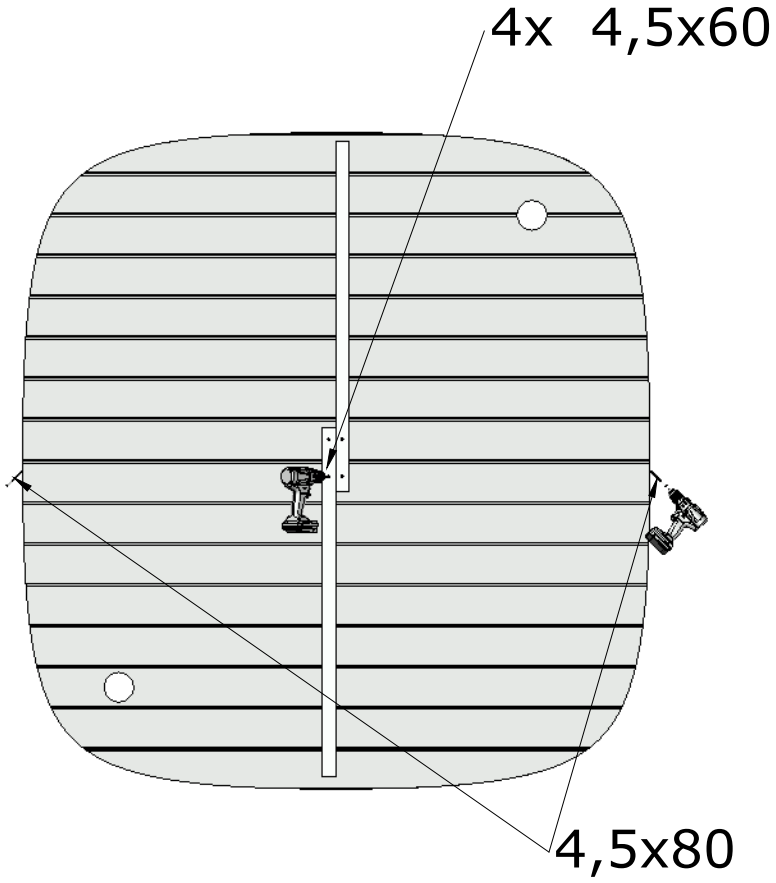




Screws

2x 4,5x80
4x 4,5x60

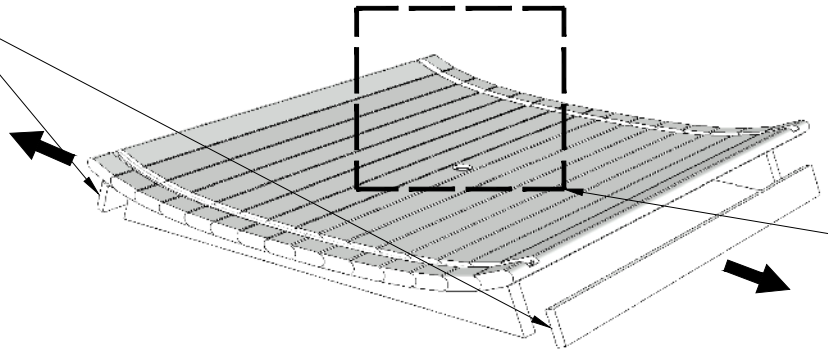




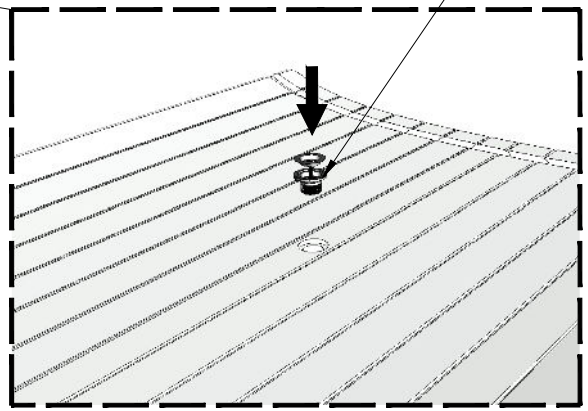
Screws

4x 4,5x60

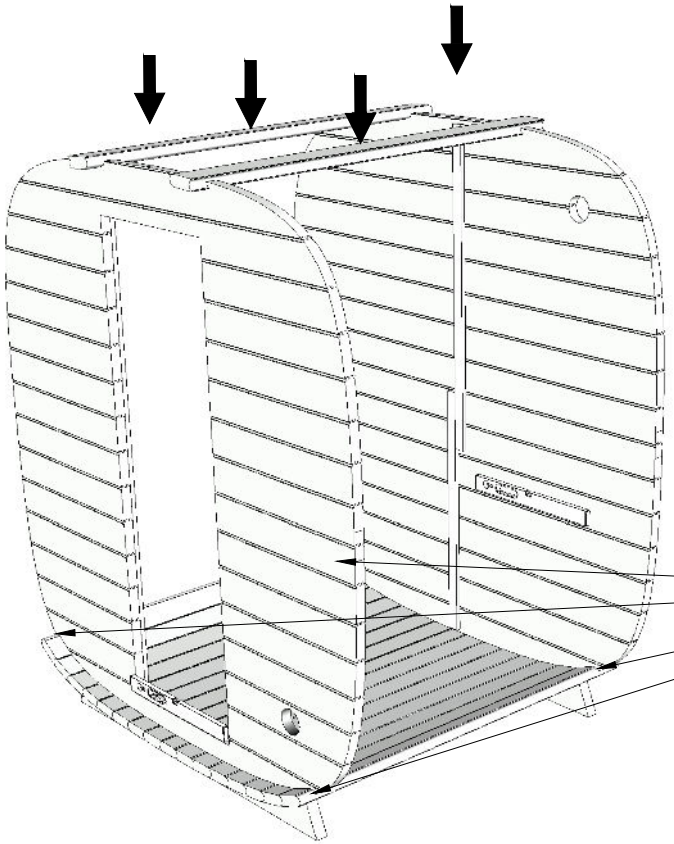
Remove B2 again

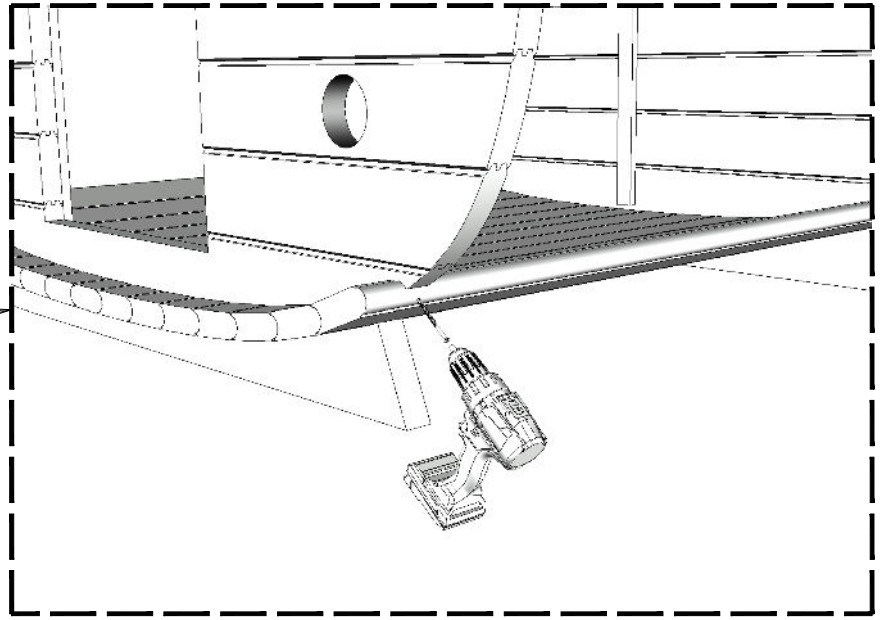


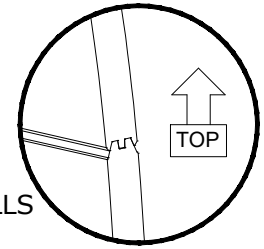
Mount V1 in the drainage hole



NB! use a level







PAY ATTENTION TO THE DIRECTION OF THE WALLS

Screw the walls to the outermost plank with 1 screw each

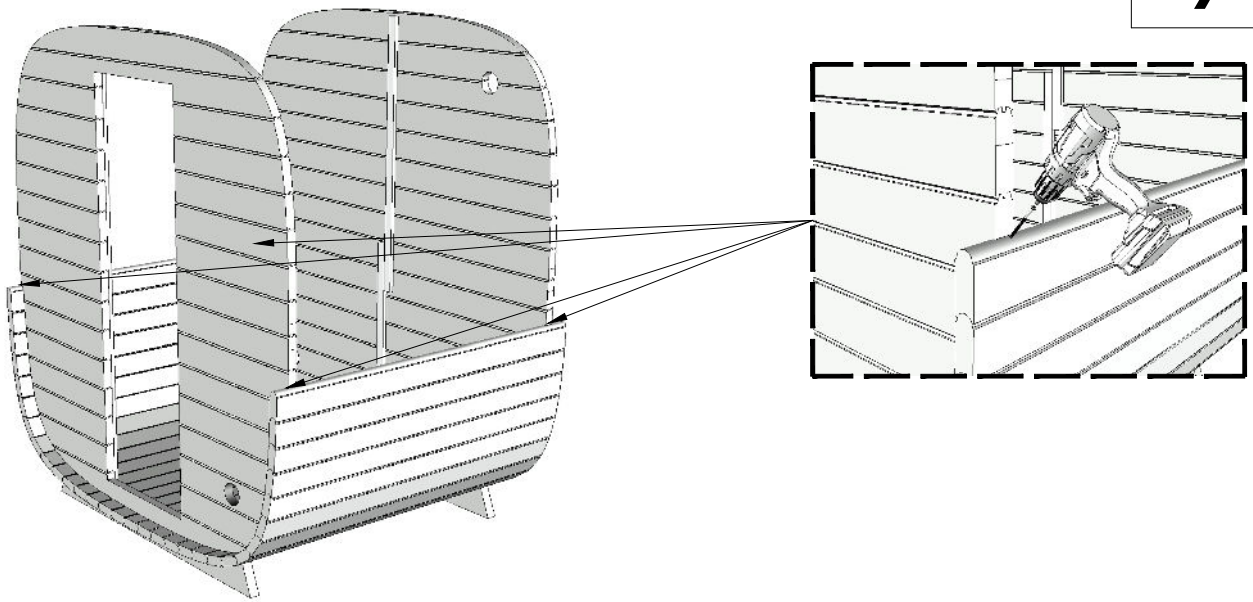
Screws

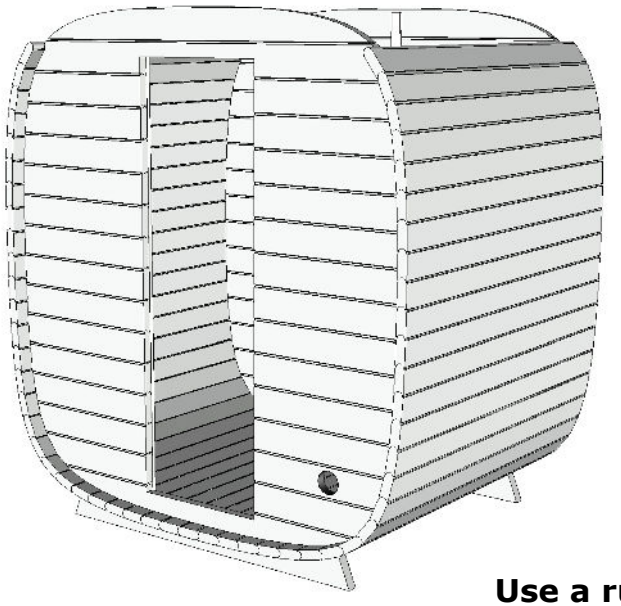
108x 4,5x60

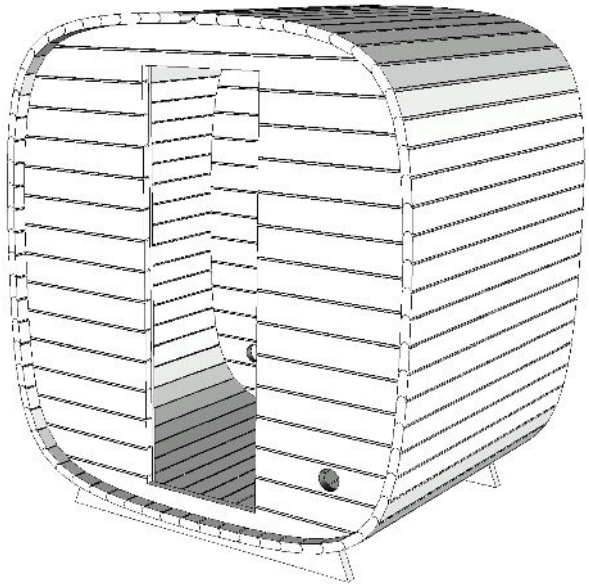
Use B3a and B3b to finish the case

stellen

Screw the side wall planks to the walls

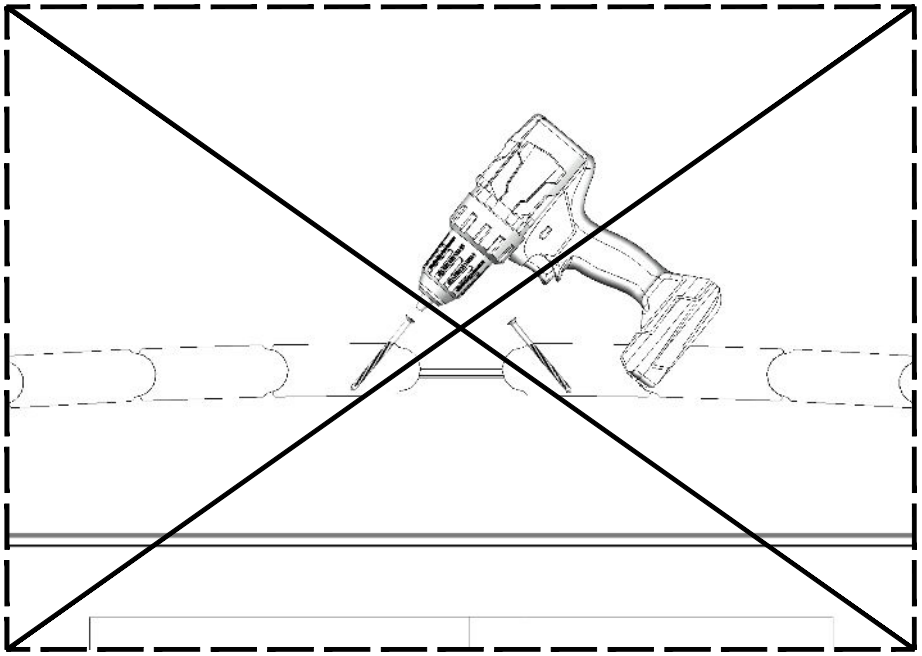




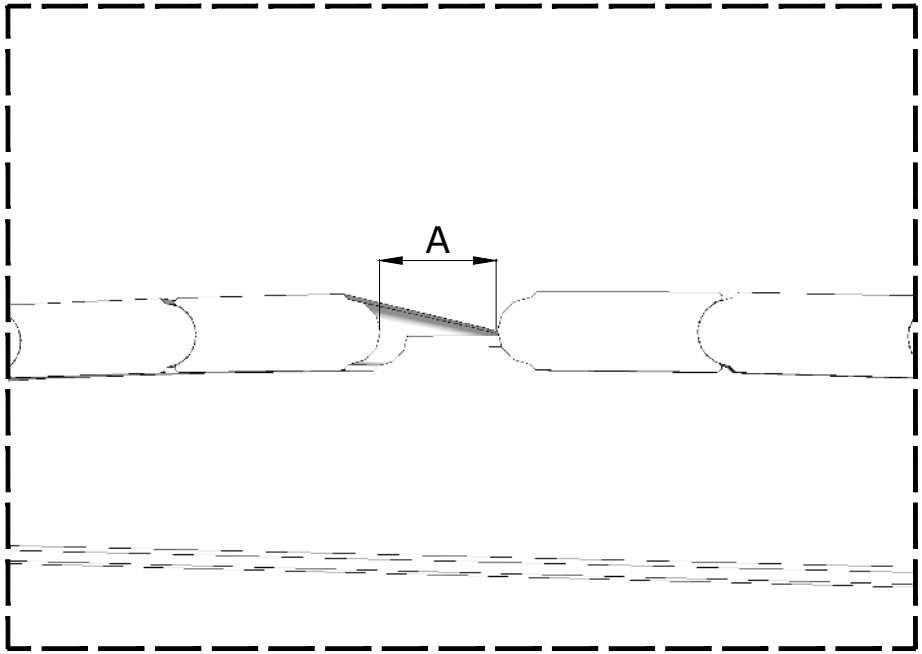


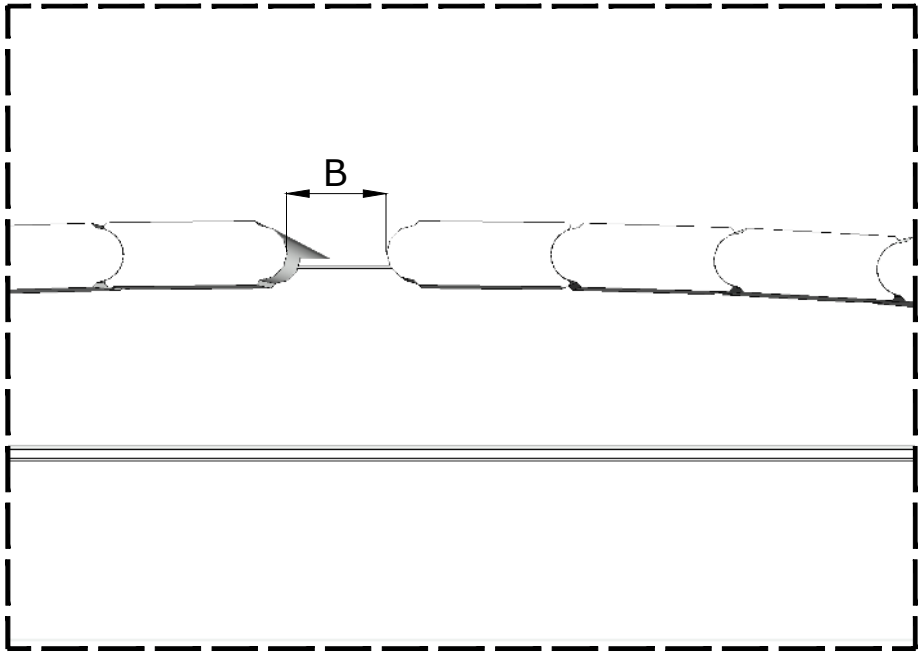
Use a rubber mallet to tap the planks together

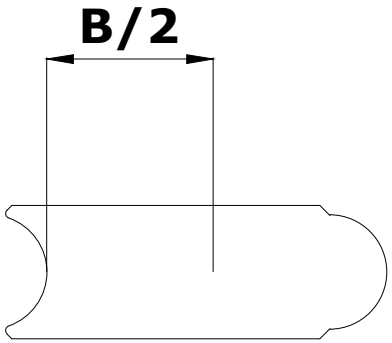
Please do not screw the last two whole planks straight away

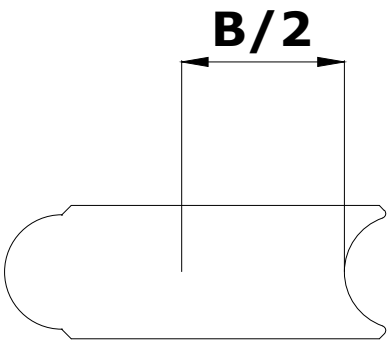


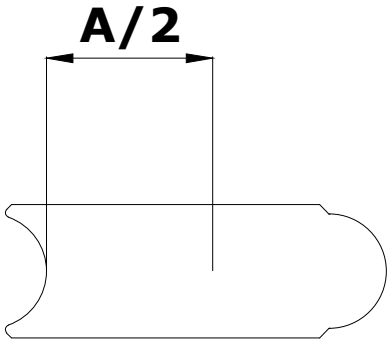
Please measure the gap at the front and back, the measurements may differ

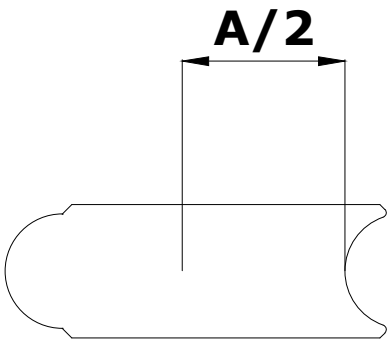




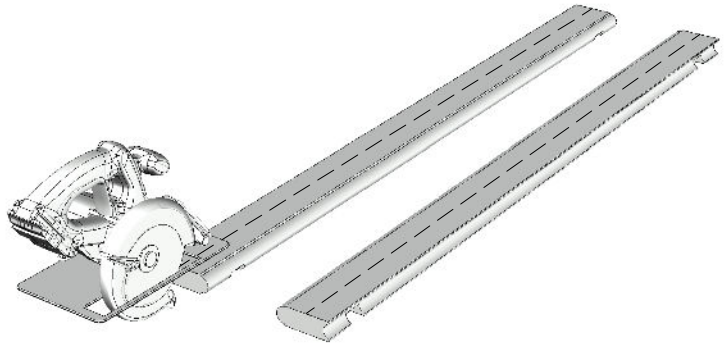








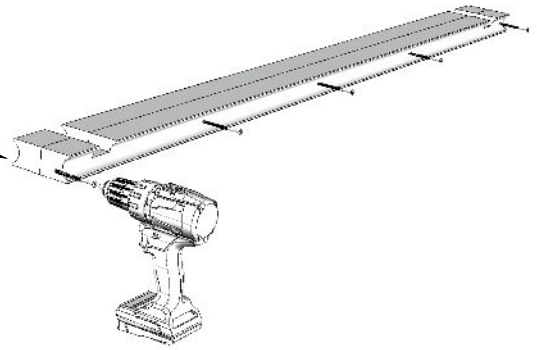
Divide the measurement by two and transfer the measurements to the last two planks. Connect the measurements on the plank with a line and cut .



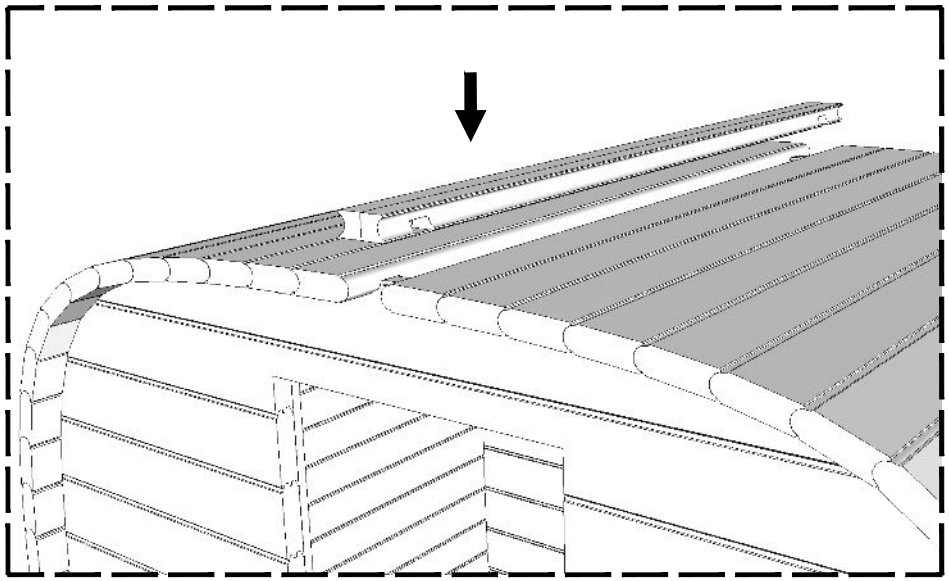
Screws

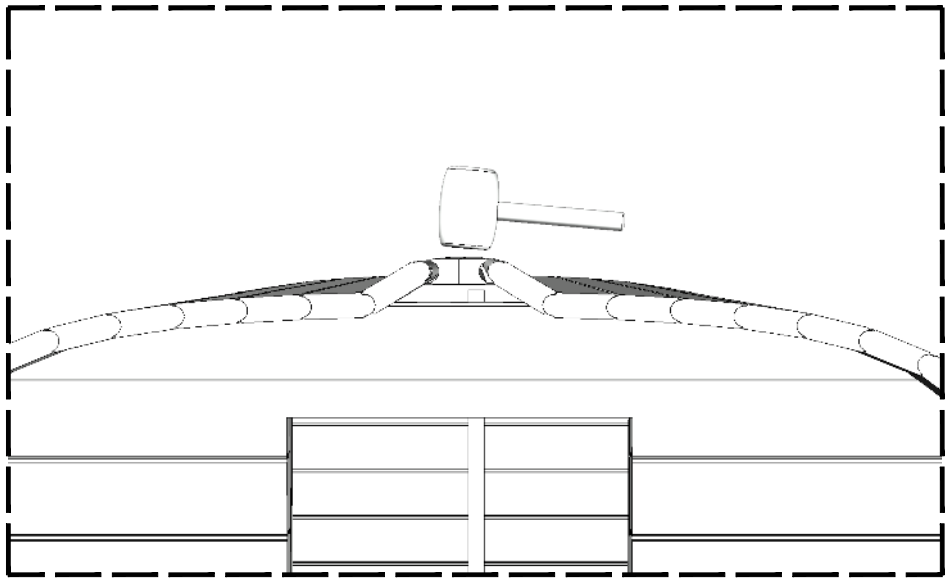
5x 3x40 … 4,5x80

Glue the two newly cut planks together with wood glue and connect them with 5 pieces of 3x40 … 4.5x80 screws

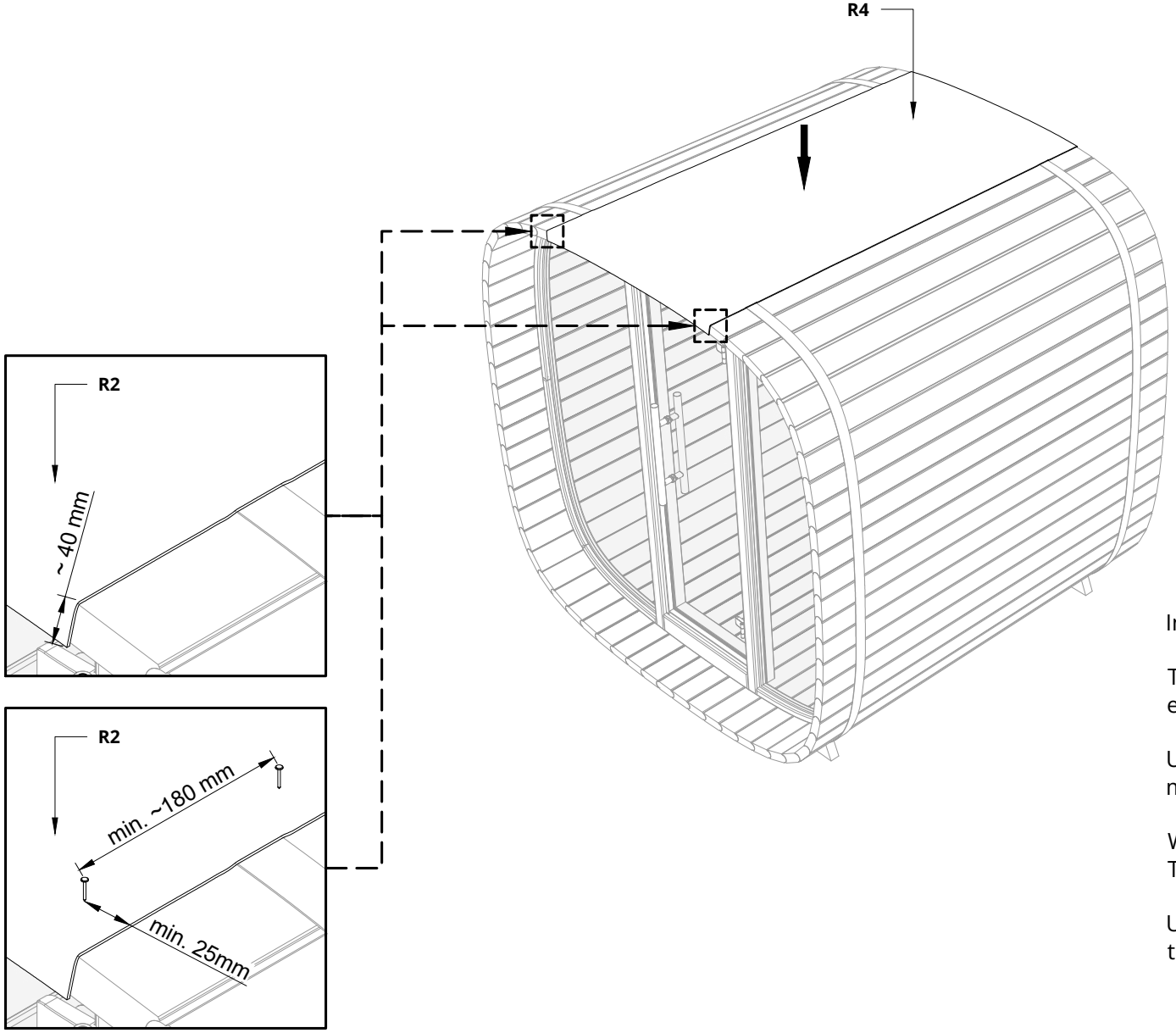


The length of the screws depends on the final width of the last two planks cut





R5	Nail 2,5x25
	



Install the underlay in the center of the roof.

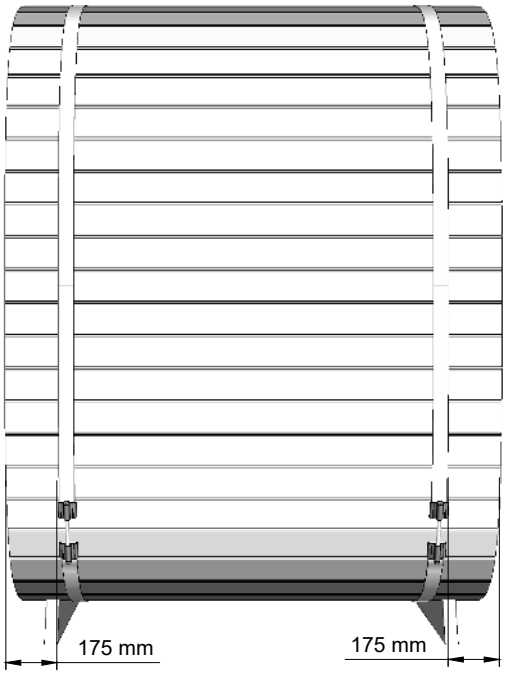
The underlay must extend over the front end and back end at least by 40 mm.

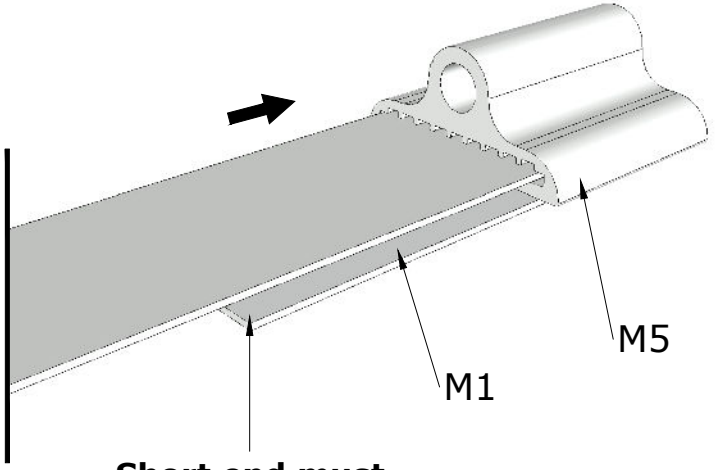
Use nails to fix the underlay, then use a heat source to make it stick to the boards.

When the underlay is in place, their ends must be fixed. They must be bent before fixing with nails.

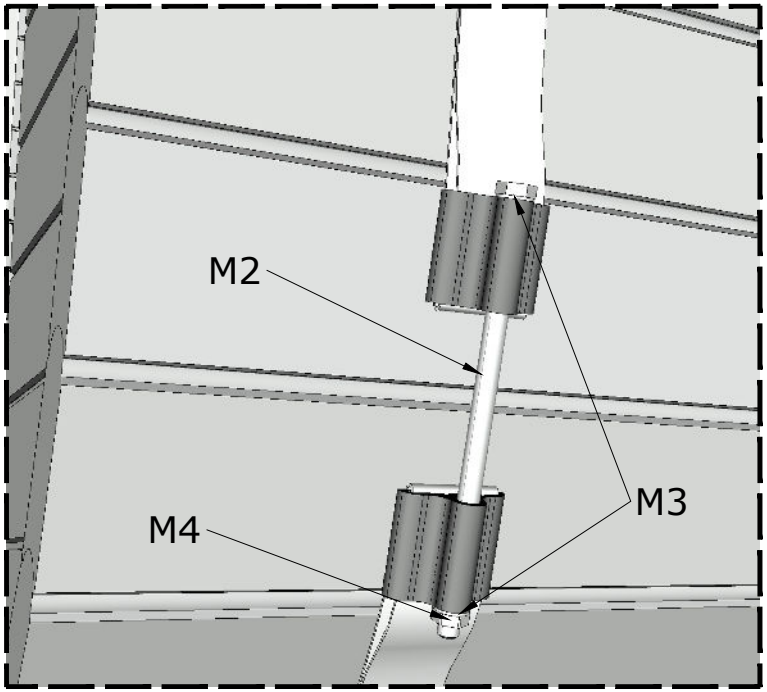
Use a heat source when you bend them, other- wise they may break or leave cracks.

The hex nuts should be tightened until the wall studs are immobile in all directions



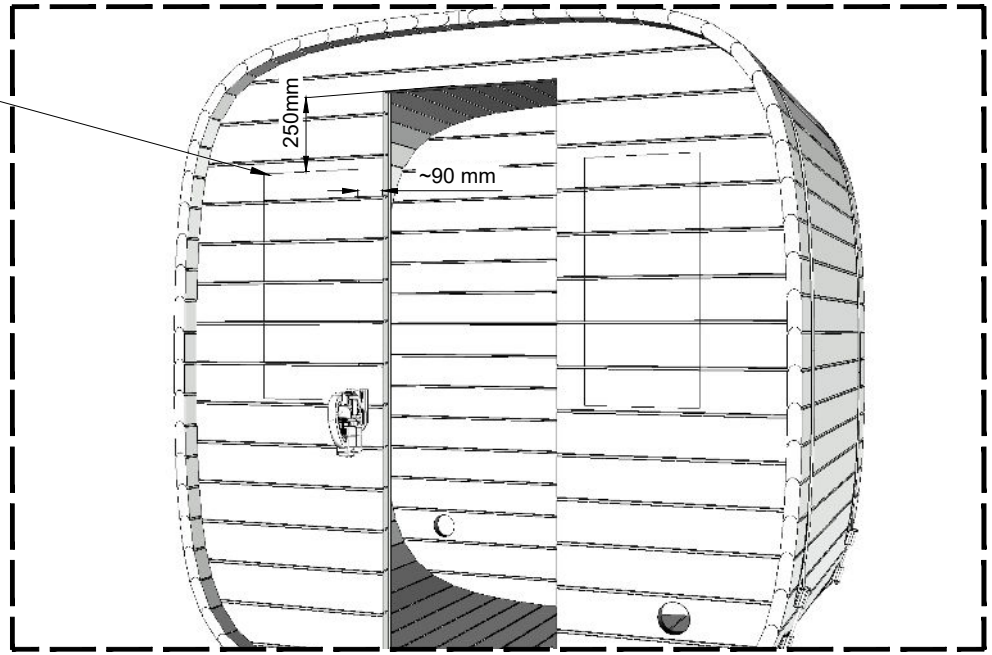


Short end must go down



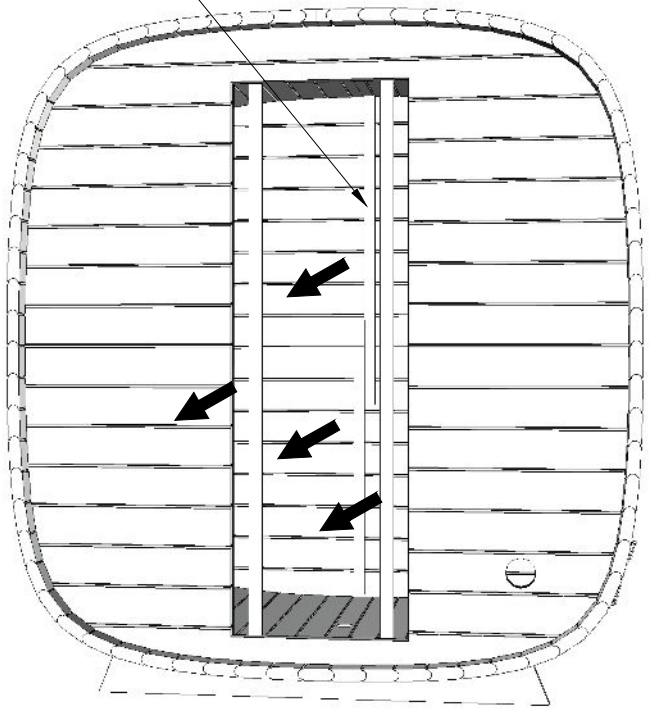
Place the steel straps around the barrel and thread the straps into the eyelet as follows (see sketch)

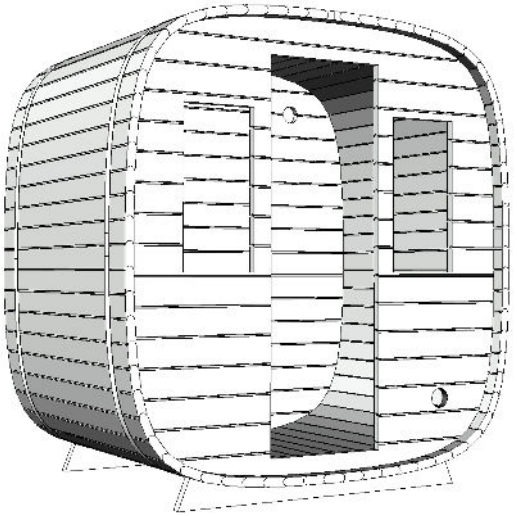
The top of the window should be 250mm lower than the top of the door



Remove the connecting strips from the walls

Cut window sections only if windows have been ordered

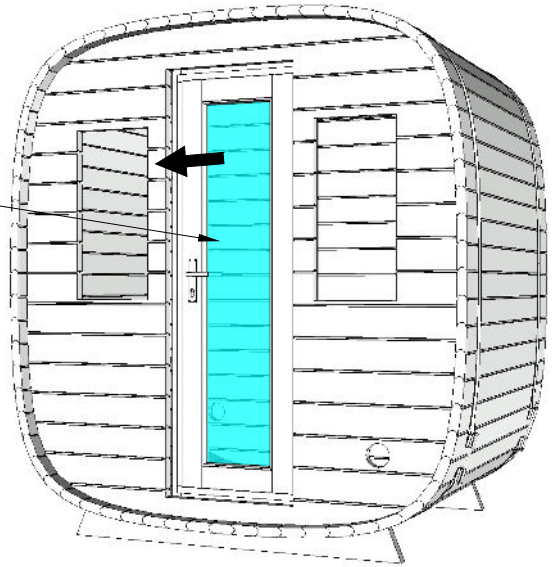




Screws

24x 4,2x75
16x 3x40

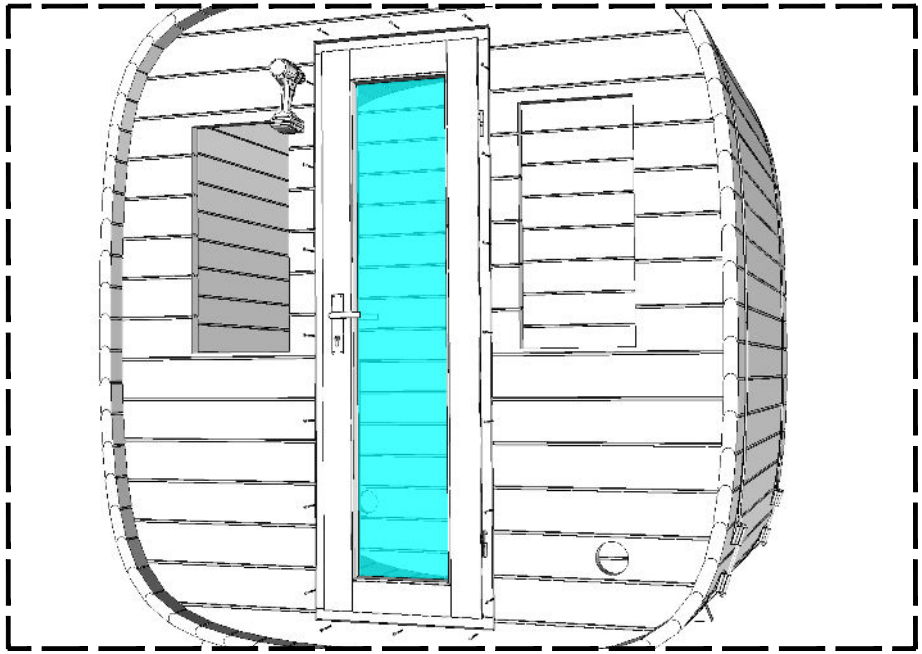
Install the doors from the inside



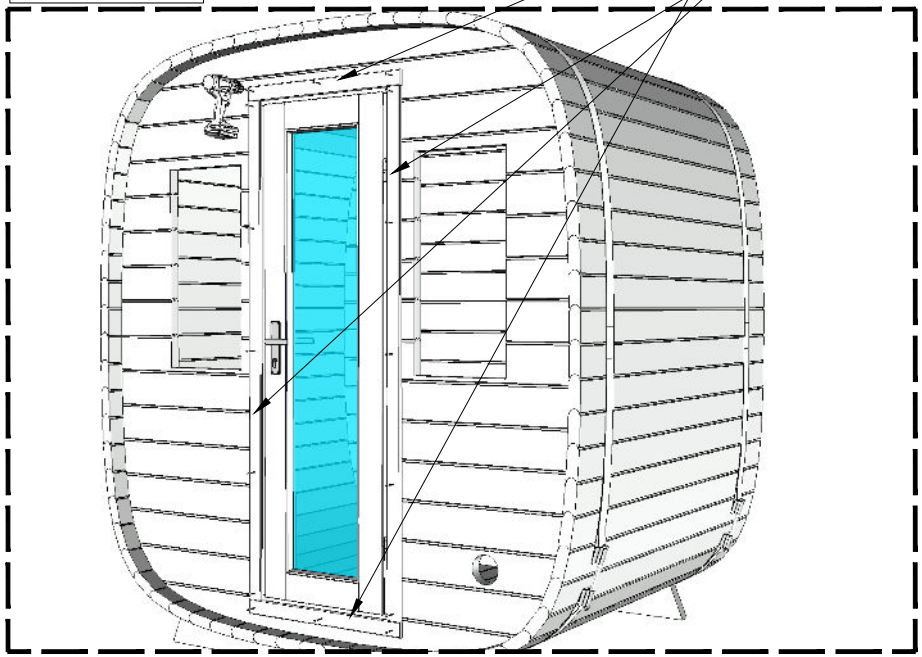
NB! use a level

Screw a screw screw into every second board and three screws at the top and bottom on both doors

24x 4,5x75



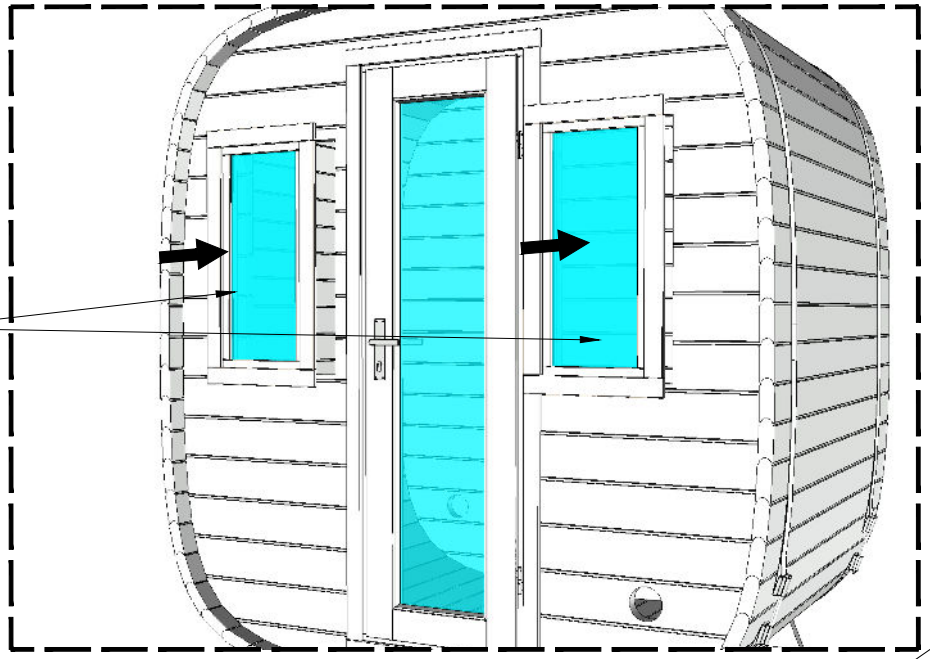
16x 3x40



Screws

20x 4,2x55
20x 3x40

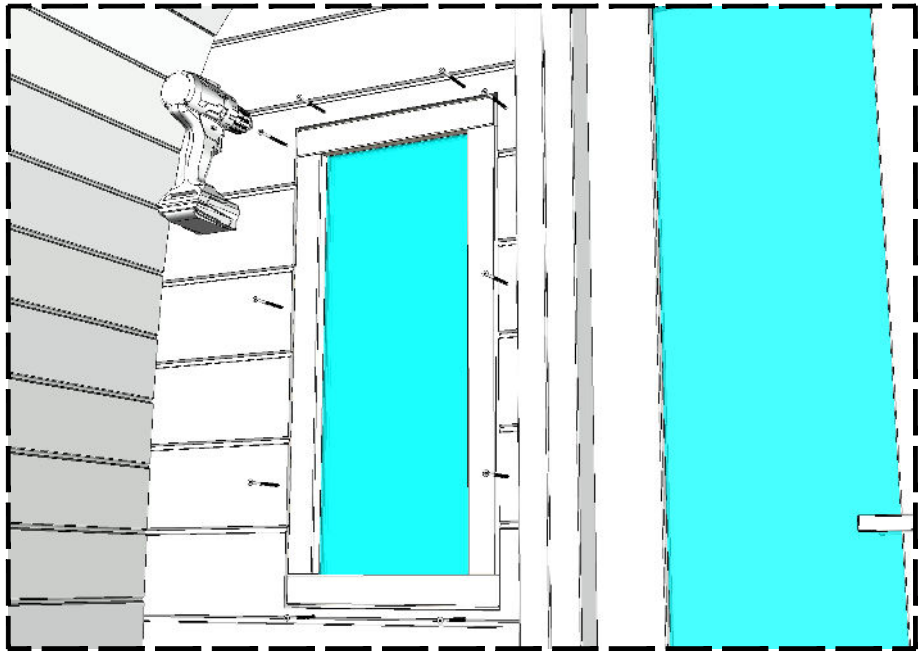
Install the windows from the outside



NB! use a level

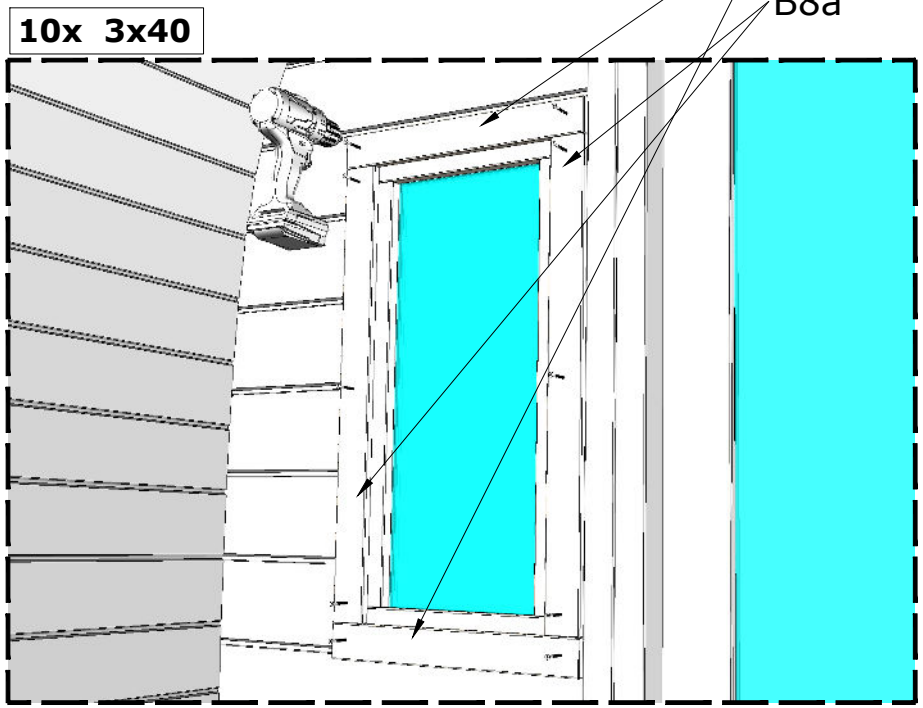
Screw a screw into every second board and two screws at the top and bottom

10x 4,5x55



From inside

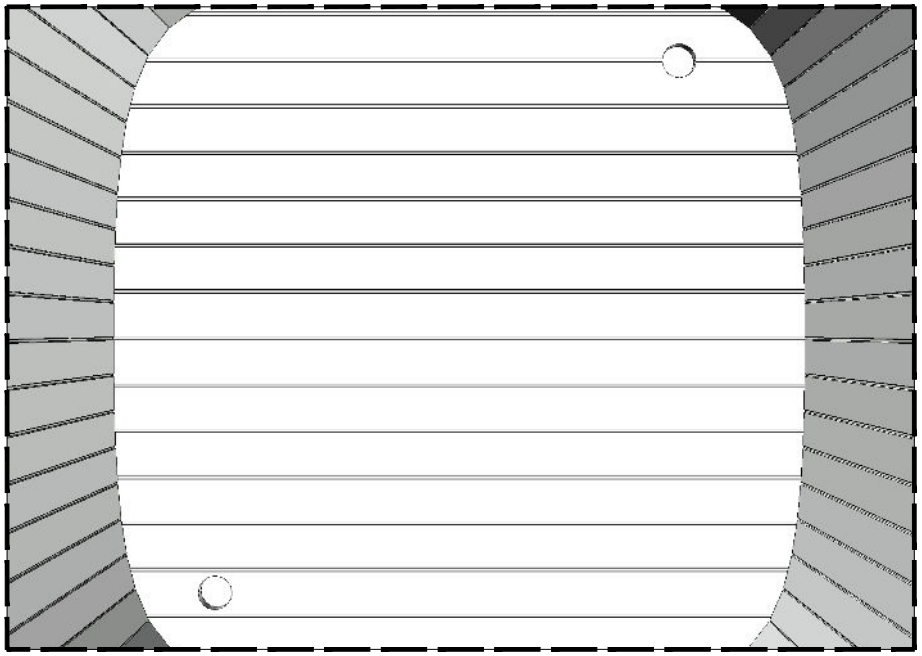
10x 3x40



From inside

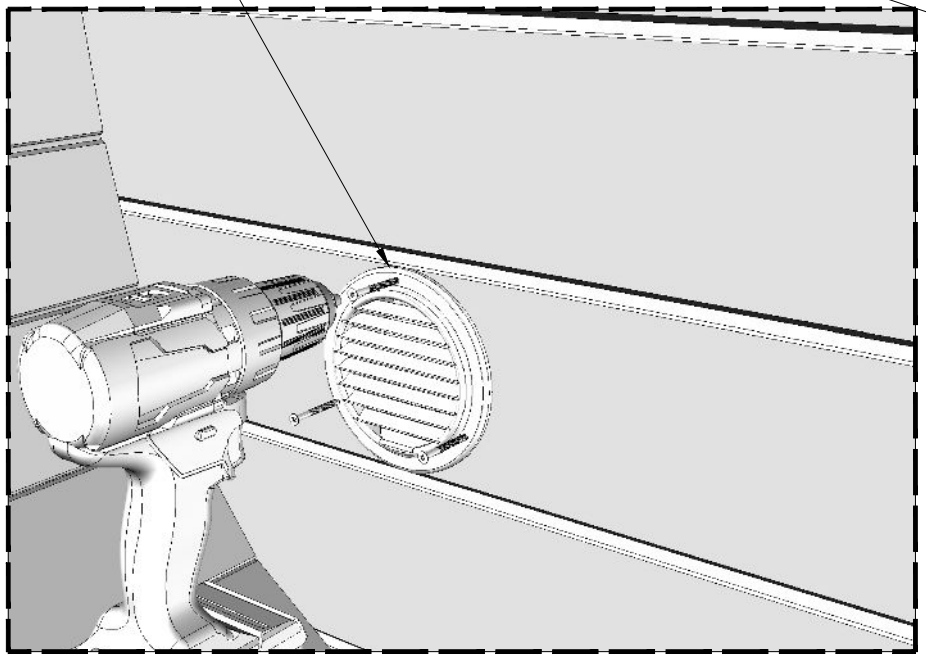
Screws

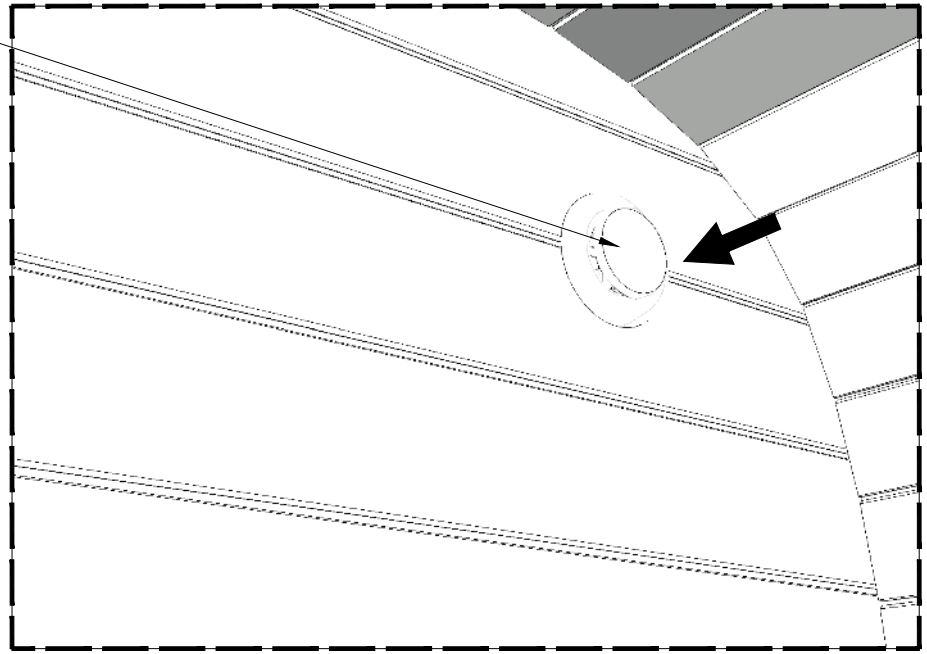
18x 3x30



Mount V2 from both sides with 3x30 screw

Mount V3 from the inside with 3x30 screws and V2 from the outside



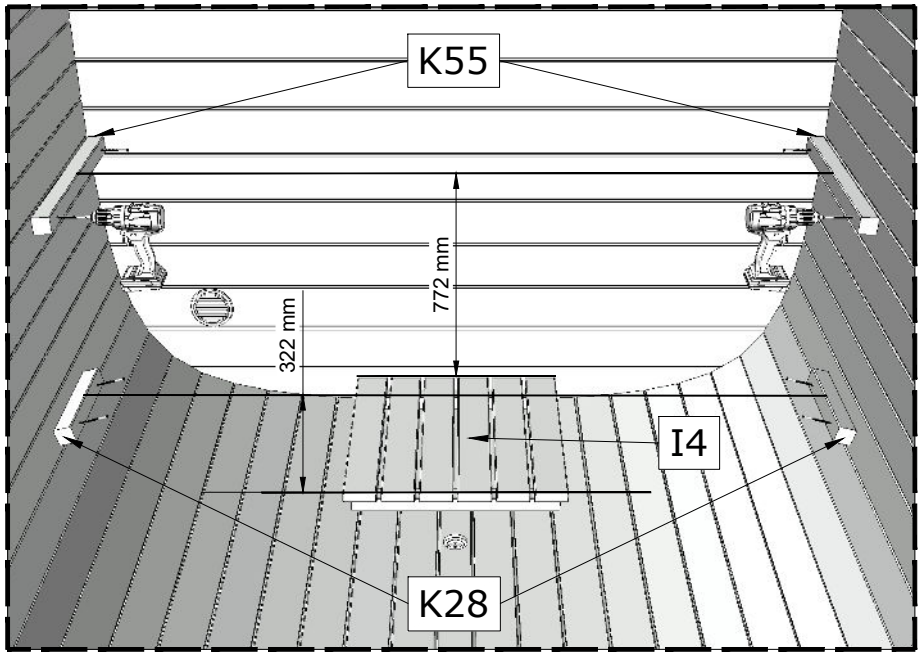


Screws

22x 4,5x80
2x 4,5x60

Use glue and screws to fix K28 and K55 to the wall

8x 4,5x80



Use I4 to measure the height

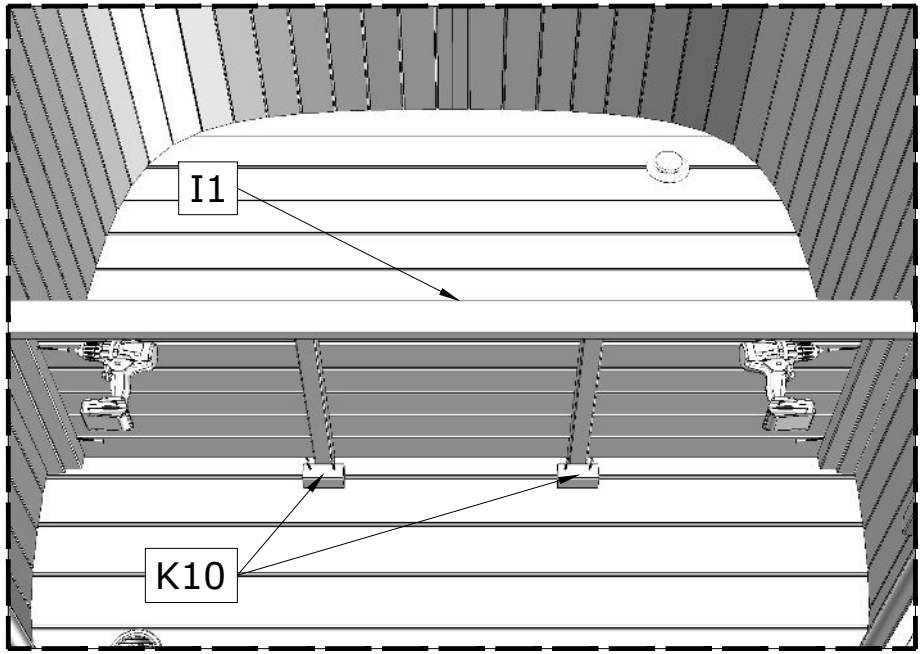
NB! use a level

Attach K10 directly below (45mm) I1

Please drill with a 4mm drill bit before screwing

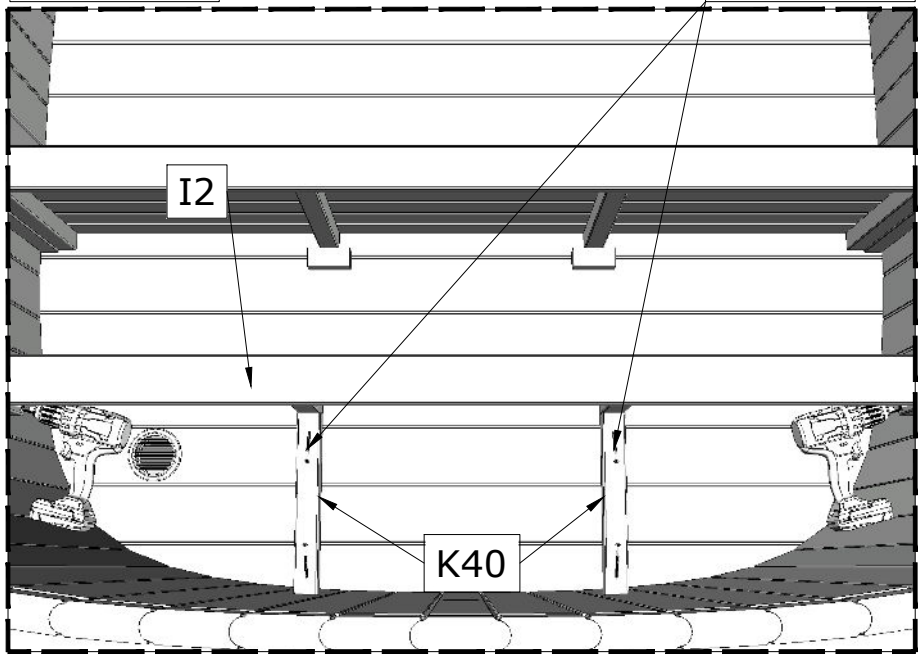
The K40 are longer and need to be cut to size

8x 4,5x80



6x 4,5x80

2x 4,5x60



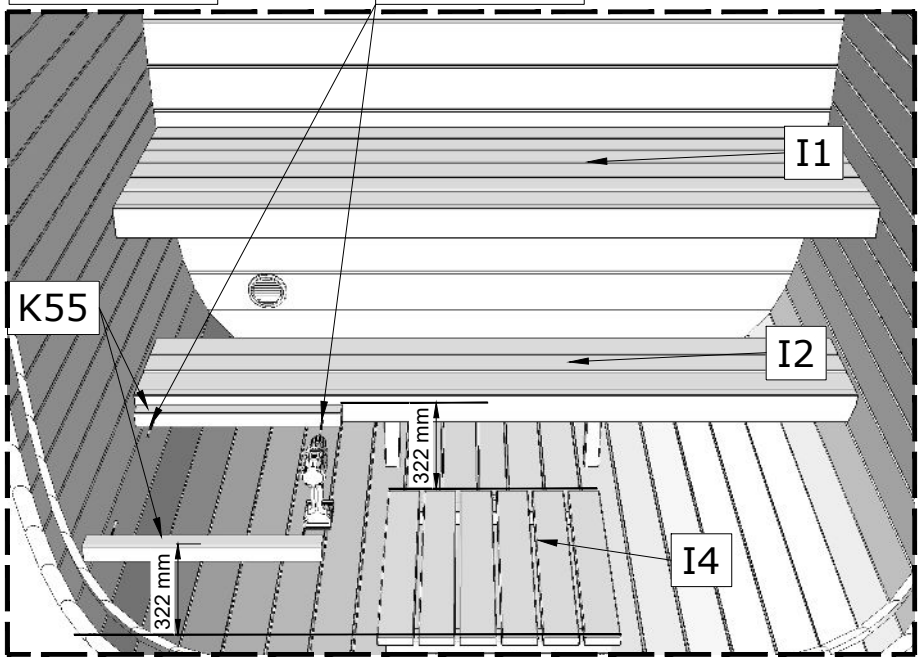
Screws

6x 4,5x80
2x 4,5x60

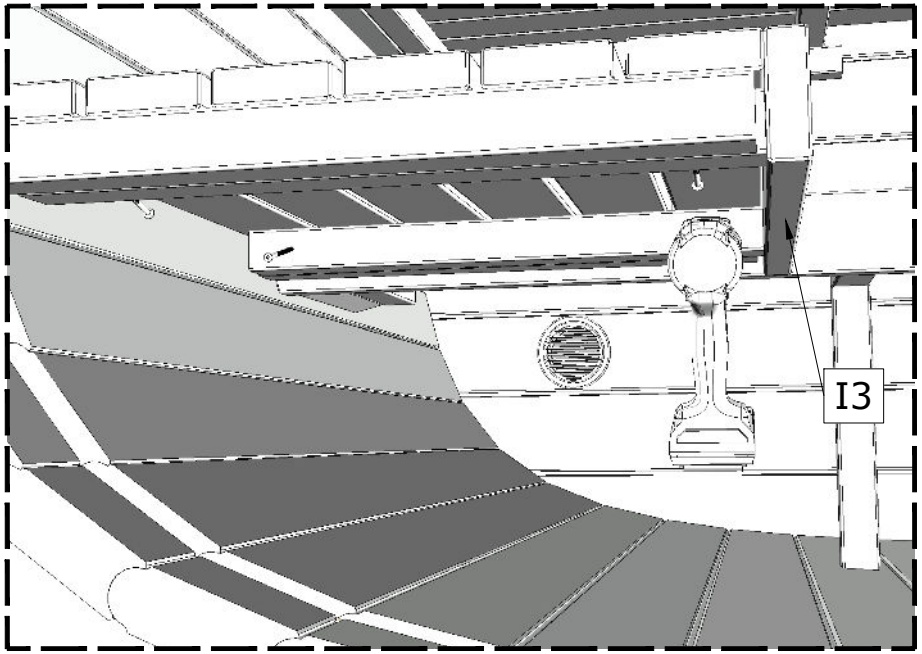
Mount K55 27mm down from top of I2

NB! use a level

2x 4,5x80 **2x 4,5x60**



4x 4,5x80



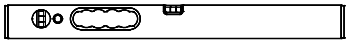
Use glue and screws to fix K55 to the wall

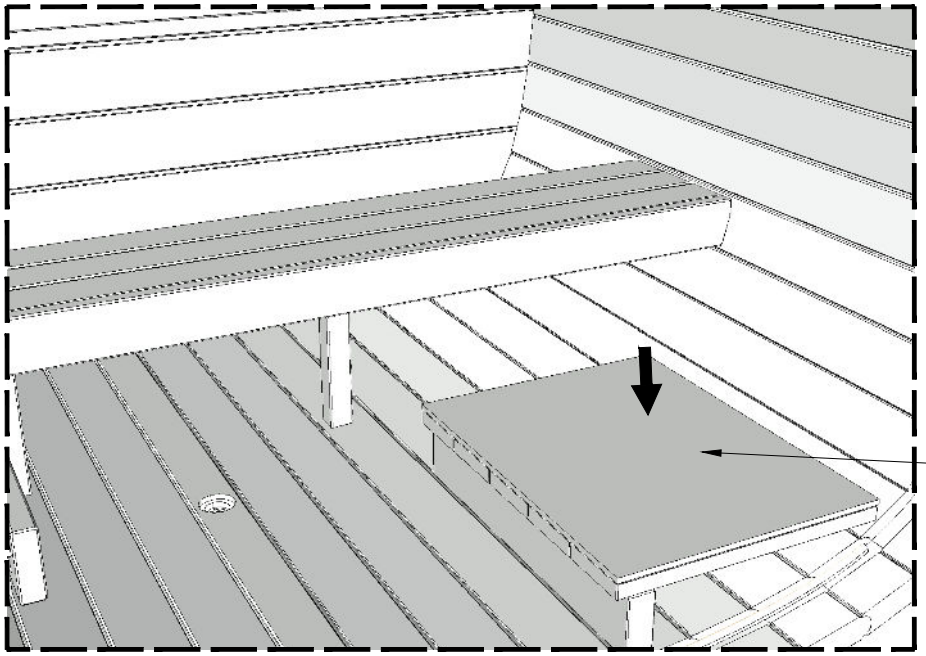
Use I4 to measure the height

Screws

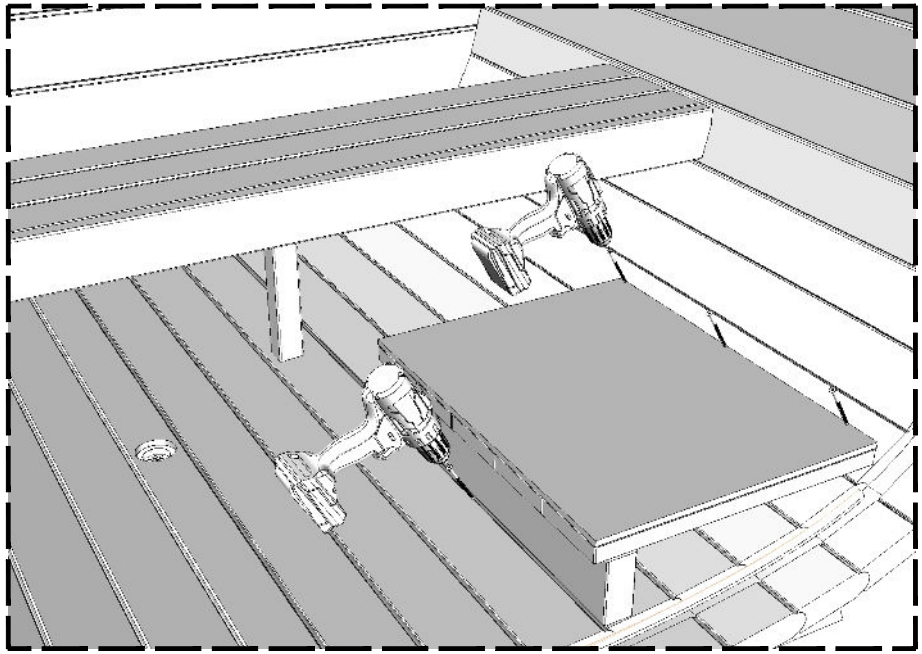
4x 4,5x80

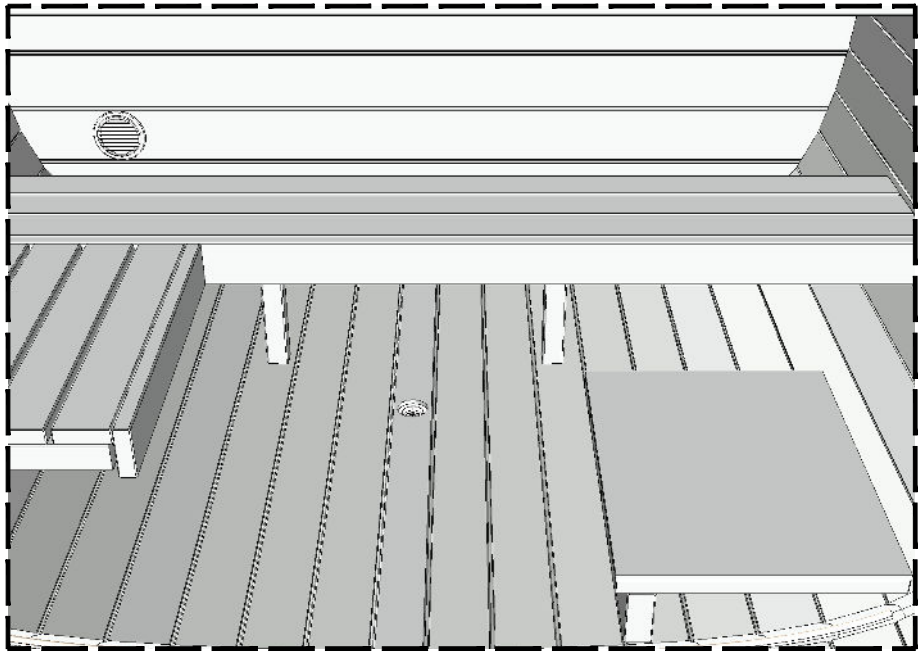
NB! use a level

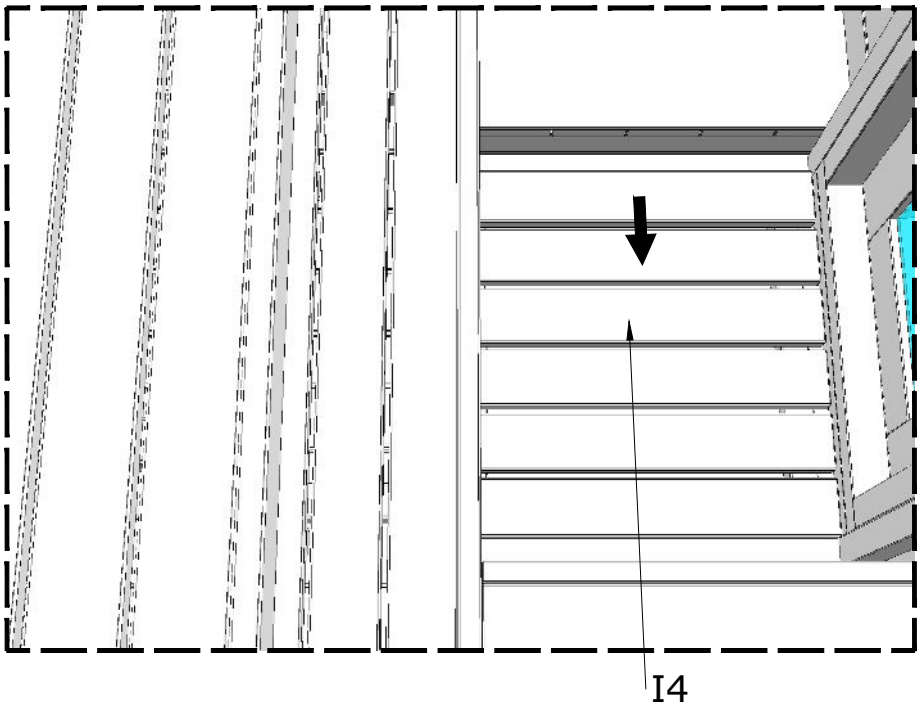




4x 4,5x80







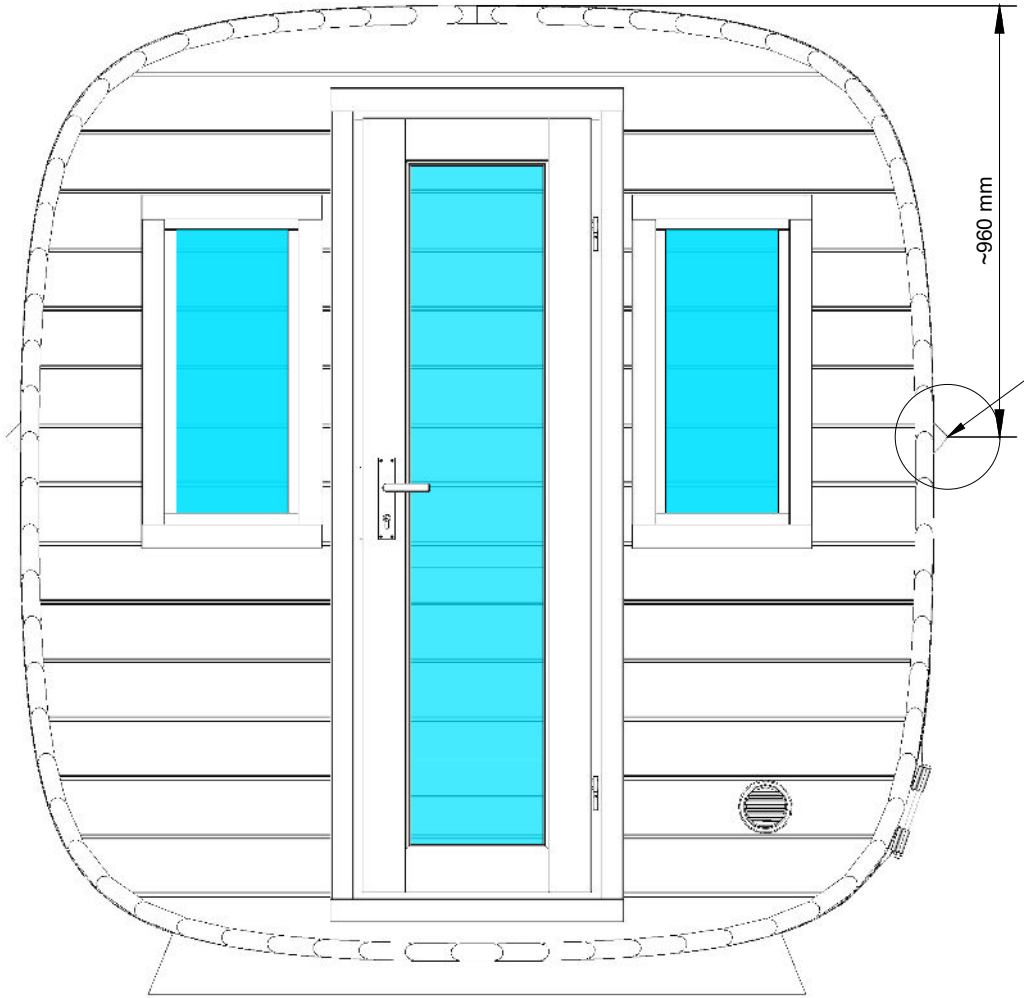
I4 is installed without screws so the floor can be cleaned

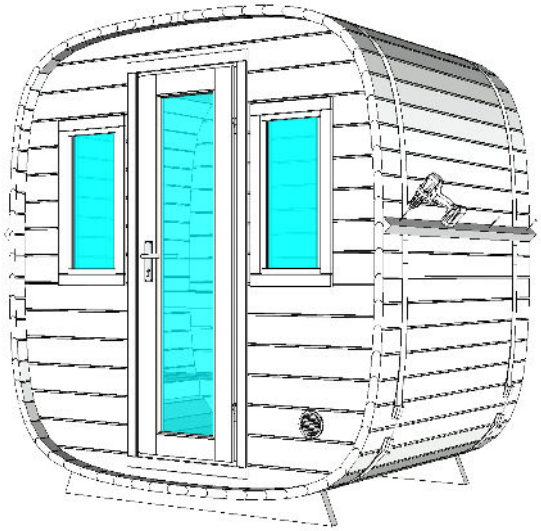
Screws

8x 4,5x60

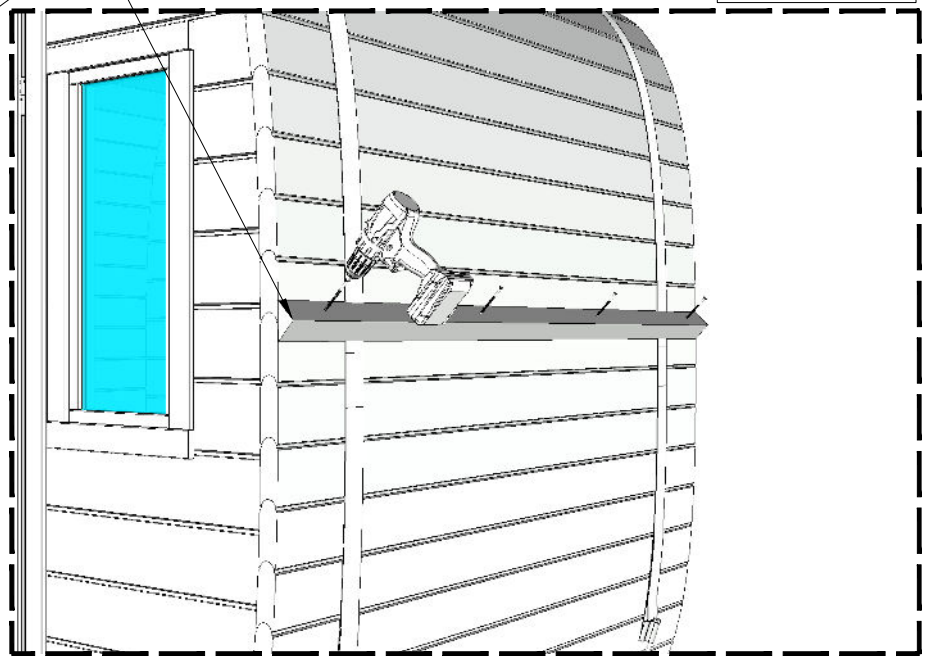
Install the DE on both sides of the exterior walls. Please install according to the measurements given!

NB! use a level

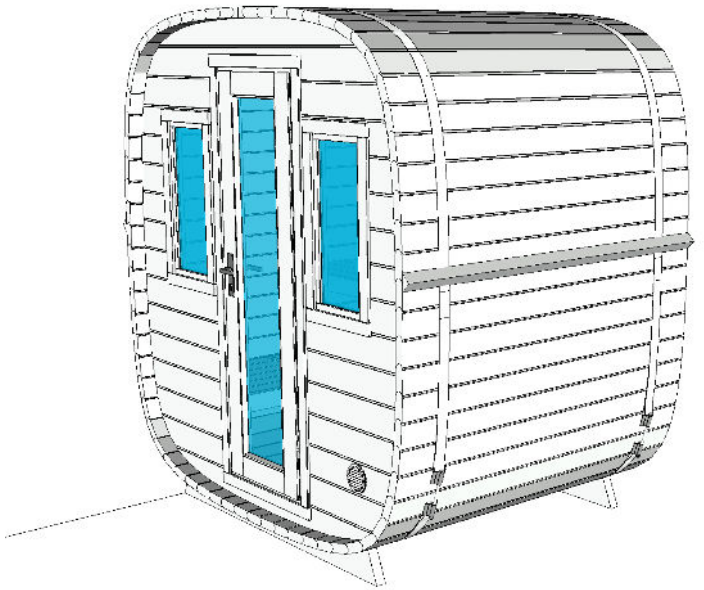




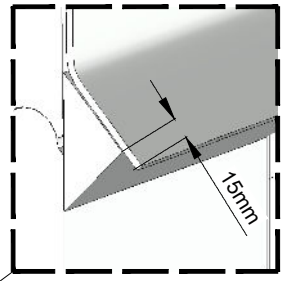
4x 4,5x60



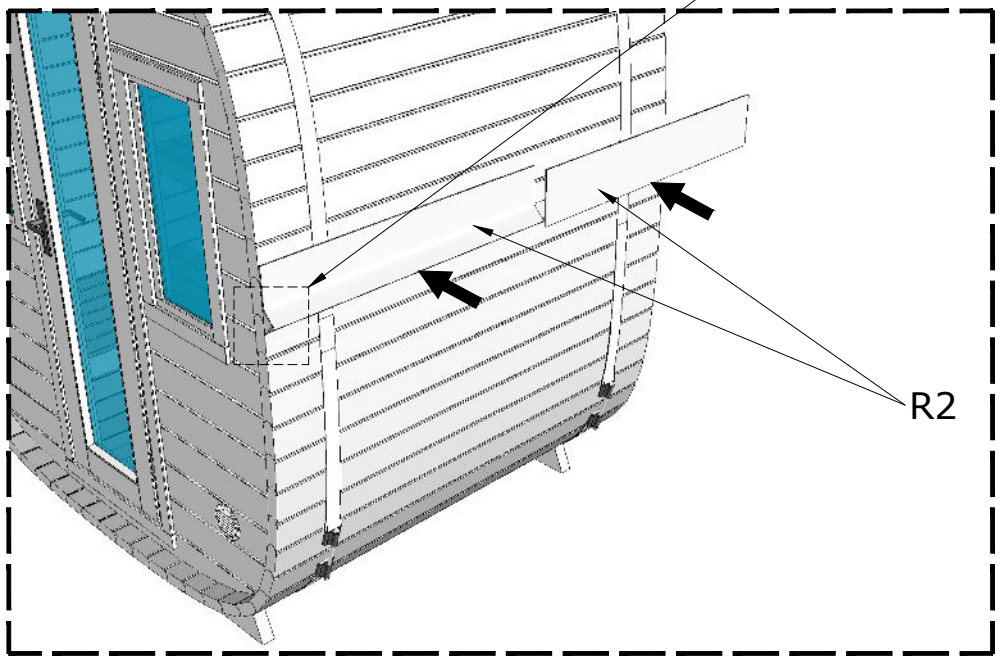
Please start from both sides from below, both sides meet at the top in the middle

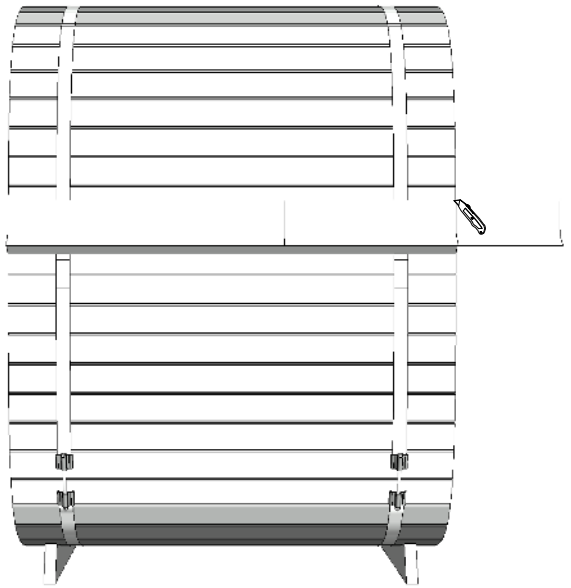


Let the roofing felt hang over DE by about 15 mm

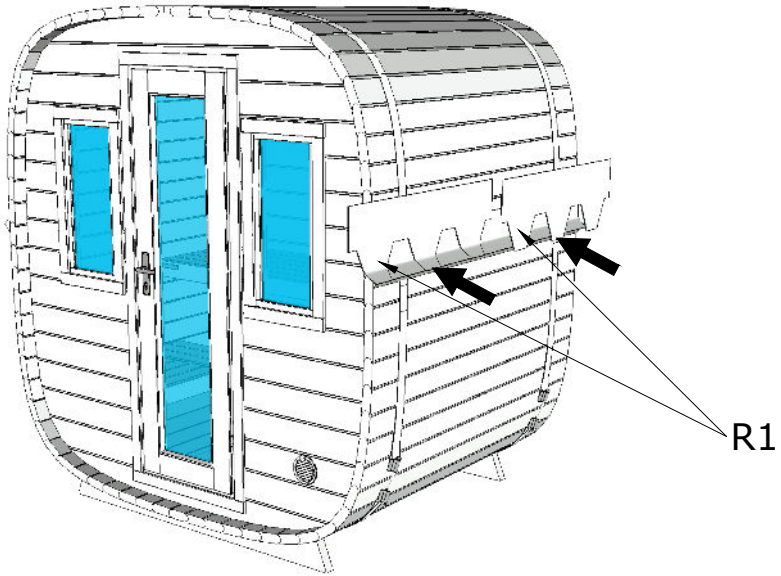


Use small nails to install the roof shingles. Also use the roofing shingle manual as an aid to the proper installation of the shingles





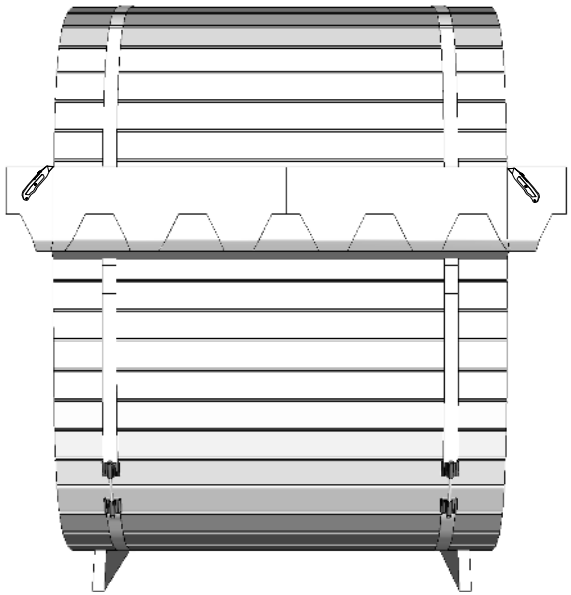
Please start from both sides from below, both sides meet at the top in the middle

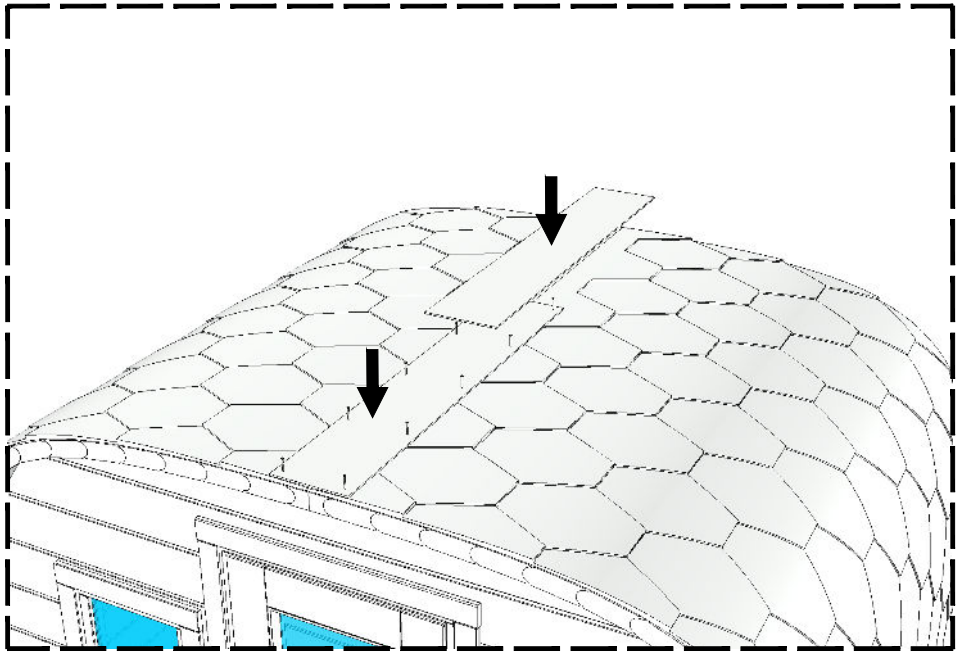


Use the nails described in the instructions for the shingles

Finish the roof shingle covering at the top with the shingles and cover the top end with R2, please overlap the shingles by at least 50mm

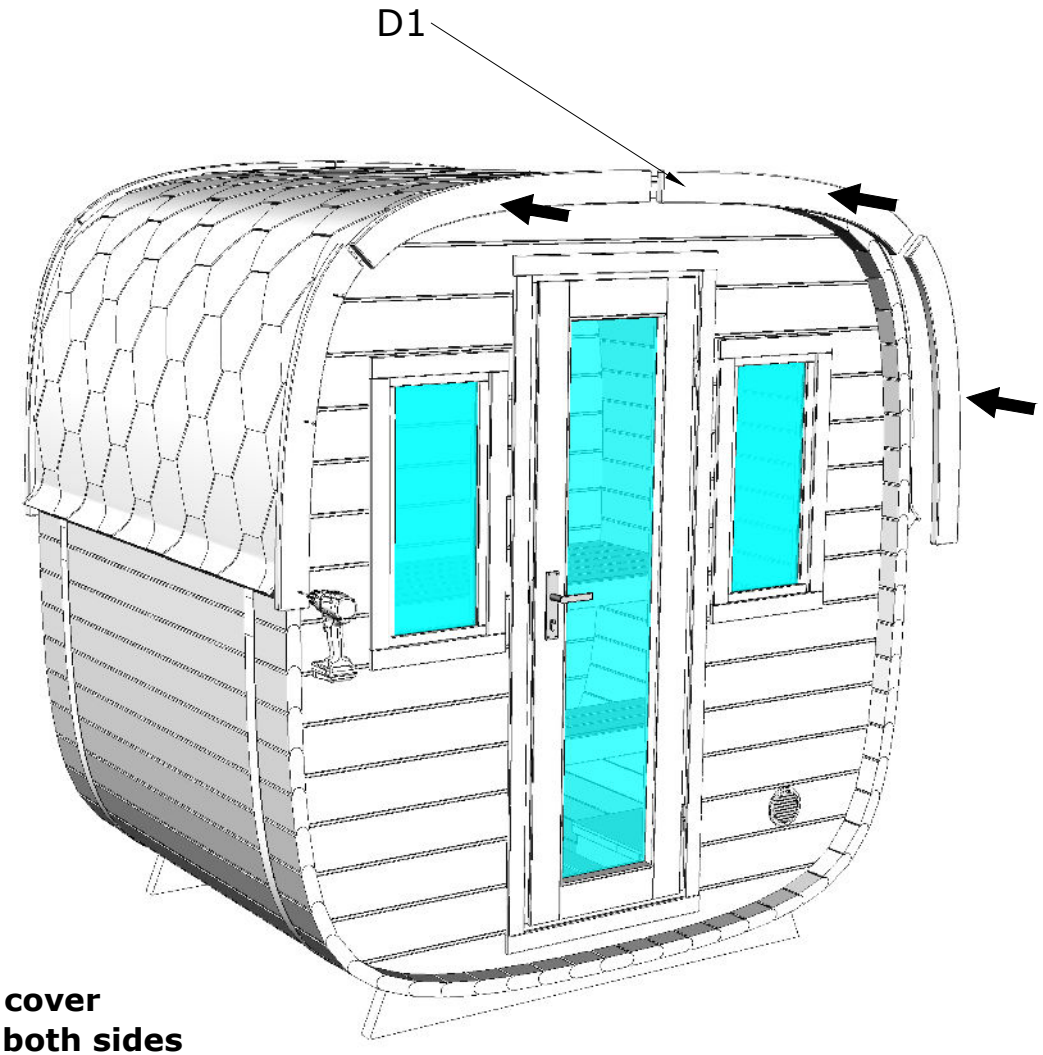
Cut the last piece and use it to start the next row





Screws

24x 4,5x80



Screw the cover boards on both sides

DOOR ADJUSTMENT MANUAL

1) Vertical adjustment of the door sash

The hinge on the side of the sash has a height adjustment bolt (fig.1), from which is possible to adjust the distance between the hinges. Turning clockwise, the hinges move further apart, and the door sash moves higher. It must be remembered that all hinges should be equally set at the same height, so as not to burden just one hinge.

Fig.1 Sash hinge height adjustment bolt

2) Horizontal adjustment of the door sash

The horizontal adjustment of the door sash can be done through the hinge on the frame (fig.2). Turning the bolt clockwise moves the sash closer to the hinge, turning counter-clockwise, moves the sash away from the hinge. The door sash should be adjusted so that the frame is at an equal distance from the edge of the frame. When turning the bolt, you should manually support the sash in the same direction so as not to bend the hinge.

Fig.2 Frame horizontal direction adjustment bolt

3) Adjusting the depth of the door frame

The distance of the door sash to the door frame can be adjusted both by the hinges (fig.3) and by the lock (fig.4). The distance between the sash and the frame can be adjusted by the hinges by turning the bolt in Fig.3 – clockwise, the sash moves closer to the frame, counter-clockwise further. The distance between the door sash and the frame on the lock side can be adjusted by bending the metal “ears” in figure 4 apart with a screwdriver. If necessary, the “ears” can also be back with a screwdriver.

Fig.3 Door sash depth adjustment bolt

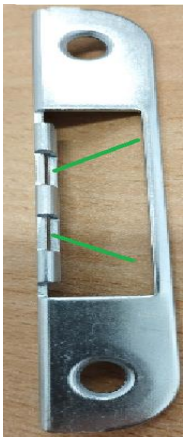


Fig. 4 Depth adjustment points on the lock side

4) Door finishing guide

- Clean the door from dust and dirt
- Remove or cover the lock, handles and hinges
- The product to be finished, must be dry and dust-free
- Finish the door with a suitable primer (NB! Finish both sides of the door)
- Finish the door with a substance suitable for outdoor conditions

Finishing is important so that the door maintains smooth closing and is durable in outdoor conditions.

ADJUSTING THE HINGES

- Remove plastic from hinges (first picture). To remove plastic, lift it from the places indicated by the red lines;
- To regulate hinges you need TORX 30 bit and cordless drill;
- Loosen the bolt shown in figure slightly. (DO NOT OPEN COMPLETELY);
- If both hinge bolts are slightly loosened, it is possible to move the glass in the directions shown in the figure;
- If the glass is set to the required distance, the bolts must be tightened again.

ADJUSTMENT OF THE ROLLER-LOCK

- PH2 screwdriver required;
- The roller lock can be adjusted by turning the screw indicated by the red line;
- Turning clockwise moves the roller inward and turning counter-clockwise moves the roller outward;
- The roller should be adjusted so that the glass moves freely behind the roller without applying force.