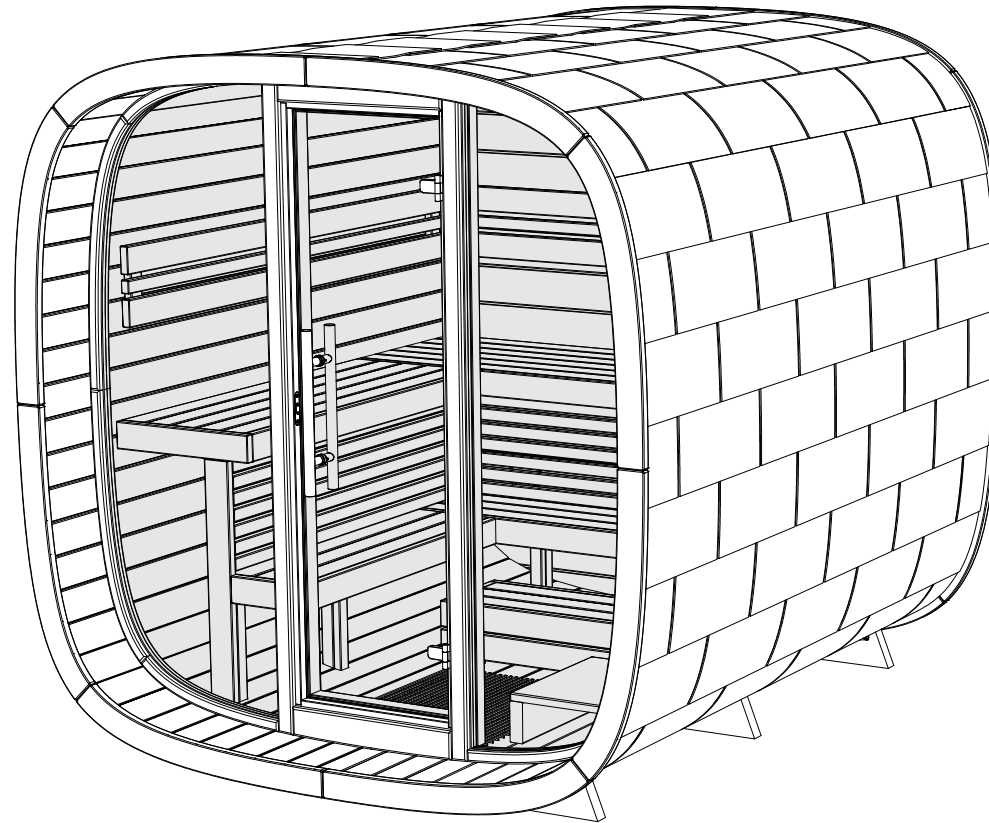


# Round Cube MINI 2.4

Construction guide



*Check the parts for completeness before assembly!*

## USER MANUAL OF THE SAUNA

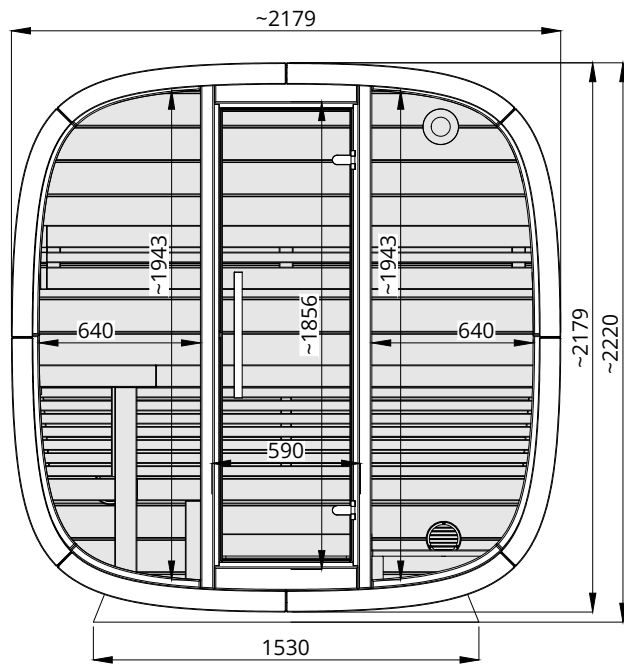
1. It is recommended to install the sauna above ground level to prevent the legs of the sauna from coming into direct contact with the ground. Install a water-resistant material, such as bitumen strips, between the legs of the sauna and the base.
2. Make sure that the surface on which you install the 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<sup>2</sup> 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

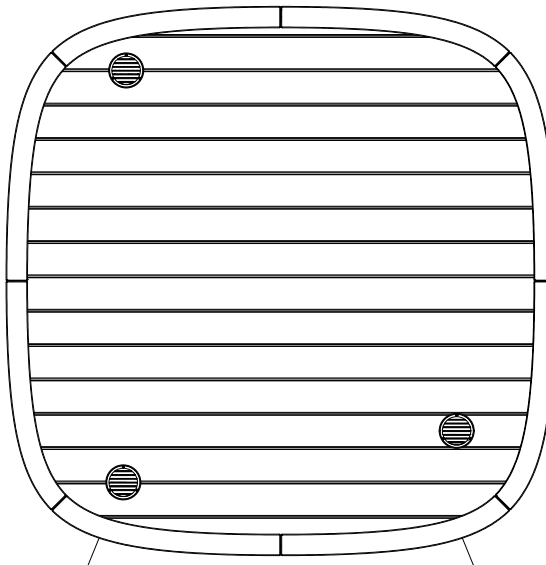
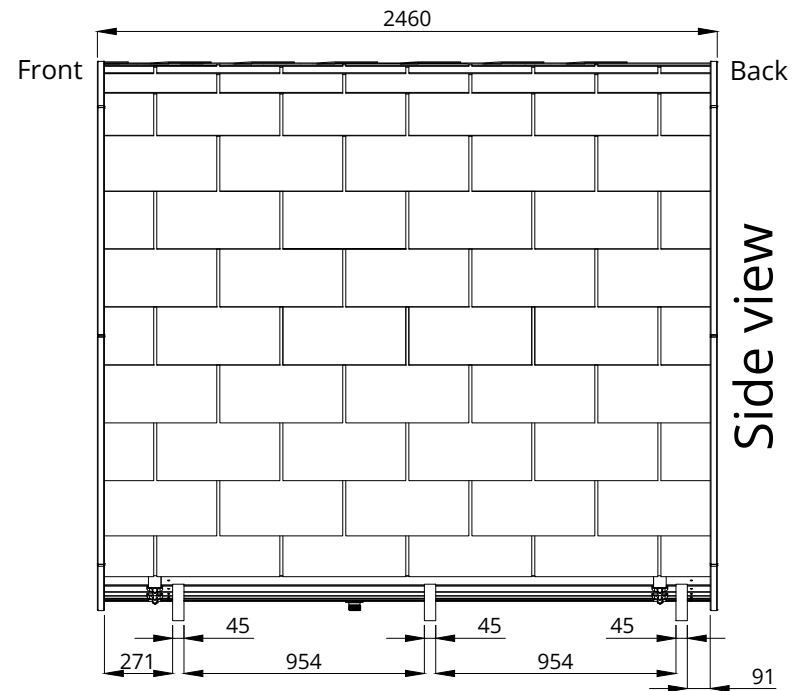
1. **The interior surfaces of the sauna, the window frames of the steam and washing room, and the frames of interior doors must be treated with a special substance before initial use to protect them from humidity and dirt and extend the useful life of the sauna.** Later, this should be done once or twice 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).



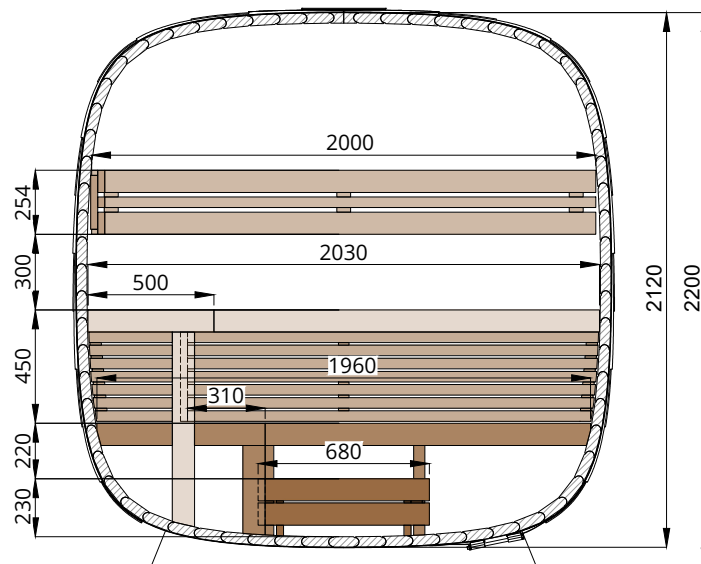
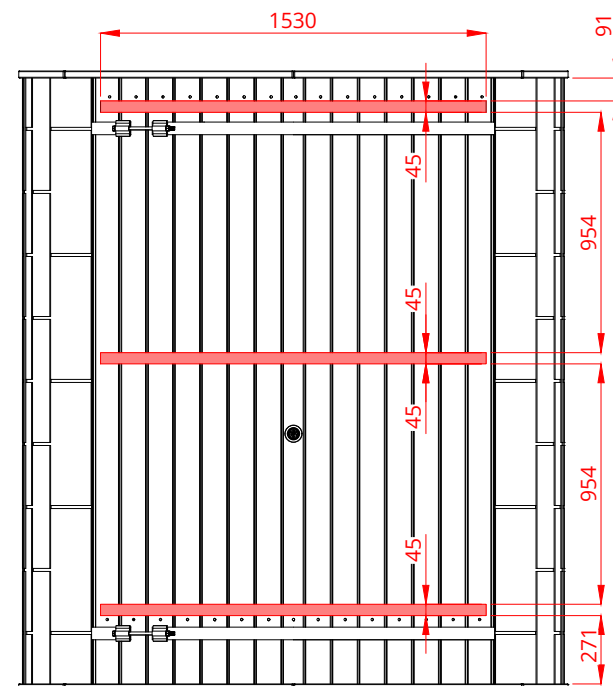
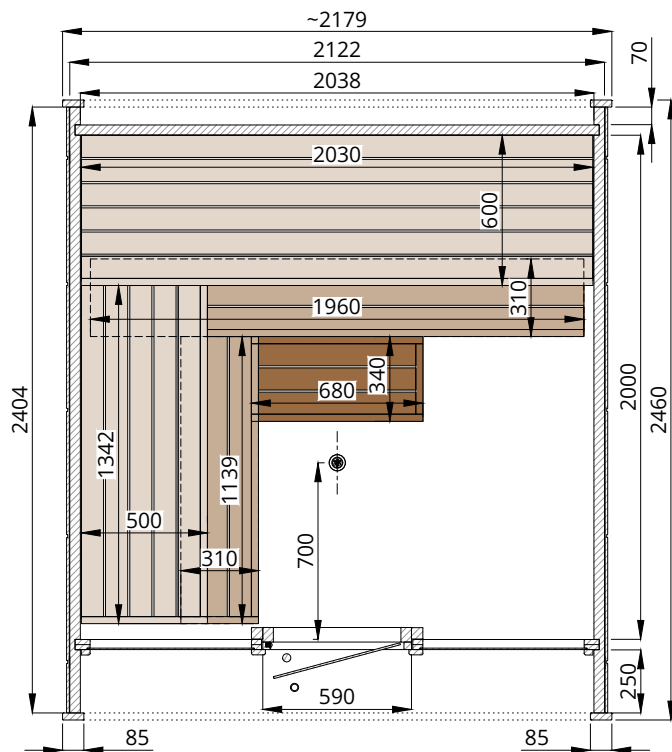
Front view



Back view

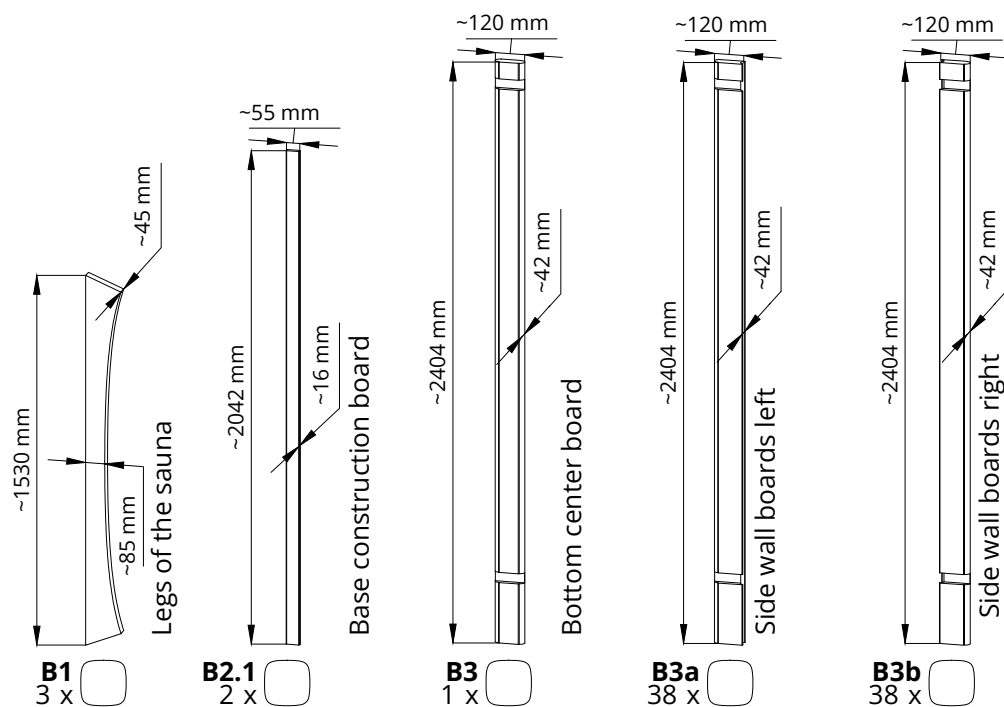
Scale 1 : 30

Round Cube  
MINI  
drw.1

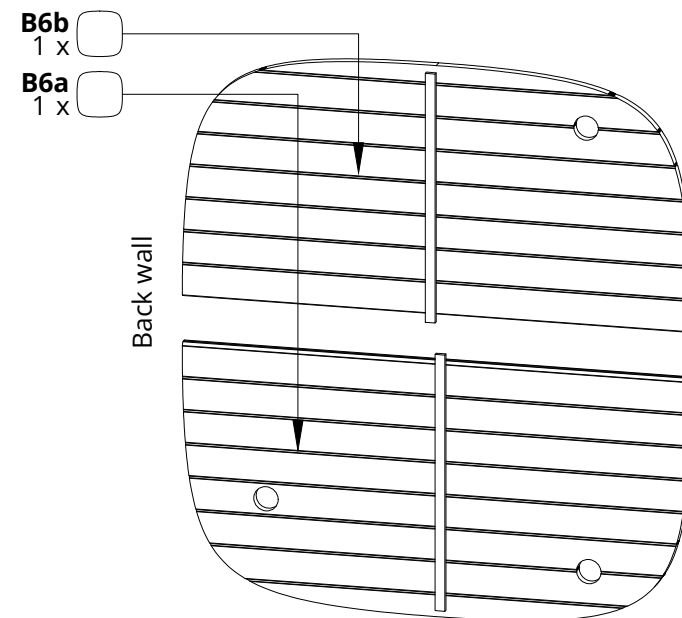
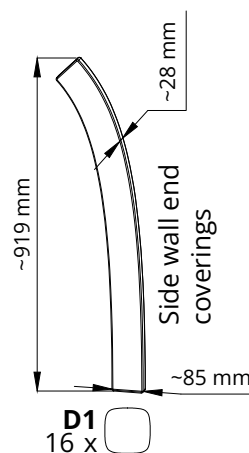
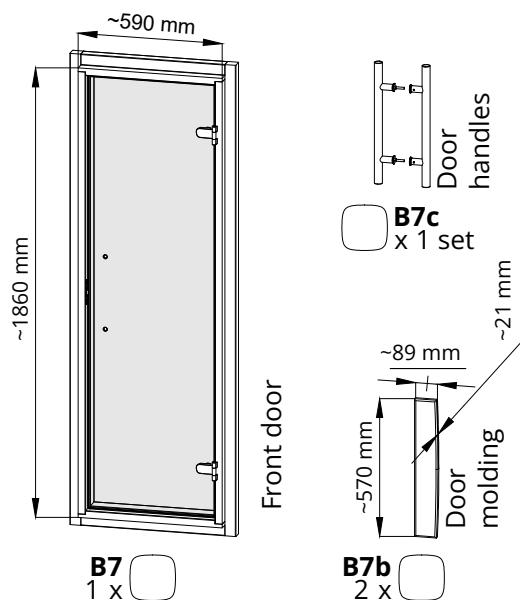
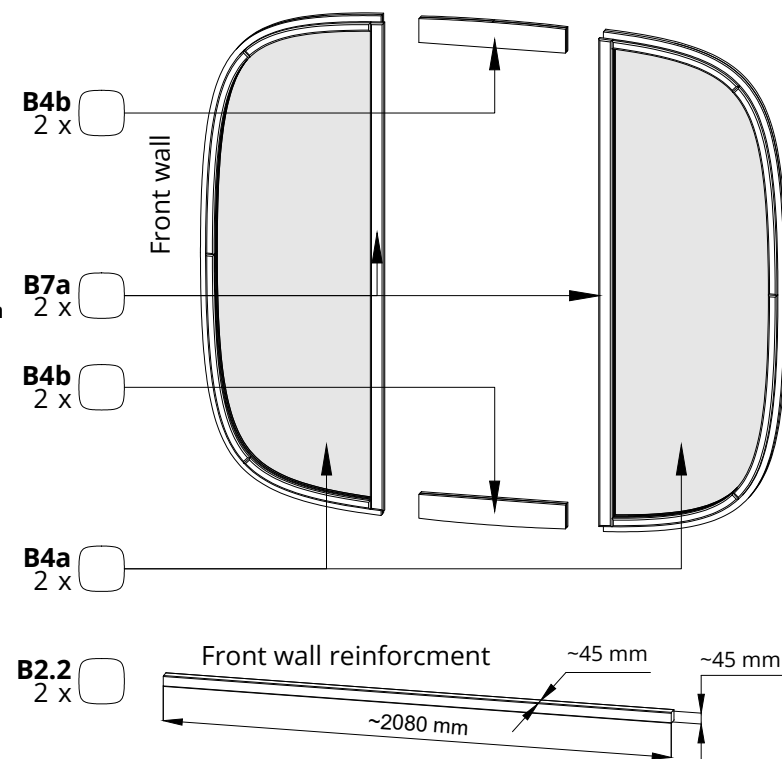


Scale 1 : 30

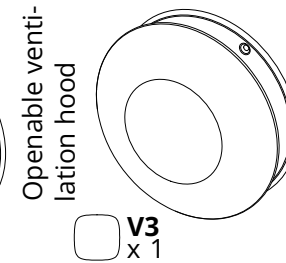
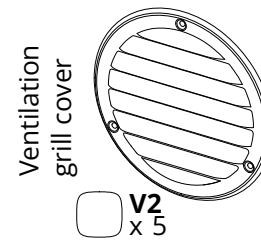
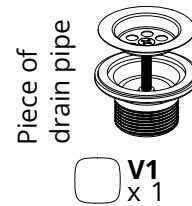
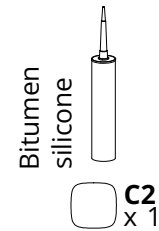
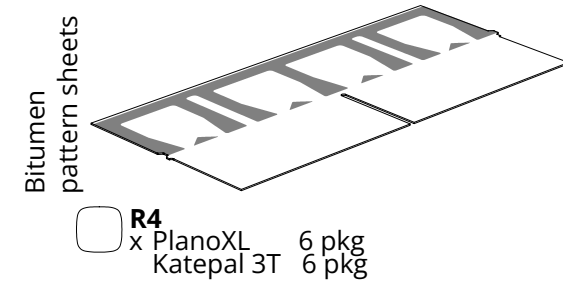
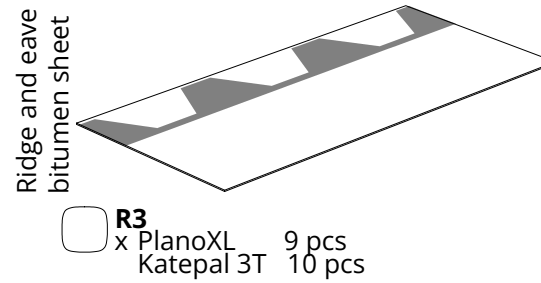
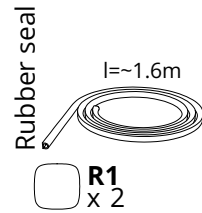
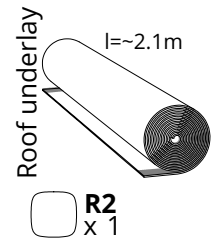
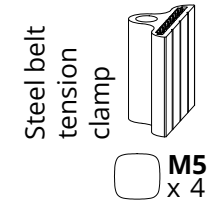
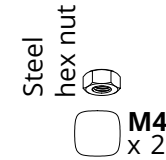
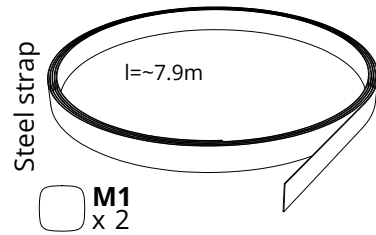
Round Cube  
MINI  
drw.2

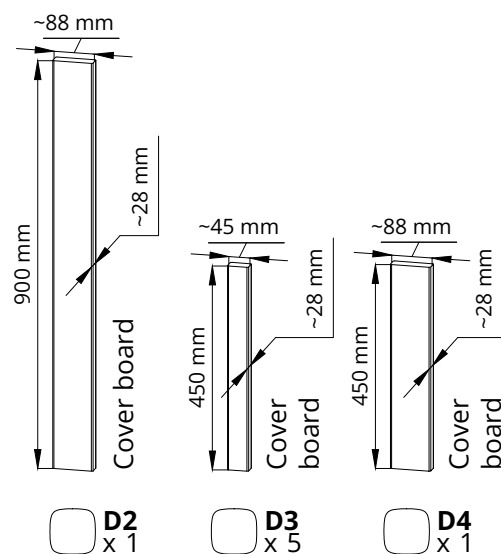
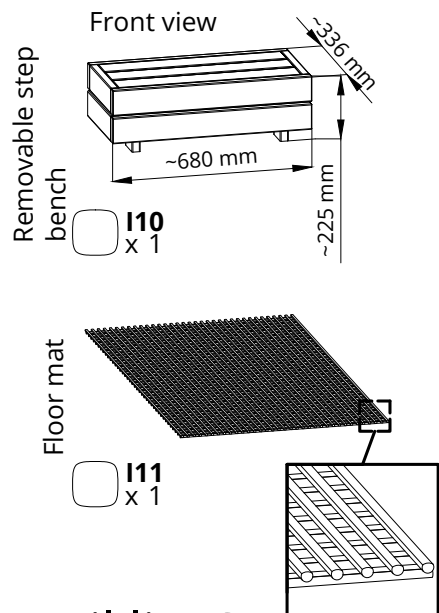
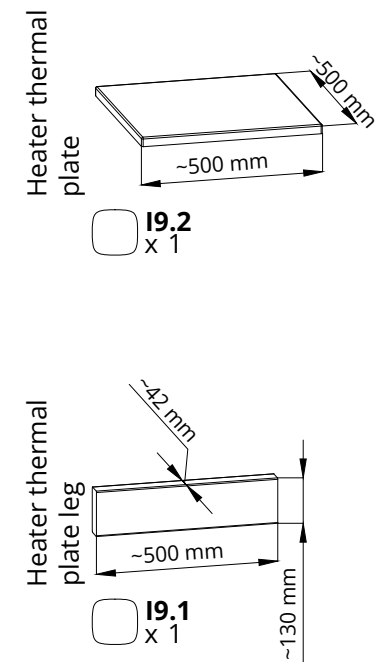
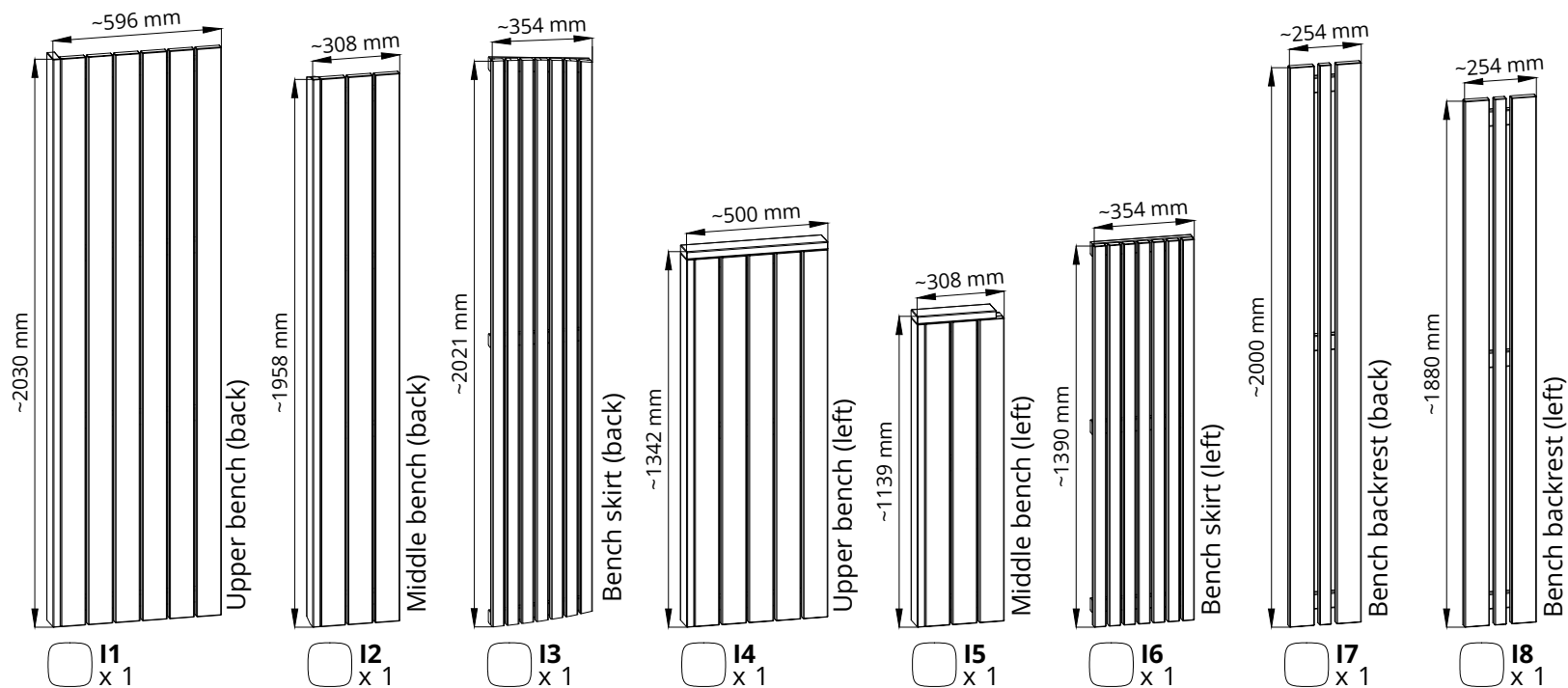


**B7a door molding**  
will be removed  
during construction

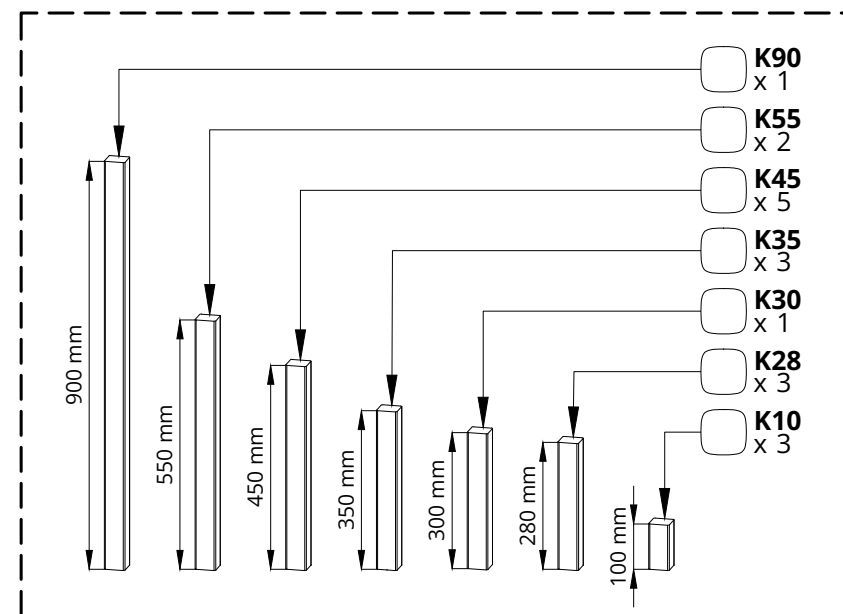


Detail list 1

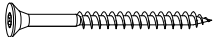
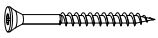
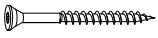
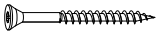
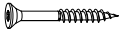




### K Square woods 45x45mm



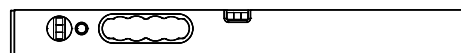
## Detail list 3

| Nails and screws (Scale 1:2)                                                        | Area of use                                                                 | Name in in. manual | Screw size                      | Quantity |                          |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|--------------------|---------------------------------|----------|--------------------------|
|    | Mainly for construction inside and outside                                  | S7                 | Screws 4,5x80 for Spruce        | x100     | <input type="checkbox"/> |
|    |                                                                             |                    | Screws 4,2x75 for Thermo        |          |                          |
|    | For fixing the door(s)                                                      | S6.2               | Screws 4,2x75                   | x20      | <input type="checkbox"/> |
|    | For fixing the side wall end coverings                                      | S6.1               | Screws 4,5x70<br>(black coated) | x50      | <input type="checkbox"/> |
|    | Mainly for construction inside and outside                                  | S5                 | Screws 4,5x60 for Spruce        | x170     | <input type="checkbox"/> |
|    |                                                                             |                    | Screws 4,2x55 for Thermo        |          |                          |
|    | Not in use in this sauna<br>Only for the window(s)                          | S4                 | Screws 4,2x55                   | x0       | <input type="checkbox"/> |
|    | For fixing front door moldings<br>(screws is attached to the door moldings) | S3.2               | Screws 4,5x50                   | x14      | <input type="checkbox"/> |
|   | Not in use in this sauna<br>Only for the window moldings                    | S3.1               | Screws 3x40                     | x0       | <input type="checkbox"/> |
|  | Mainly for construction inside and outside                                  | S2                 | Screws 3x40                     | 10       | <input type="checkbox"/> |
|  | Mainly for construction inside and outside                                  | S1                 | Screws 3x30                     | x18      | <input type="checkbox"/> |
|  | During roof installation                                                    | R5                 | Nail 2,5x20                     | 1kg      | <input type="checkbox"/> |

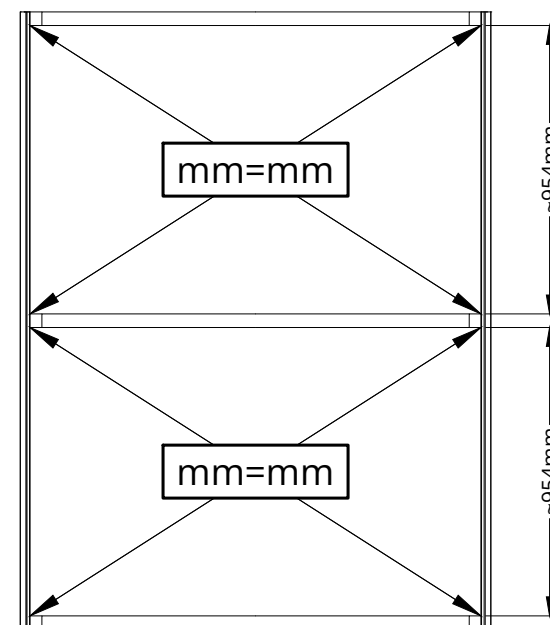
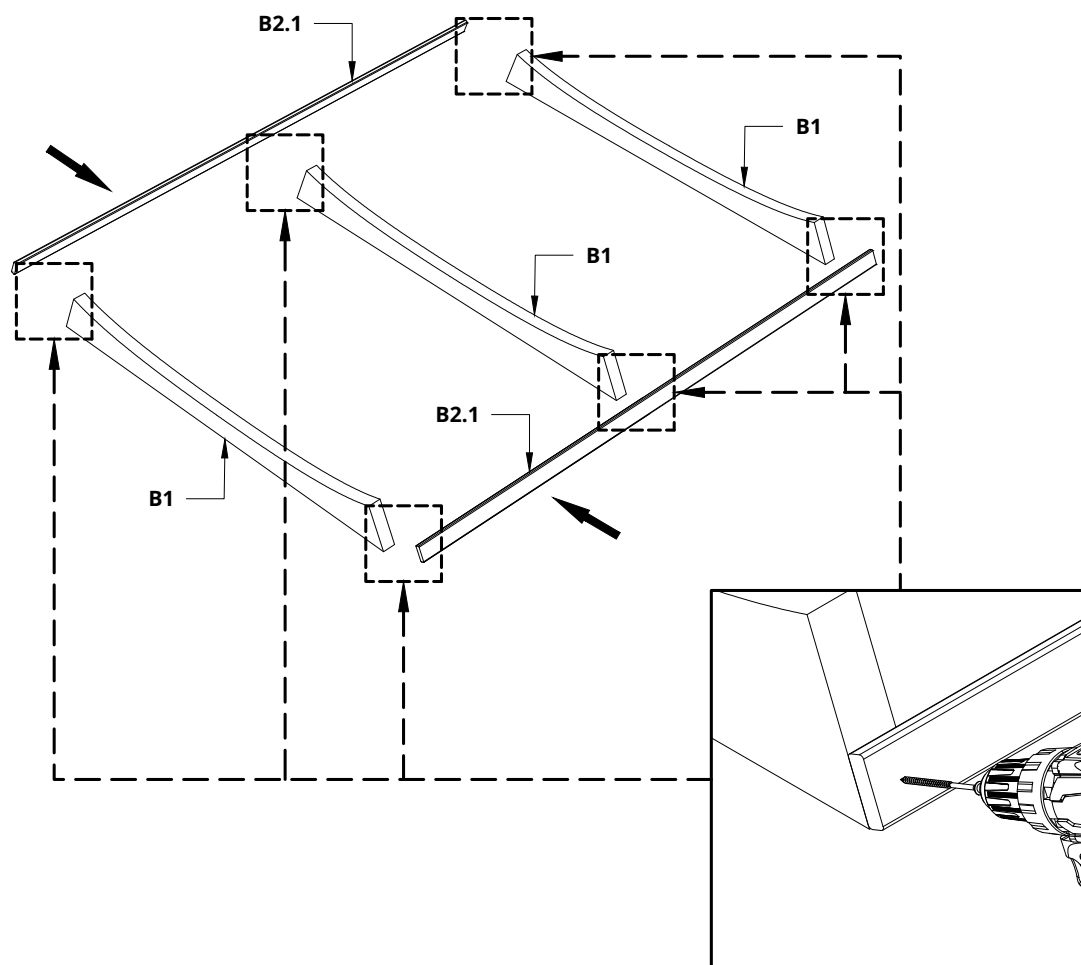
## Detail list 4

|                                                                                   |                                                      |    |
|-----------------------------------------------------------------------------------|------------------------------------------------------|----|
| S7                                                                                | Screws 4,5x80 for Spruce<br>Screws 4,2x75 for Thermo | x6 |
|  |                                                      |    |

NB! use a level



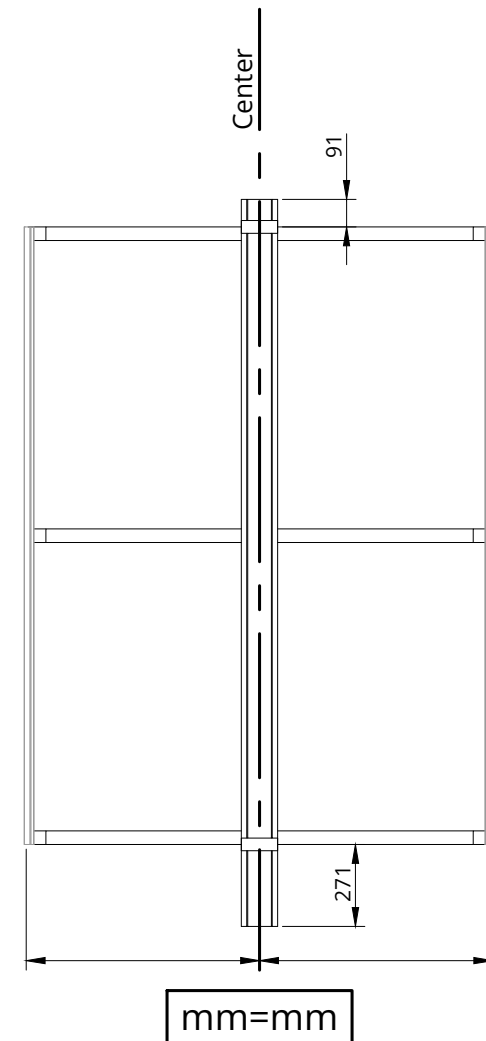
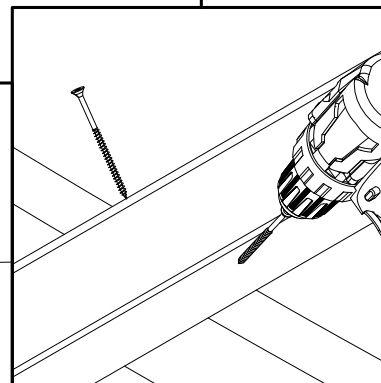
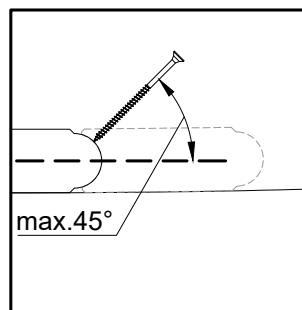
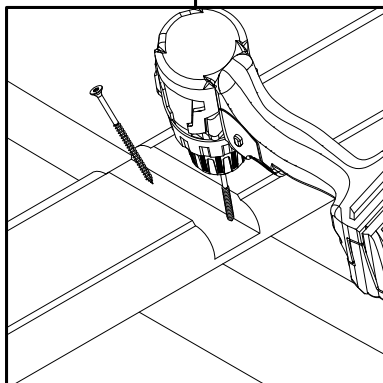
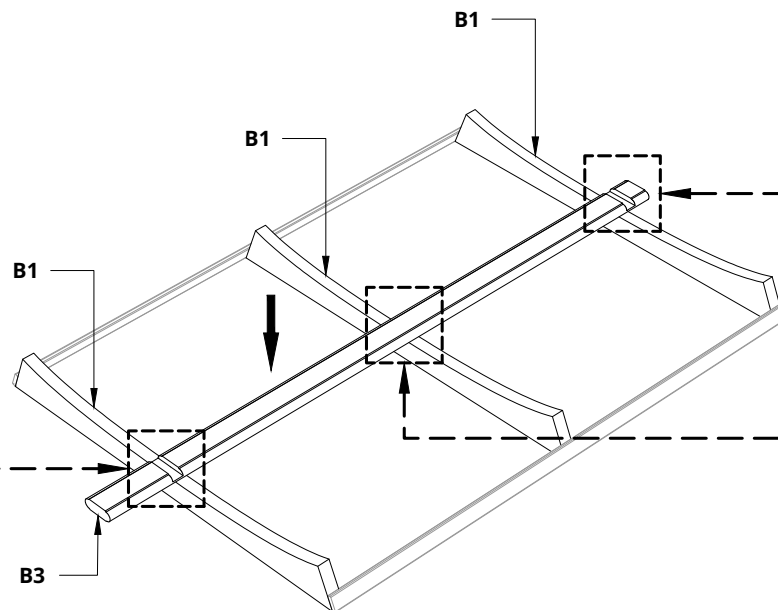
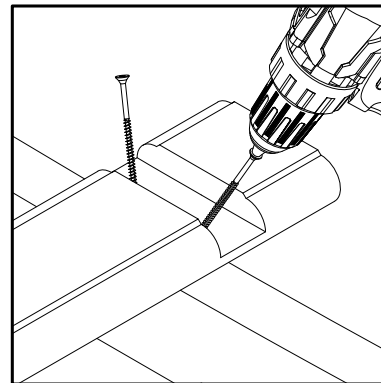
The base of the sauna must be level!



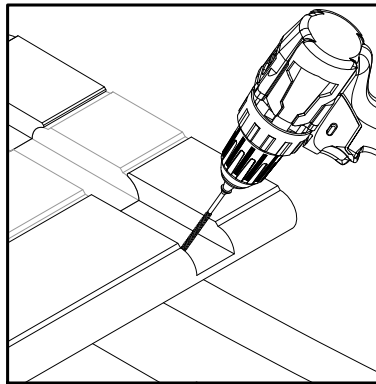
|                                                                                   |                                                      |    |
|-----------------------------------------------------------------------------------|------------------------------------------------------|----|
| S7                                                                                | Screws 4,5x80 for Spruce<br>Screws 4,2x75 for Thermo | x6 |
|  |                                                      |    |

Use two screws on both sides (see sketch).

**Please countersink the screw head!**



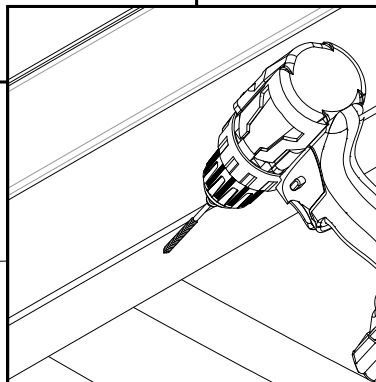
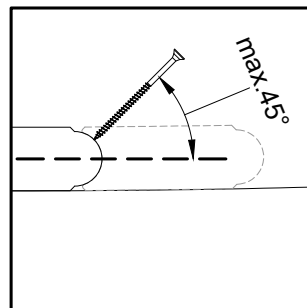
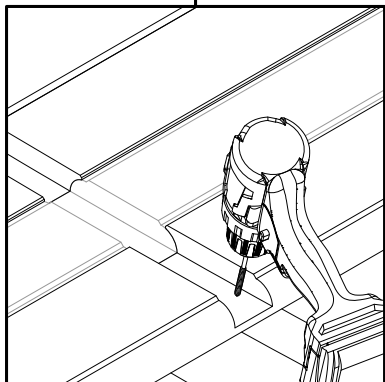
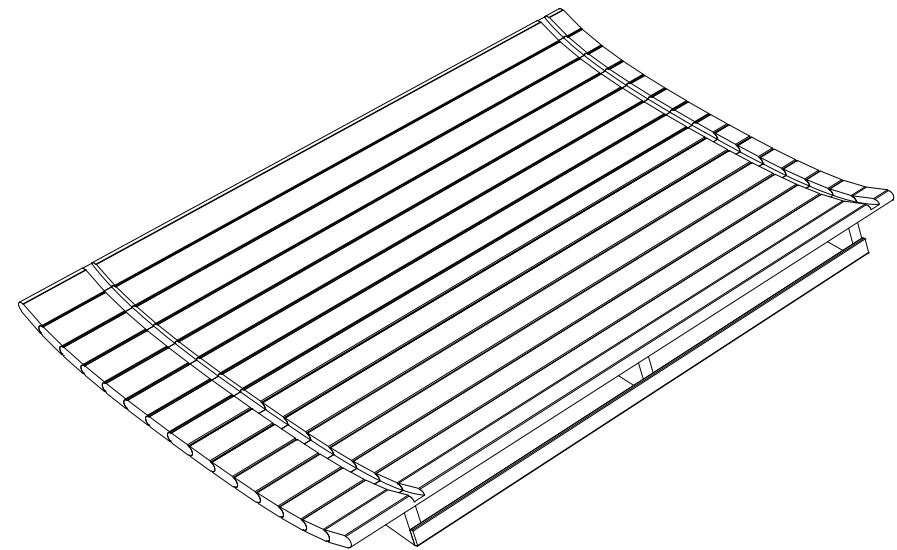
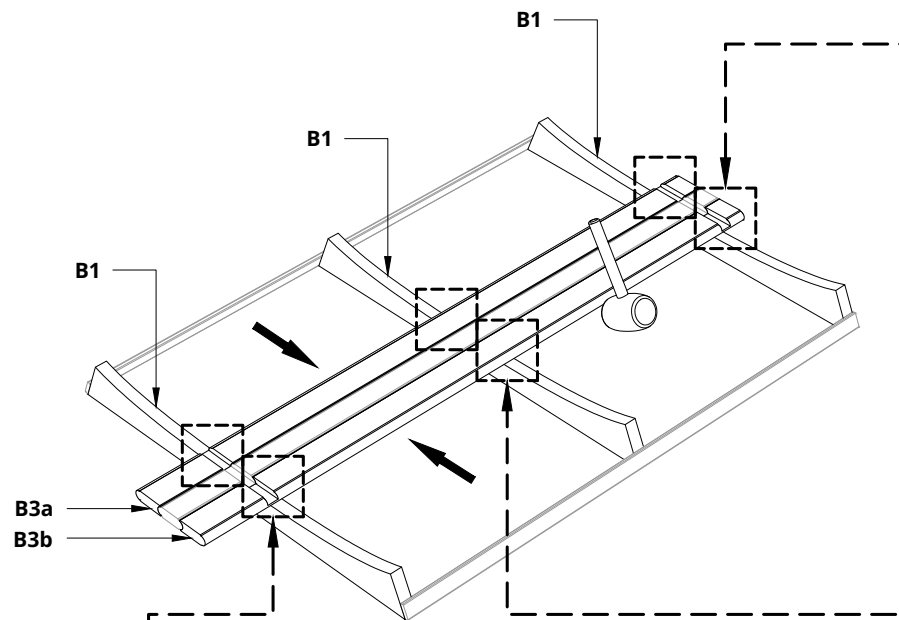
|                                                                                   |                                                      |     |
|-----------------------------------------------------------------------------------|------------------------------------------------------|-----|
| S7                                                                                | Screws 4,5x80 for Spruce<br>Screws 4,2x75 for Thermo | x42 |
|  |                                                      |     |



Use a rubber mallet to tap the planks together.

Screw each plank B3a and B3b to the foundation B1 with a screw. ~7 pieces on each side left B3a and right B3b.

**Please countersink the screw head!**

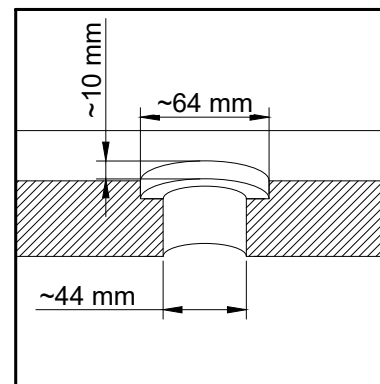
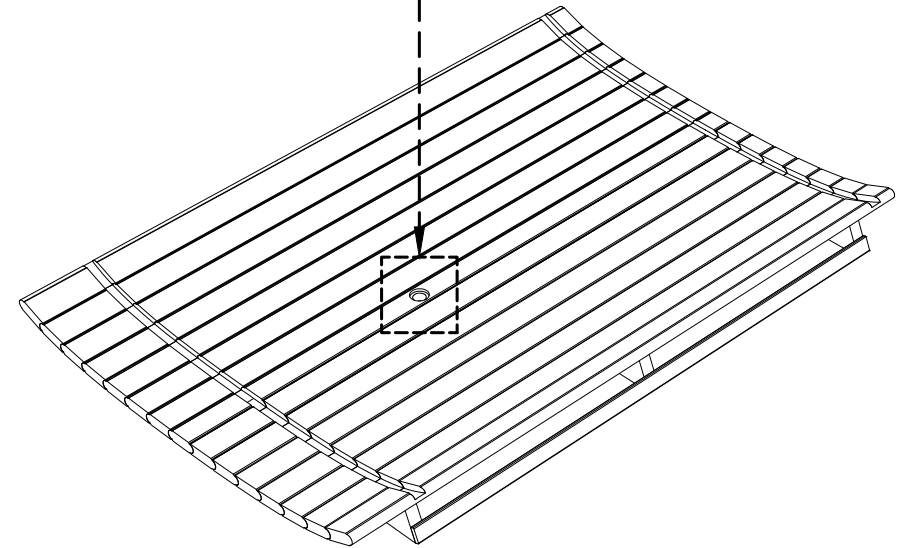
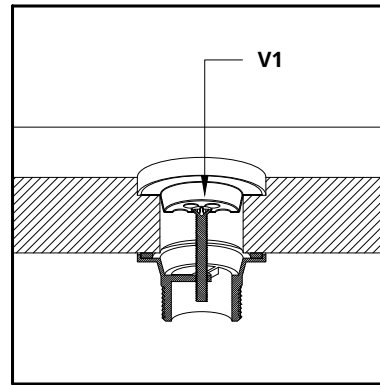
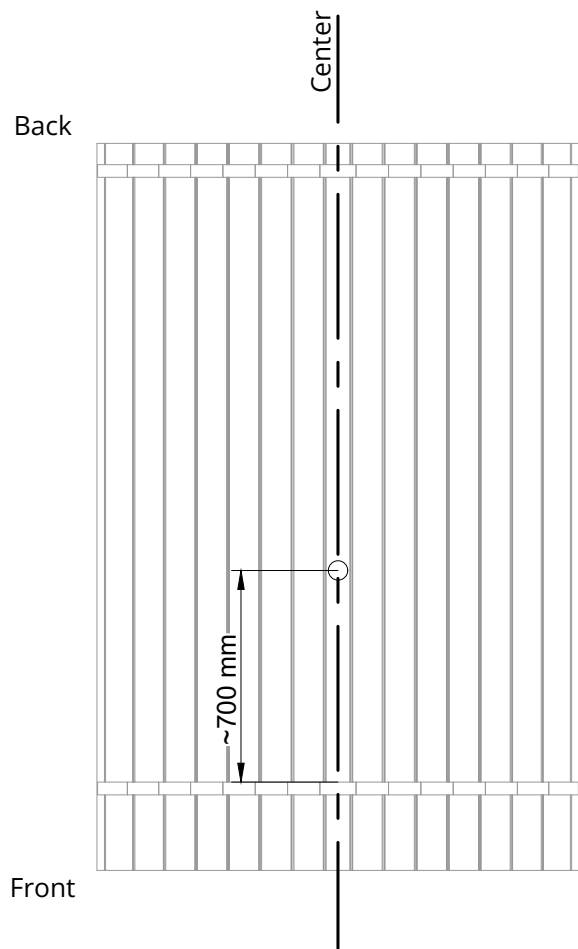


When the boards are installed, it should look like this.  
~7 boards on each side.

Lift the bottom of the sauna up on one side.

Paint the boards from the bottom and the legs as well,  
with the included paint.

Let the paint dry a bit.



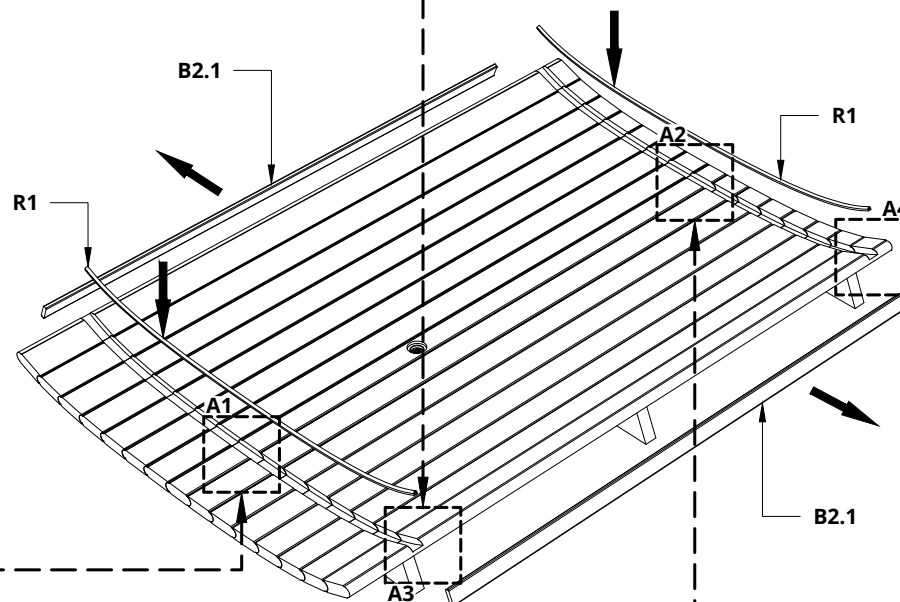
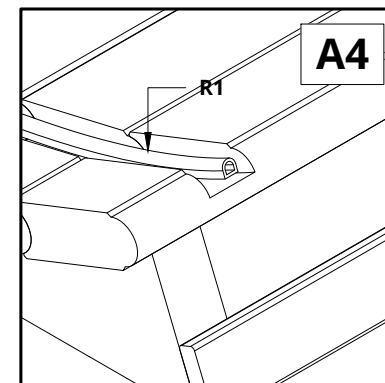
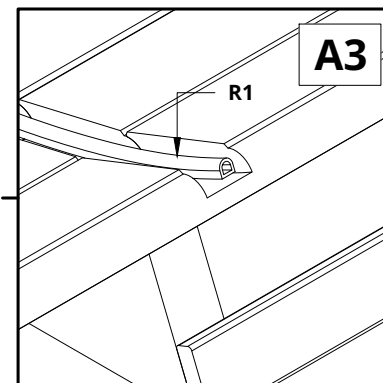
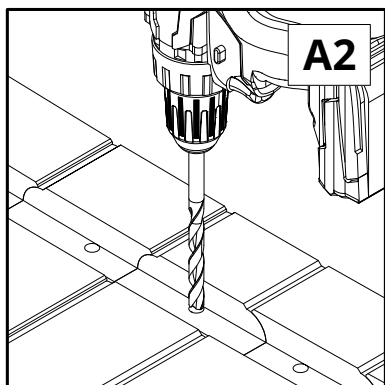
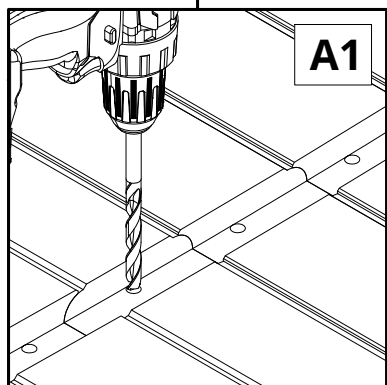
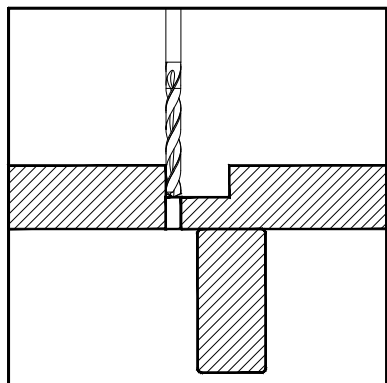
Before installation of the drain pipe, hole must be cut with a hole saw.

Install a piece of drain pipe V1.

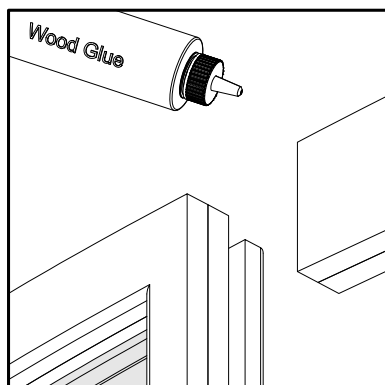
Drill 10 mm hole in each plank, in the front wall groove and in the back wall groove to the outside as shown in the picture A1 and A2. After drilling, **clean the groove from wood debris and cover the groove with varnish or another protective agent.**

Lay R1 (rubber seal) to the inside of the groove as shown in picture A3 and A4.

Remove the connecting beam B2 on both sides.



|                                                                                   |                                                      |    |
|-----------------------------------------------------------------------------------|------------------------------------------------------|----|
| S7                                                                                | Screws 4,5x80 for Spruce<br>Screws 4,2x75 for Thermo | x8 |
| S5                                                                                | Screws 4,5x60 for Spruce<br>Screws 4,2x55 for Thermo | x4 |
|  |                                                      |    |

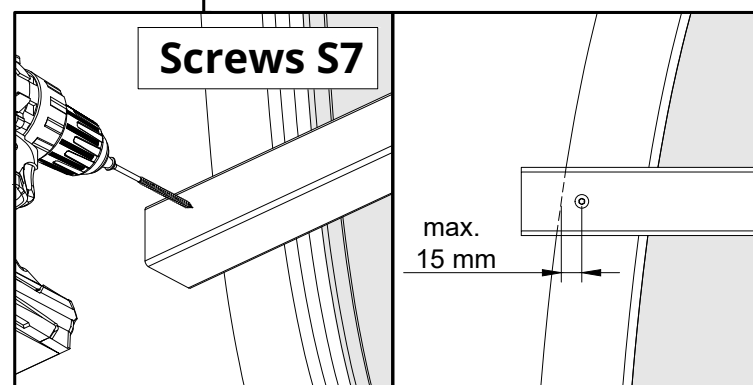
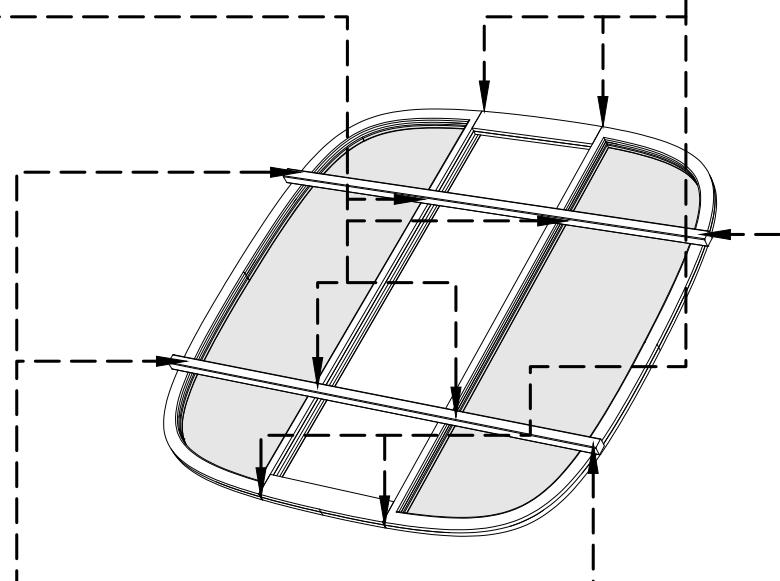
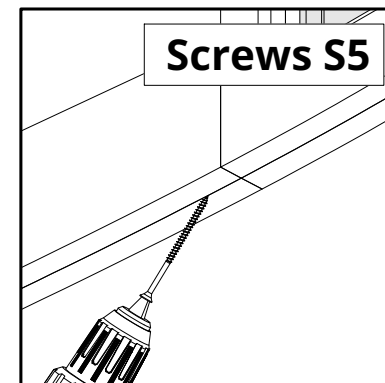
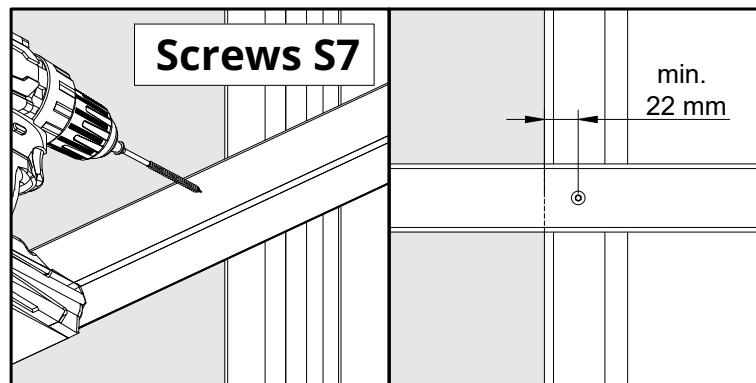
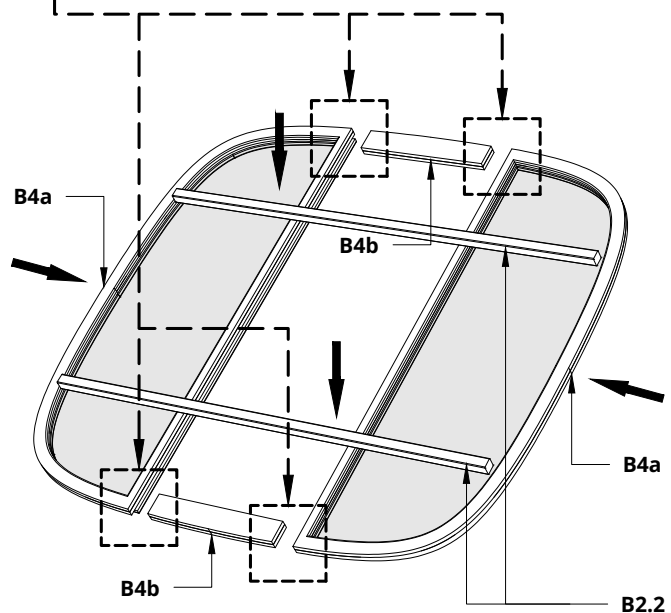


### Preparation of the front wall.

When assembling the front wall, first use glue between the wall pieces and then screw the pieces together and add the wall reinforcements B2.2 to the inner side of the wall.

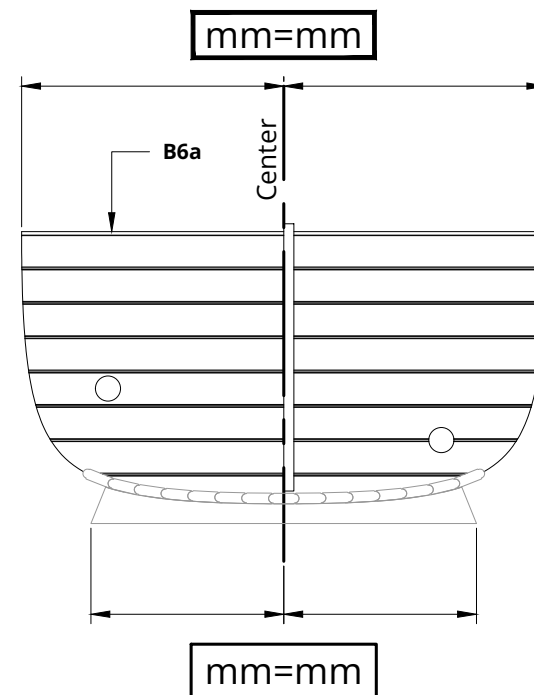
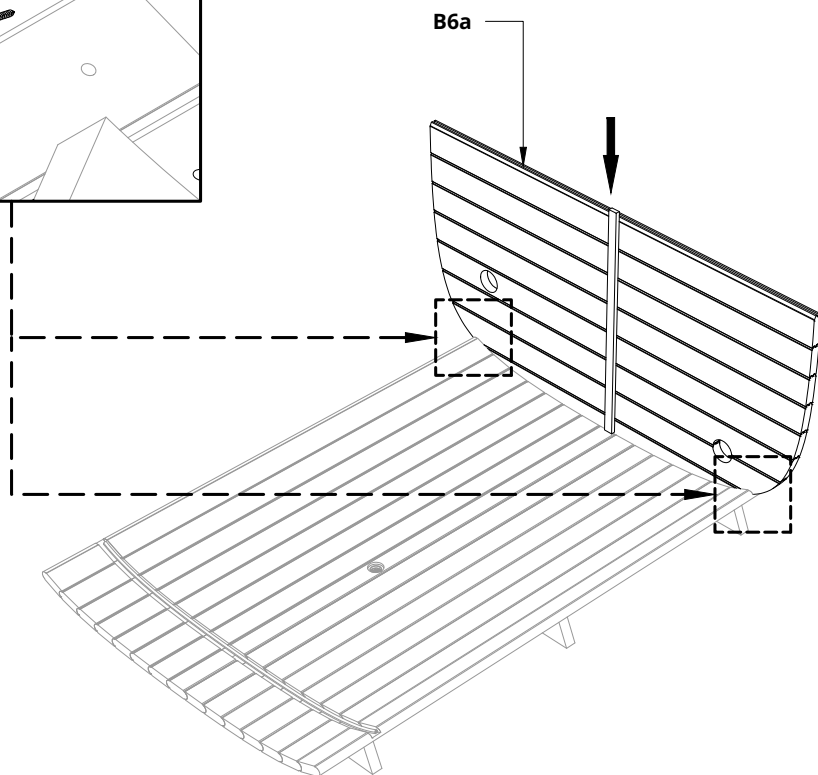
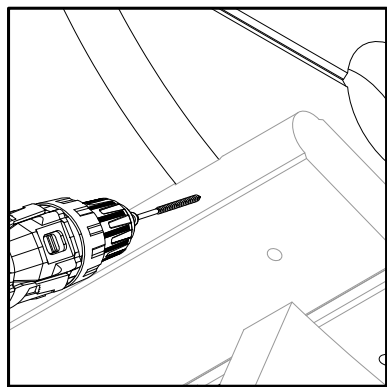
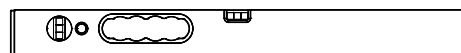
Let the glue dry according to the glue manufacturer's recommendations.

**Please countersink the S5 screw head!**



|                                                                                   |                                                      |    |
|-----------------------------------------------------------------------------------|------------------------------------------------------|----|
| S5                                                                                | Screws 4,5x60 for Spruce<br>Screws 4,2x55 for Thermo | x2 |
|  |                                                      |    |

NB! use a level



First install the lower part of the back wall. The lower part of the back wall must be in the center of the base.

If the lower part of the back wall is in place, then it must be fixed with screws. The screw locations are shown in the picture.

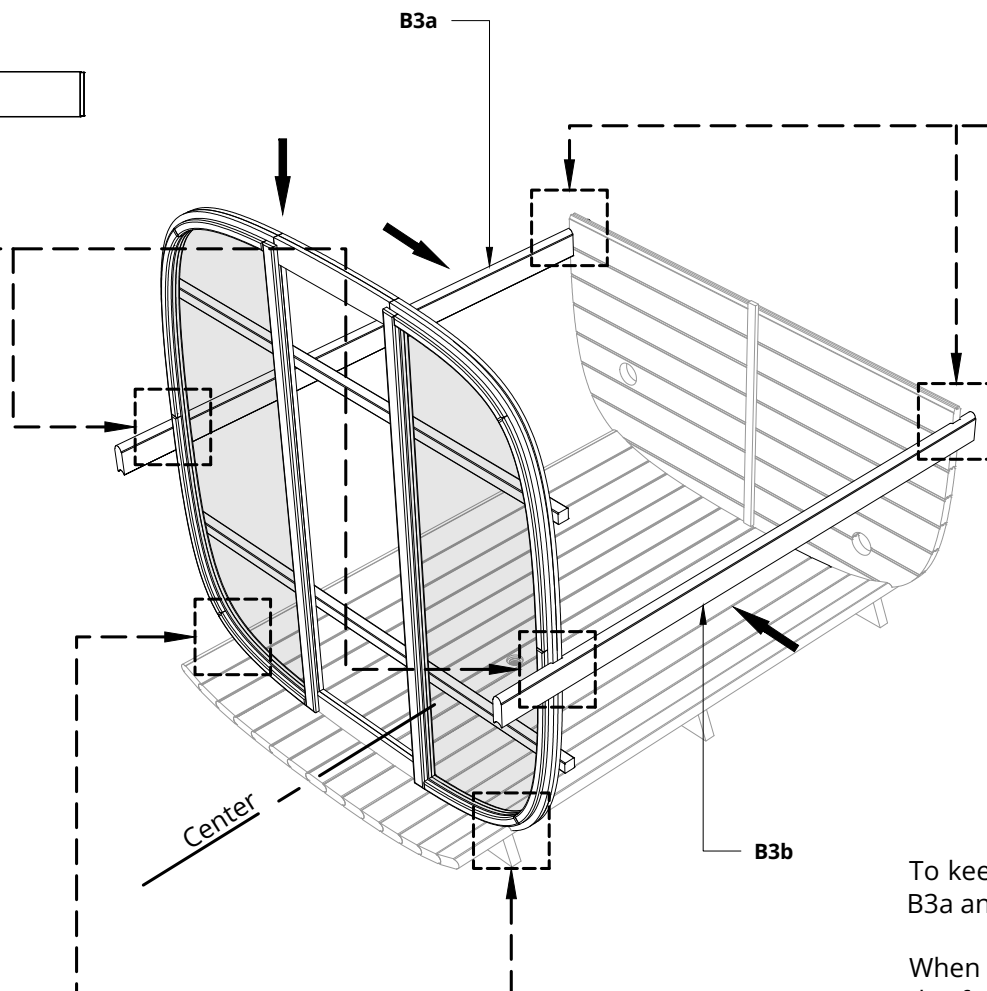
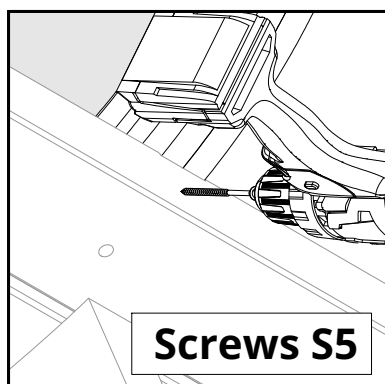
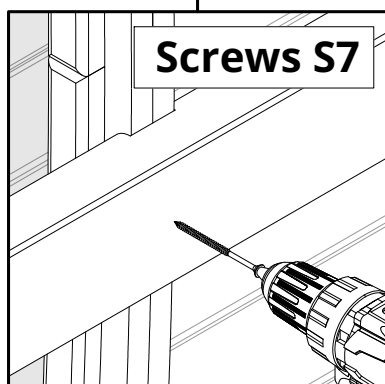
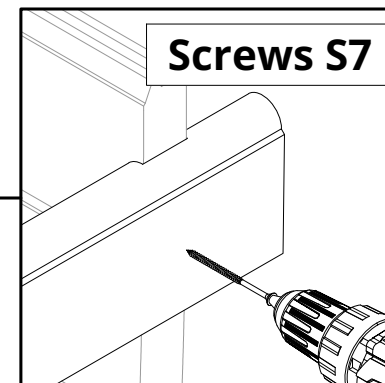
**Please countersink the screw head!**

|                                                                                   |                                                      |    |
|-----------------------------------------------------------------------------------|------------------------------------------------------|----|
| S7                                                                                | Screws 4,5x80 for Spruce<br>Screws 4,2x75 for Thermo | x4 |
| S5                                                                                | Screws 4,5x60 for Spruce<br>Screws 4,2x55 for Thermo | x2 |
|  |                                                      |    |

NB! use a level



**When installing the front wall, make sure that it stays in the center!**



To keep the front wall upright, use the side wall boards B3a and B3b. Install them as shown in the picture.

When the support boards are in place, before screwing the front wall to the base, check if the front wall is in the center.

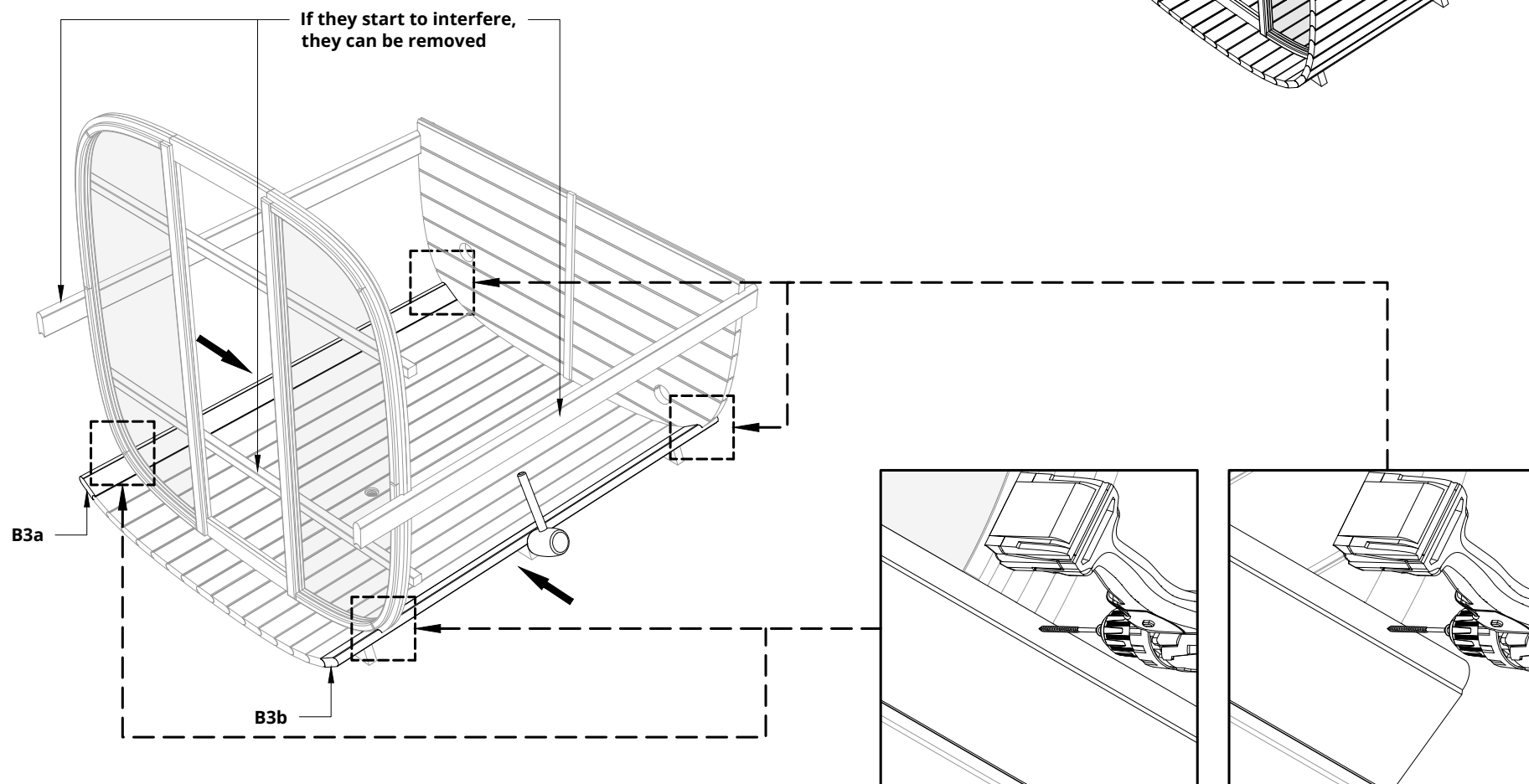
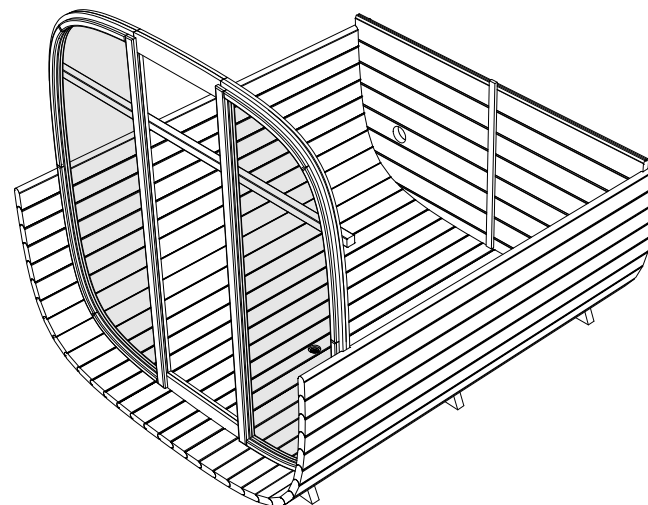
**Please countersink the S5 screw head!**

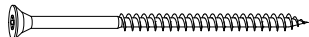
|                                                                                   |                                                      |     |
|-----------------------------------------------------------------------------------|------------------------------------------------------|-----|
| S5                                                                                | Screws 4,5x60 for Spruce<br>Screws 4,2x55 for Thermo | x36 |
|  |                                                      |     |

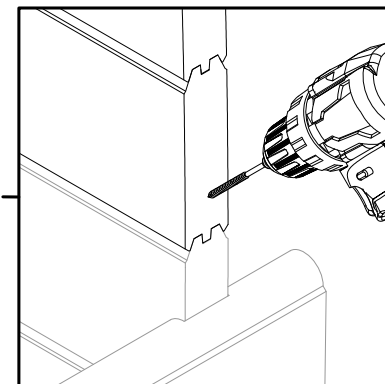
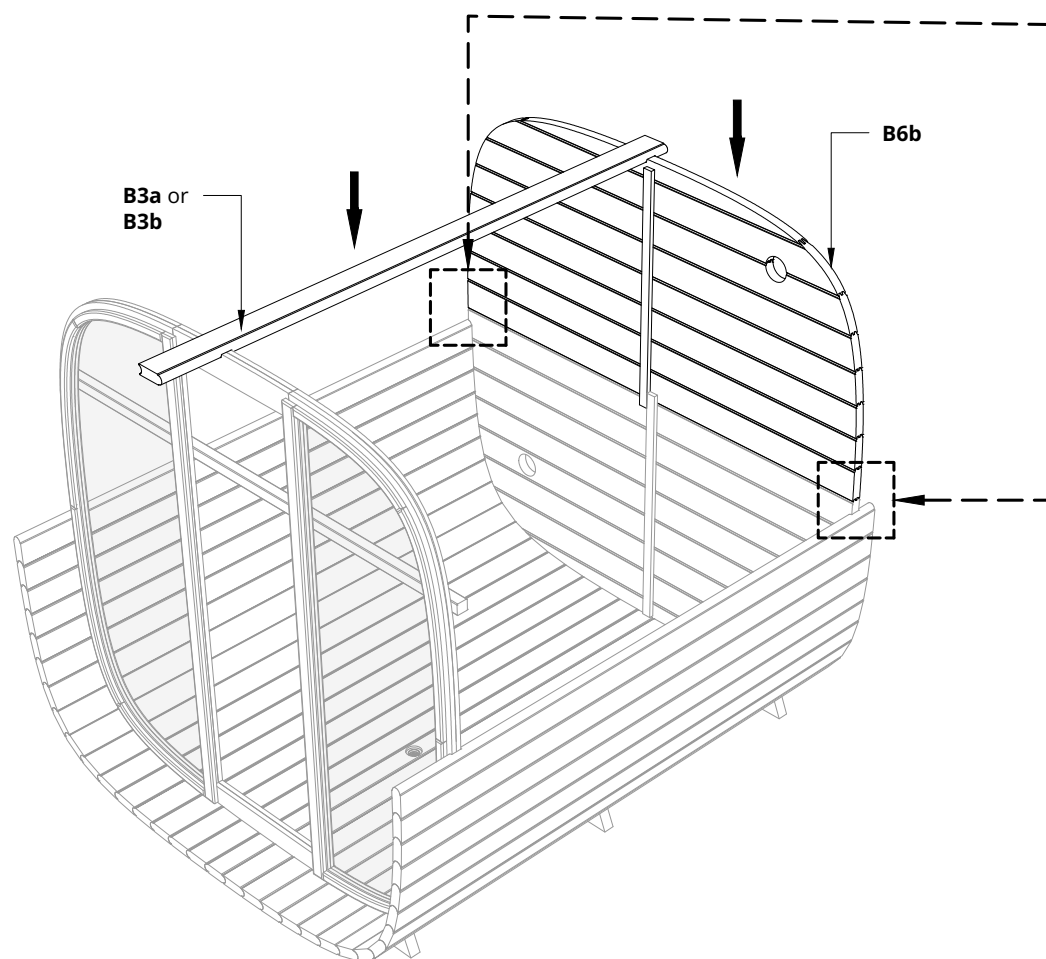
When the front wall is attached, start building the side walls on the left B3a and on the right B3b. Use a rubber mallet to tap the boards into place and then fasten with screws.

Build the side walls to the upper edge of the lower part of the back wall as shown in the picture.

**Please countersink the S5 screw head!**



|                                                                                   |                                                      |    |
|-----------------------------------------------------------------------------------|------------------------------------------------------|----|
| S7                                                                                | Screws 4,5x60 for Spruce<br>Screws 4,2x55 for Thermo | x2 |
|  |                                                      |    |

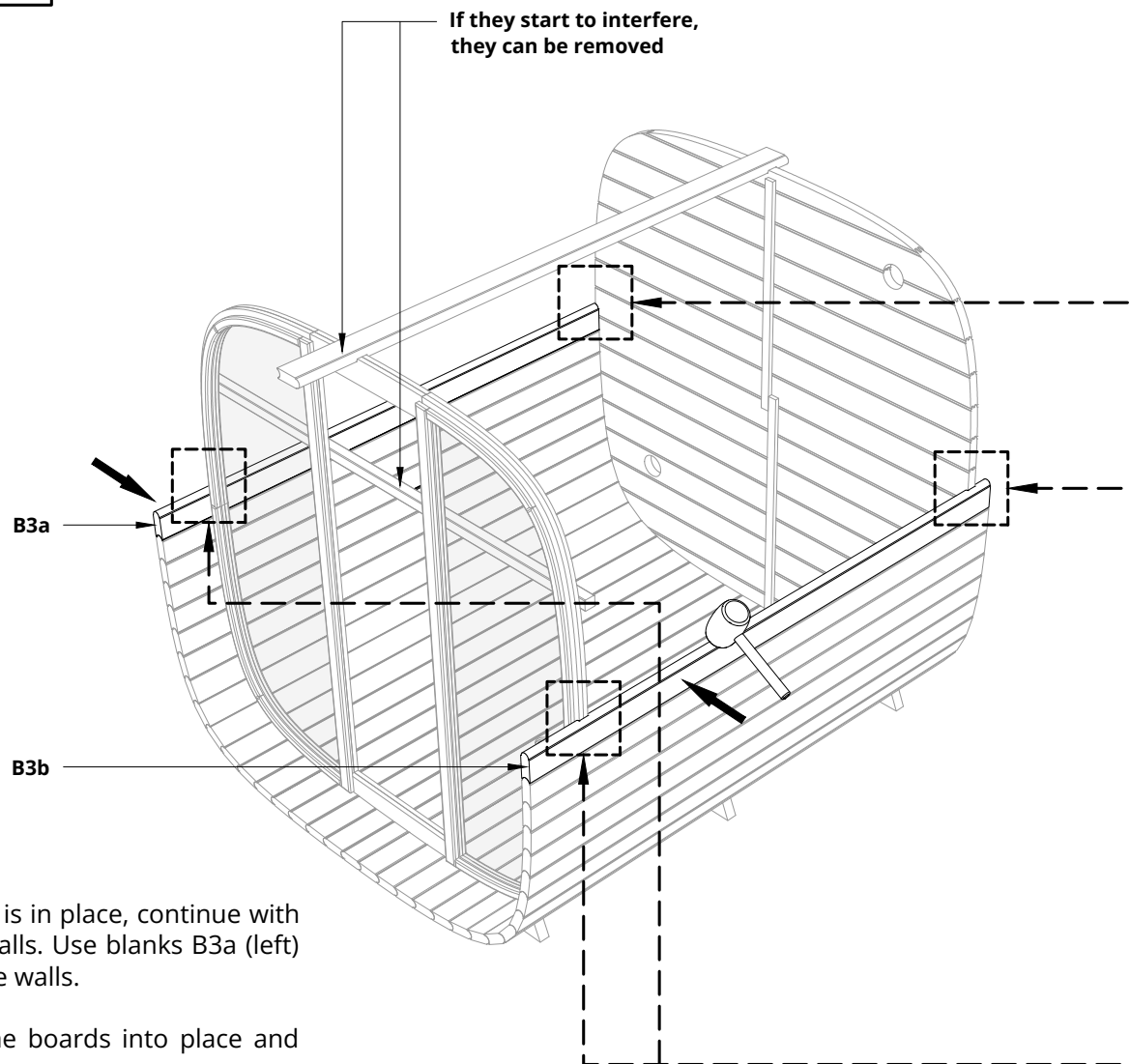


Now install the upper part of the back wall.

Install support board B3a or B3b to hold the upper part of the back wall securely. When this is in place, you can screw the upper part of the back wall to the lower part.

**Please countersink the screw head!**

|                                                                                   |                                                      |     |
|-----------------------------------------------------------------------------------|------------------------------------------------------|-----|
| S5                                                                                | Screws 4,5x60 for Spruce<br>Screws 4,2x55 for Thermo | x68 |
|  |                                                      |     |



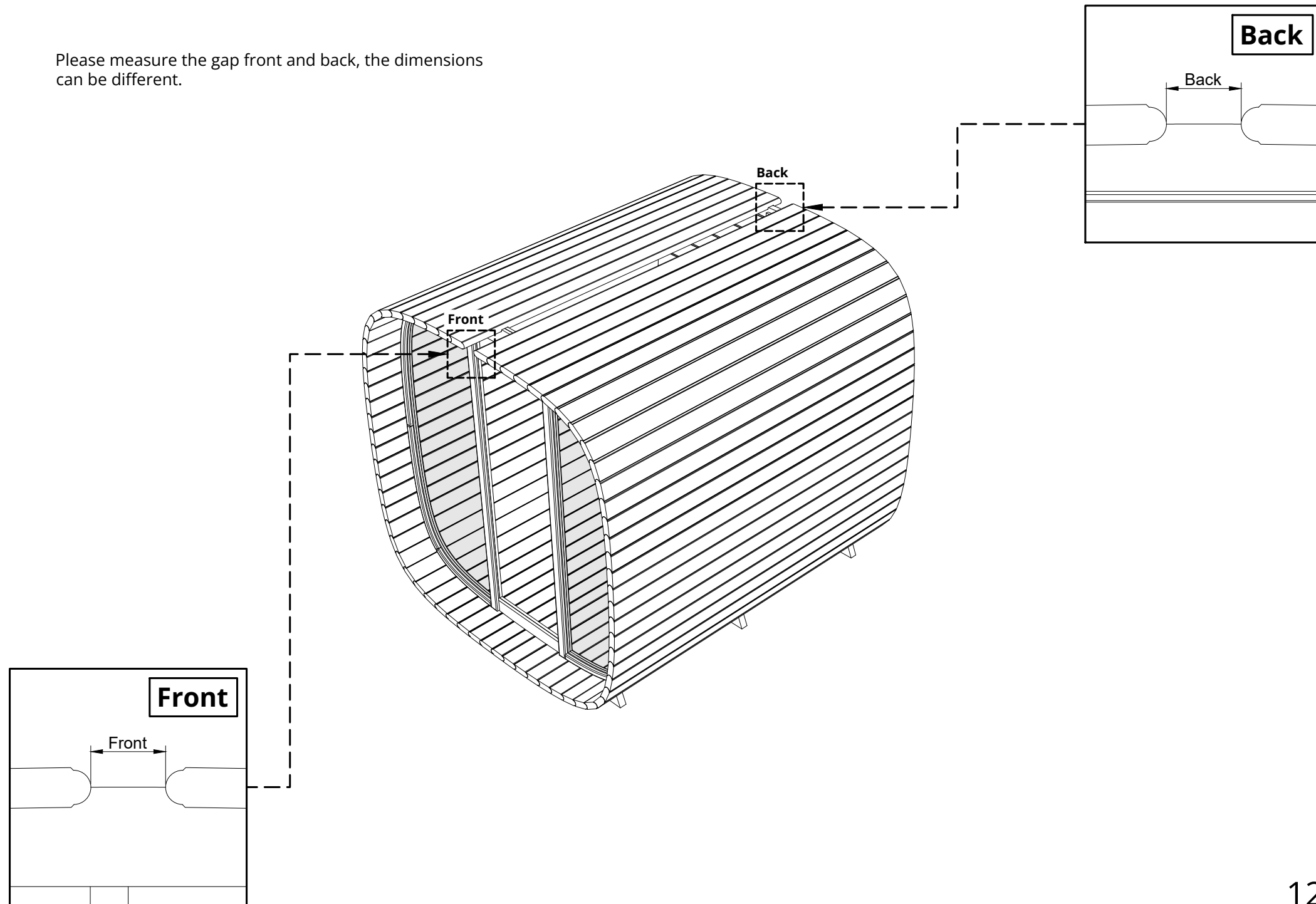
When the top of the back wall is in place, continue with the construction of the side walls. Use blanks B3a (left) and B3b (right) to build the side walls.

Use a rubber mallet to tap the boards into place and then fasten with screws.

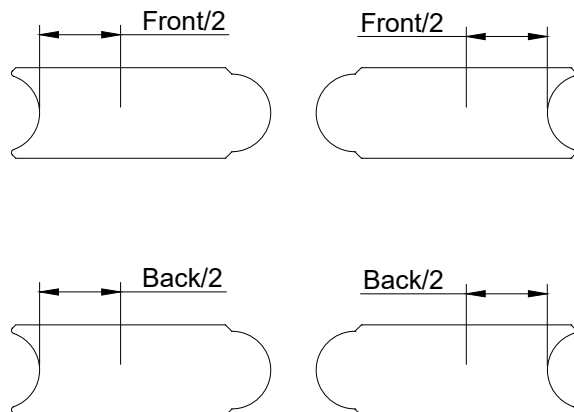
**Please countersink the screw head!**

**Please do not screw the screws in on the last whole blanks immediately.**

Please measure the gap front and back, the dimensions can be different.



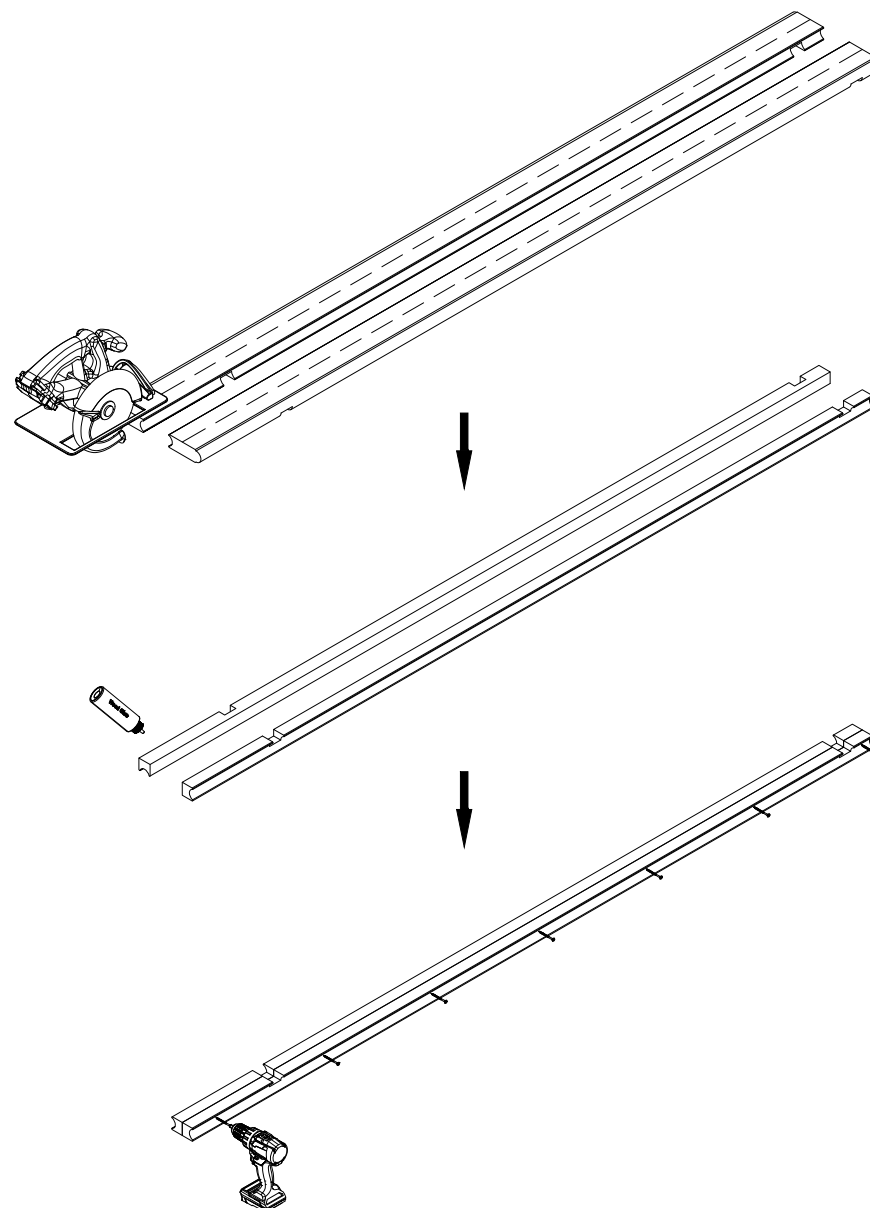
|                                                                                   |                           |    |
|-----------------------------------------------------------------------------------|---------------------------|----|
| S2...7                                                                            | Screws<br>3x40 ... 4,5x80 | x7 |
|  |                           |    |



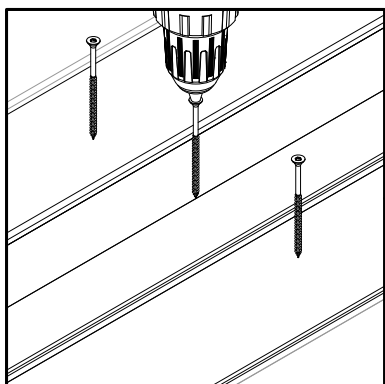
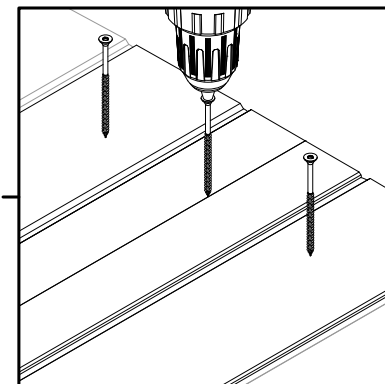
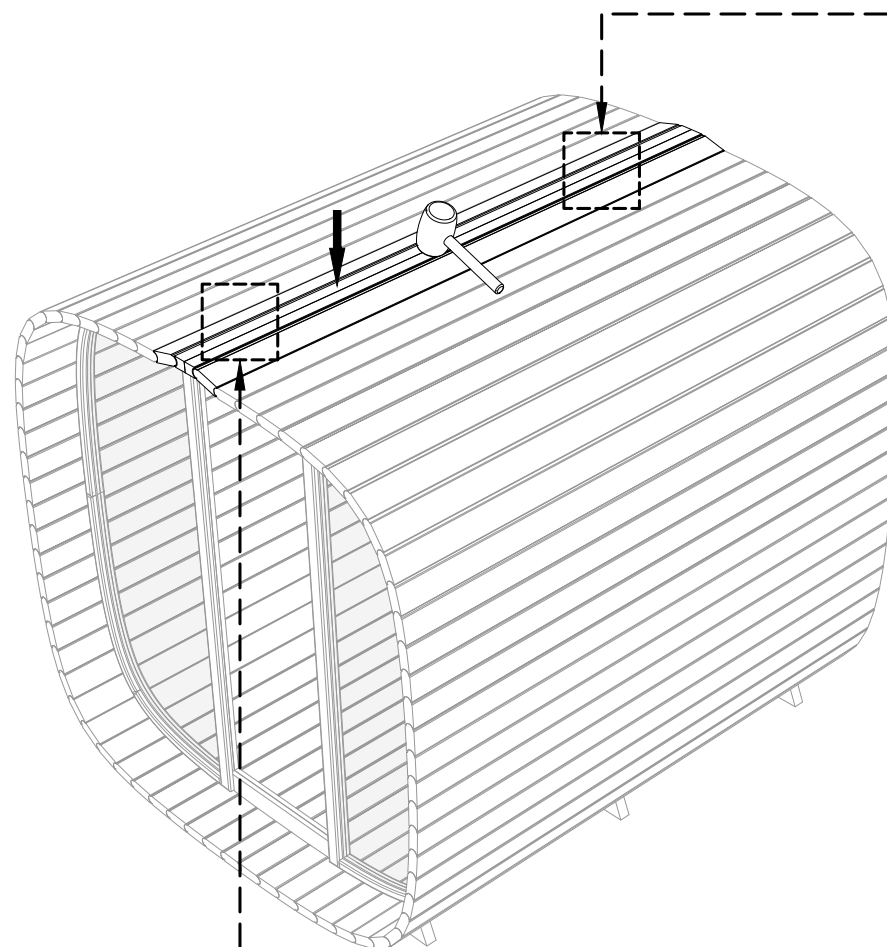
Divide the measurement by two and transfer the measurements to the last two planks. Connect the dimensions on the plank with a line and cut off these ends.

Glue the two freshly cut boards with wood glue and connect them with 7 pieces of 3x40 ... 4.5x80 screws (the length of the screws depends on the final width of the last two planks cut). Wipe off excess glue with a cloth and then use sandpaper to smooth out the gap.

**Please countersink the screw head!**

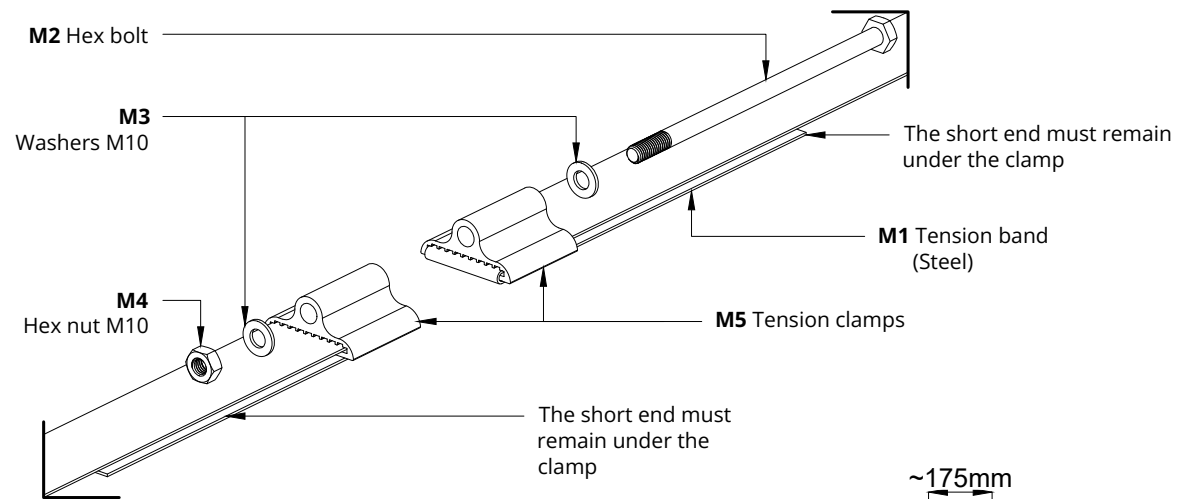


|                                                                                   |                                                      |    |
|-----------------------------------------------------------------------------------|------------------------------------------------------|----|
| S5                                                                                | Screws 4,5x60 for Spruce<br>Screws 4,2x55 for Thermo | x6 |
|  |                                                      |    |



Insert the last piece and use a rubber mallet to tap the planks together. Screw the loose planks to the walls with screws.

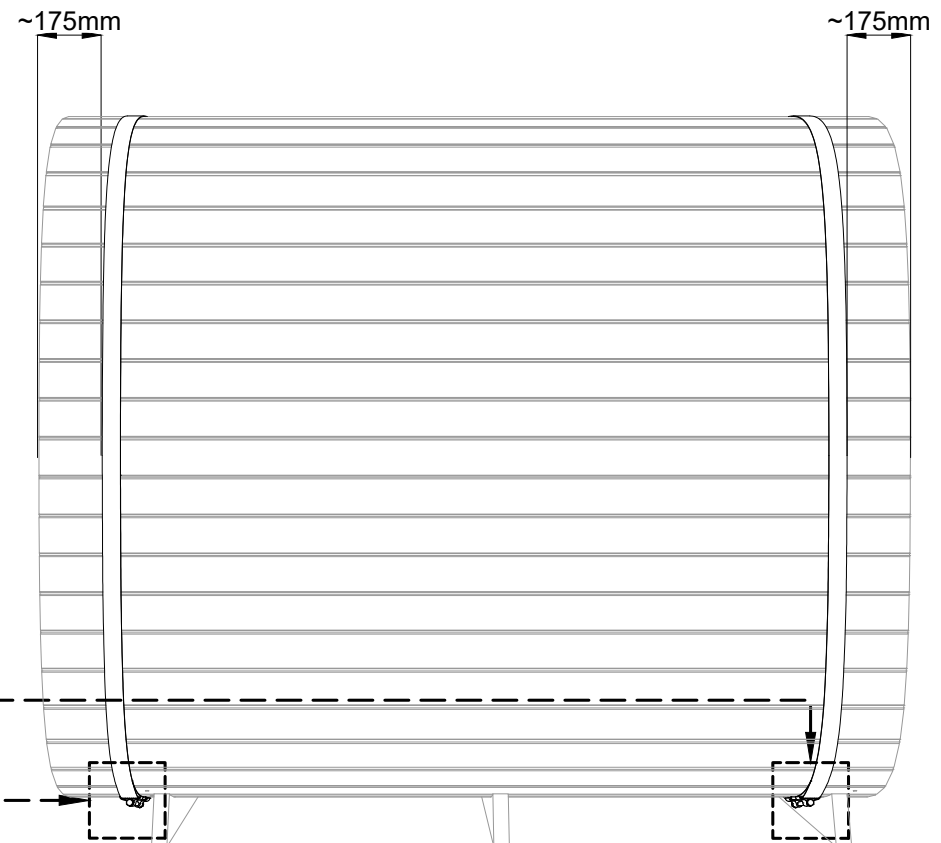
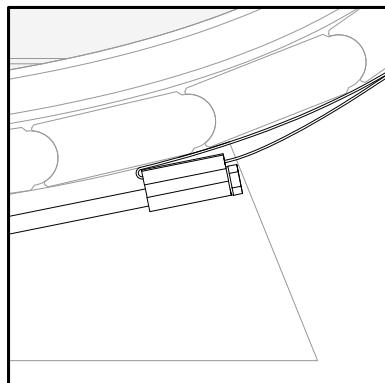
**Please countersink the screw head!**



Place the tension bands M1 (Steel band) around the side walls and thread the bands into the eyelet as follows (see sketch above).

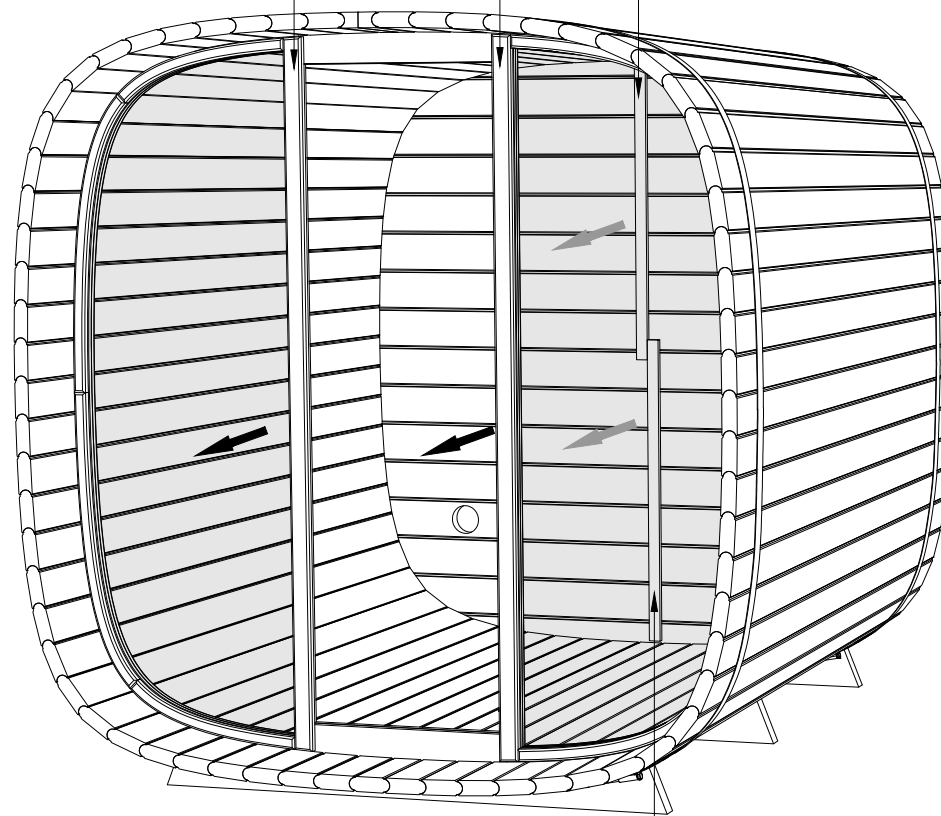
Hex nuts and bolts must be tightened as long as the planks are stationary in all directions.

**The tension band and clamps must be placed as shown in the picture below.**



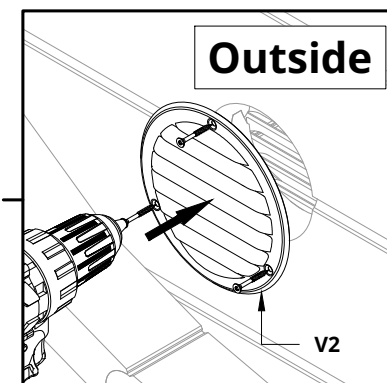
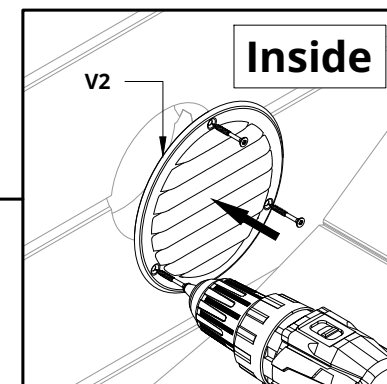
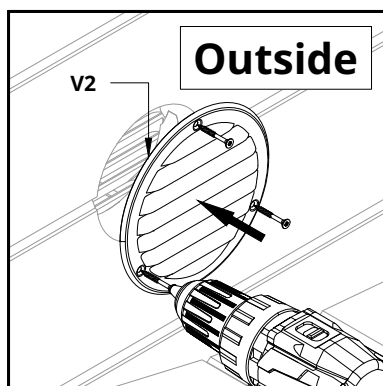
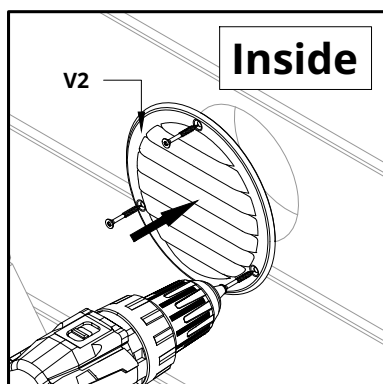
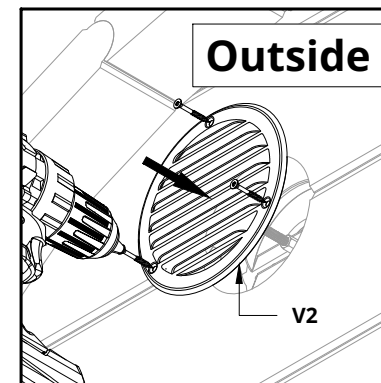
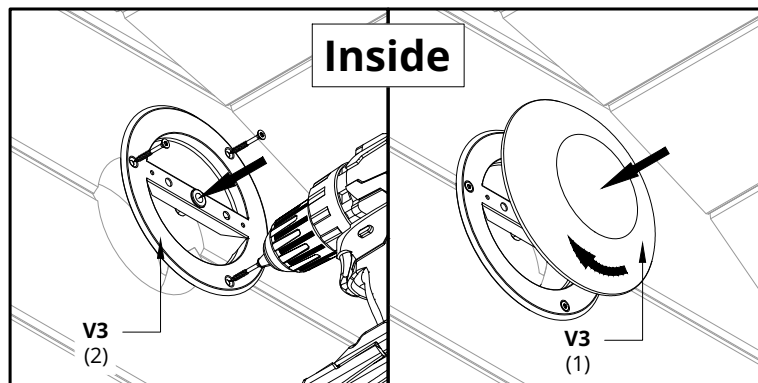
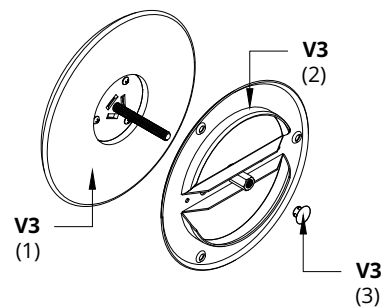
**Remove the door moldings (2x B7a)  
in order to install the door later**  
Fixed with 5 screws both

**Remove the back wall connection strips**



**Remove the back wall connection strips**

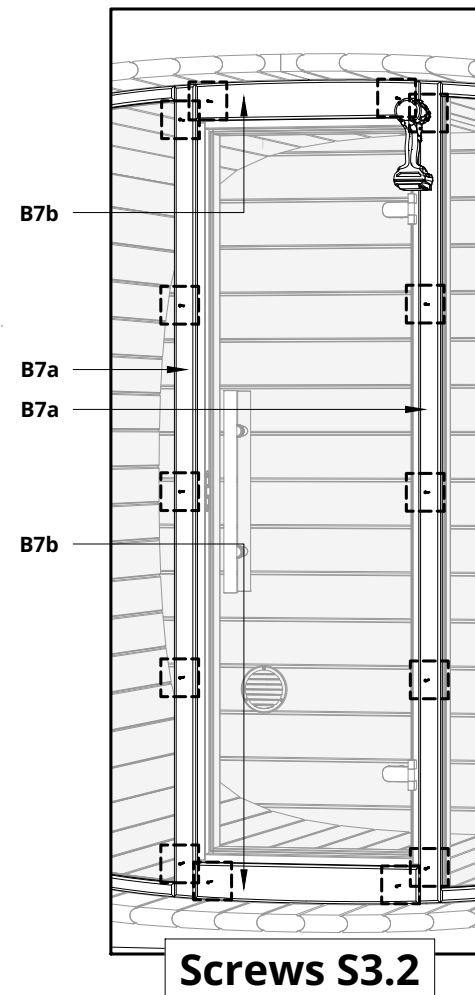
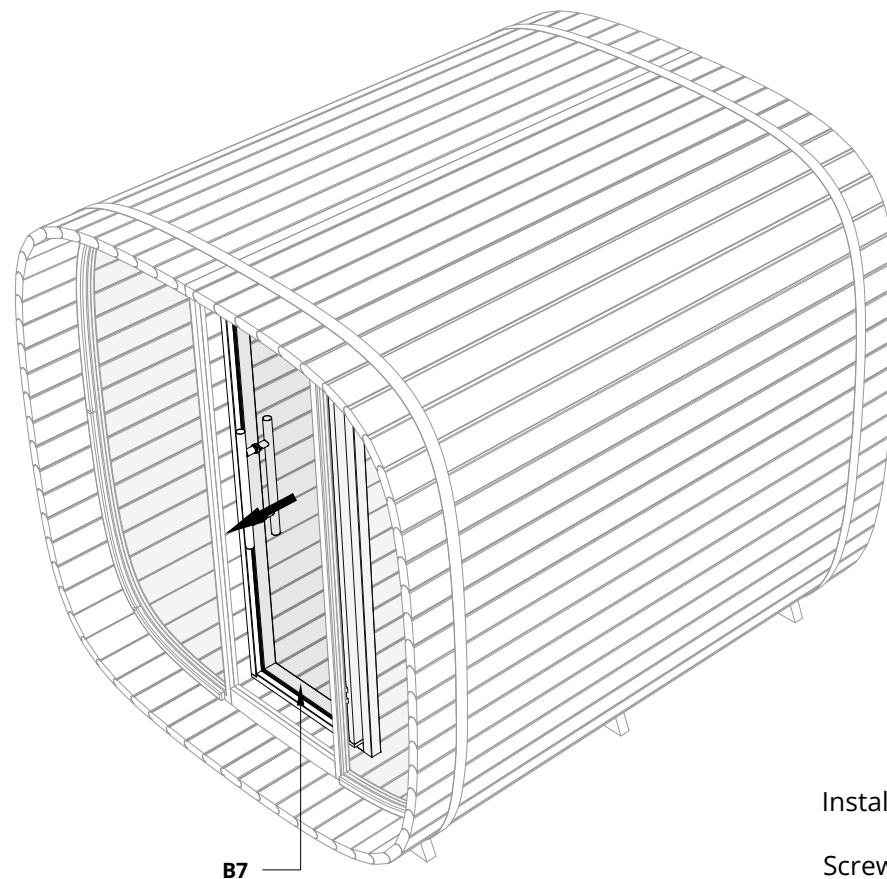
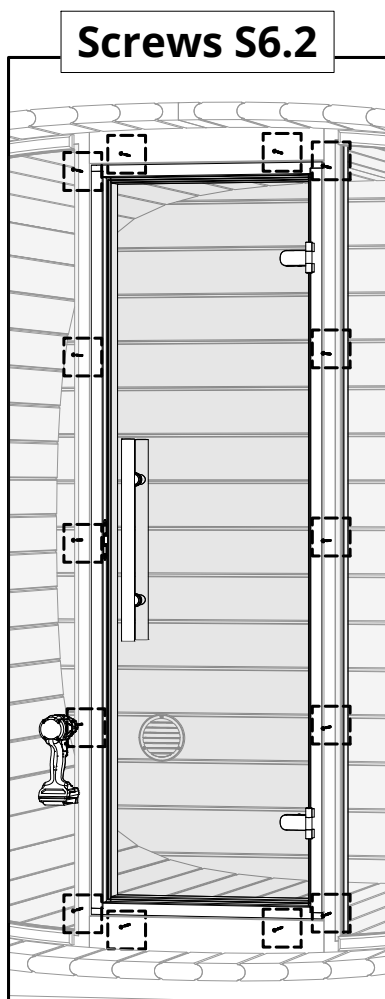
|                                                                                   |             |     |
|-----------------------------------------------------------------------------------|-------------|-----|
| S1                                                                                | Screws 3x30 | x18 |
|  |             |     |



The inner and outer ventilation grilles V2 and adjustable cover V3 are screwed with 3 screws.

|                                                                                   |               |     |
|-----------------------------------------------------------------------------------|---------------|-----|
| S6.2                                                                              | Screws 4,2x75 | x14 |
| S3.2                                                                              | Screws 4,5x50 | x14 |
|  |               |     |

NB! use a level



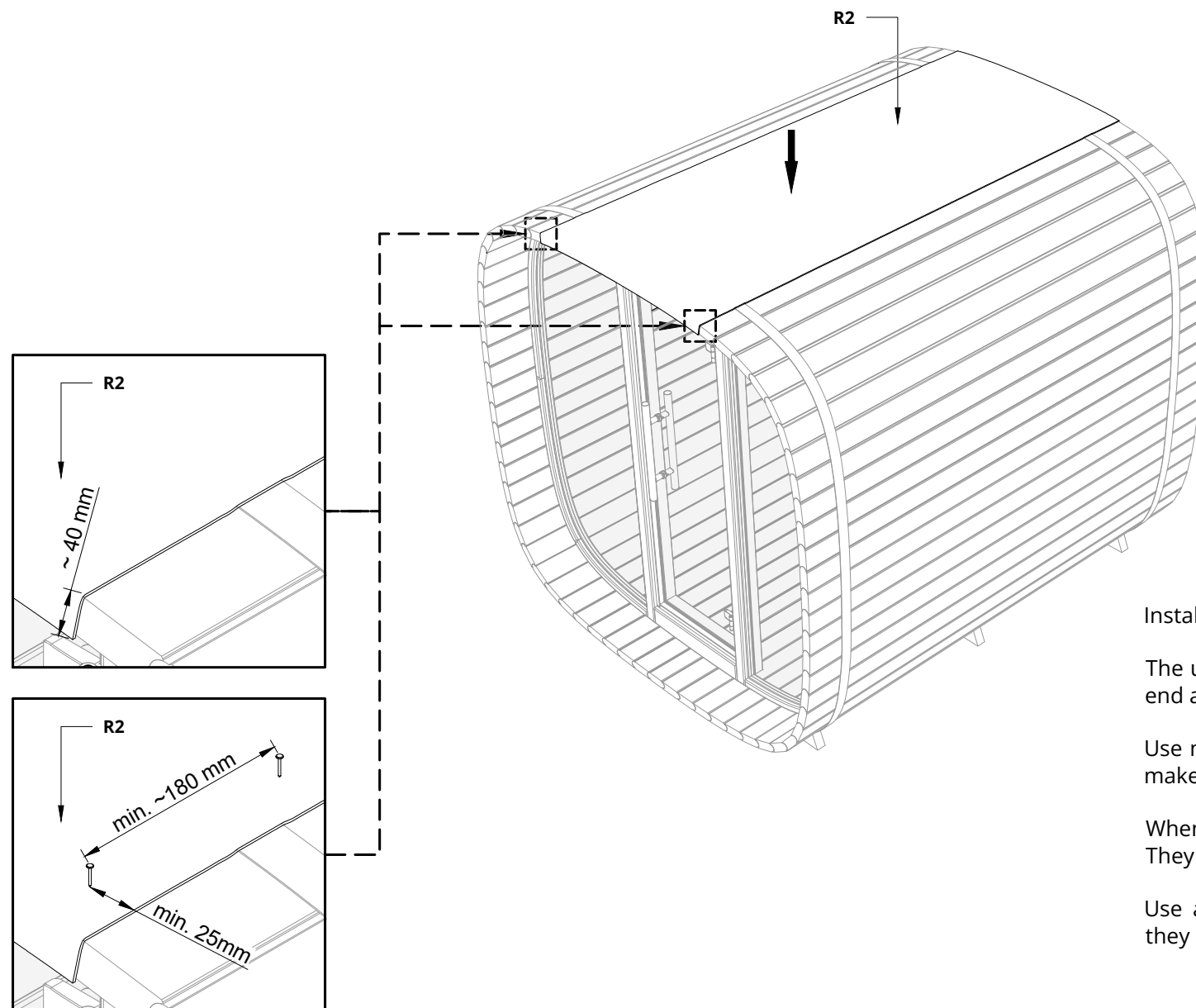
Install the doors from inside (shown in the picture).

Screw the door from the sides with 5 screws from the bottom and from the top with 2 screws.

If the door is in place, install the door moldings, top with 2 screws and bottom with 2 screws and the sides with 5 screws.

**Please countersink the screw head!**

|                                                                                   |             |
|-----------------------------------------------------------------------------------|-------------|
| 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.

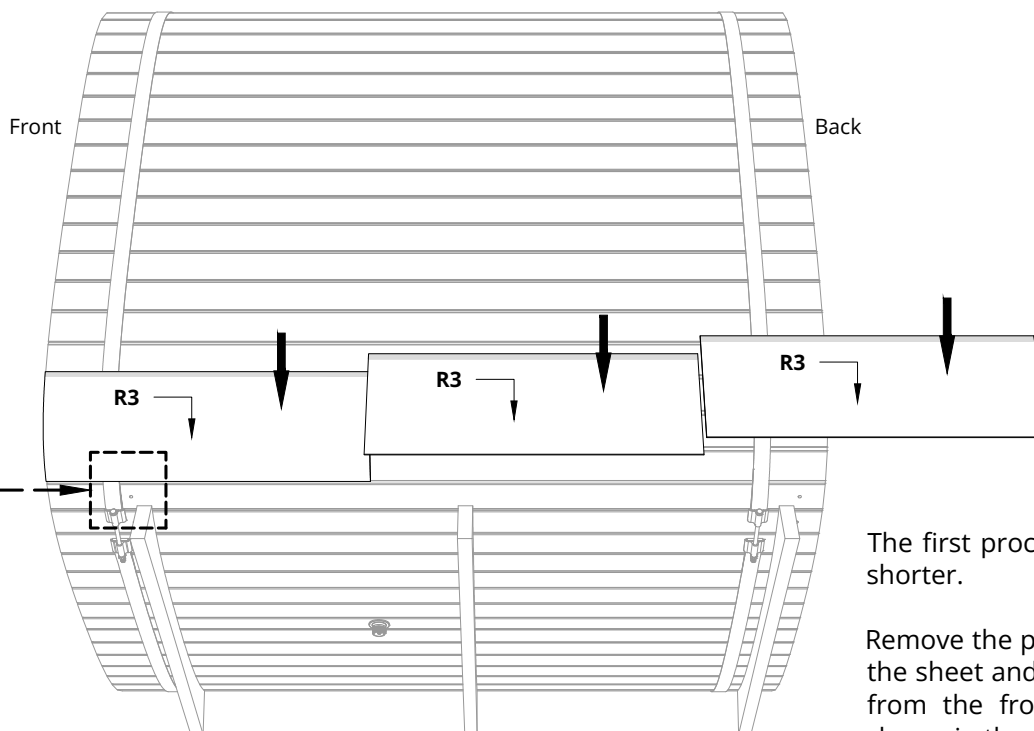
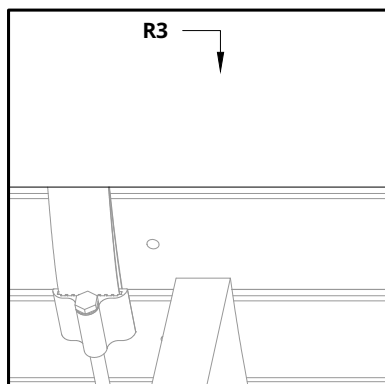
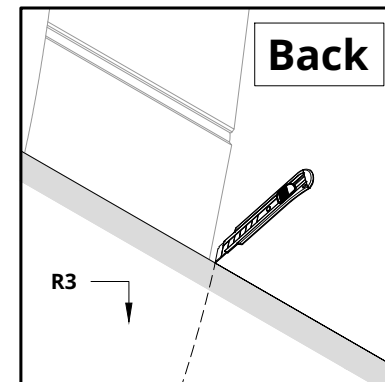
Use a heat source when you bend them, otherwise they may break or leave cracks.

|                                                                                   |             |
|-----------------------------------------------------------------------------------|-------------|
| R5                                                                                | Nail 2,5x25 |
|  |             |

*These pictures are for installing Plano XL cover plates.  
More or less the same applies to other cover plates.*

The base sheet of the first row must be installed first.

Sheets are self-adhesive, for better adhesion use a heat source.



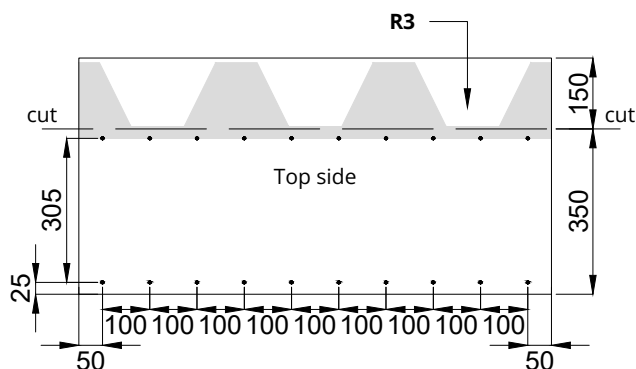
The first procedure is to cut the sheet 150 mm shorter.

Remove the protective films from the bottom of the sheet and put it in place by starting the row from the front and bottom of the sauna as shown in the pictures.

If the sheet is in place, nails must be used to fix it properly. Nails must be placed every 100 mm, 10 pieces for the whole sheet below and above as shown in the picture.

When the row is finished and extends over the edge, it must be cut off and the leftovers can be used to complete the row on the other side.

**Repeat these steps on the other side as well!**

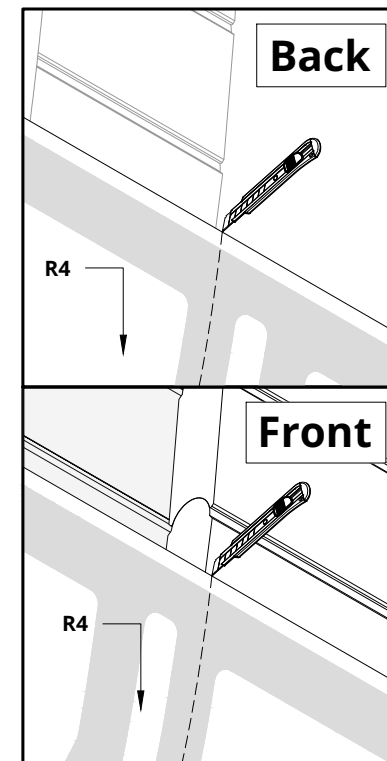
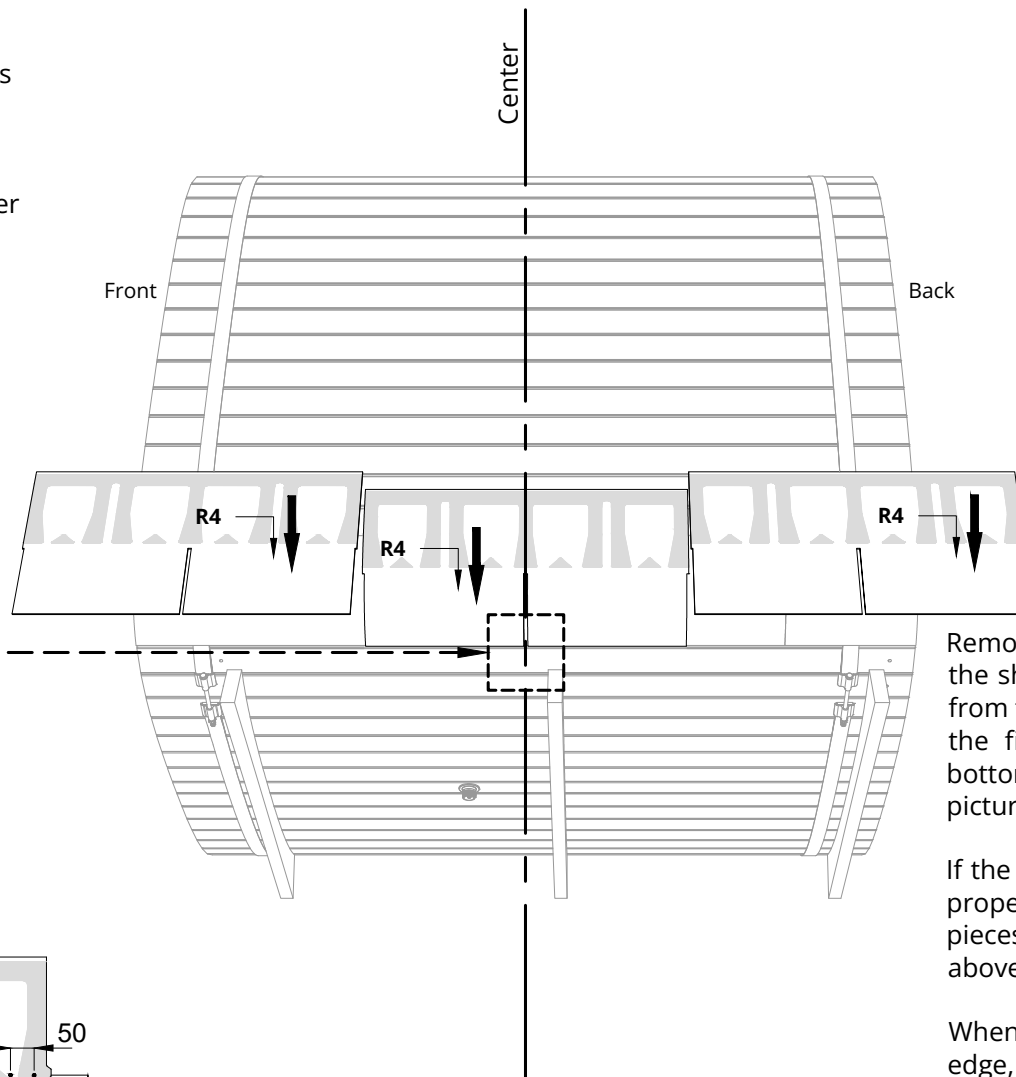
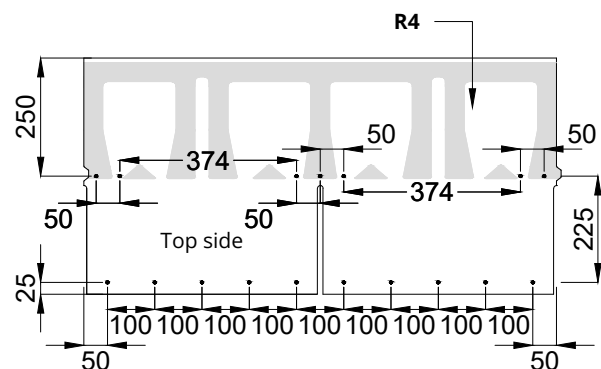
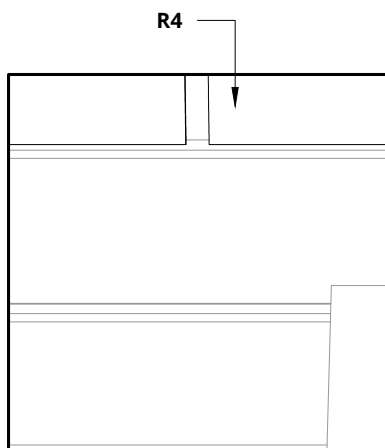


|                                                                                   |             |
|-----------------------------------------------------------------------------------|-------------|
| R5                                                                                | Nail 2,5x25 |
|  |             |

*These pictures are for installing Plano XL cover plates.  
More or less the same applies to other cover plates.*

The first sheet of the first row starts from the bottom and center of the side wall of the sauna.

Sheets are self-adhesive, for better adhesion use a heat source.



Remove the protective film from the bottom of the sheet and put it in place by starting the row from the bottom and center. The bottom edge of the first row sheet must be in line with the bottom edge of the base sheet shown in the pictures.

If the sheet is in place, nails must be used to fix it properly. Nails must be placed every 100 mm, 10 pieces for the whole sheet below and 7 pieces above as shown in the picture.

When the row is finished and extends over the edge, the excess must be cut off and the left-overs can be used in the following rows.

**Repeat these steps on the other side as well!  
( THE LOWER FASTENING NAILS ARE ONLY IN  
THE FIRST ROW )**

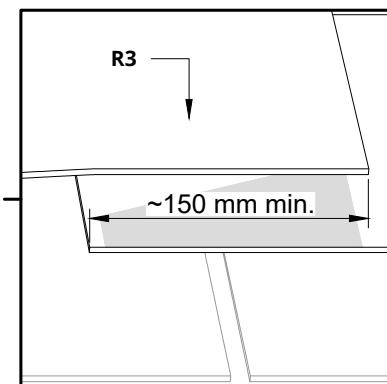
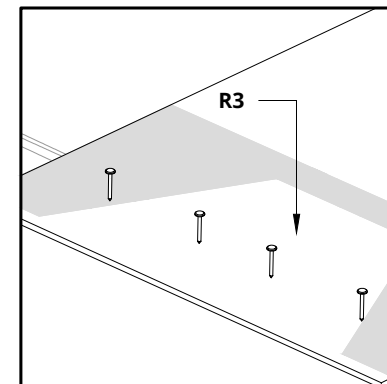
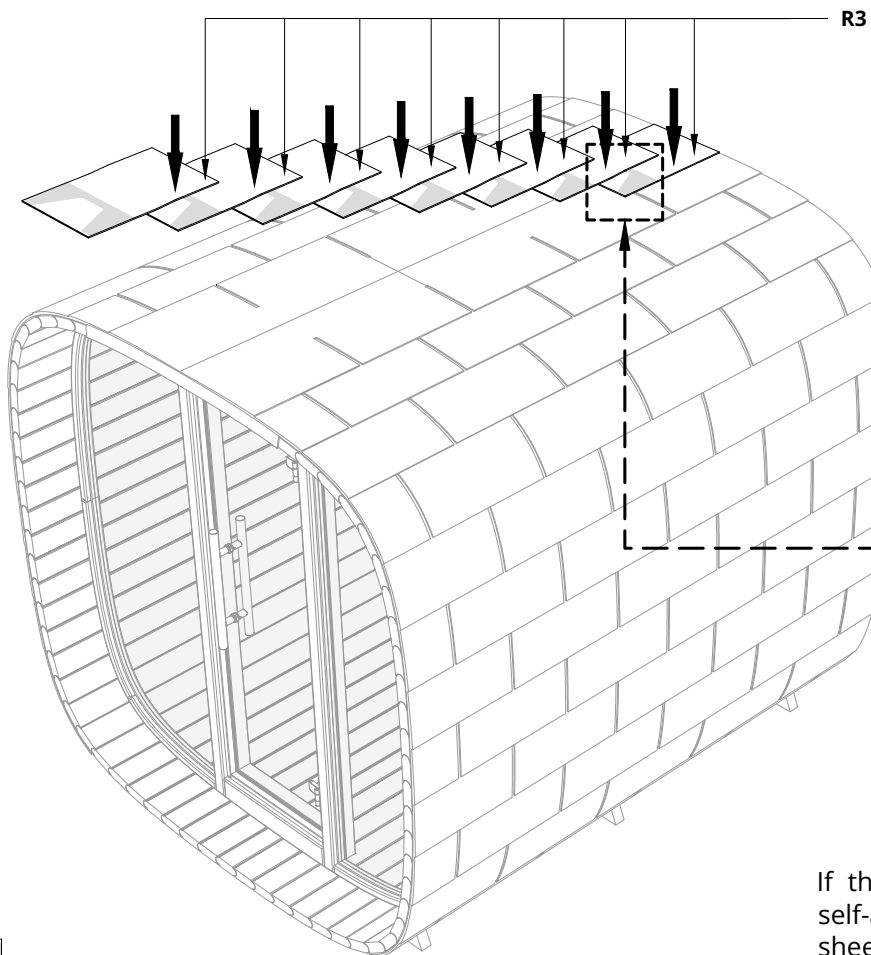
**Recommendation on row arrangement are in  
separate pages.**

|                                                                                   |             |
|-----------------------------------------------------------------------------------|-------------|
| R5                                                                                | Nail 2,5x25 |
|  |             |

*These pictures are for installing Plano XL cover plates.  
More or less the same applies to other cover plates.*

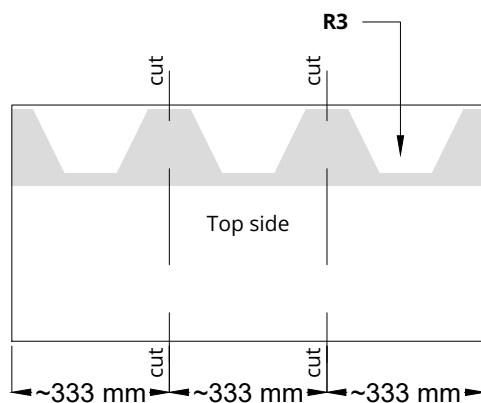
The roof ridge must be placed in the middle, starting from the back end of the sauna or from the front end.

Sheets are self-adhesive, for better adhesion use a heat source.



If the sheet is in place, fasten it with 4 nails on the self-adhesive spot as shown in the picture. The next sheet must be placed so that it overlaps the self-adhesive spot of the first sheet and covers the head of the nail min. length 150 mm.

If the last sheet extends over the edge, it must be cut off, and if the self-adhesive part remains visible, it must be covered with a suitable piece of excess, use bitumen silicone for fixing.



The first procedure is to cut the sheet into three pieces.

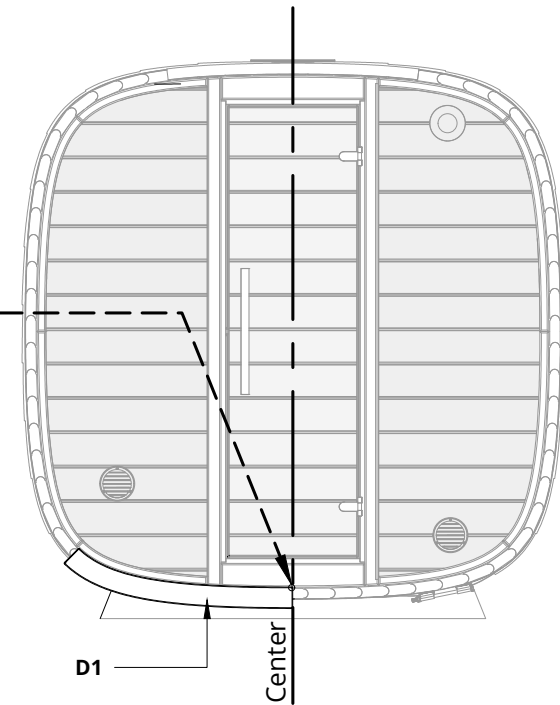
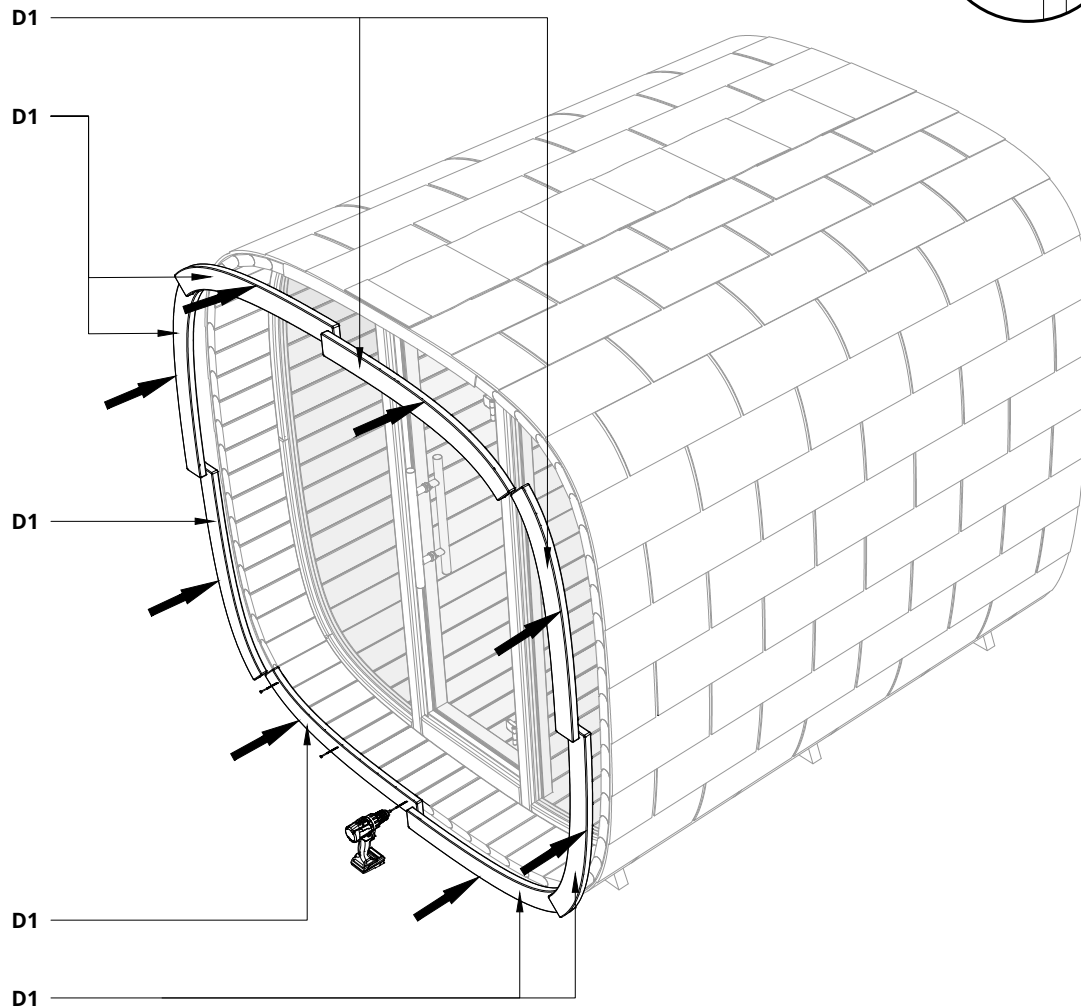
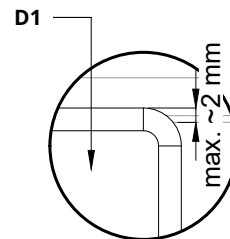
Remove the protective film from the sheet and put it in place by starting the ridge row from back end of the sauna or from the front end.

|                                                                                   |                                 |     |
|-----------------------------------------------------------------------------------|---------------------------------|-----|
| S6.1                                                                              | Screws 4,5x70<br>(black coated) | x48 |
|  |                                 |     |

NB! use a level



Installation of cover boards at the front end and at the back end of the sauna.



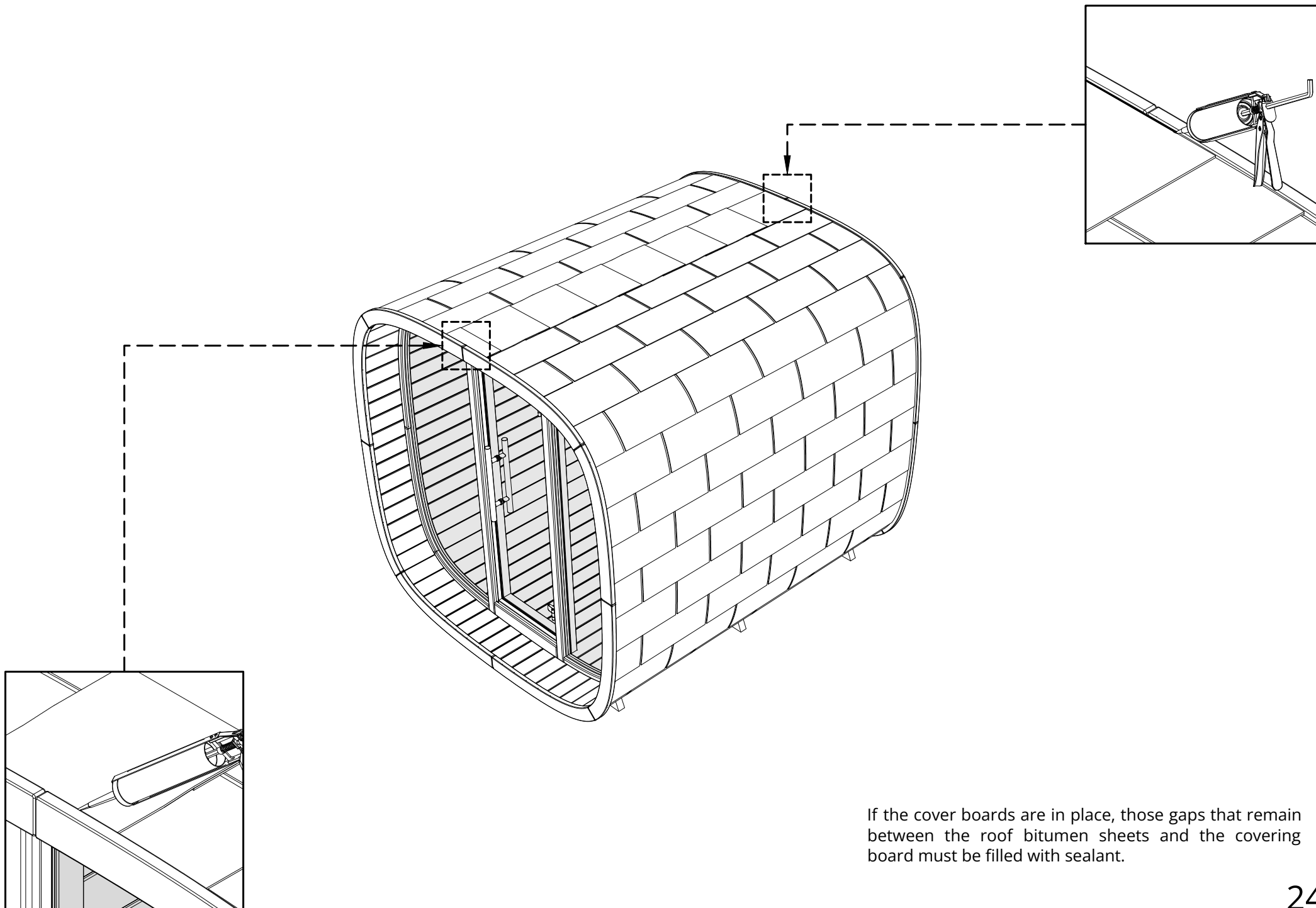
The installation of the cover boards is started from the bottom as shown in picture.

The upper edge of the first cover board must be at the same height as the floor. It can also be a little higher than the floor level, but not more than 2 mm.

Glue must be added to the lower 2 cover boards before screwing. Each cover board is screwed with 3 screws.

If the front end of the sauna is done, the back end of the sauna must be done in the same way.

**Please countersink the screw head!**



If the cover boards are in place, those gaps that remain between the roof bitumen sheets and the covering board must be filled with sealant.

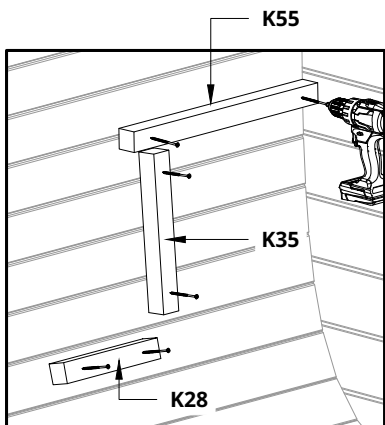
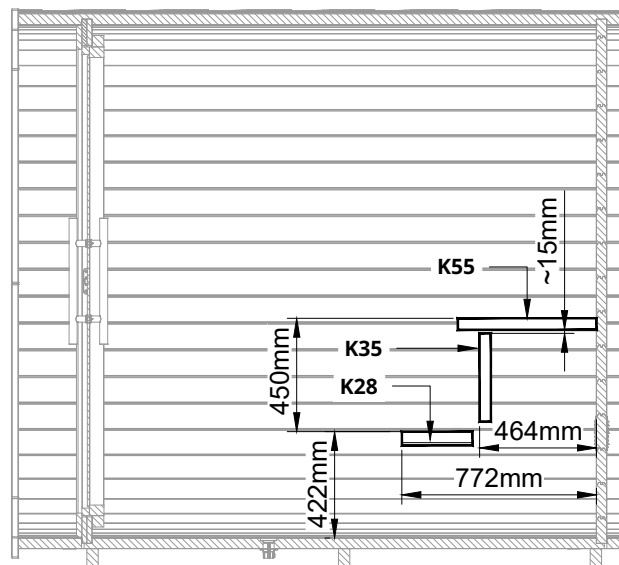
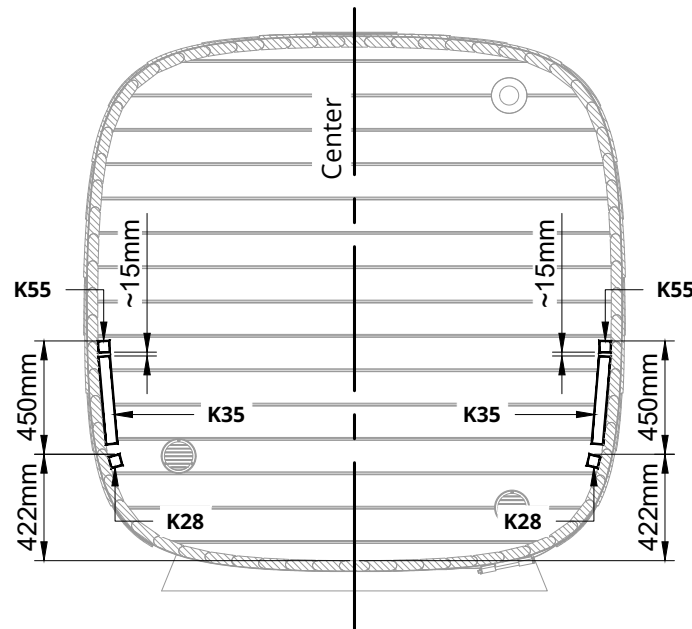
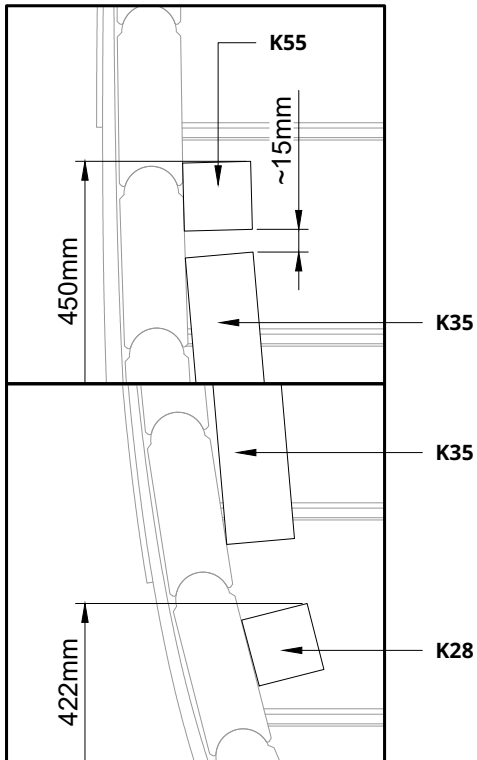
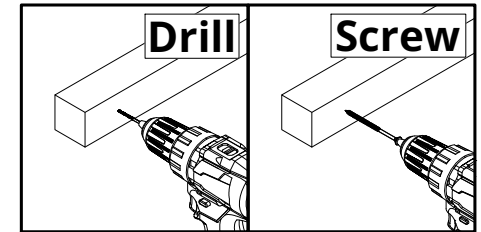
|                                                                                   |                                                      |     |
|-----------------------------------------------------------------------------------|------------------------------------------------------|-----|
| S7                                                                                | Screws 4,5x80 for Spruce<br>Screws 4,2x75 for Thermo | x12 |
|  |                                                      |     |

NB! use a level



### Notice!

Drill 4mm hole in the K.. square woods before screwing.



Height measurements are measured from a straight surface.

Please countersink the screw head!

First measure and install K28. The upper edge height of K28 is shown in the picture.

Next measure and install K55. Measure the upper edge of the K55 from the upper edge of K28.

Next measure and install K35.

Before installing square wood K28, K35 and K55, drill holes for screws. Add glue for K28 and K55, then screw them to the wall and wipe off the excess glue.

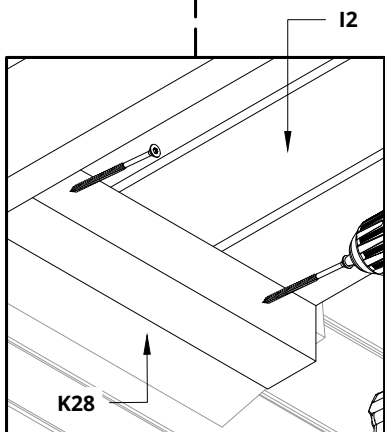
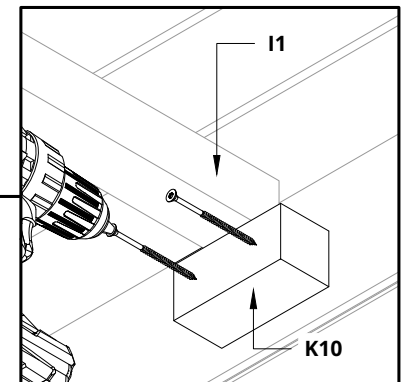
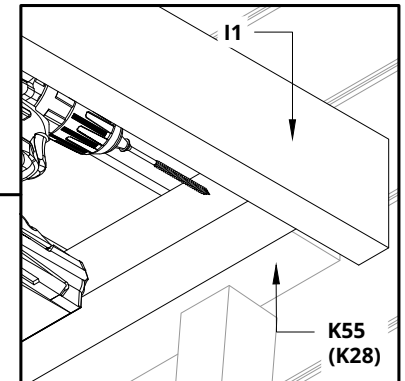
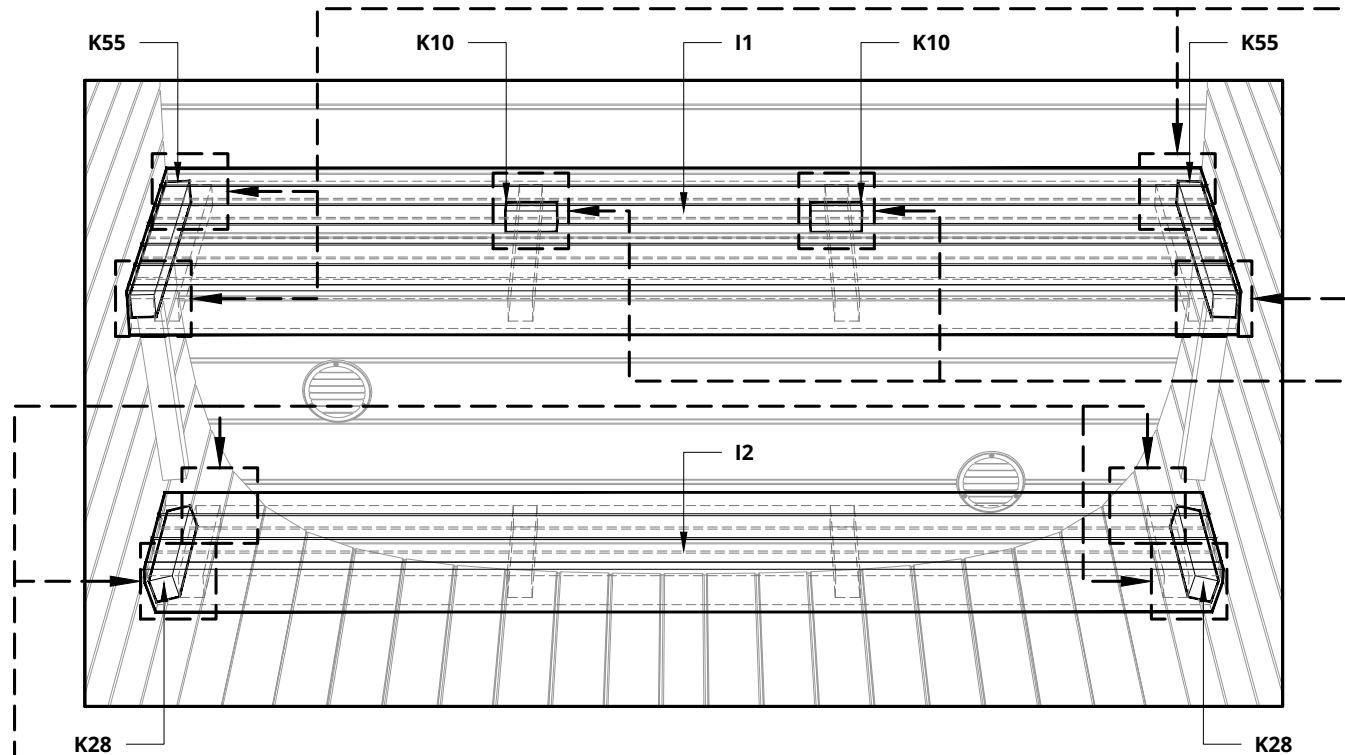
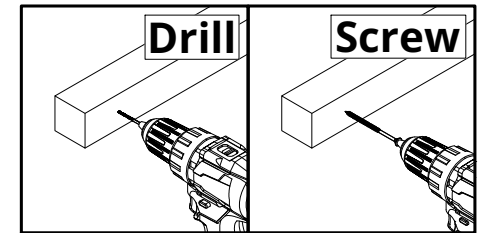
|                                                                                   |                                                      |     |
|-----------------------------------------------------------------------------------|------------------------------------------------------|-----|
| S7                                                                                | Screws 4,5x80 for Spruce<br>Screws 4,2x75 for Thermo | x12 |
|  |                                                      |     |

NB! use a level



### Notice!

Drill 4mm hole in the K10 square wood before screwing.



First install and fix the I1 upper bench to the K55 with two S7 screws .

Once the upper bench is attached, K10 must be installed next. K10 must be installed with two S7 screws, the locations are shown in the pictures.

Now install and fix the I2 bench to K28 with two screws.

*Before installing square wood K10, drill holes for screws. Add glue and then screw it to the wall and wipe off the excess glue.*

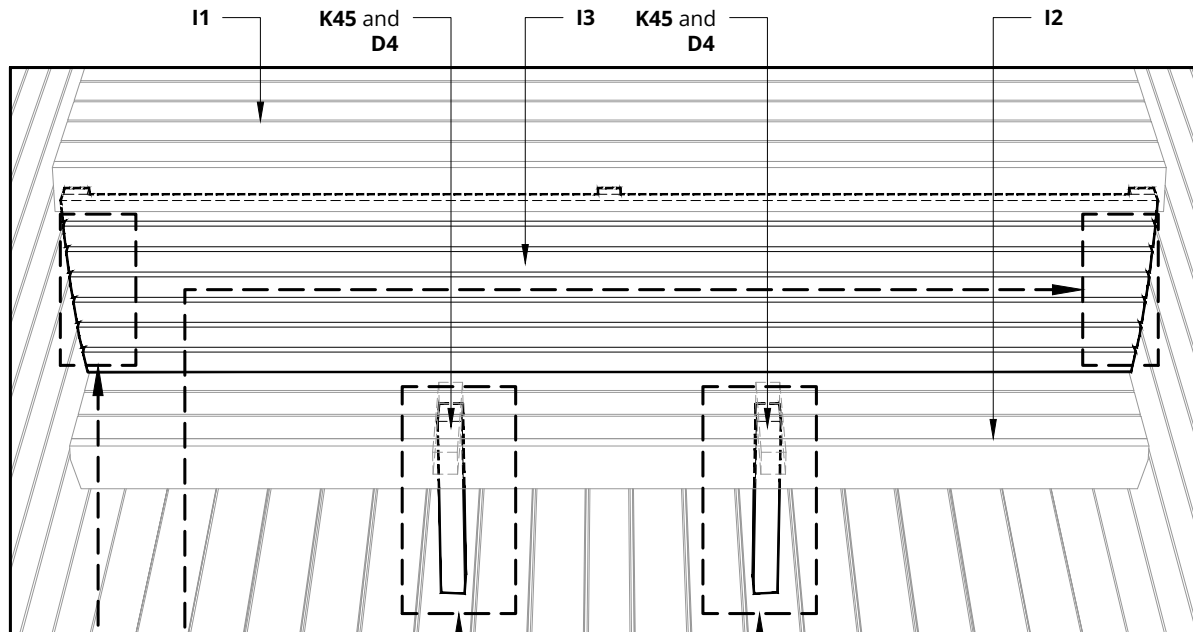
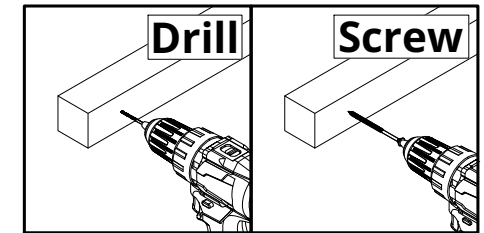
|                                                                                   |                                                      |     |
|-----------------------------------------------------------------------------------|------------------------------------------------------|-----|
| S5                                                                                | Screws 4,5x60 for Spruce<br>Screws 4,2x55 for Thermo | x12 |
|  |                                                      |     |

NB! use a level



### Notice!

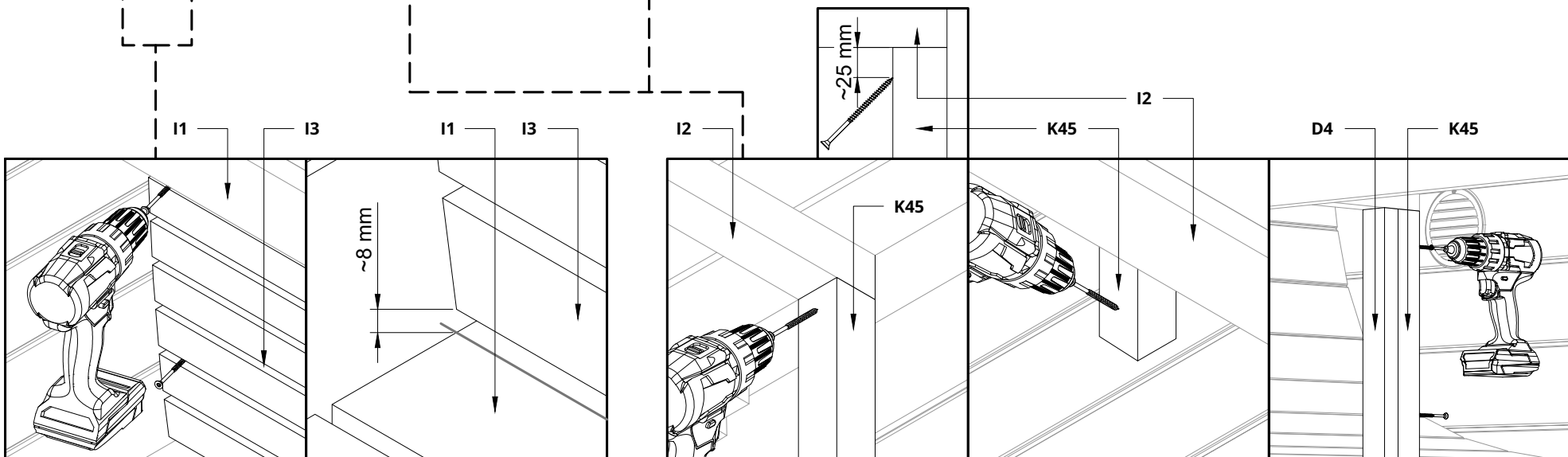
Drill 4mm hole in the K.. square woods before screwing.



**The measurement must be started from the lower edge of the square wood attached under the bench.**  
**The square wood and cover board are longer, they must be cut to the correct size.**

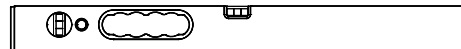
First measure and install the legs K45 of the middle bench I2. Measure from the bench to the floor. Cut the K45 to size. If it is cut correctly, make sure that square wood K45 stays perpendicular to the bench when attaching it. Then install cover boards D4. Cut the D4 to size and install to the K45 legs with two screws each as shown in the picture.

Next install the bench skirt I3. It must be placed so that there is a small gap between the lower edge and the middle bench I2. Fasten with four screws.



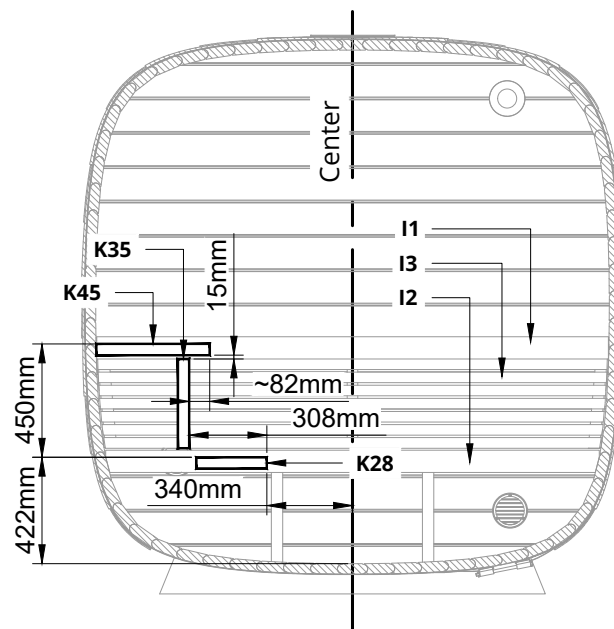
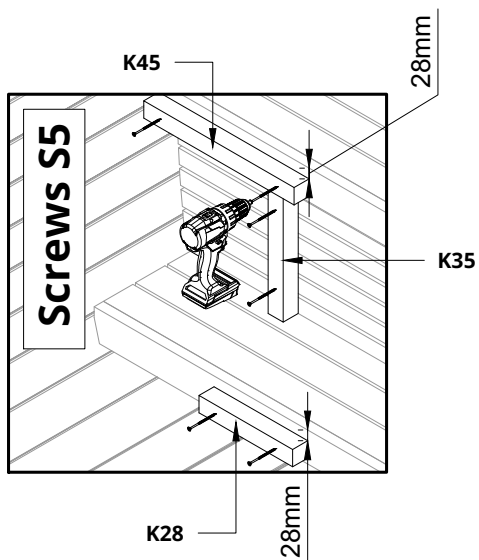
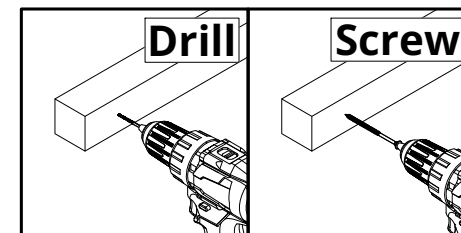
|                                                                                   |                                                      |    |
|-----------------------------------------------------------------------------------|------------------------------------------------------|----|
| S5                                                                                | Screws 4,5x60 for Spruce<br>Screws 4,2x55 for Thermo | x6 |
| S7                                                                                | Screws 4,5x80 for Spruce<br>Screws 4,2x75 for Thermo | x2 |
|  |                                                      |    |

NB! use a level



### Notice!

Drill 4mm hole in the K.. square woods before screwing.



**Height measurements are measured from a straight surface.**

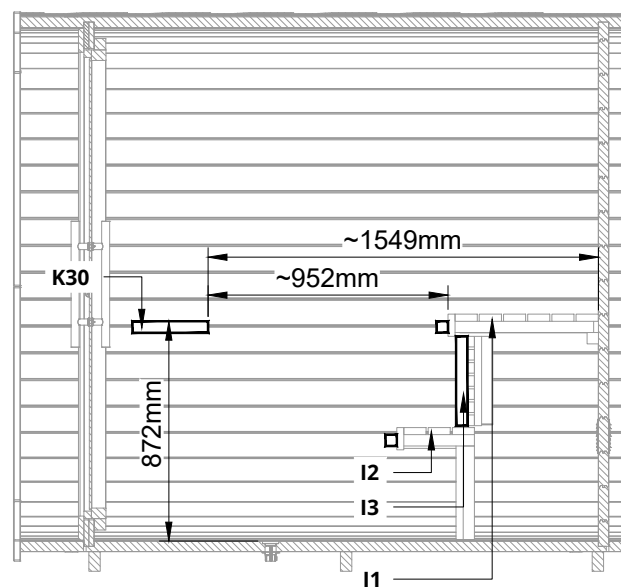
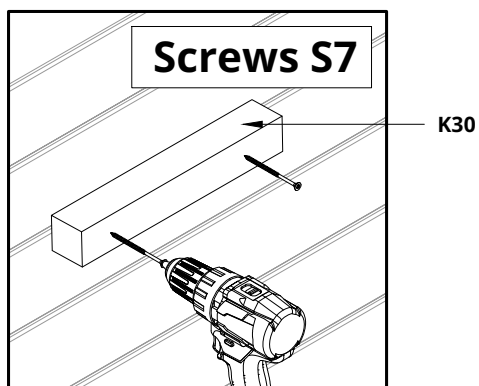
**Please countersink the screw head!**

First measure and install K28. The upper edge height of K28 is shown in the picture.

Next measure and install K55. Measure the upper edge of the K55 from the K28.

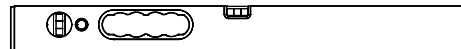
Next measure and install K35. The K35 should be perpendicular to the K55.

*Before installing square wood K28, K35 and K55, drill holes for screws. Add glue for K28 and K55, then screw them to the wall and wipe off the excess glue.*



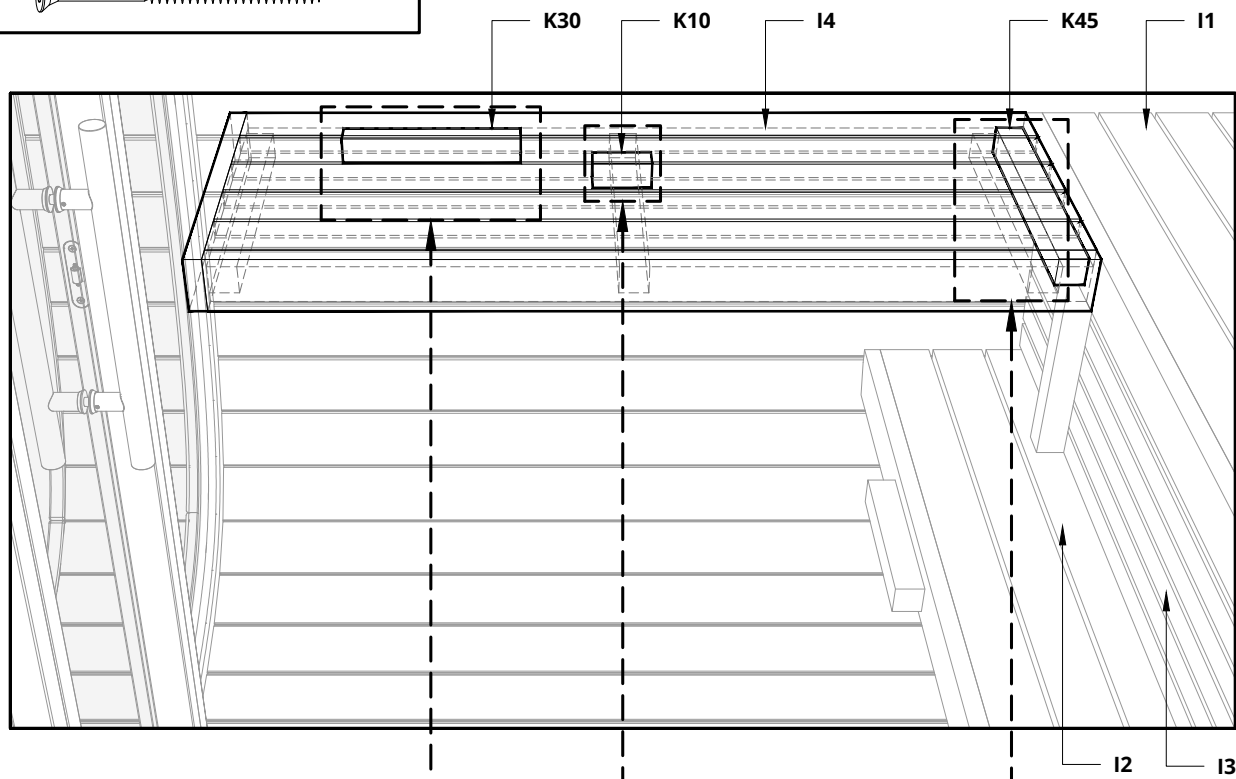
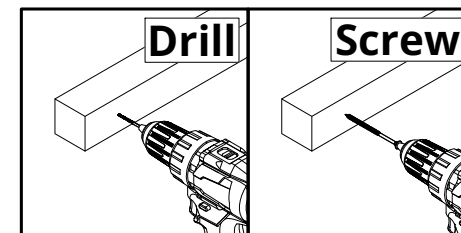
|                                                                                   |                                                      |    |
|-----------------------------------------------------------------------------------|------------------------------------------------------|----|
| S5                                                                                | Screws 4,5x60 for Spruce<br>Screws 4,2x55 for Thermo | x2 |
| S7                                                                                | Screws 4,5x80 for Spruce<br>Screws 4,2x75 for Thermo | x4 |
|  |                                                      |    |

NB! use a level



### Notice!

Drill 4mm hole in the K.. square woods before screwing.

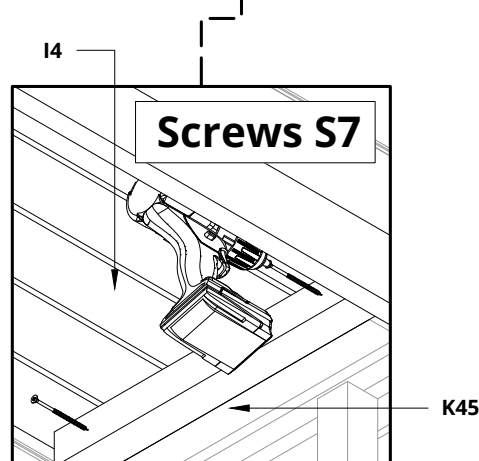
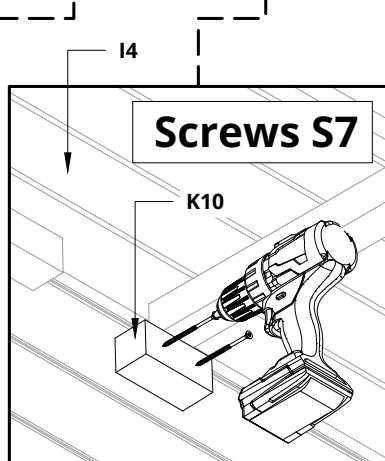
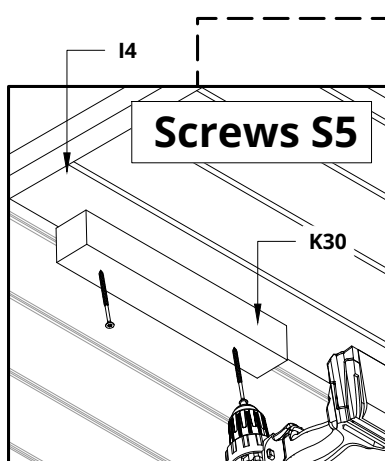


Install and fix the I4 upper bench to the wall mounts K45 with two S7 screws and K30 with two S5 screws.

Install some aids to keep the bench level.

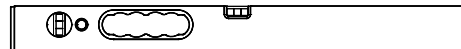
Once the upper bench is attached and level, K10 must be installed next. The K10 must be installed with two S7 screws, the locations are shown in the pictures.

*Before installing square wood K10, drill holes for screws. Add glue and then screw it to the wall and wipe off the excess glue.*



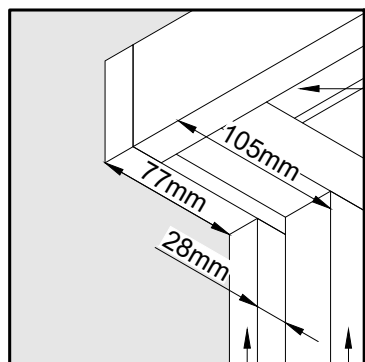
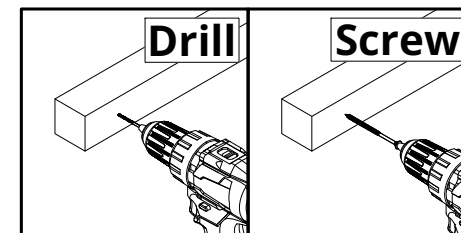
|                                                                                   |                                                      |    |
|-----------------------------------------------------------------------------------|------------------------------------------------------|----|
| S5                                                                                | Screws 4,5x60 for Spruce<br>Screws 4,2x55 for Thermo | x4 |
|  |                                                      |    |

NB! use a level



### Notice!

Drill 4mm hole in the K.. square woods before screwing.



**The measurement must be started from the lower edge of the square wood attached under the bench for square wood legs.**

**The square wood and cover board are longer, they must be cut to the correct size.**

**Please countersink the screw head!**

Mark the distance of the square wood K90 from the outer edge of the bench. Measure from bench I4 down to the floor. Cut the K90 to size. Make sure that square wood K90 stays perpendicular to the bench when attaching it.

Before installing the cover board D2, mark the distance from the outer edge of the bench.

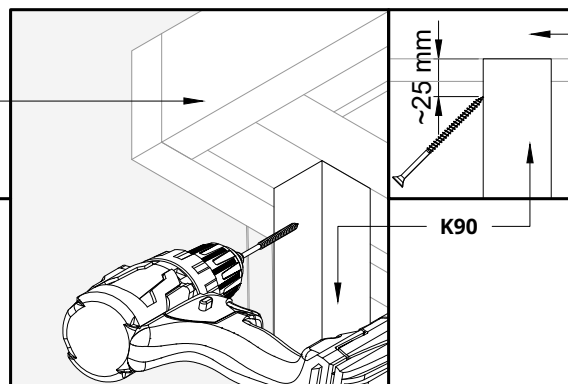
Measure from the marked point down to the floor. Cut the D2 cover board to size. If it is cut to size, fasten with two S5 screws.

Make sure that cover board D2 stays perpendicular to the bench and in parallel with K90 when attaching it to K90.

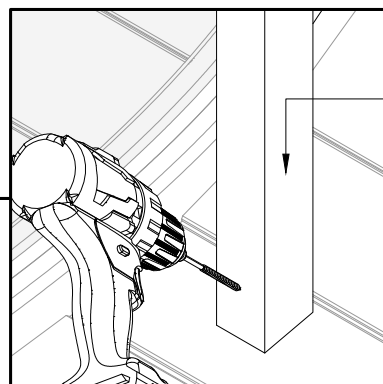
D2

K90

I4



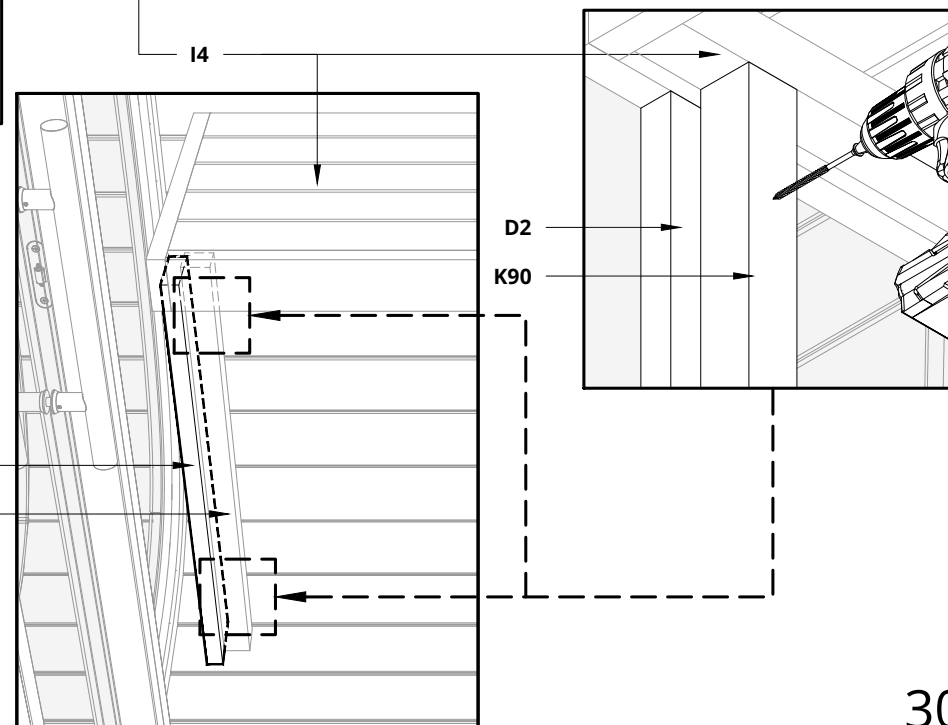
K90



K90

D2

K90

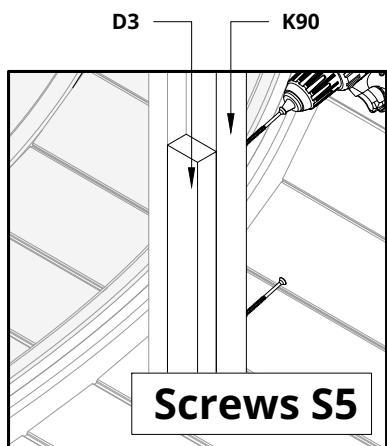
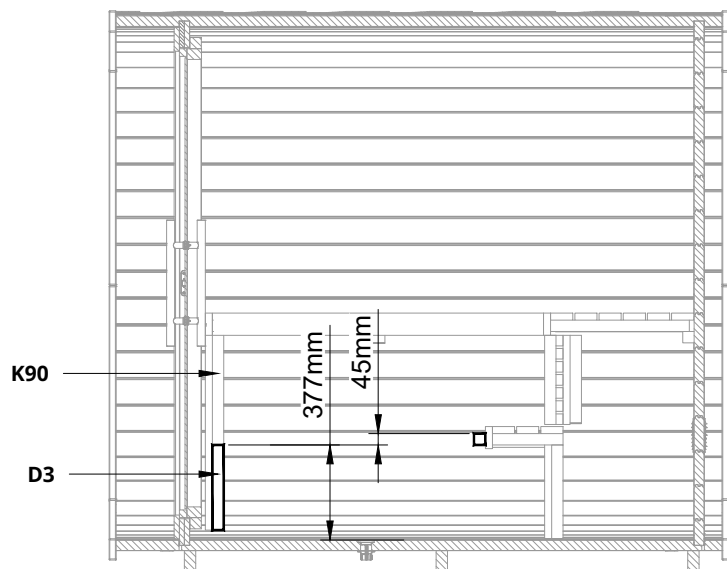
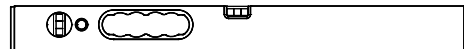


D2

K90

|                                                                                   |                                                      |    |
|-----------------------------------------------------------------------------------|------------------------------------------------------|----|
| S5                                                                                | Screws 4,5x60 for Spruce<br>Screws 4,2x55 for Thermo | x2 |
| S7                                                                                | Screws 4,5x80 for Spruce<br>Screws 4,2x75 for Thermo | x3 |
|  |                                                      |    |

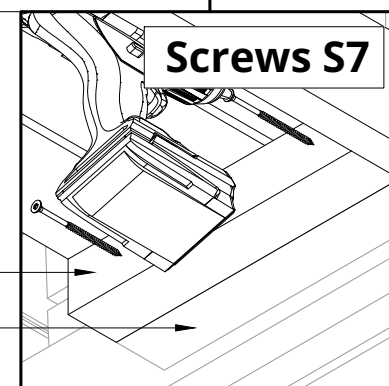
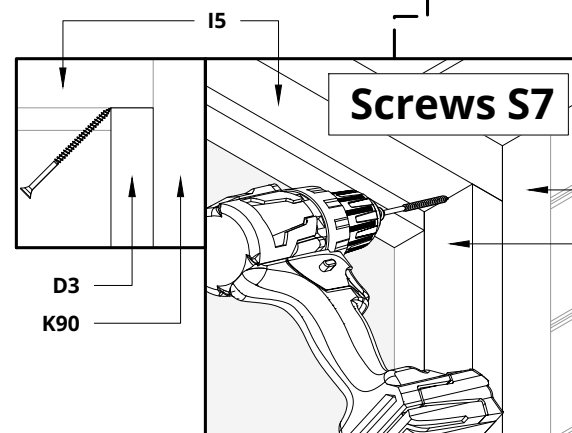
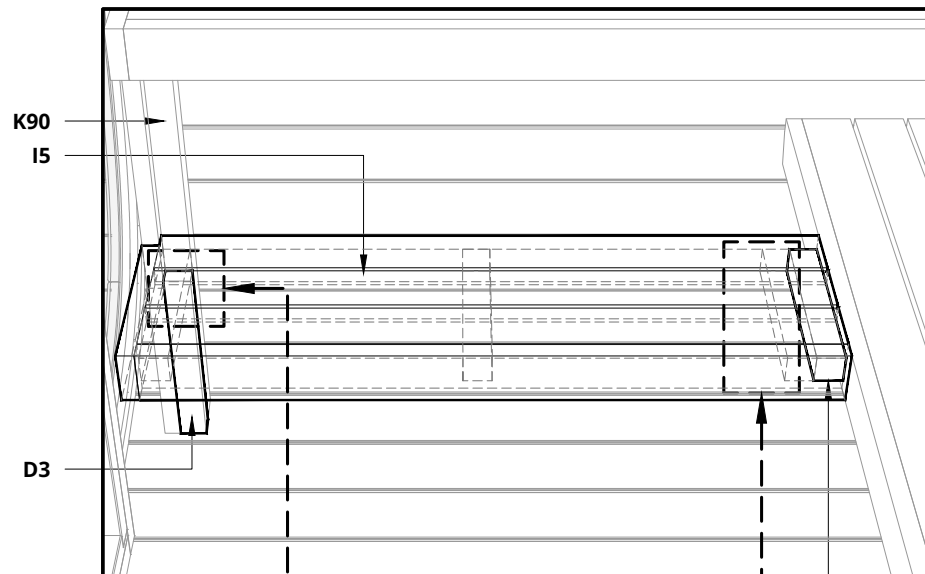
NB! use a level



***The cover board is longer, it must be cut to the correct size.***

**Height measurements are measured from a straight surface.**

First install cover board piece D3. Mark the upper edge of D3 cover board piece. Measure from the marked point to the floor to get the measurement. Cut the D3 cover board piece to size.



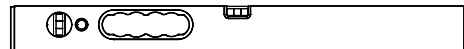
Attach the D3 cover board piece to K90 square wood with two S5 screws.

Now install and fix the I5 bench to the K28 with two S7 screws and to K90 with one S7 screw.

Install an aid to keep the bench level.

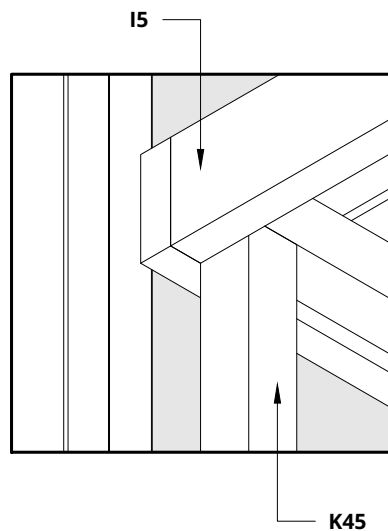
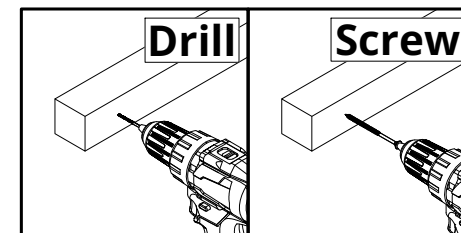
|                                                                                   |                                                      |    |
|-----------------------------------------------------------------------------------|------------------------------------------------------|----|
| S5                                                                                | Screws 4,5x60 for Spruce<br>Screws 4,2x55 for Thermo | x6 |
|  |                                                      |    |

NB! use a level



### Notice!

Drill 4mm hole in the K.. square woods before screwing.



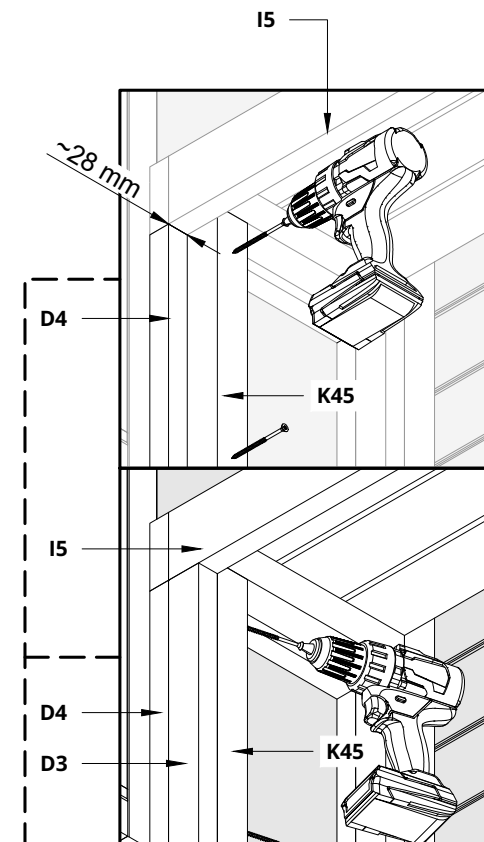
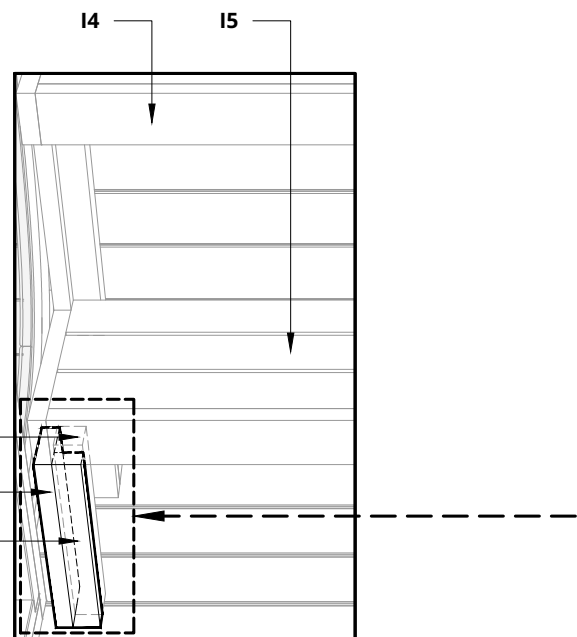
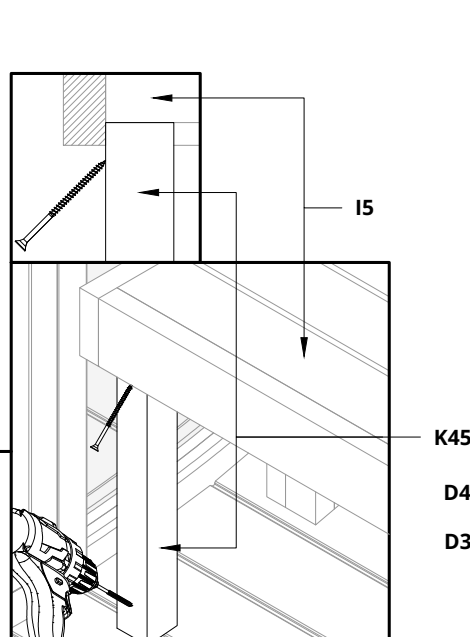
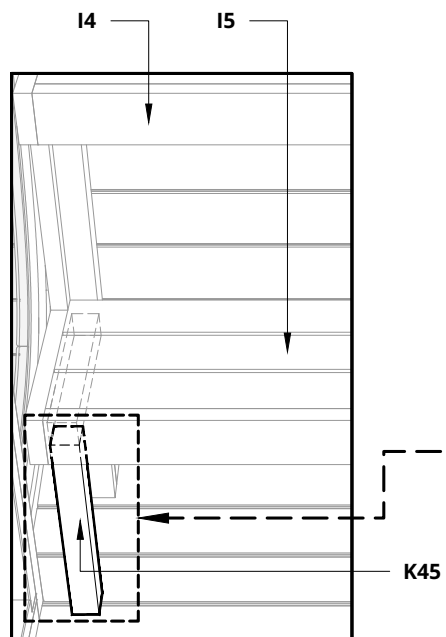
*The measurement must be started from the lower edge of the square wood attached under the bench.*

*The square wood and cover board are longer, they must be cut to the correct size.*

**Please countersink the screw heads that are hidden behind the other part!**

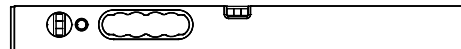
First measure and install the corner leg K45 of the bench I5. Measure from the bench to the floor. Cut the K45 to size. Make sure that square wood K45 stays perpendicular to the bench when attaching it.

Next measure and install the corner leg K45 cover boards D3 and D4. Measure from the bench to the floor. Cut the D3 and D4 to size. First install cover board D4 and then D3. Both are attached with two screws to the corner leg K45 square wood.



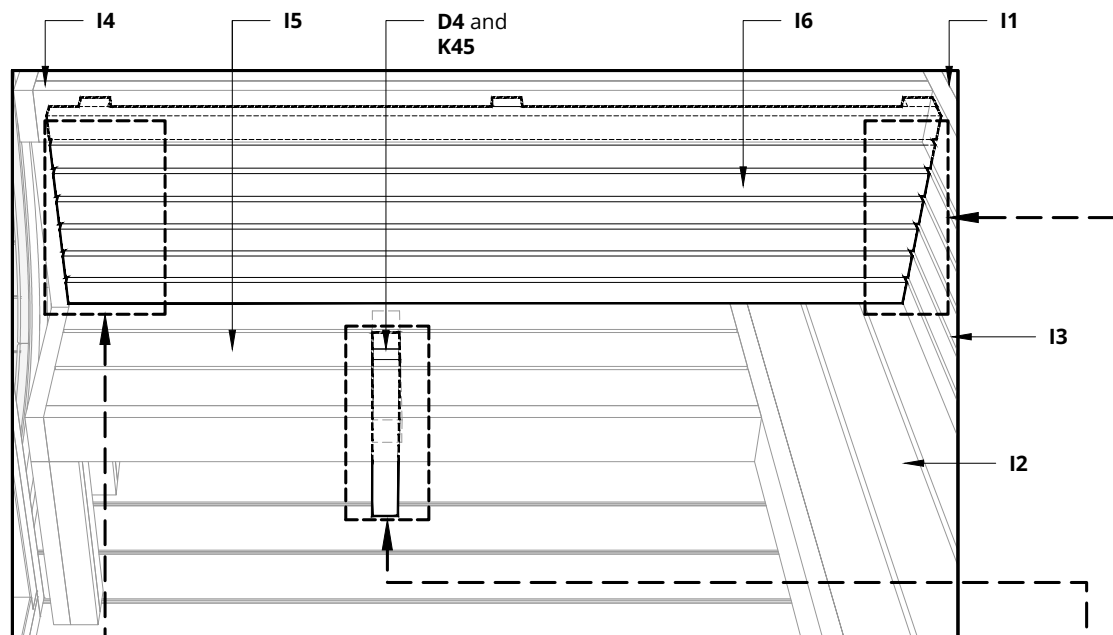
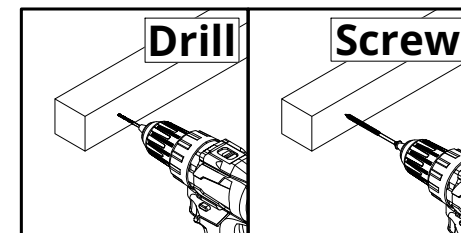
|                                                                                   |                                                      |    |
|-----------------------------------------------------------------------------------|------------------------------------------------------|----|
| S5                                                                                | Screws 4,5x60 for Spruce<br>Screws 4,2x55 for Thermo | x8 |
|  |                                                      |    |

NB! use a level



### Notice!

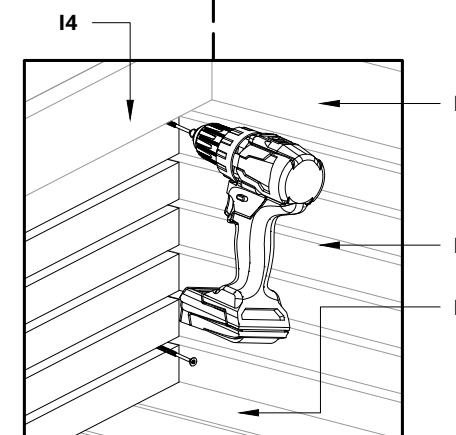
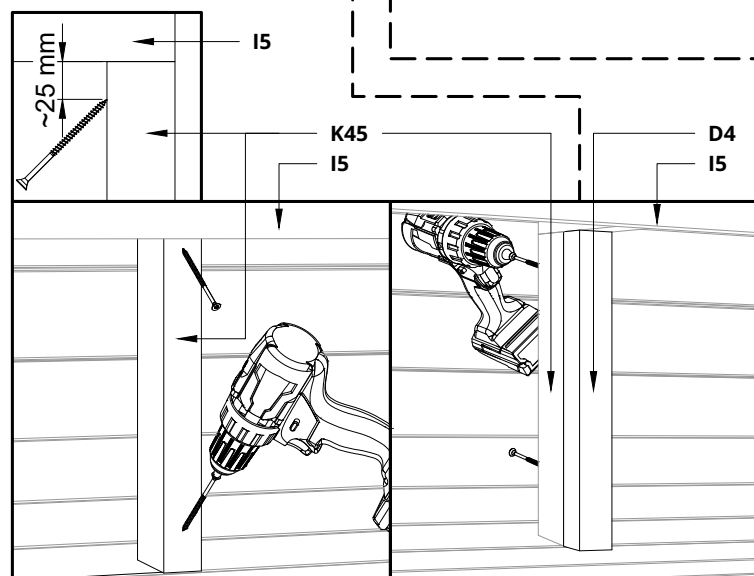
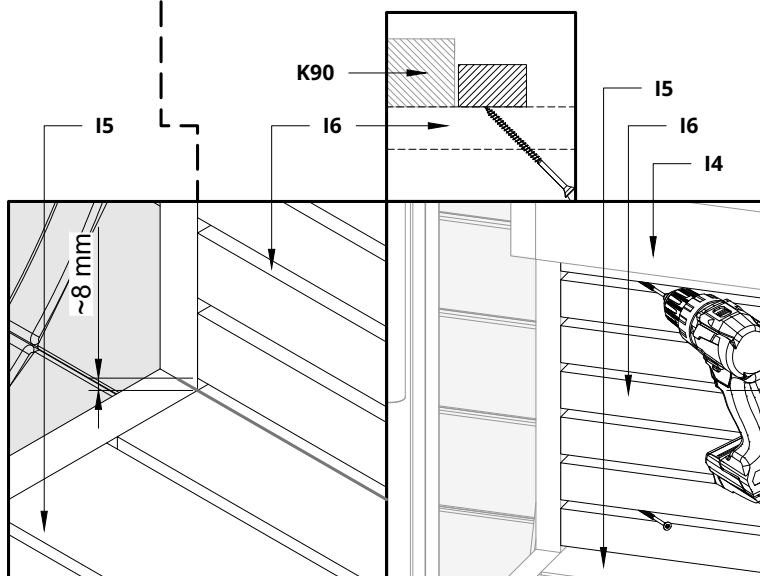
Drill 4mm hole in the K.. square woods before screwing.



**The measurement must be started from the lower edge of the square wood attached under the bench.**  
**The square wood and cover board are longer, they must be cut to the correct size.**

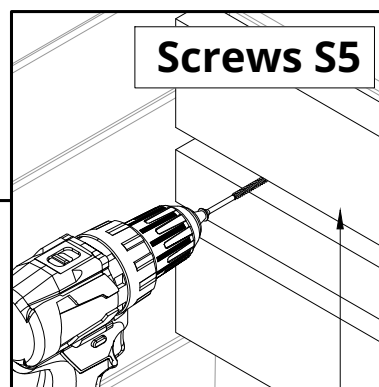
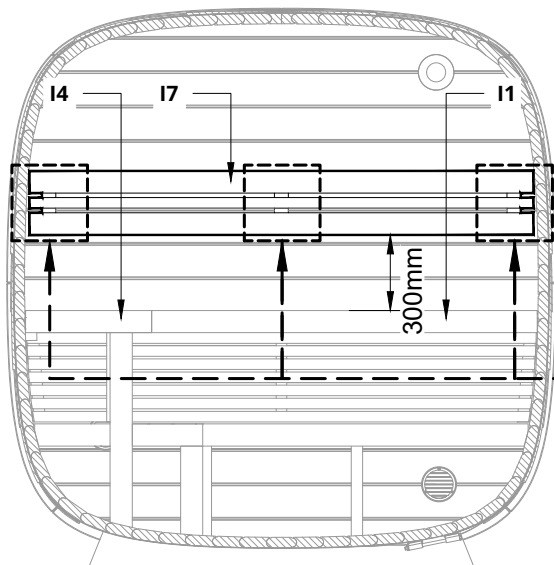
First measure and install the legs K45 of the middle bench I5. Measure from the bench to the floor. Cut the K45 to size. Make sure that square wood K45 stays perpendicular to the bench when attaching it. Then cut the cover boards D4 to size and install to the K45 legs with two screws each as shown in the picture.

Next install the bench skirt I6. It must be placed so that there is a small gap between the lower edge and the middle bench I5. Fasten with four screws.



|                                                                                   |                                                      |    |
|-----------------------------------------------------------------------------------|------------------------------------------------------|----|
| S2                                                                                | Screws 3x40                                          | x3 |
| S5                                                                                | Screws 4,5x60 for Spruce<br>Screws 4,2x55 for Thermo | x6 |
|  |                                                      |    |

NB! use a level

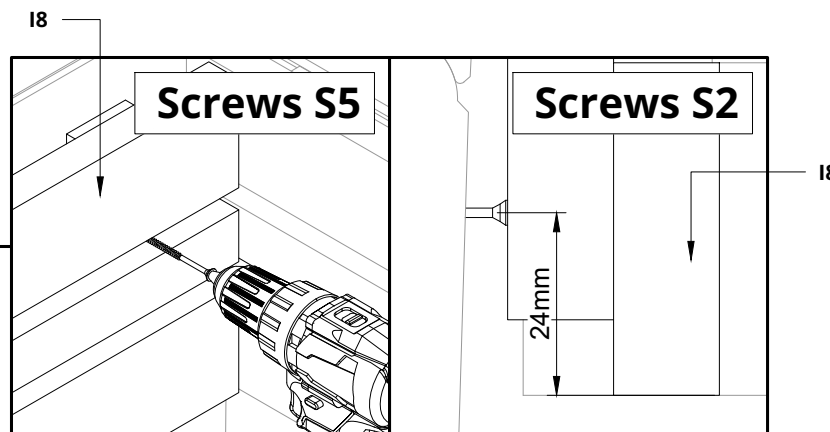
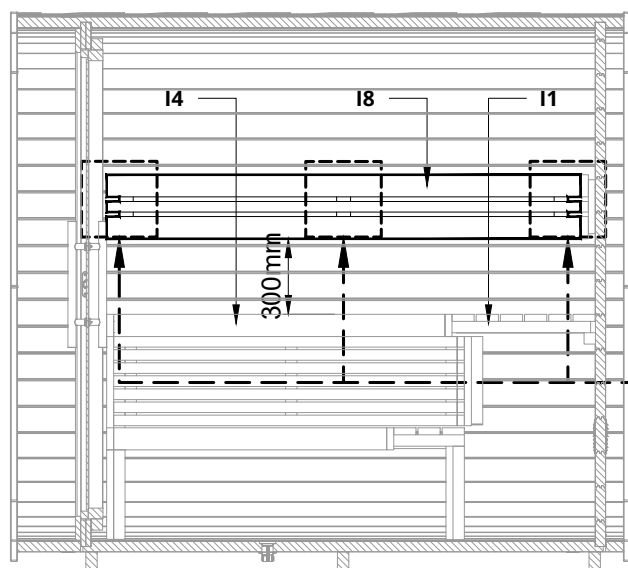


17

**The height of the lower edge of the backrest is shown in the picture.**

First install the bench backrest 17 and fasten with three screws S5. The height of the lower edge of the backrest is shown in the picture.

Next install the bench backrest 18. It needs to be set from the bottom edge as the wall is not flat. For leveling, use S2 screws, putting them behind the block with which the backrests are against the wall. At the beginning, screw the screws in, leaving 20 mm out, then, if necessary, turn them inward or outward. Or use spacer blocks.



|                                                                                   |                                                      |    |
|-----------------------------------------------------------------------------------|------------------------------------------------------|----|
| S5                                                                                | Screws 4,5x60 for Spruce<br>Screws 4,2x55 for Thermo | x2 |
| S7                                                                                | Screws 4,5x80 for Spruce<br>Screws 4,2x75 for Thermo | x3 |
|  |                                                      |    |

NB! use a level



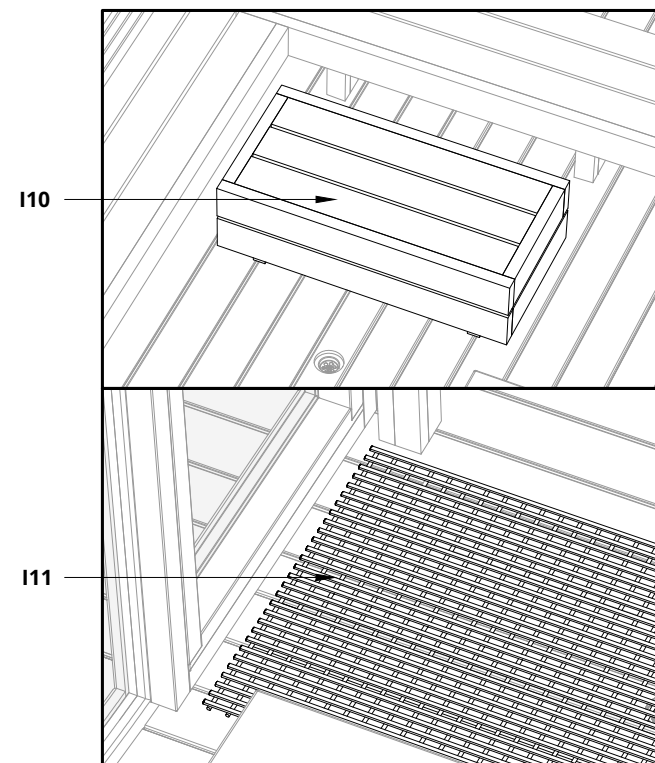
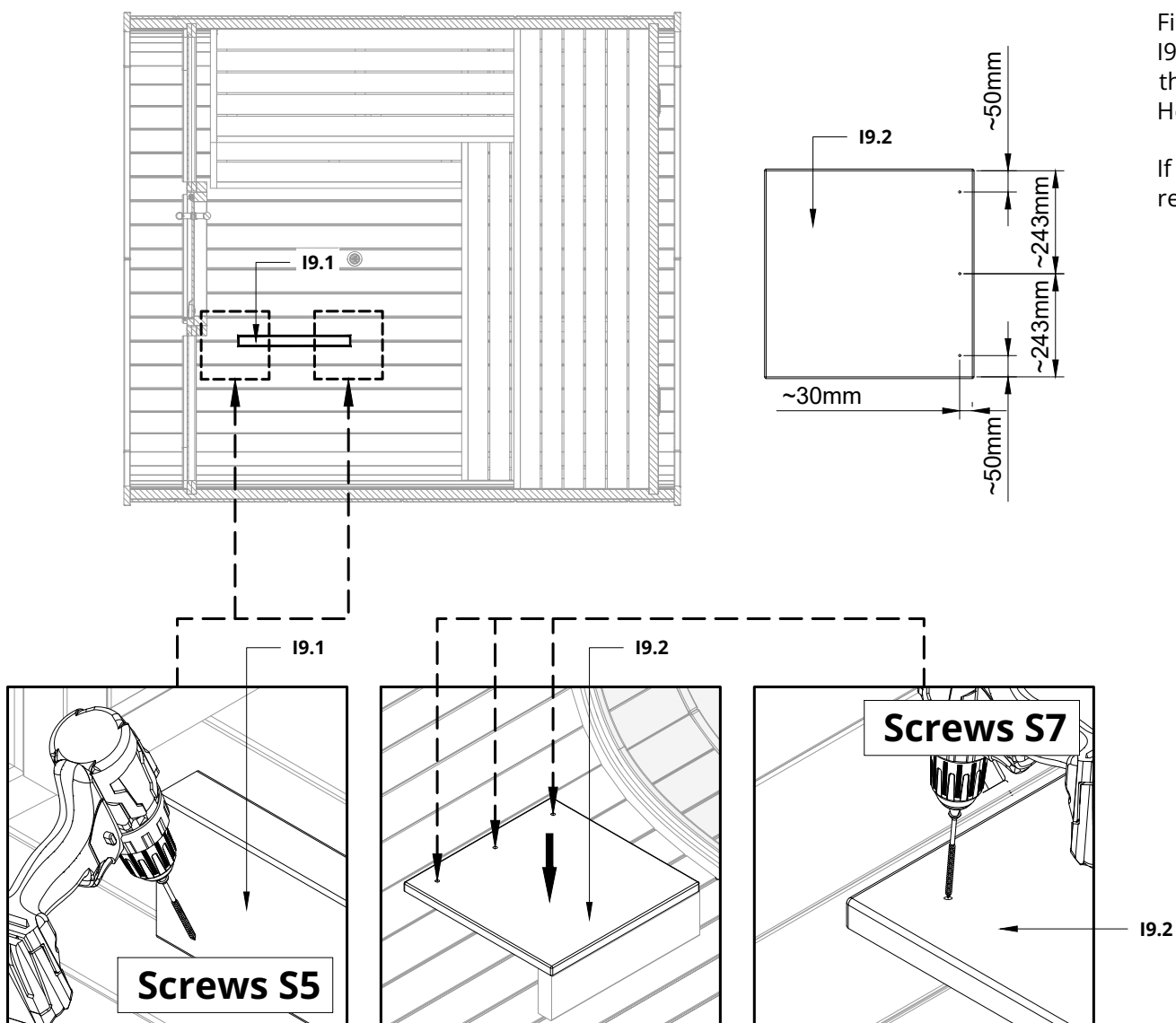
### Notice!

Drill 5mm hole in the I9.2 before screwing.

Installation of heater thermal plate I9.2.

First install the leg I9.1 of the thermal protection plate I9.2, place it as shown in the pictures. Before placing the thermal protection plate I9.2, drill 5 mm holes in it. Hole location are shown in picture.

If the thermal protection plate is in place, place the removable bench I10 and floor mat I11.



# 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.



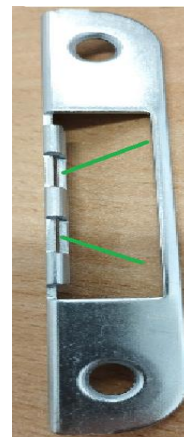
**Fig.2** Frame horizontal direction adjustment bolt

### 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 bent 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.

