

DELUX Sauna

construction guide&packing list

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.
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 mm² 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.

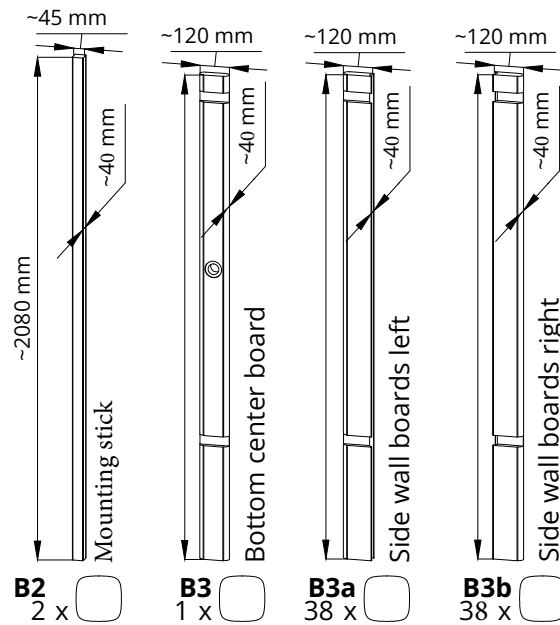
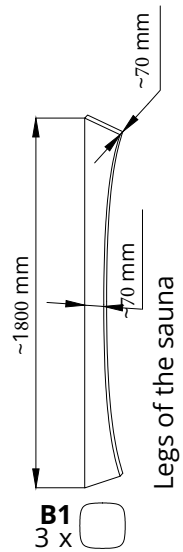
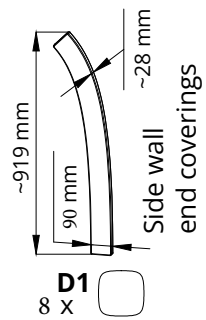
Maintenance of the sauna

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.
5. Producer is not liable for damage caused to the sauna due to insufficient maintenance or no maintenance at all.

WARRANTY

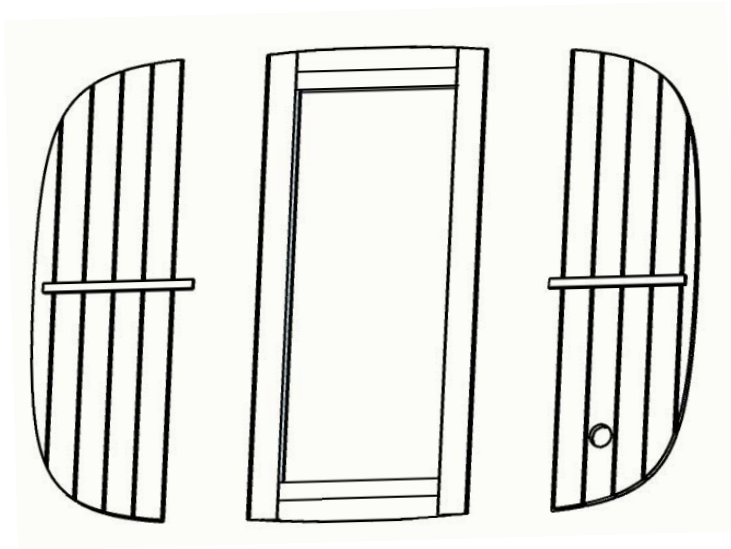
- The products have a 24-month warranty covering material and production defects, taking effect from the delivery of the sauna to the client.
- The warranty is valid if the user has reviewed the user manuals and abides by them.
- The warranty is void if the sauna has not been assembled by Producer.
- 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

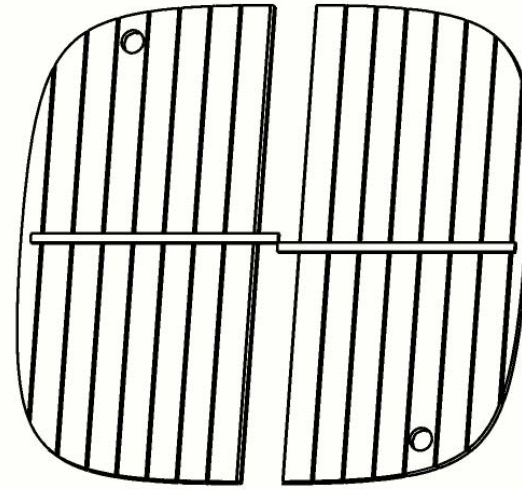


*Side wall boards 120mm or 140mm

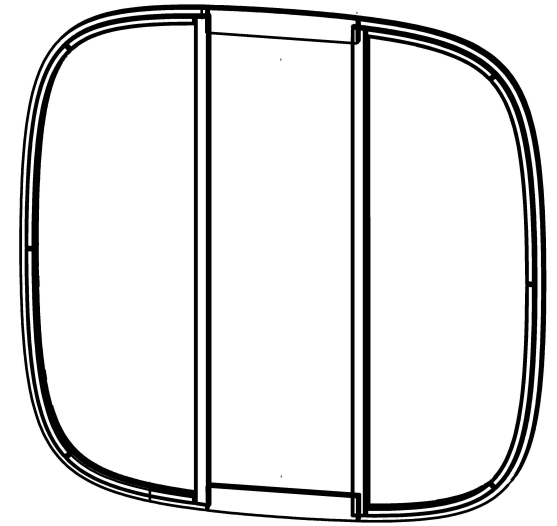
Wooden front wall



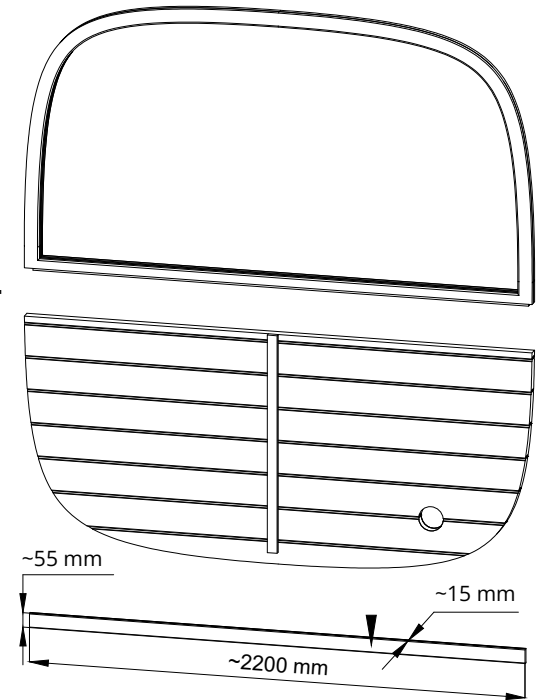
Wooden Back wall

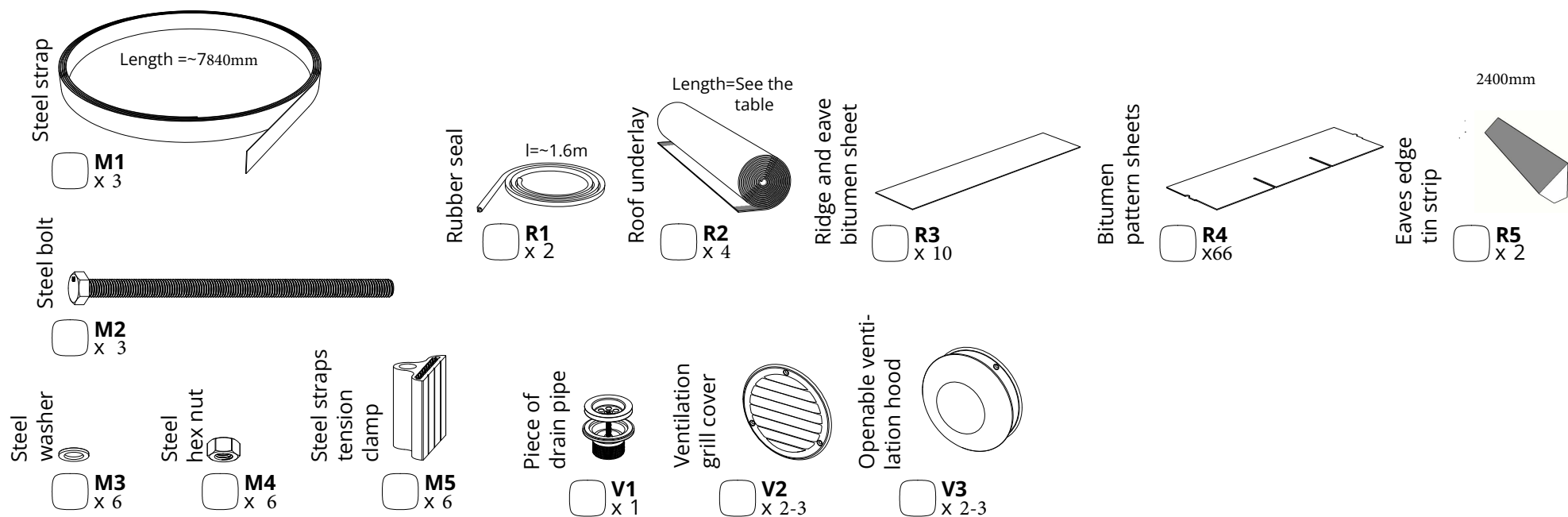
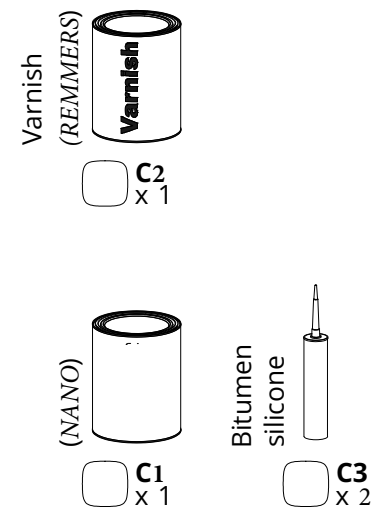
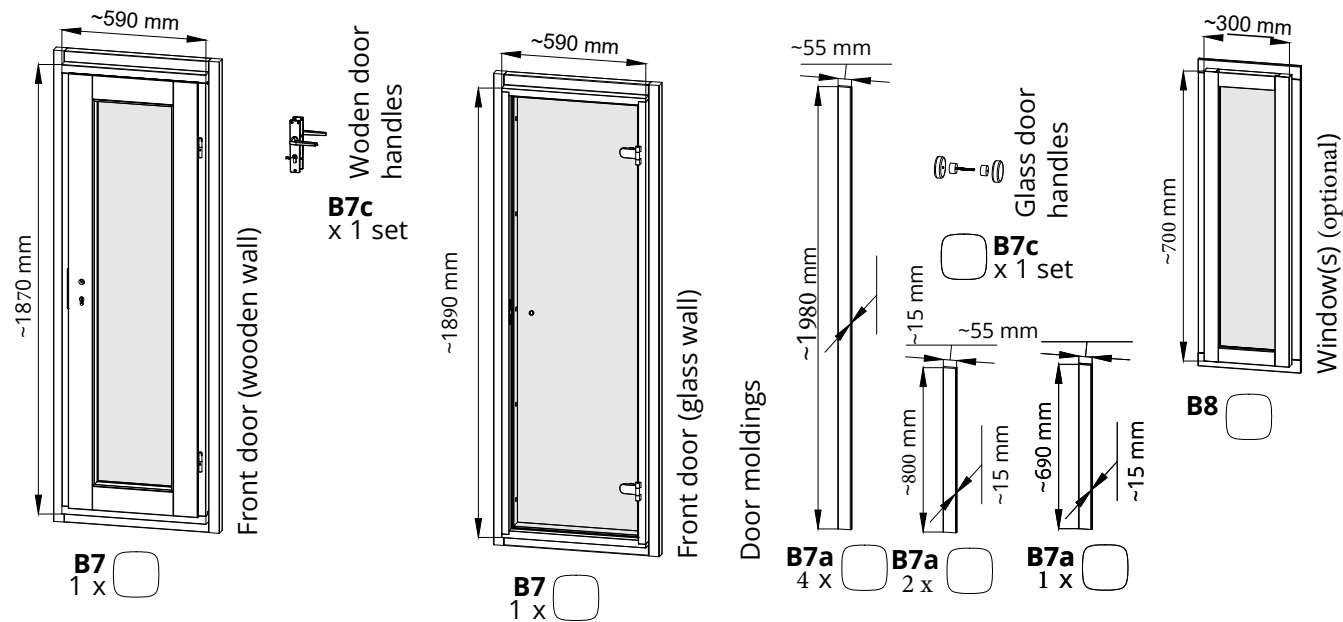


Glass front wall (optional)

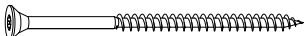

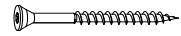
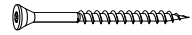
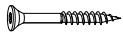



Half Panorama back wall (optional)






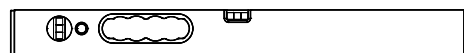
Detail list 2

Name in manual	Nails and screws (Scale 1:2) /Screw size	Area of use	Quantity
S7	 Screws 4,5x70	Mainly for construction inside and outside For fixing the door(s)	200
S6	 Screws 4,5x60	Construction outside(Only for glass walls)	40-80
S5	 Screws 4,5x50	For fixing front door moldings For the window(s)	50
S4	 Screws 4,5x55 brown	For side wall end coverings	24
S3	 Screws 3x30	Mainly for construction inside and outside	30
R6	 Nail 2,5x20	During roof installation	0,5kg

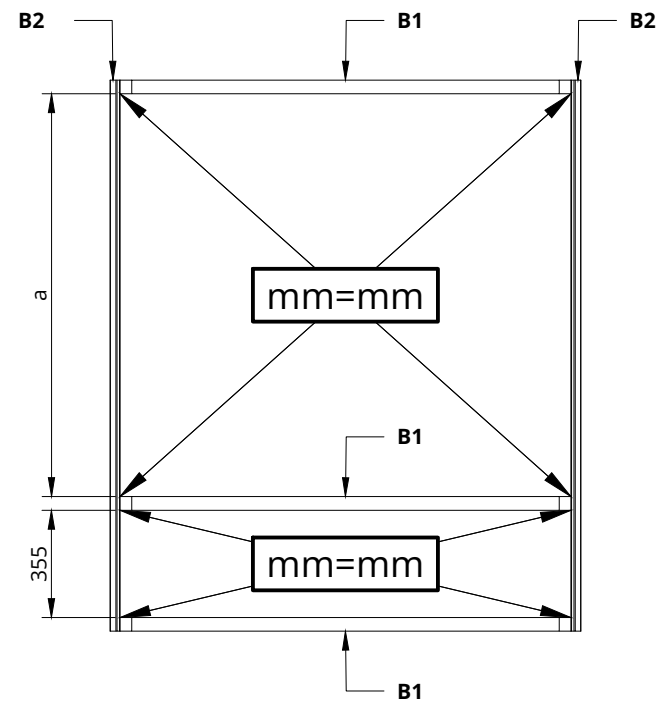
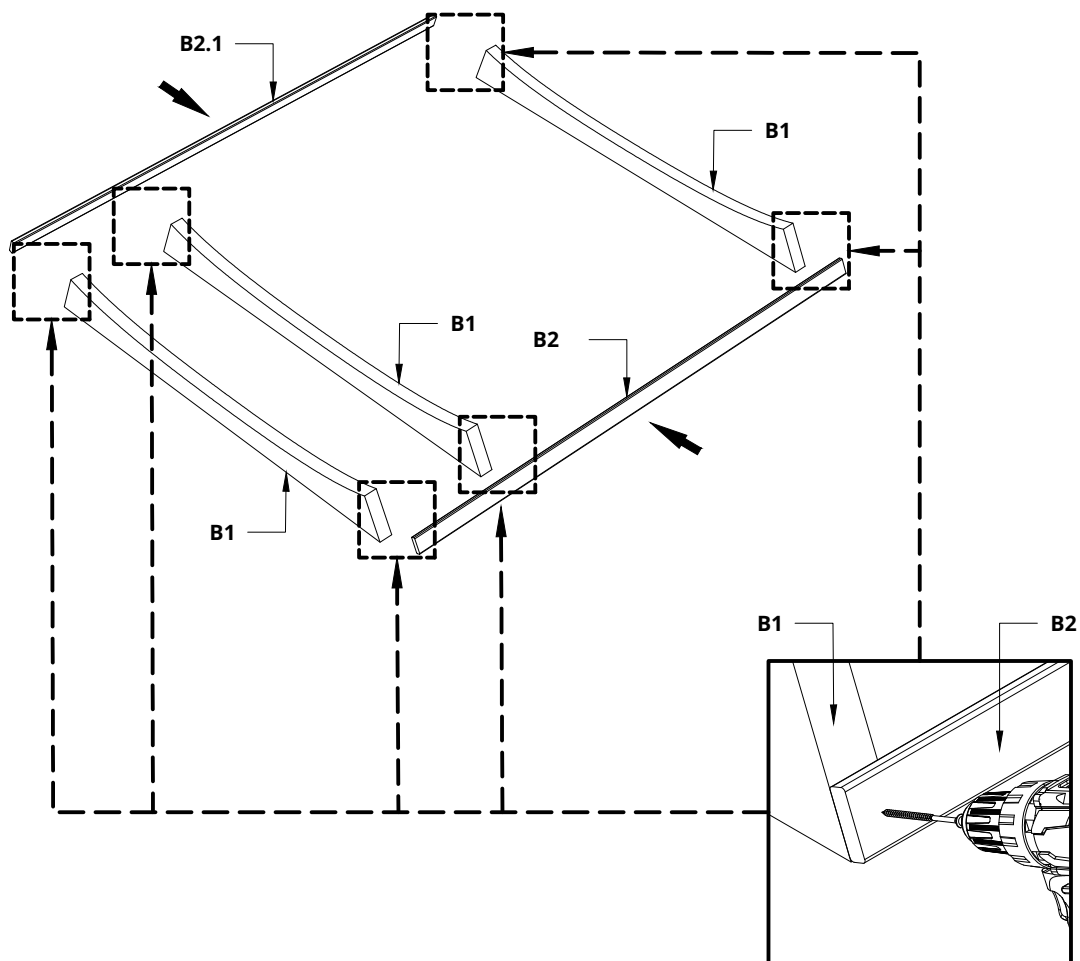
☐☐☐☐☐☐


S7	Screws 4,5x50	6
		

NB! use a level

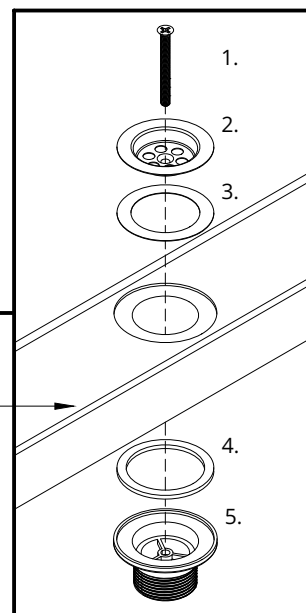
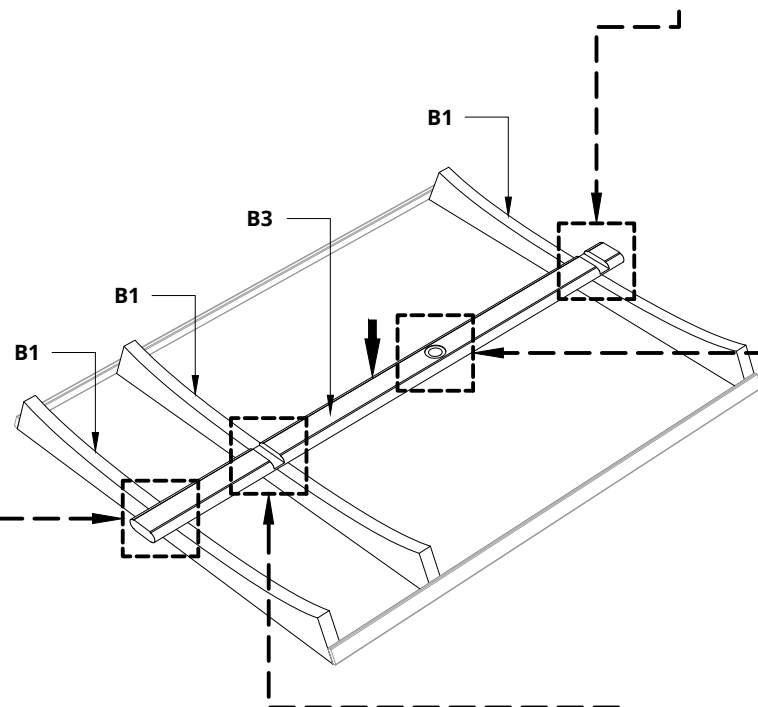
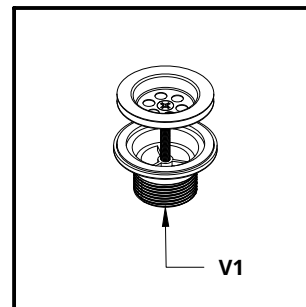
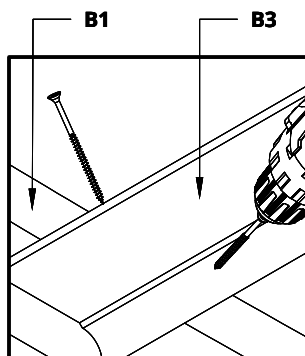


The base of the sauna must be level!

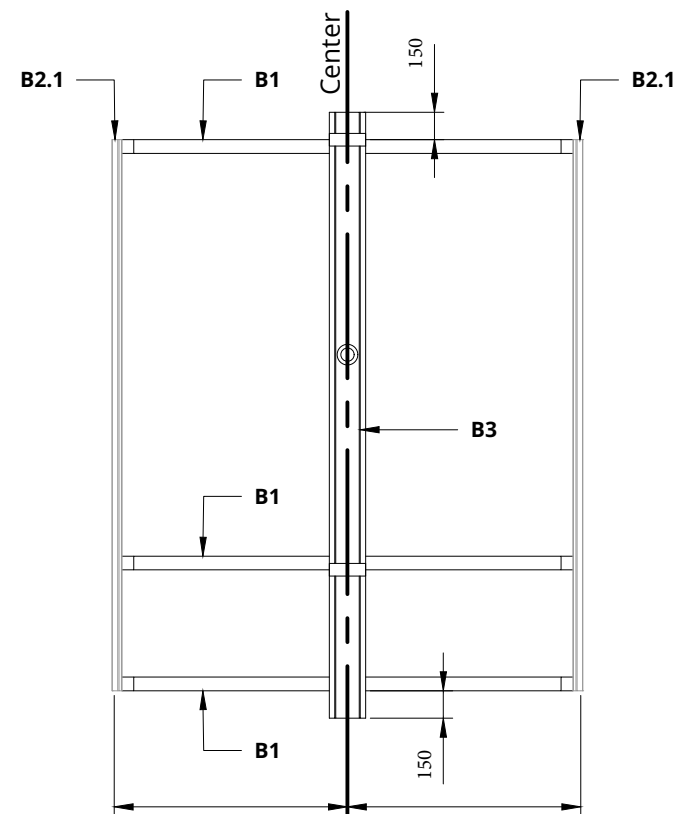


S7	Screws 4,5x70	6
		

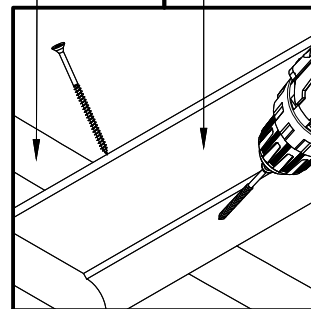
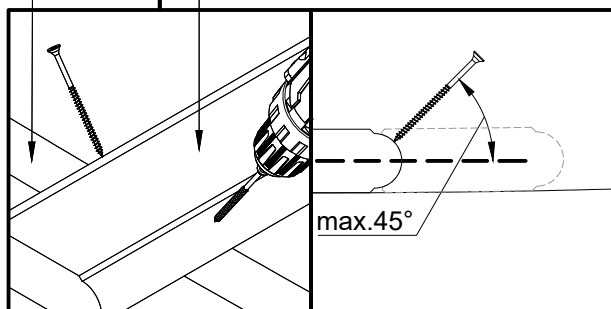
Please countersink the screw head(s)!

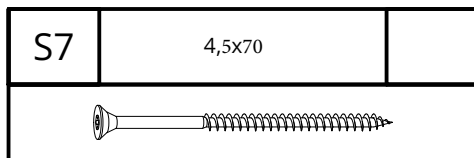


1. Bolt
2. Sieve
3. Soft seal
4. Rubber seal
5. Siphon casing

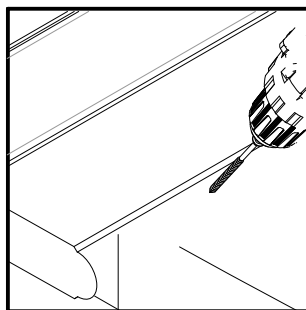


mm=mm

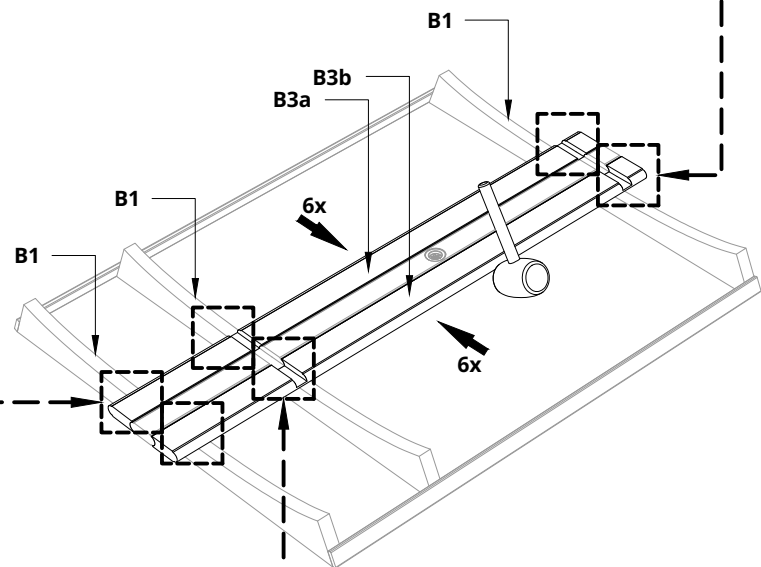




Please countersink the screw head(s)!
Use a rubber mallet to tap the planks together!
Drill 10 mm hole in each plank!
Clean the groove from wood waste and other dirt!
Cover the grooves with varnish by following the manufacturer's instructions!

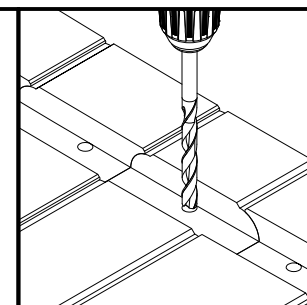
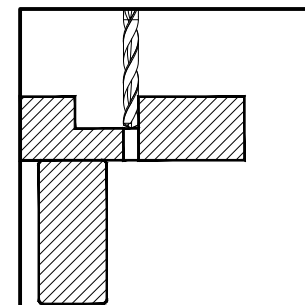
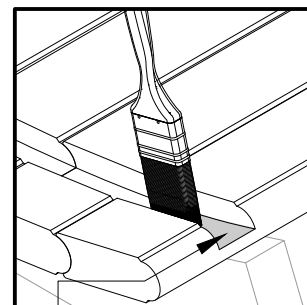
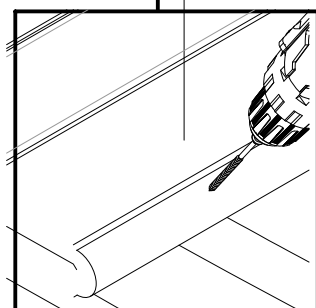
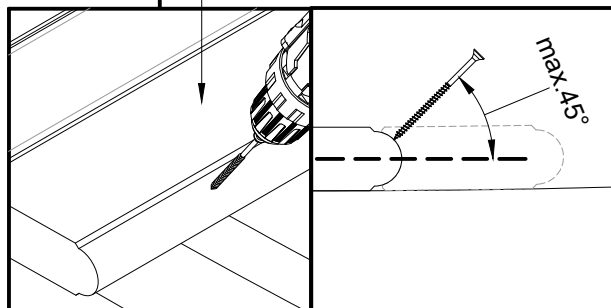


B3a left
and
B3b right



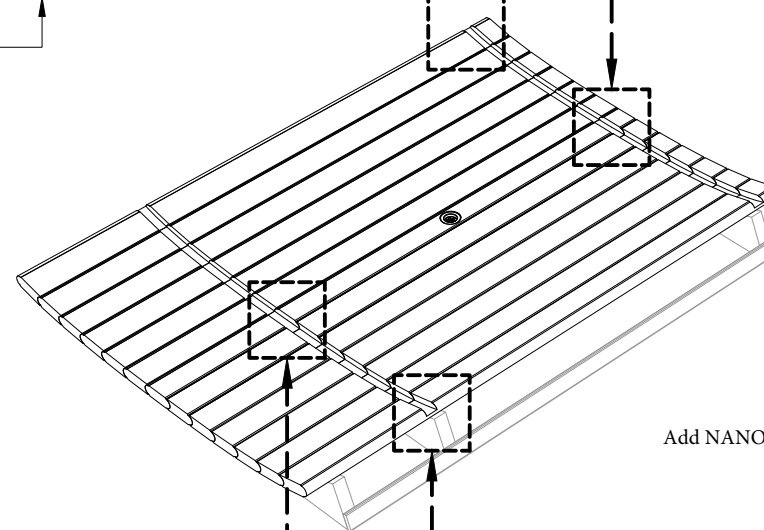
B3a left
and
B3b right

B3a left
and
B3b right



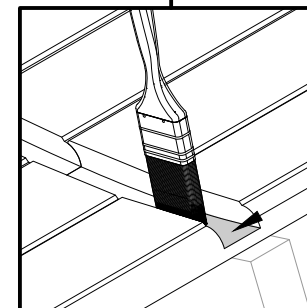
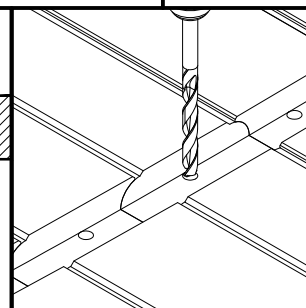
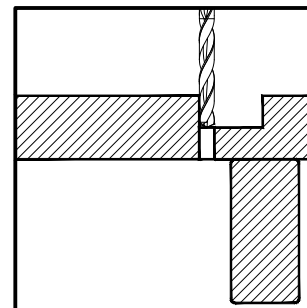
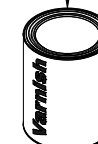
C1

Add NANO



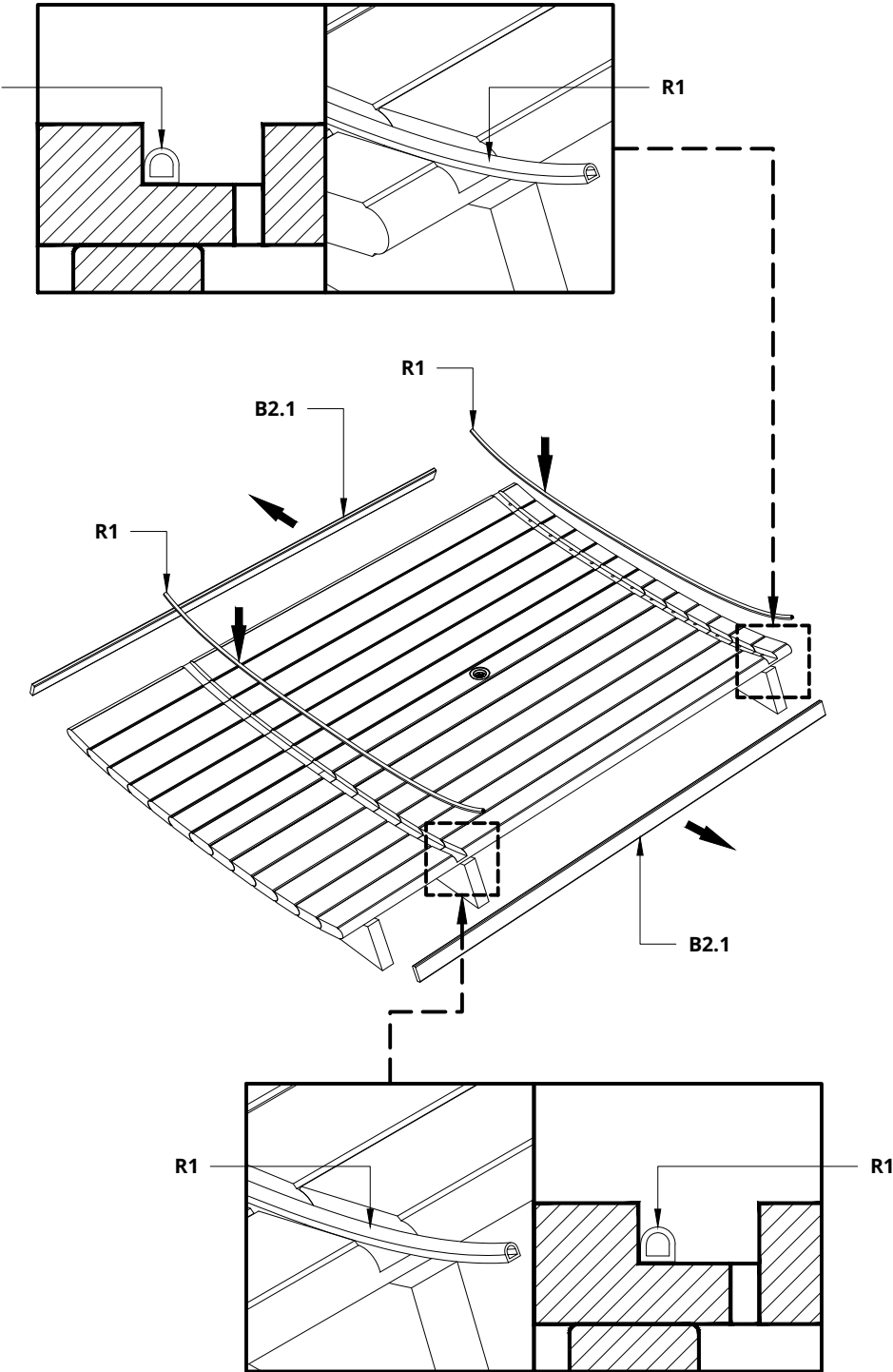
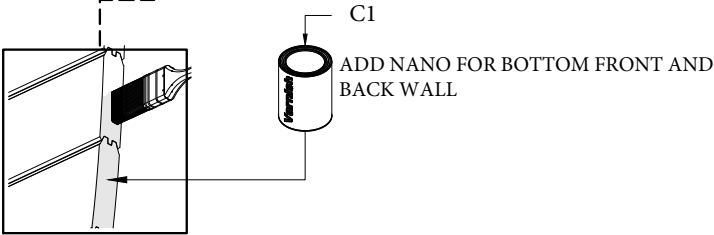
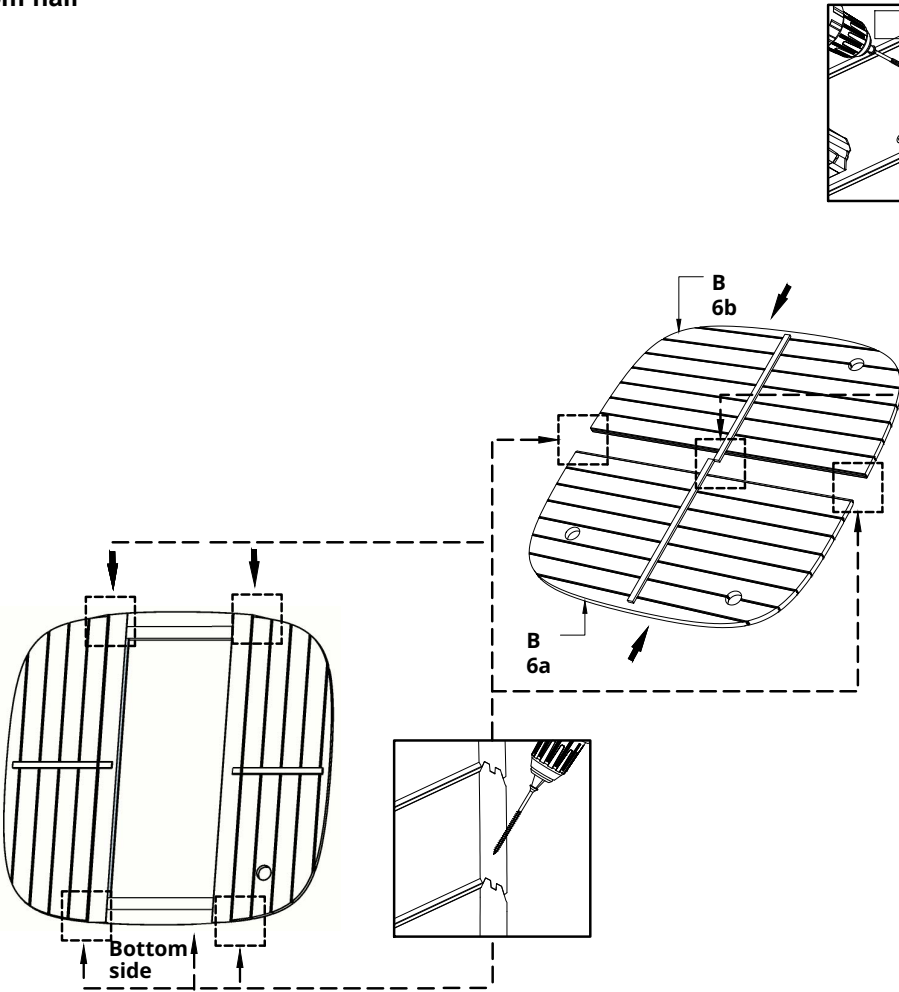
Add NANO


C1



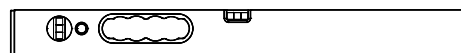
Clean the floor surface of the room!
Cover the floor surface with varnish by
following the manufacturer's instructions!
Install the rubber seal R1!

Varnish the edge of the wall from the
bottom half



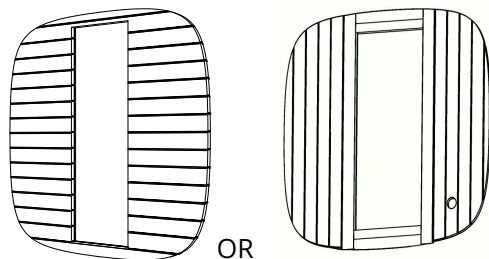
S6-7	Screws 4,5x60 Glass wall ~Screws 4,5x70 wooden wall	8
		

NB! use a level

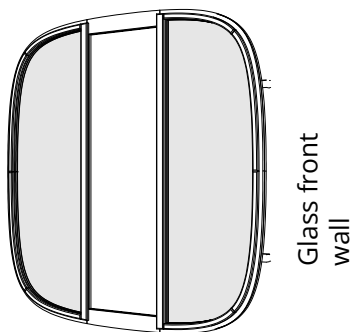


*** Depends on the choice of sauna wall!**

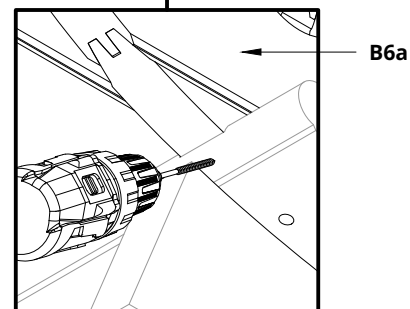
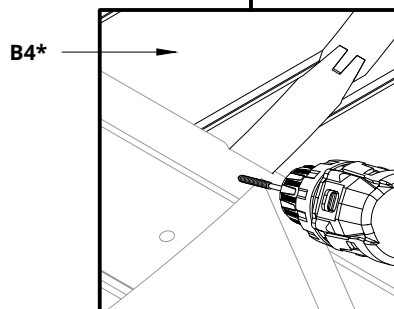
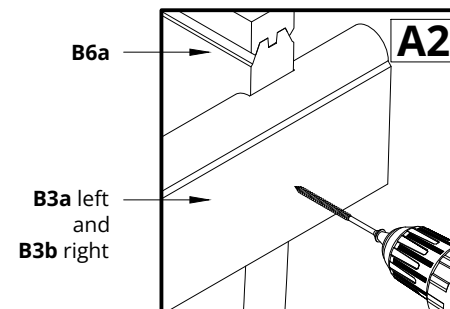
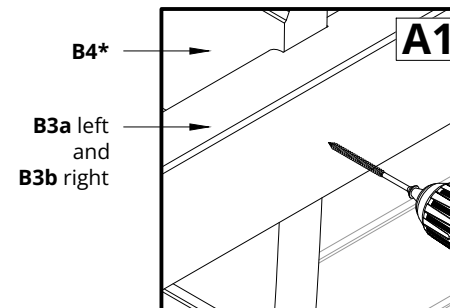
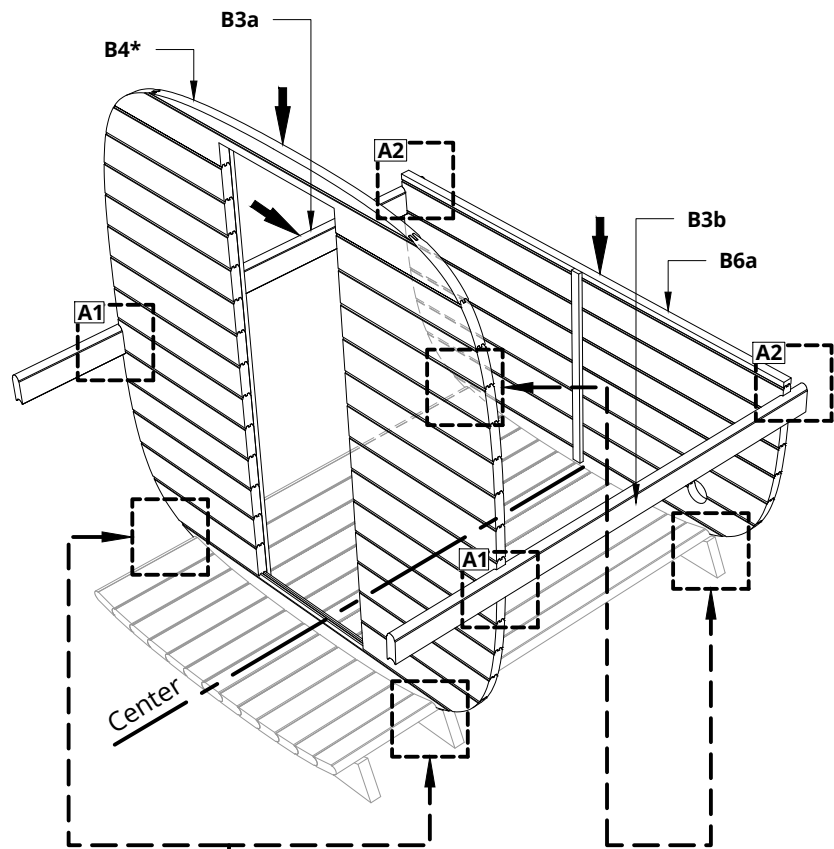
Please countersink the screw head(s)!
Make sure that the walls are centered
in relation to the bottom!
Install safety boards on walls!




Wooden front wall



Glass front wall

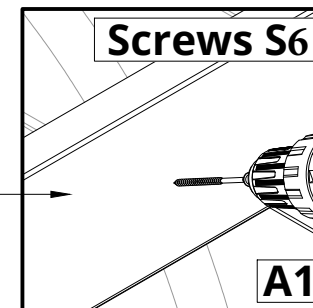
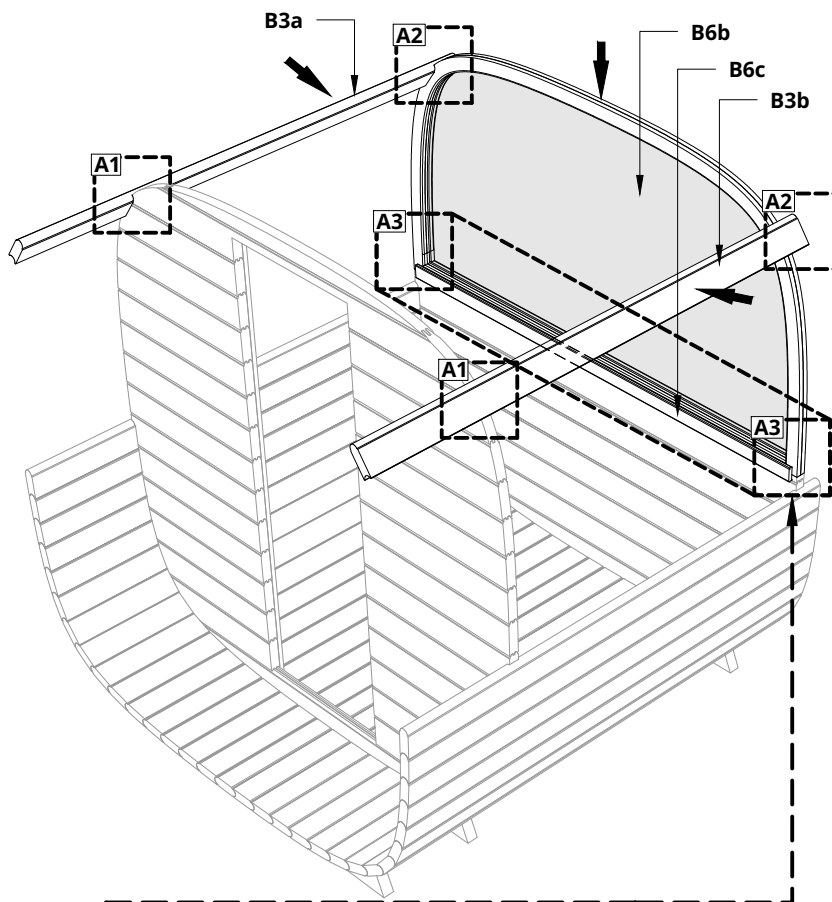


S5	Screws 4,5X50	5
S6	Screws 4,5x60	6
		

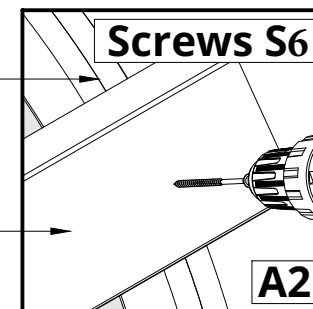
NB! use a level



Please countersink the screw head(s)!
Install the upper part of the panorama wall!
Install safety boards on walls!
Install the gap cover strip!

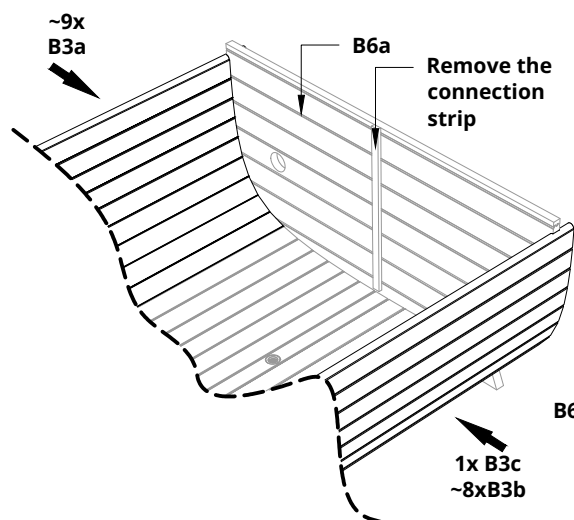


B3a left
and
B3b right



B6b

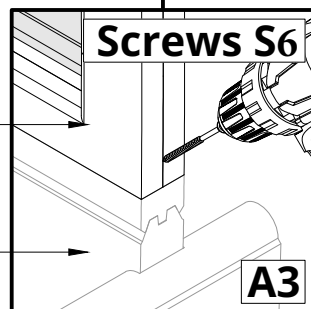
B3a left
and
B3b right



~9x
B3a

Remove the
connection
strip

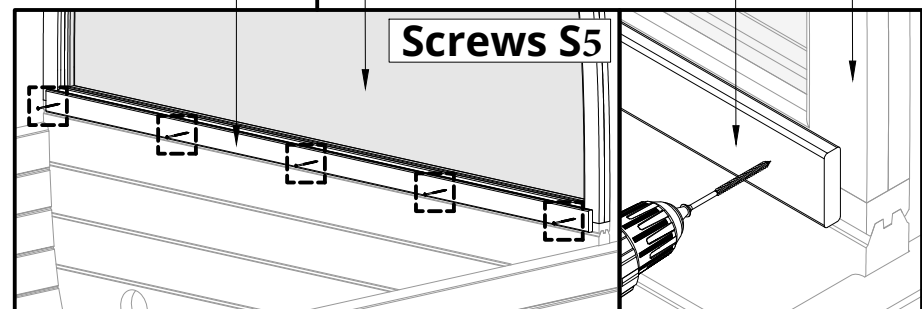
1x B3c
~8x B3b



B6b

B6a

A3



B6c

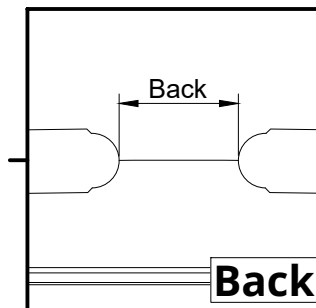
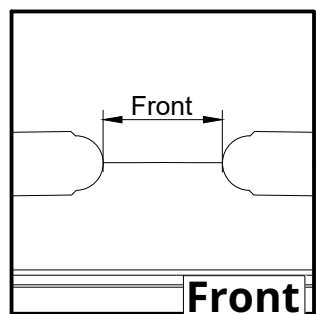
B6b

B6c

B6b

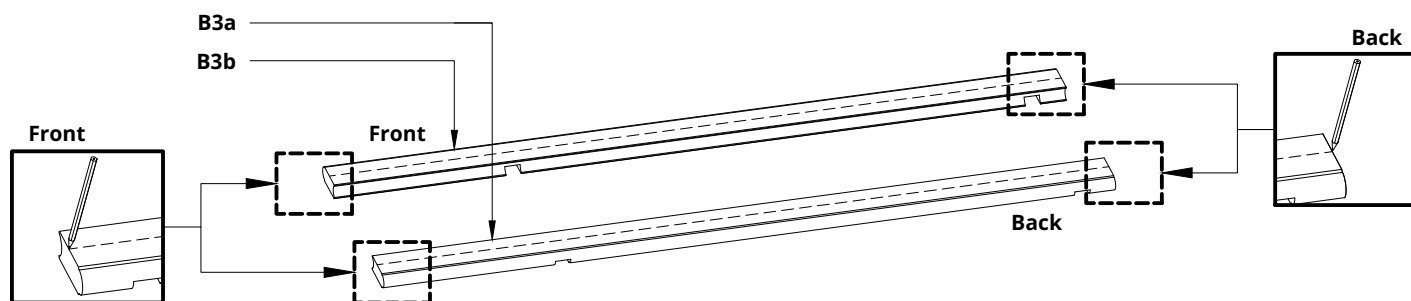
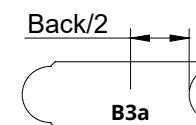
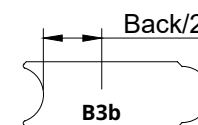
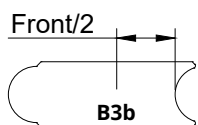
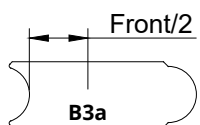
**Measure the gap front and back,
the dimensions can be different!**

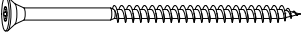
Divide the measurement by two and transfer the measurements to the last two planks. Connect the dimensions on the plank with a line.



Front measurement.

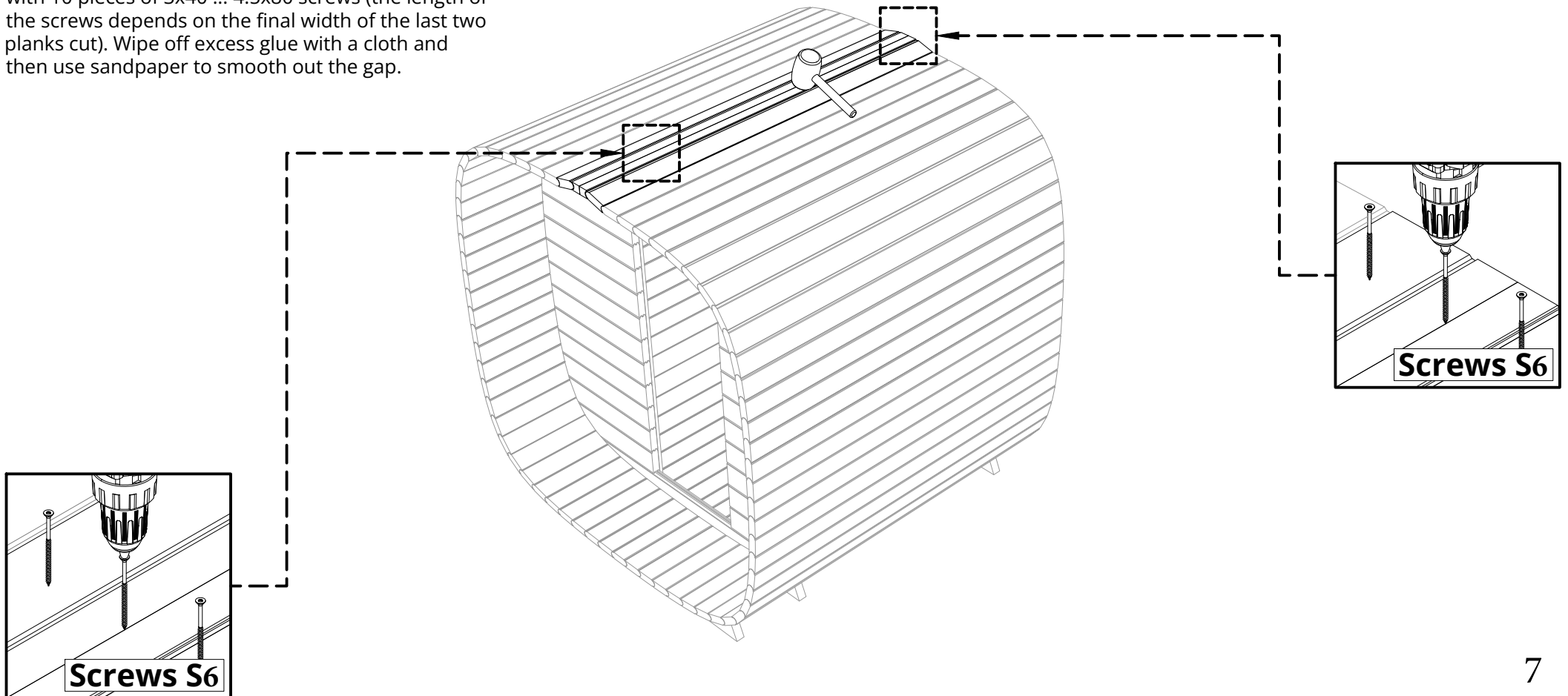
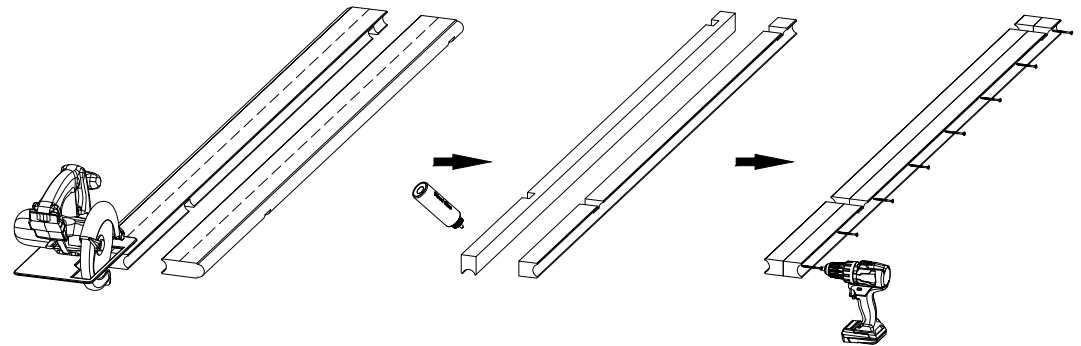
Back measurement.

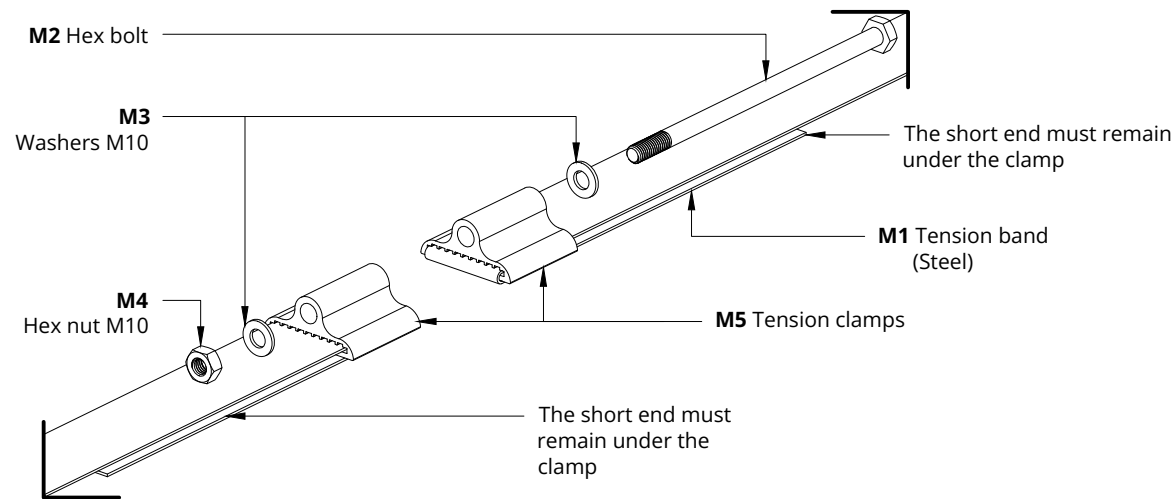


S2...7	Screws 3x40 ... 4,5x80	10
S6	Screws 4,5x60	6
		

Please countersink the screw head(s)!
Prepare the last plank!
Use a rubber mallet to tap the planks
in to the cap!

Cut along the marked line to cut off these ends. Glue the two cut boards with wood glue and connect them with 10 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.



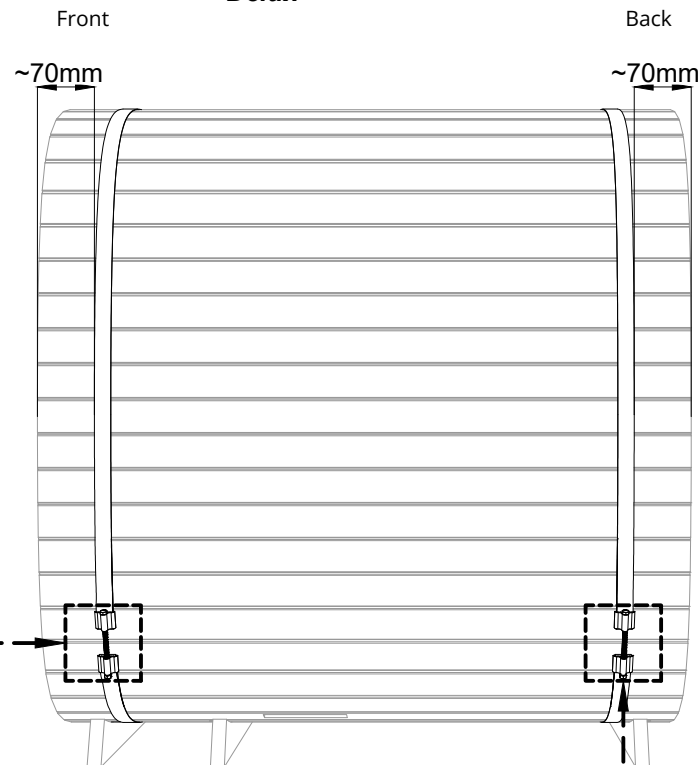


Place the tension bands M1 (Steel band) around the side walls and thread the bands into the eyelet as follows (see sketch above).

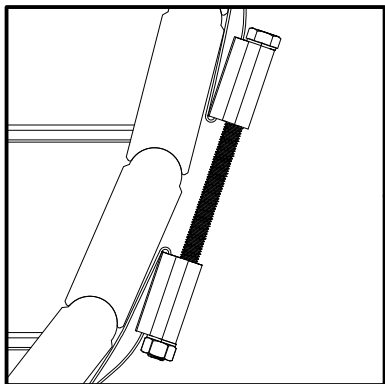
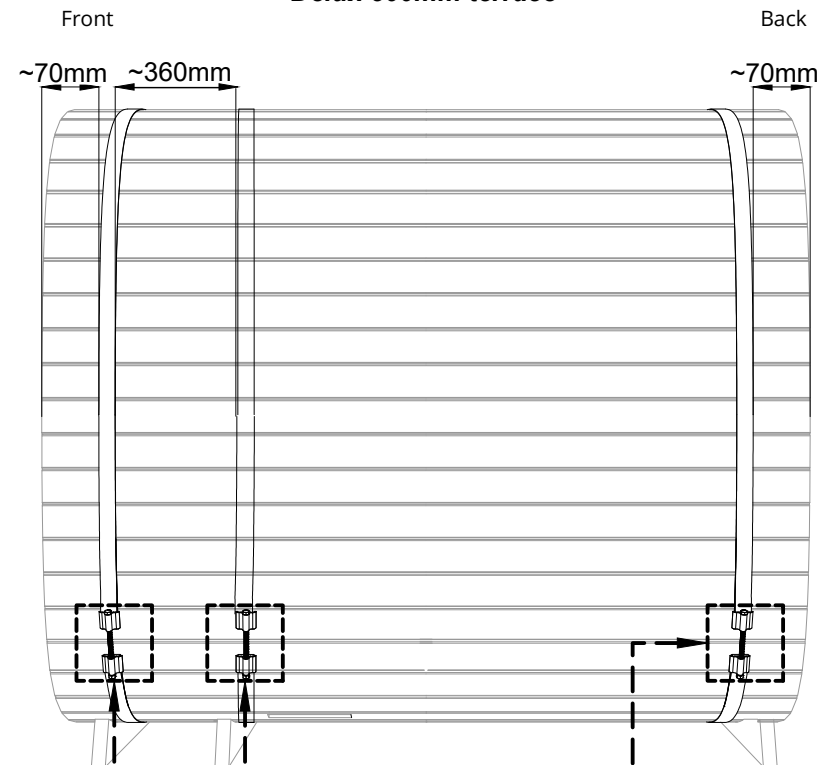
Hex nuts and bolts must be tightened as long as the planks are stationary in all directions.



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

Delux



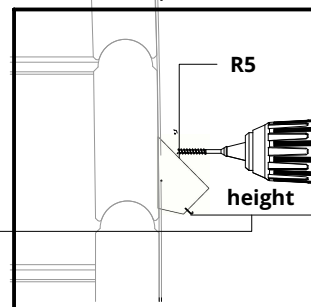
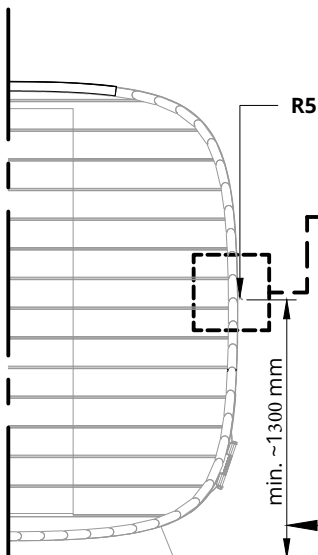
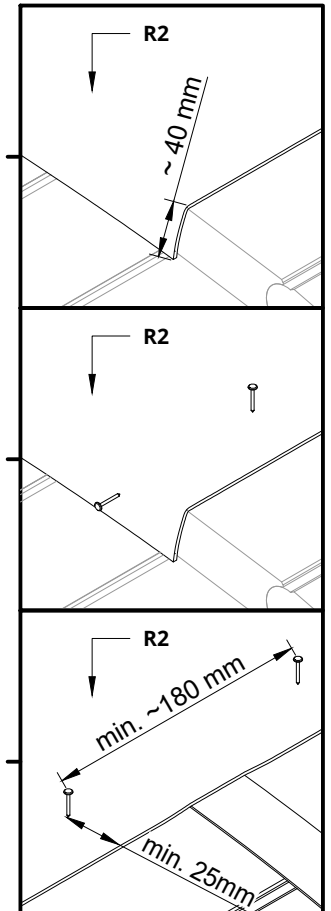
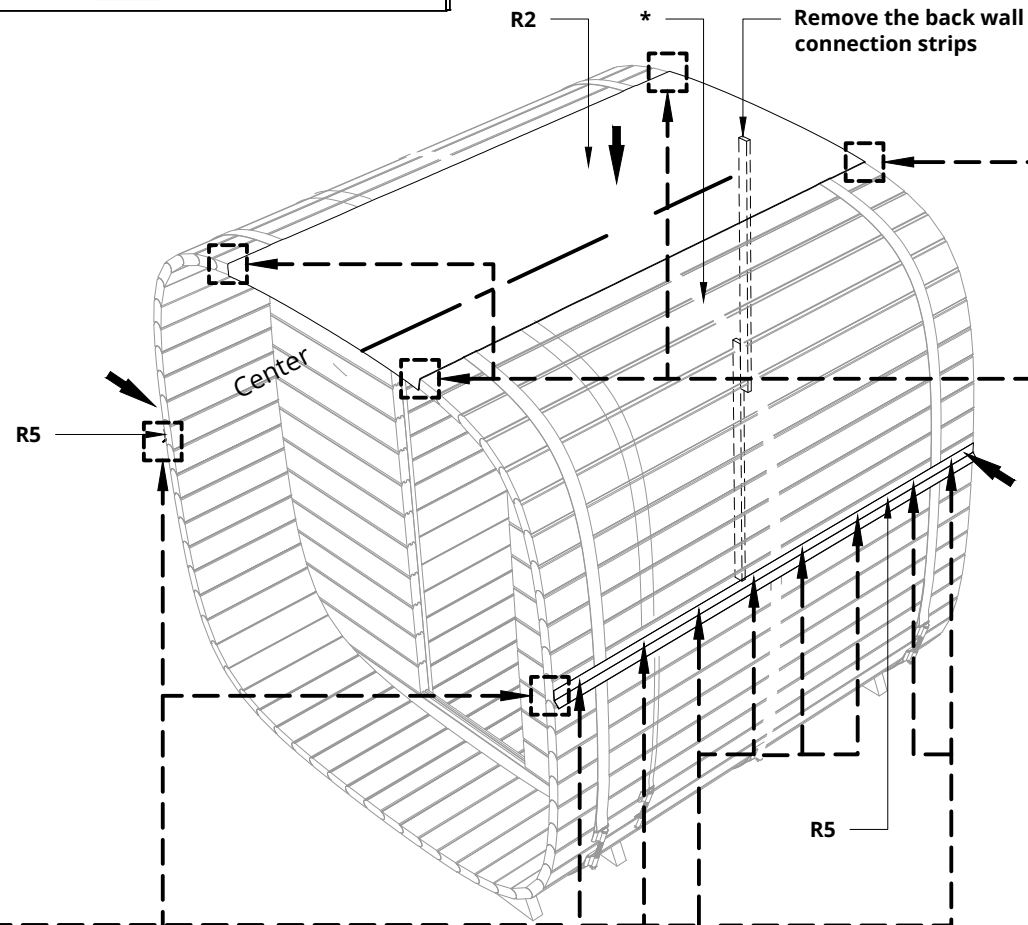
Delux 500mm terrace




S5	Screws 4,5x50
	
R6	Nail 2,5x25
	

Remove the connecting strips from the wall!
 Install the drip edge sheet metal profile on the left and right!
 Use a heat source when bending the underlay!
 Fasten the underlay along the edges.

NB! use a level



R6	Nail 2,5x25
	

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

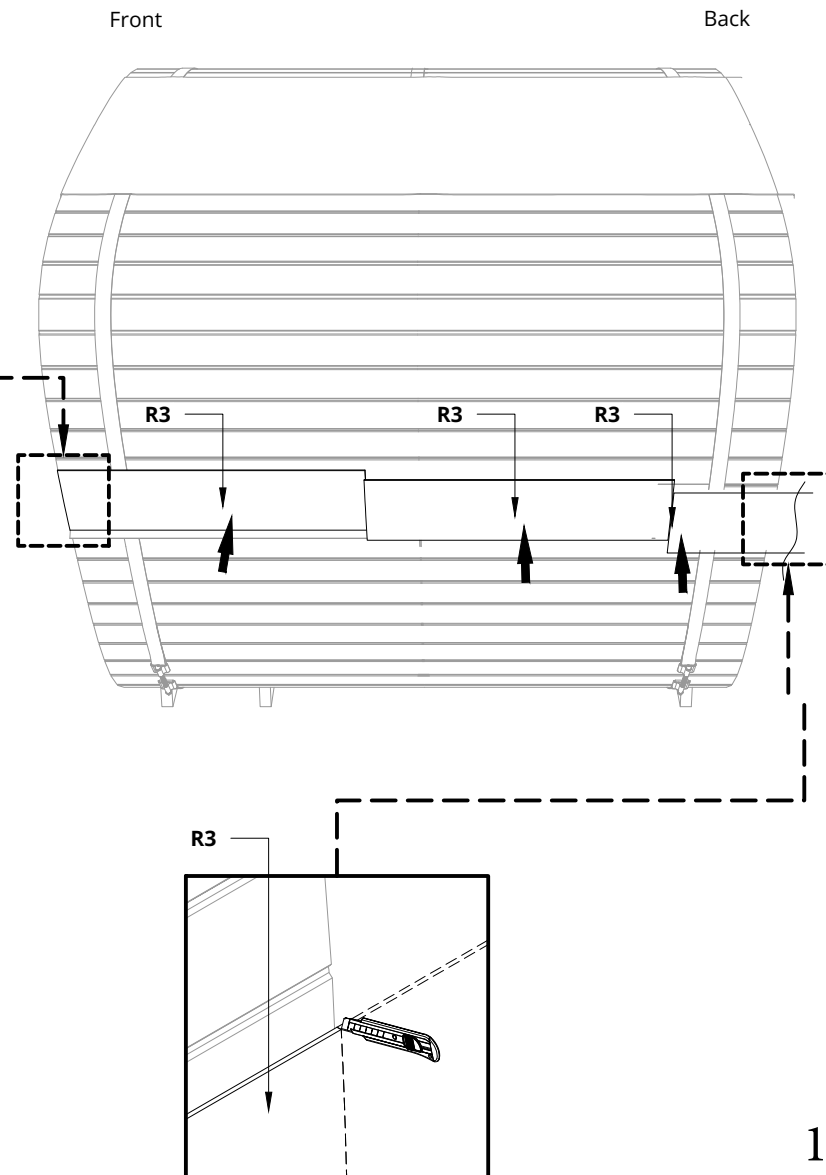
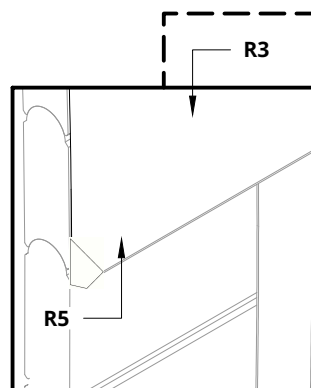
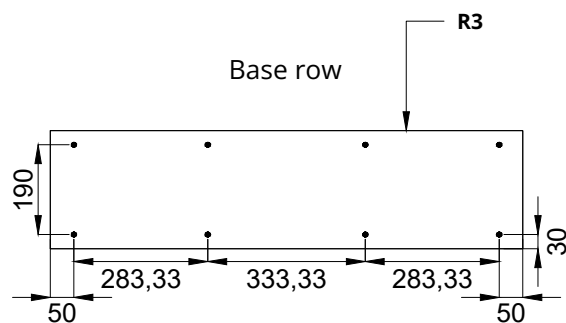
The base row starts at the front!


Cut sheets that extend over the edge!

Suitable leftovers can be used!

Repeat these steps on the other side as well!

Recommendation proper installation are in separate pages.



R6	Nail 2,5x25
	

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

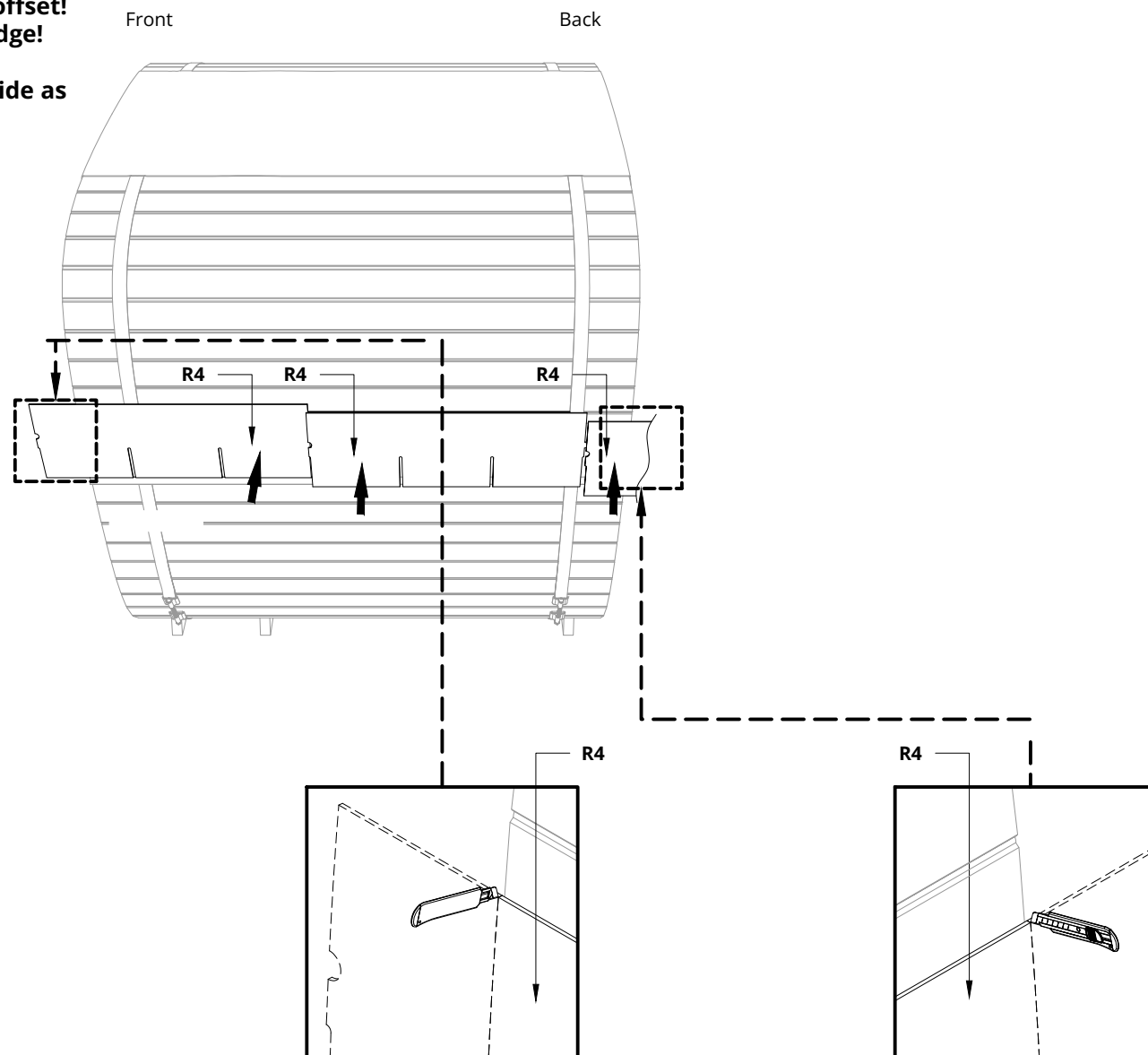
The 1.row starts at the front and offset!


Cut sheets that extend over the edge!

Suitable leftovers can be used !

Repeat these steps on the other side as well!

Recommendation proper installation are in separate pages.



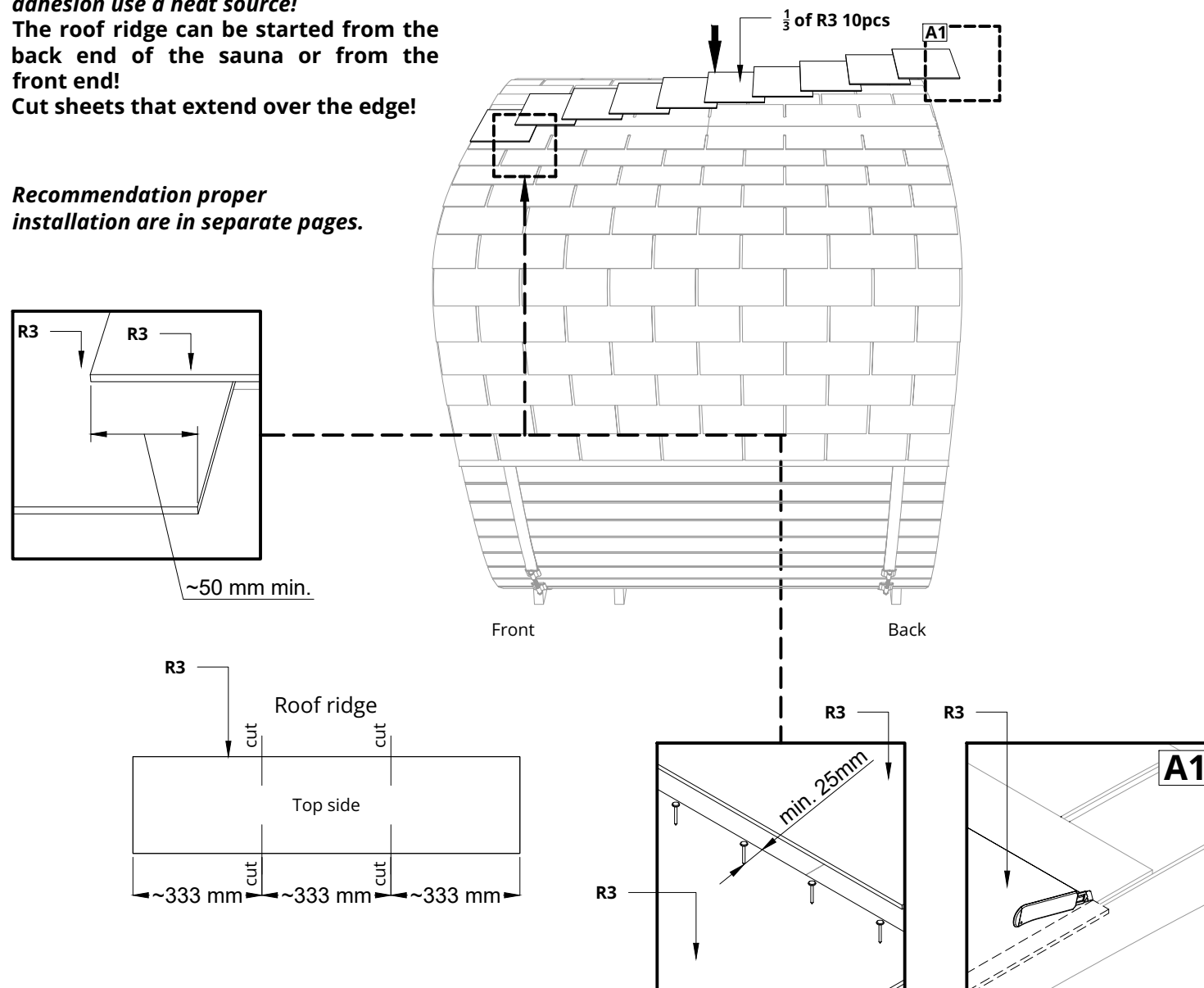
R6	Nail 2,5x25
	


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

The roof ridge can be started from the back end of the sauna or from the front end!

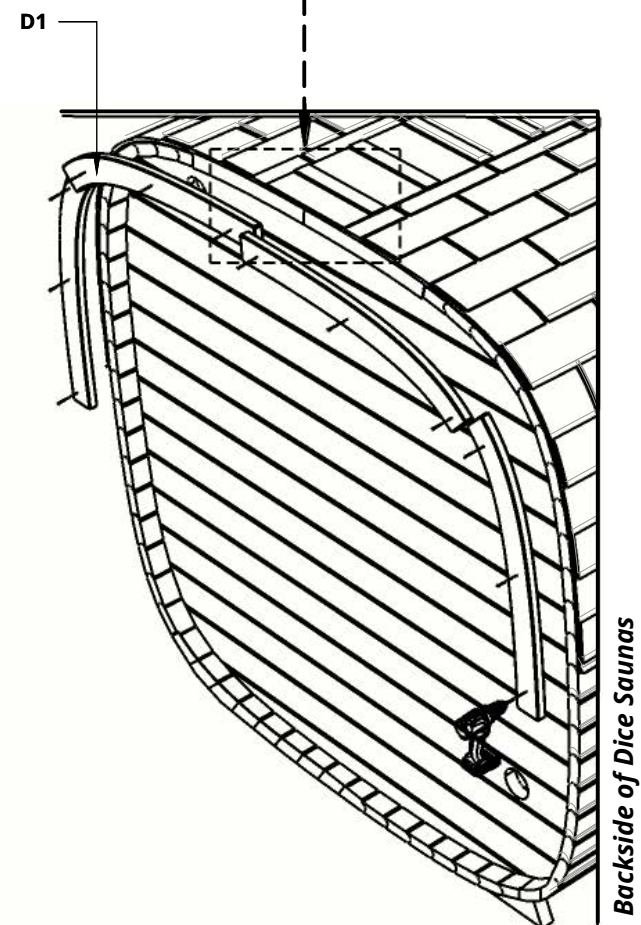
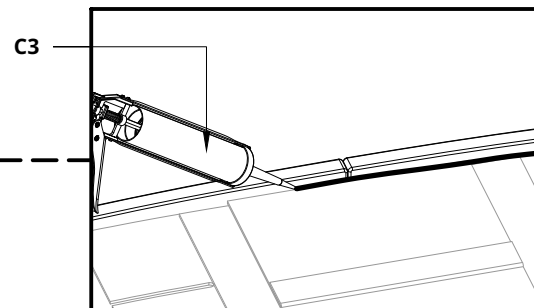
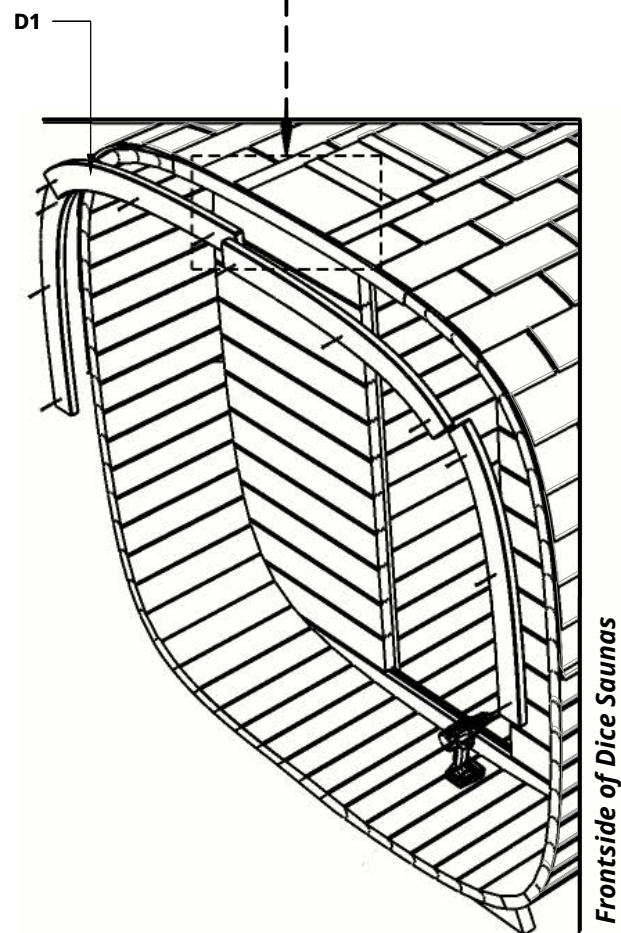
Cut sheets that extend over the edge!

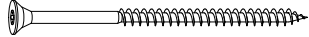
Recommendation proper installation are in separate pages.

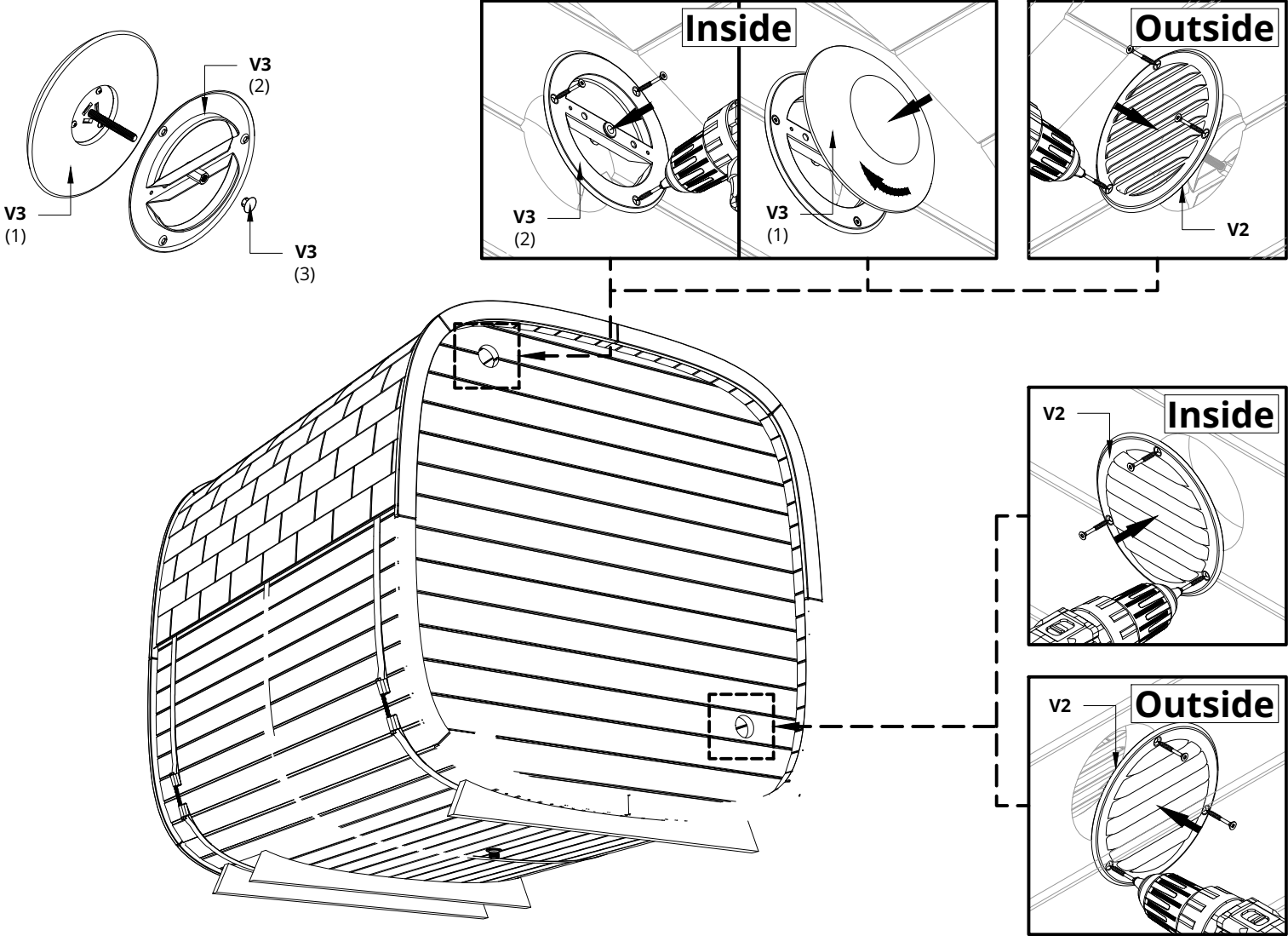



S4	Screws 4,5x55	24
		

Please countersink the screw head(s)!
Install the cover boards with 3 screws!
Fill the gaps between the bitumen sheets



S3	Screws 3x30	
		



S7	Screws 4,5x70	
		

NB! use a level



*** if windows**

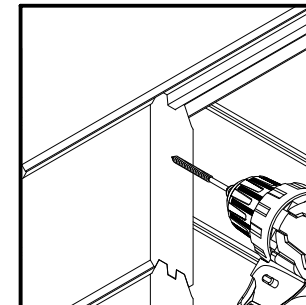
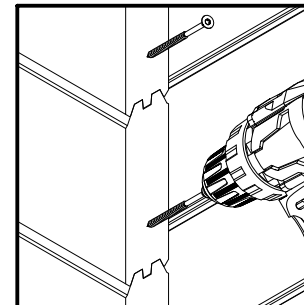
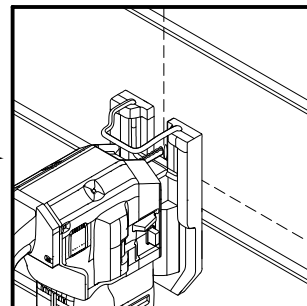
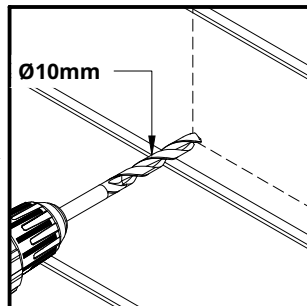
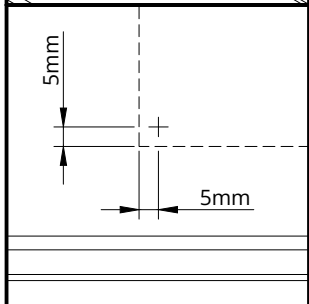
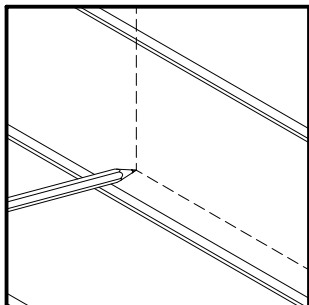
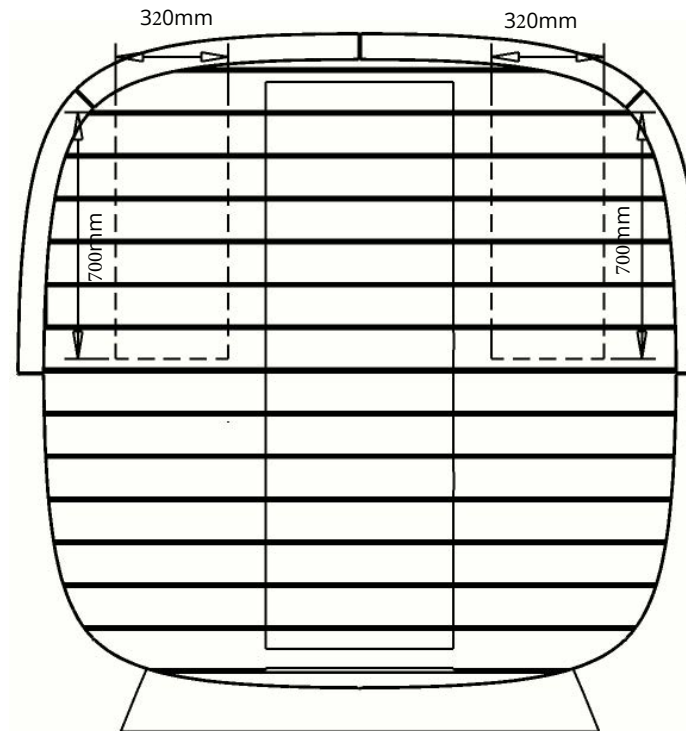
Only for the wooden front wall!

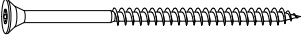
Drill holes in the corners of the marked area!

Cut the holes!

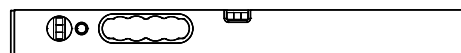
Fasten the pieces of boards together!

Please countersink the screw head(s)!

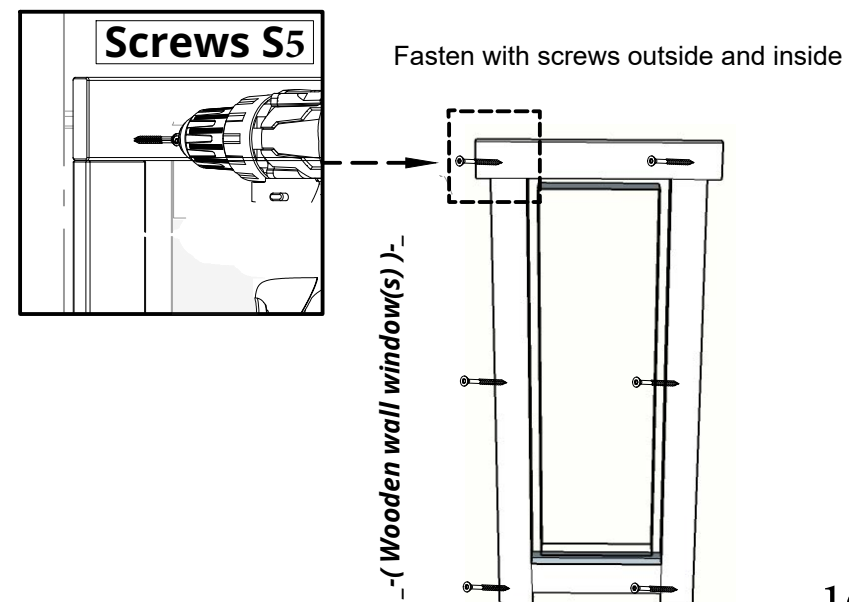
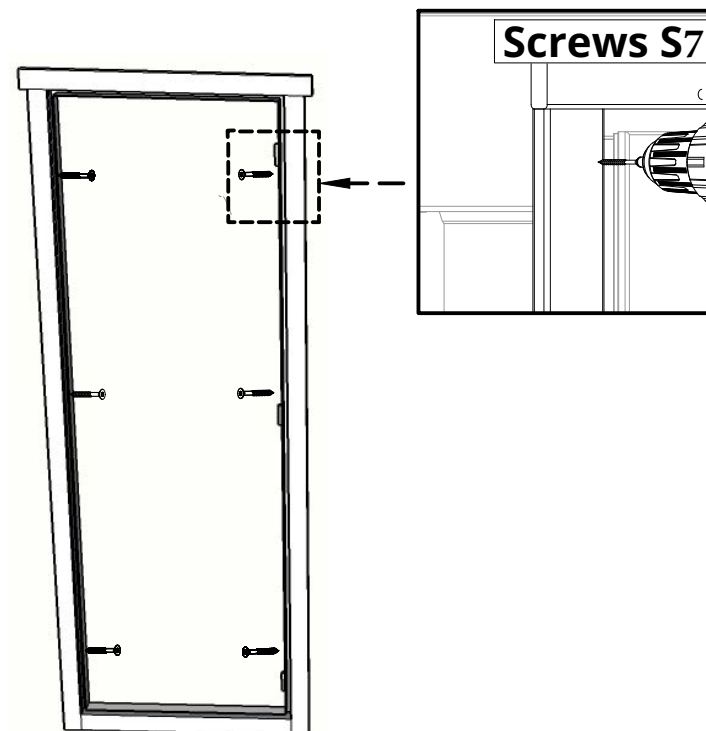
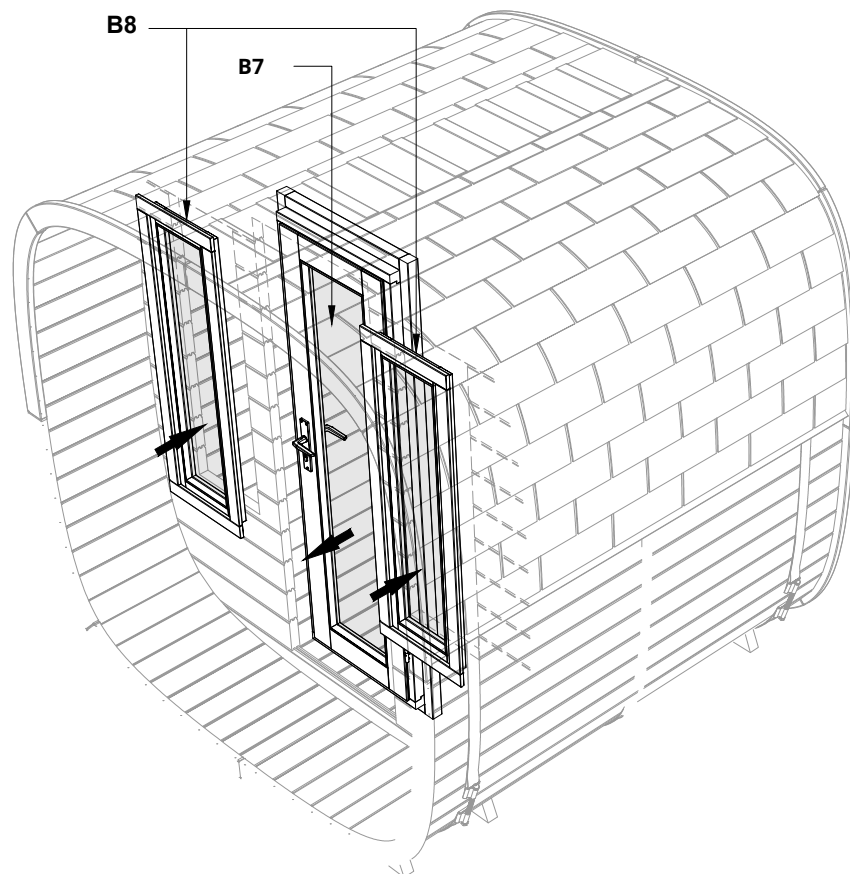


S7	Screws 4,5x70	
S5	Screws 4,5x50	
		

NB! use a level



Please countersink the screw head(s)! Door and windows installation:
Install the door from the outside, fasten with screws and install inner door moldings!
Install the windows from the outside, fasten with screws and install inner window moldings!



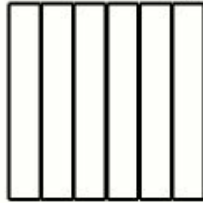
DELUX Sauna

Bench assembly guide

Level 1a



Wooden floor grate



Level 1b



Heater thermal plate



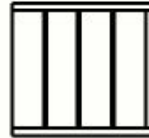
Thermal plate leg



Terrace floor grate



Terrace bench x2



Level 2a



Terrace bench skirt x2



Level 2b



*Bench stands for glass wall



Bench stands x2




Bench stands x2



Square woods 45x45mm

	1	<input type="checkbox"/>
	4	<input type="checkbox"/>
	2	<input type="checkbox"/>

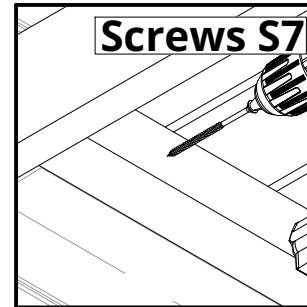
* only for wooden front wall

S7	Screws 4,2x70	
		

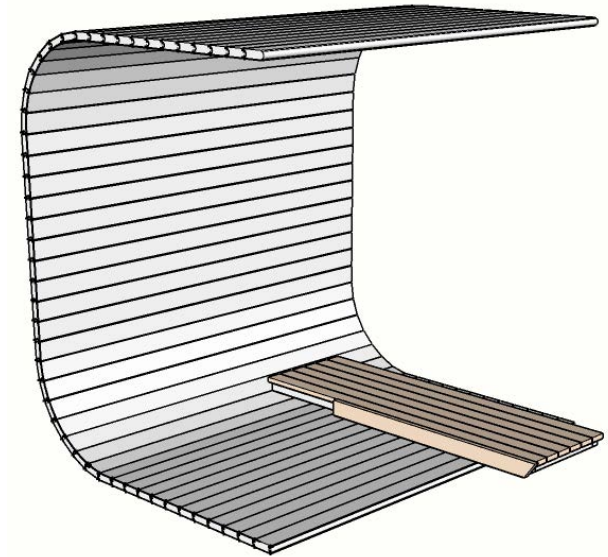
NB! use a level



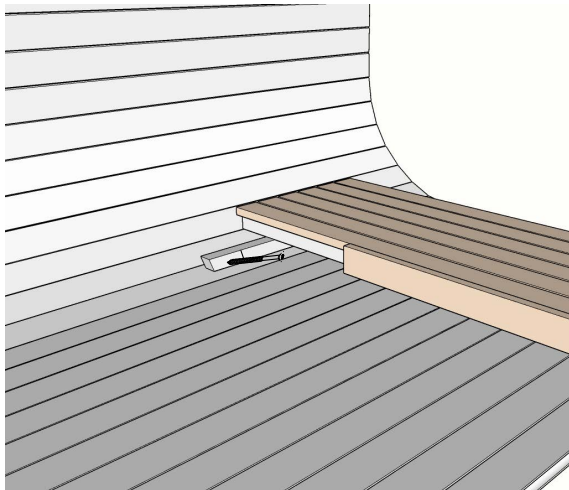
1. Install Level2.a bench on wall boards. Use a level for correct installation.
2. Install the bench support on the left side, under the Level 2a bench
3. Mount Level2.b bench
4. Connect both benches together with screws
5. Push both platforms against the front wall and install the screws on wall boards(wooden front wall)



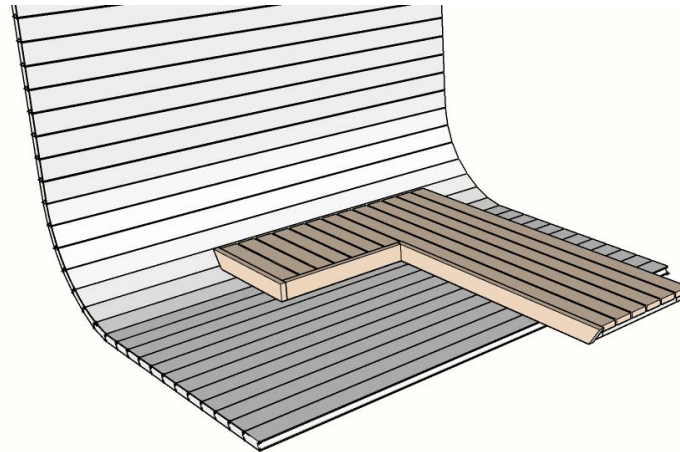
1.



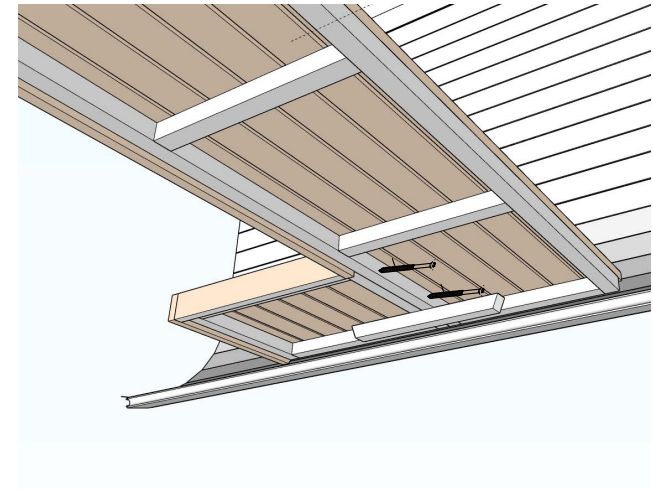
2.




3.

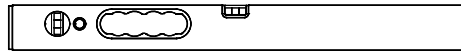


4.



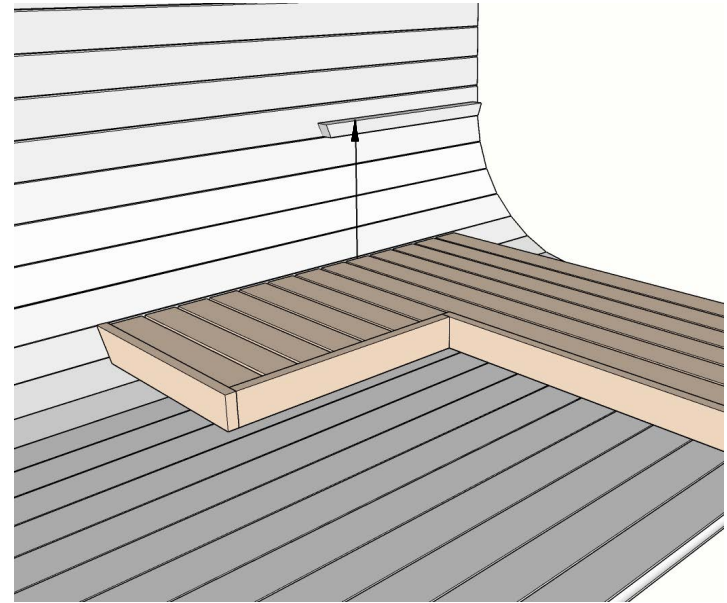
S7	Screws 4,2x70	
		

NB! use a level

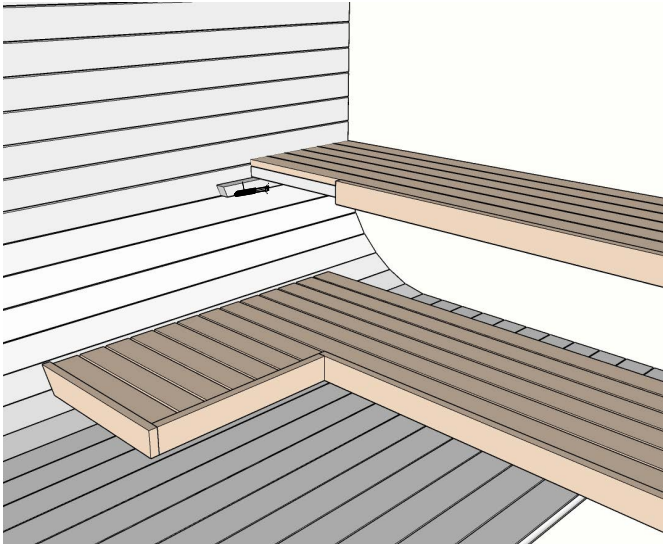


1. Measure 400mm from the bottom bench to the top upper support.
Install bench supports both left and right sides.
2. Install Level1a bench with screws
3. Install Level1b bench
4. Connect both benches together with screws and
install the screws on wall boards and (wooden front wall)

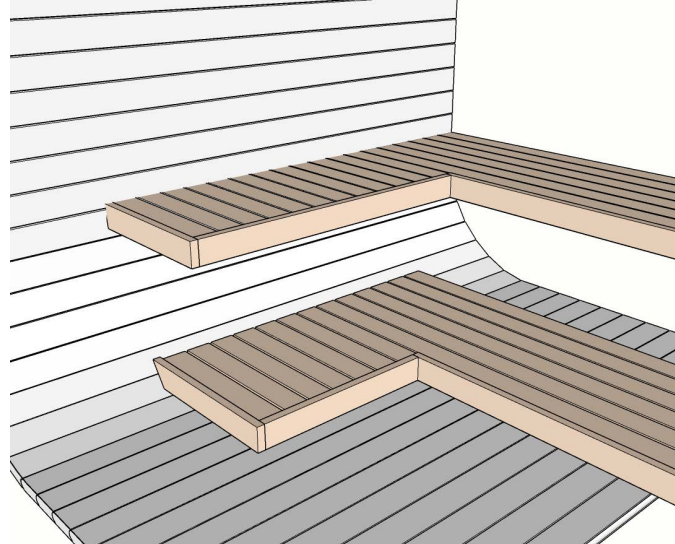
1.



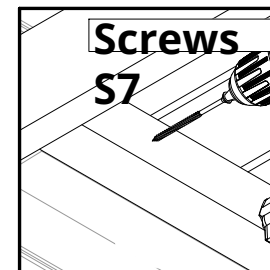
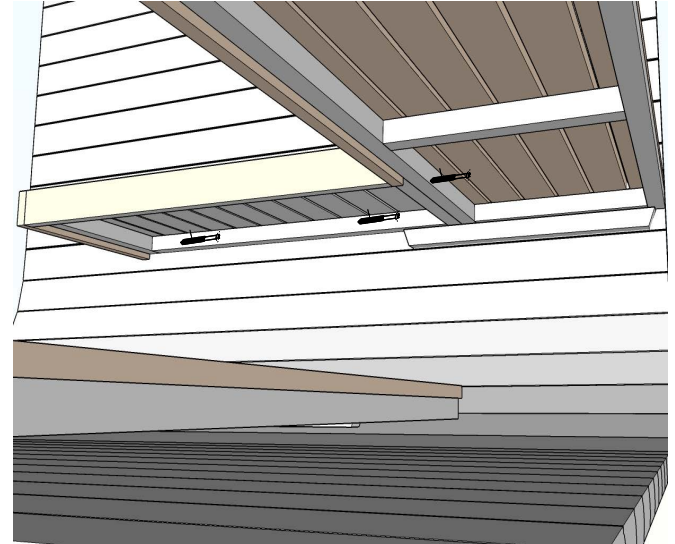
2.




3.

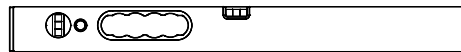


4.

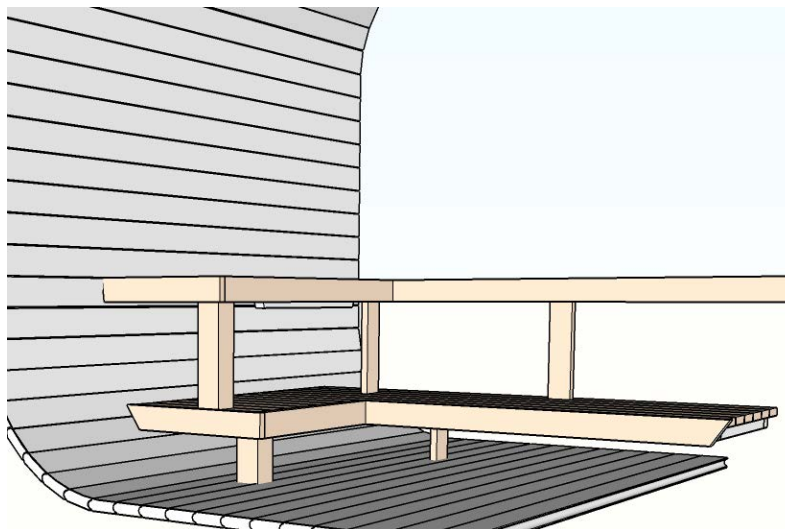
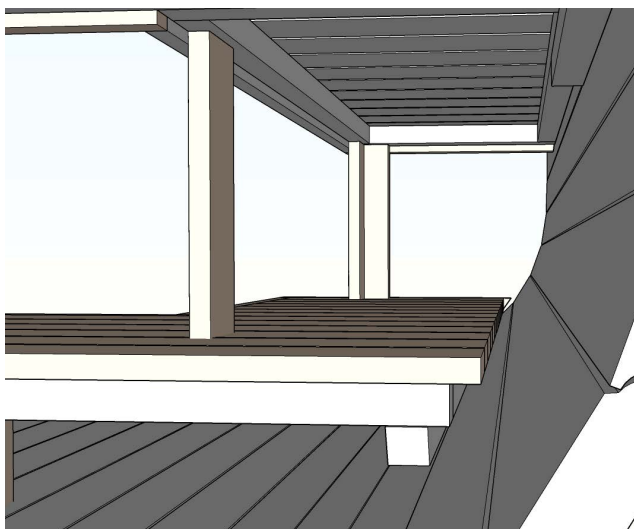
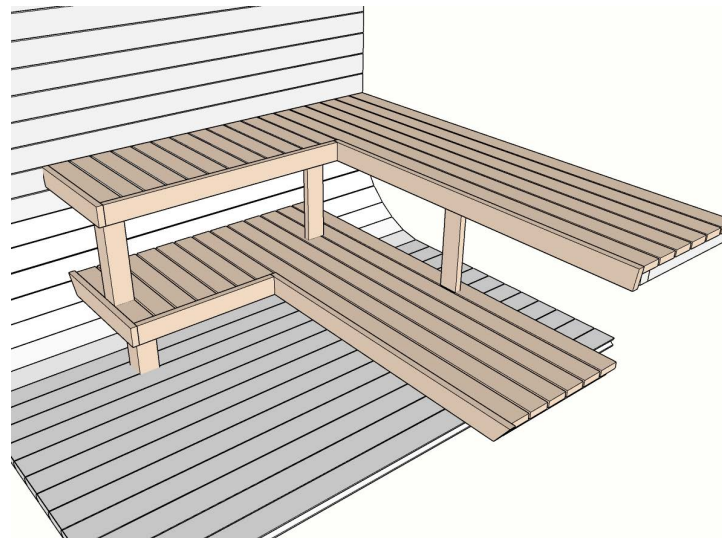


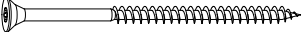
S7	Screws 4,2x70	
S5	Screws 4,5x50	
		

NB! use a level

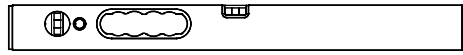


Install bench stands with S5 screws.
Connect the benches to the wall boards with S7 screws, back wall and (wooden front wall)



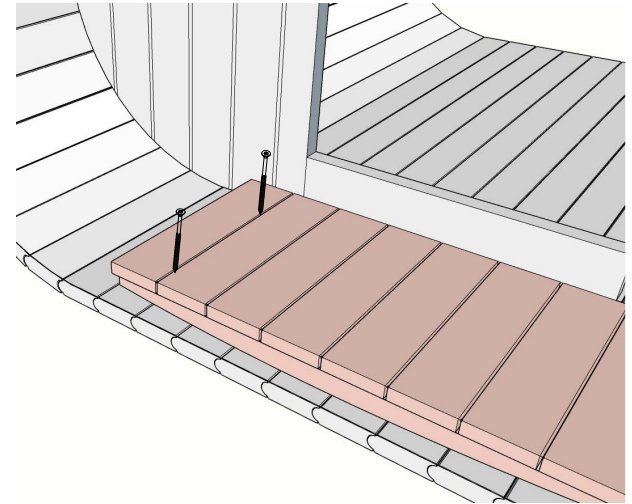
S7	Screws 4,2x70	
		

NB! use a level

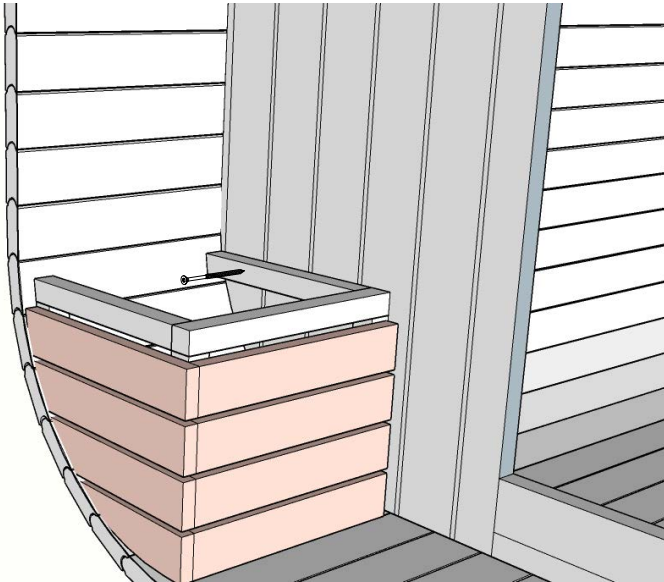


1. Install a terrace grate, use a level. 2-4 S7 screws.
- 2-3. Mount terrace skirt, use a level. 4 S7 screws.
4. Fit terrace benches

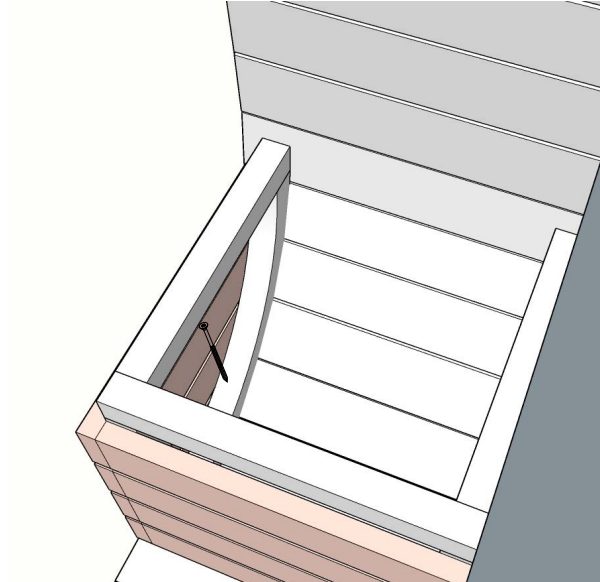
1.



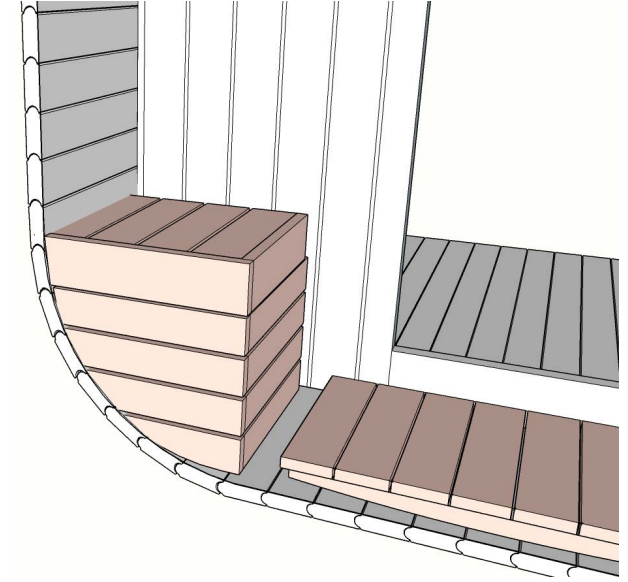
2.




3.

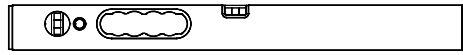


4.

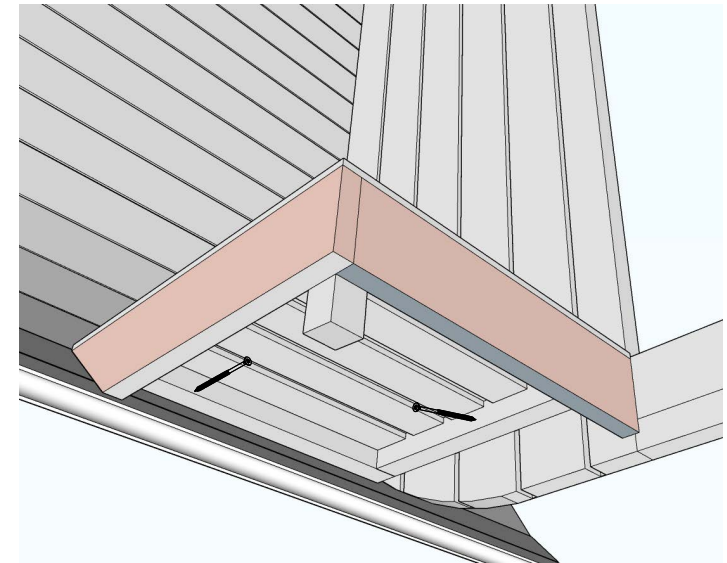
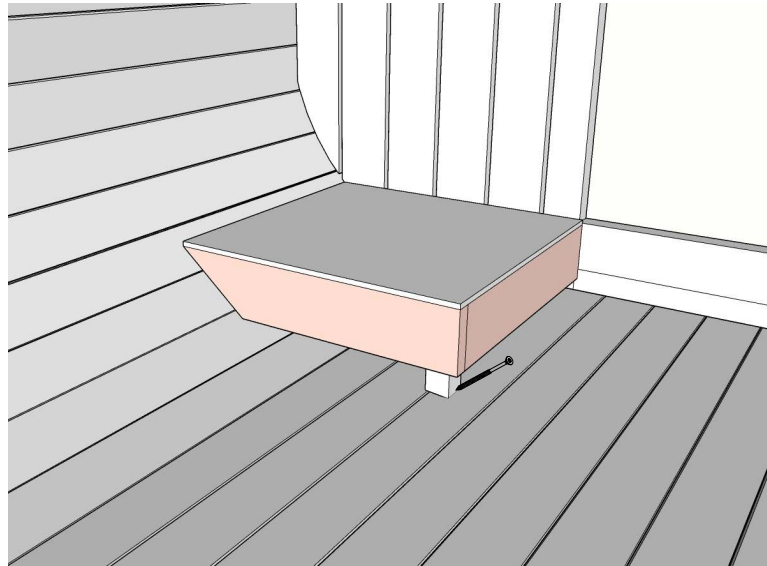
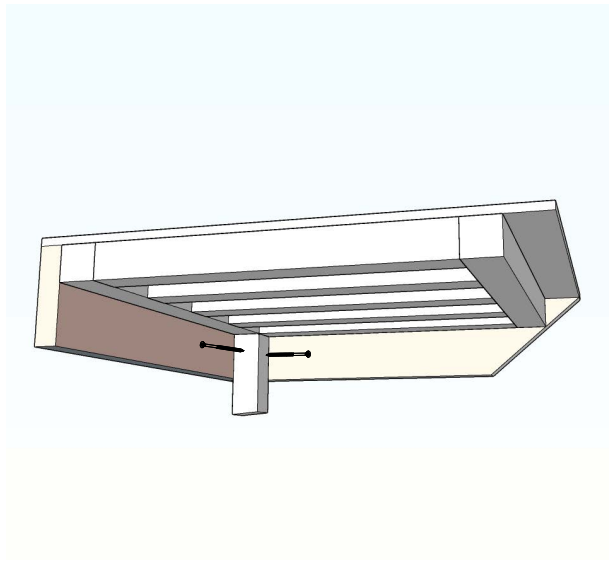


S7	Screws 4,2x70	
		

NB! use a level



1. Secure the leg with two screws.
Drill holes for screws!
2. Place the stand in place. Drill
holes for screws!
3. Secure with screws.



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

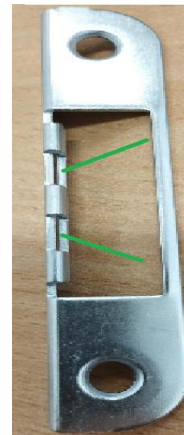


Fig. 4 Depth adjustment points on the lock side

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.

