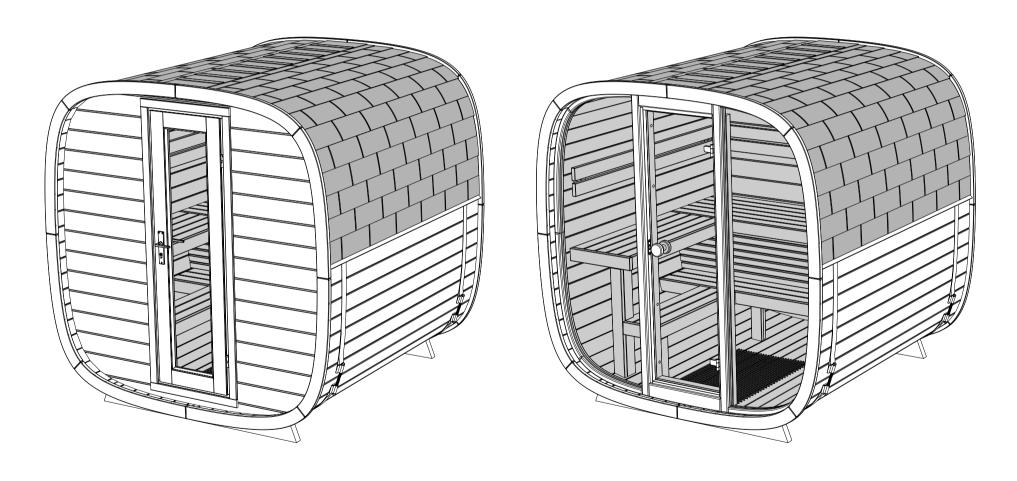
Dice Sauna

Exterior construction guide

Dice Sauna SOLO and POCKET

Compatible with both glass wall and wooden wall construction options, including panoramic construction.



Read the manual and check the parts for completeness before assembly!

USER MANUAL OF THE SAUNA

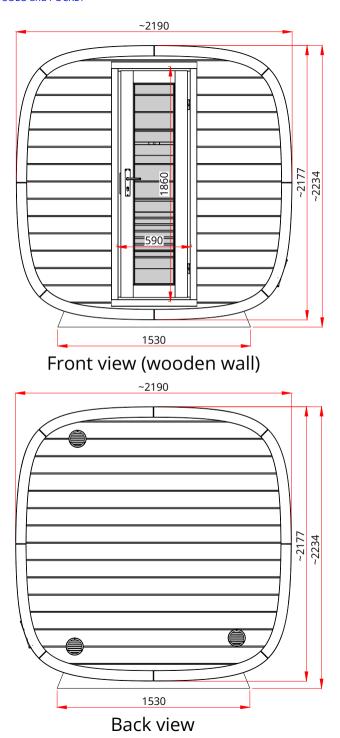
- 1. It is recommended to install the sauna above ground level to prevent the legs of the sauna from coming into direct contact with the ground. Install a water-resistant material, such as bitumen strips, between the legs of the sauna and the base.
- 2. Make sure that the surface on which you install 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 $3G\ 2.5\ mm^2$ outdoor power cable and connect it in juniper box provided with the sauna (L1 brown , N blue , GR green-yellow). The power cable of the sauna must be connected to a residual-current circuit breaker! Consult an electrician if necessary.

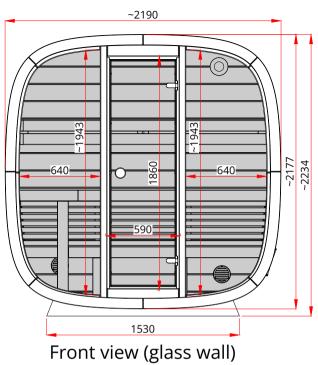
Maintenance of the sauna

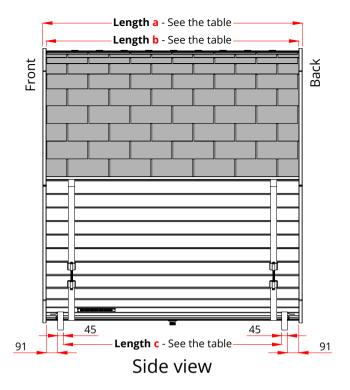
- 1. The interior surfaces of the sauna, the window frames of the steam and washing room, and the frames of interior doors must be treated with a special substance before initial use to protect them from humidity and dirt and extend the useful life of the sauna. Later, this should be done once or twice a year. TEKNOS Satu Saunasuoja or Tikkurila Supi Saunasuoja may be used for this.
- 2. Before initial use of the sauna, the benches and footrests must be treated with a protective oil to extend their useful life. Later, this should be done once or twice a year. TEKNOS Satu Laudesuoja or Tikkurila Supi Laudesuoja may be used for this.
- 3. Before initial use of the sauna and once a year after that, the door, doorframe, threshold, and window frame of the anteroom as well as the floors of the washing room and anteroom should be treated with the lacquer Teknos Helo Aqua 40.
- 4. The exterior surfaces of the sauna are given the first protective coating during production(DIY saunas are not treated). 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. 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).





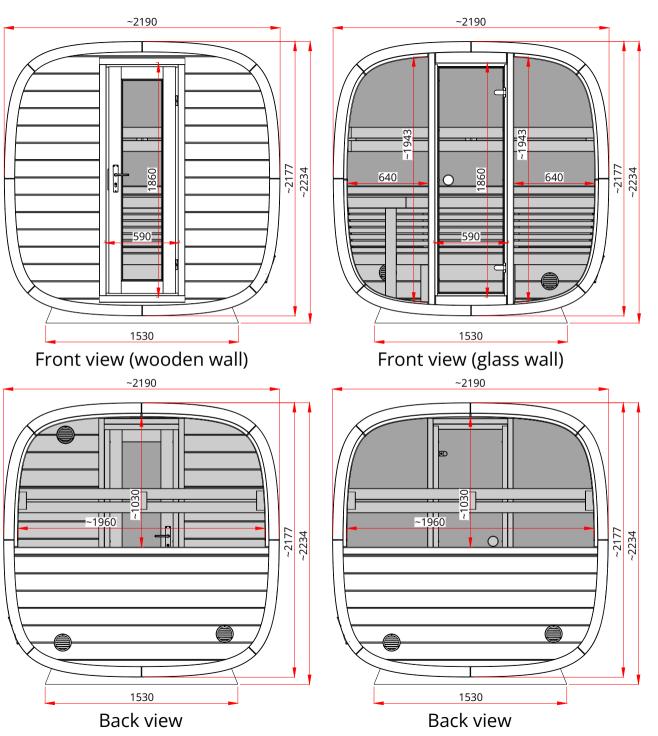


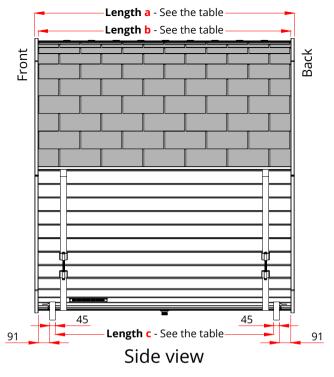
Dice Sauna	Length - a	Length - b	Length - c	
SOLO	~2060 mm	~2004 mm	~1732 mm	
POCKET	~1660 mm	~1604 mm	~1332 mm	

Dice Sauna

SOLO and **POCKET**

Scale 1:30





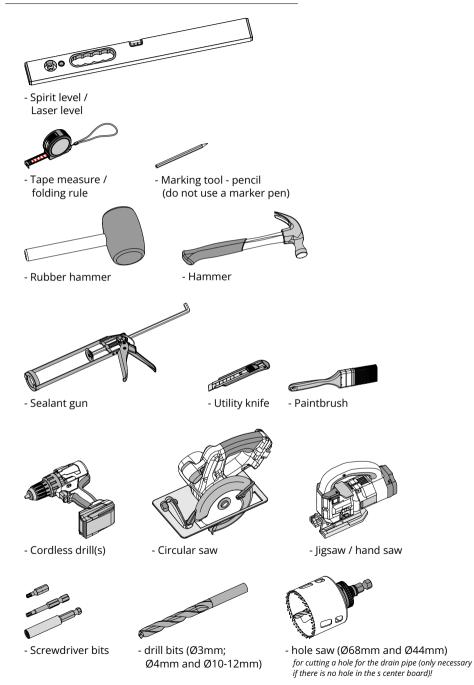
Dice Sauna	Length - a	Length - b	Length - c	
SOLO	~2060 mm	~2004 mm	~1732 mm	
POCKET	~1660 mm	~1604 mm	~1332 mm	

Dice Sauna

SOLO and POCKET with Panorama

Scale 1:30

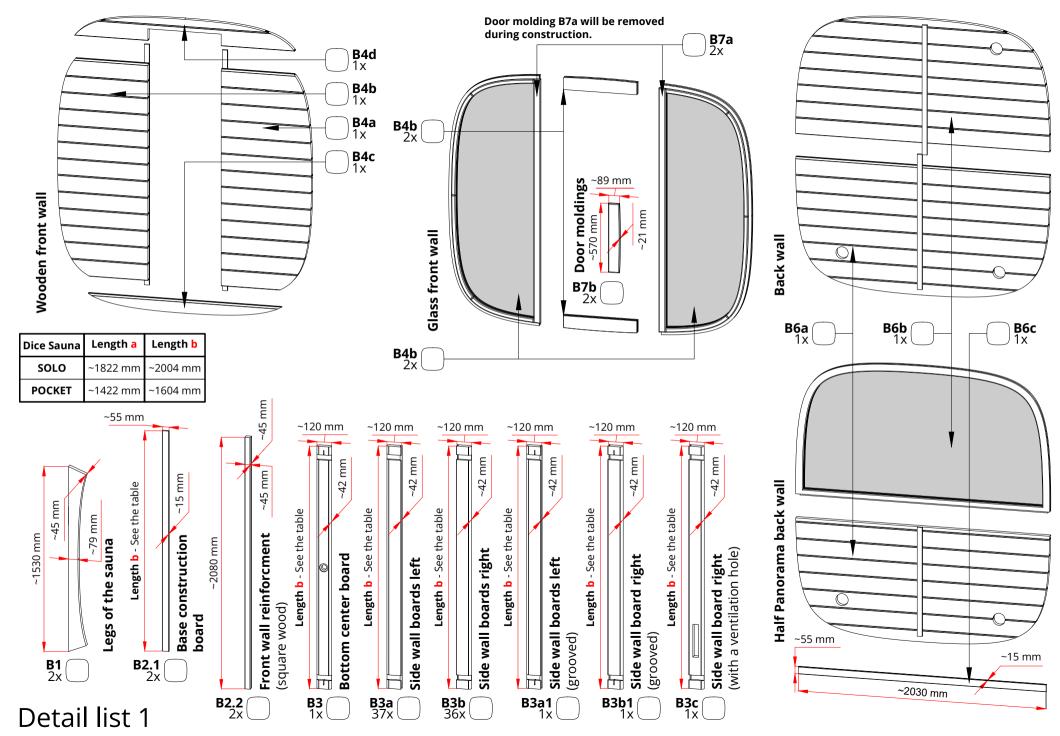
Tools needed for sauna construction:

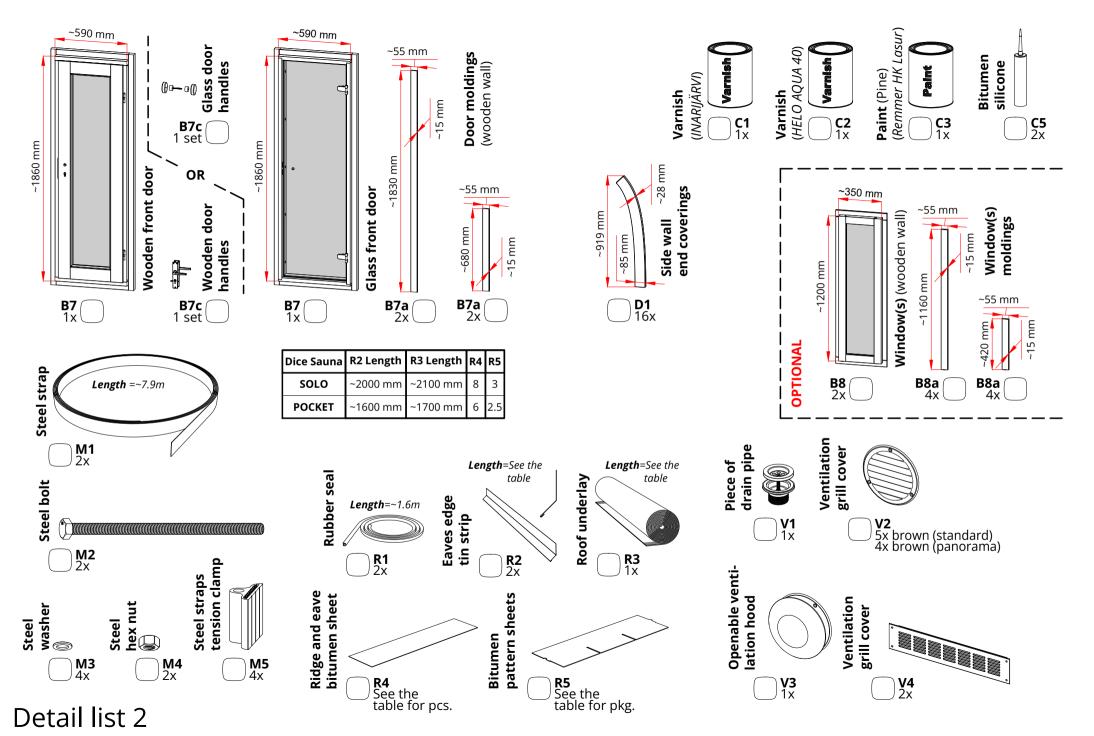


Additional materials required, if not ordered or included:



 Wood glue / assembly adhesive





Fasteners for the main construction of the sauna:

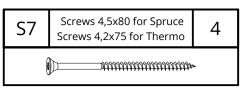
Name in manual	Nails and screws / Screw size (Scale 1:2)	Quantity	
S7	Screws 4,5x80 for Spruce	50	
37	Screws 4,2x75 for Thermo	30	
S6.1	Screws 4,5x70 (Black coated)	50	
CF	∮ Screws 4,5x60 for Spruce	150	
S5 -	Screws 4,2x55 for Thermo	150	
S2	Screws 3x40	15	
S1	Dmm ⊷ Screws 3x30	50	
R6	0 	0.5kg	

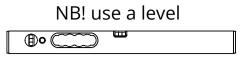
Fasteners for sauna door(s):

Name in manual	Nails and screws / Screw size (Scale 1:2)	Quantity	
S6.2	∮	20	
S3.2	©Screws 4,5x50 (Nano black coating)	20	
Р	Hole plug	20	

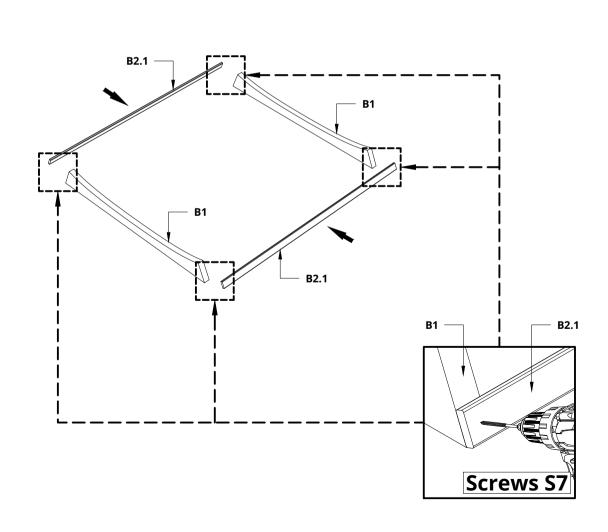
(OPTIONAL) Fasteners for sauna window(s):

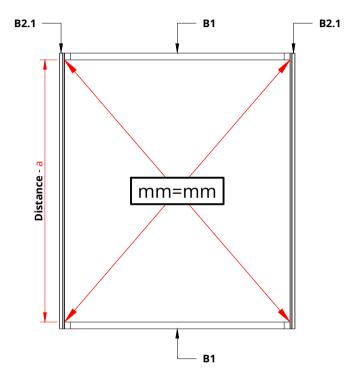
Name in manual	Nails and screws / Screw size (Scale 1:2)	Quantity	
C 7	Screws 4,5x80 for Spruce	40	<u>ا</u>
S7	Screws 4,2x75 for Thermo	40	
S6.2	⊕	10	
S3.2	Screws 4,5x50 (Nano black coating)	30	
S2	Screws 3x40	30	



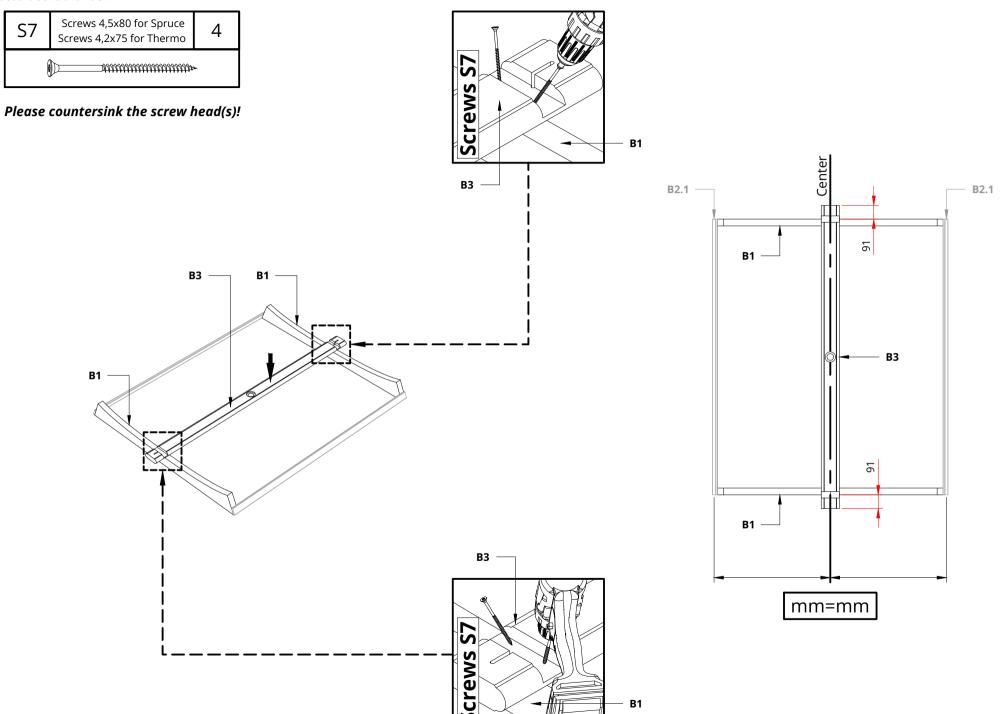


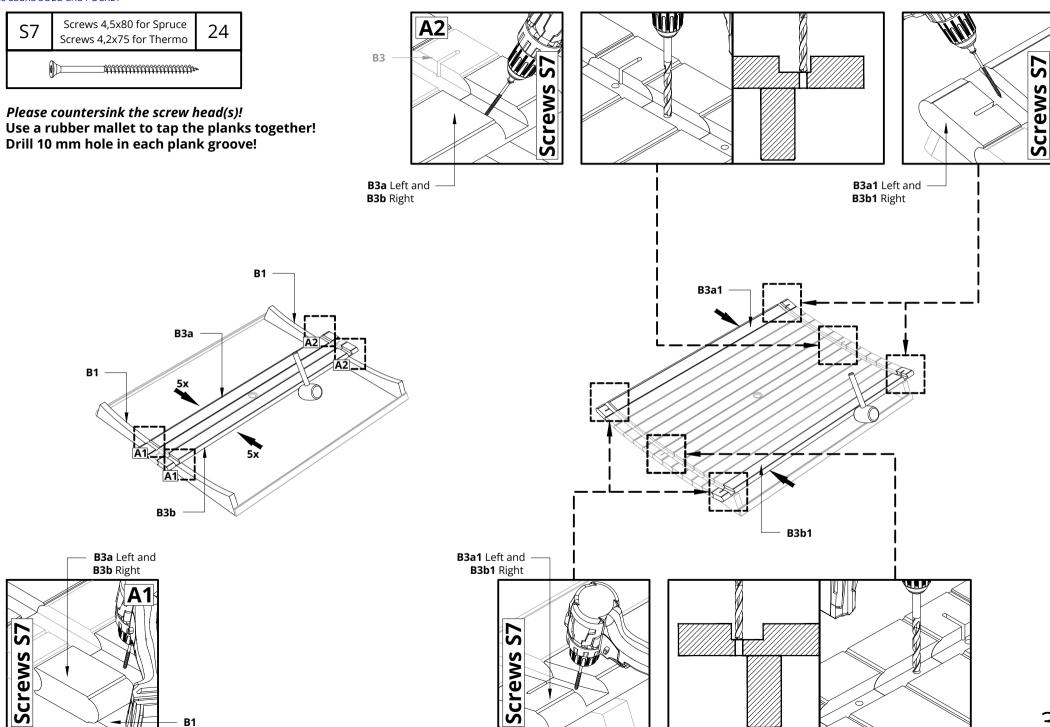
The base of the sauna must be level!

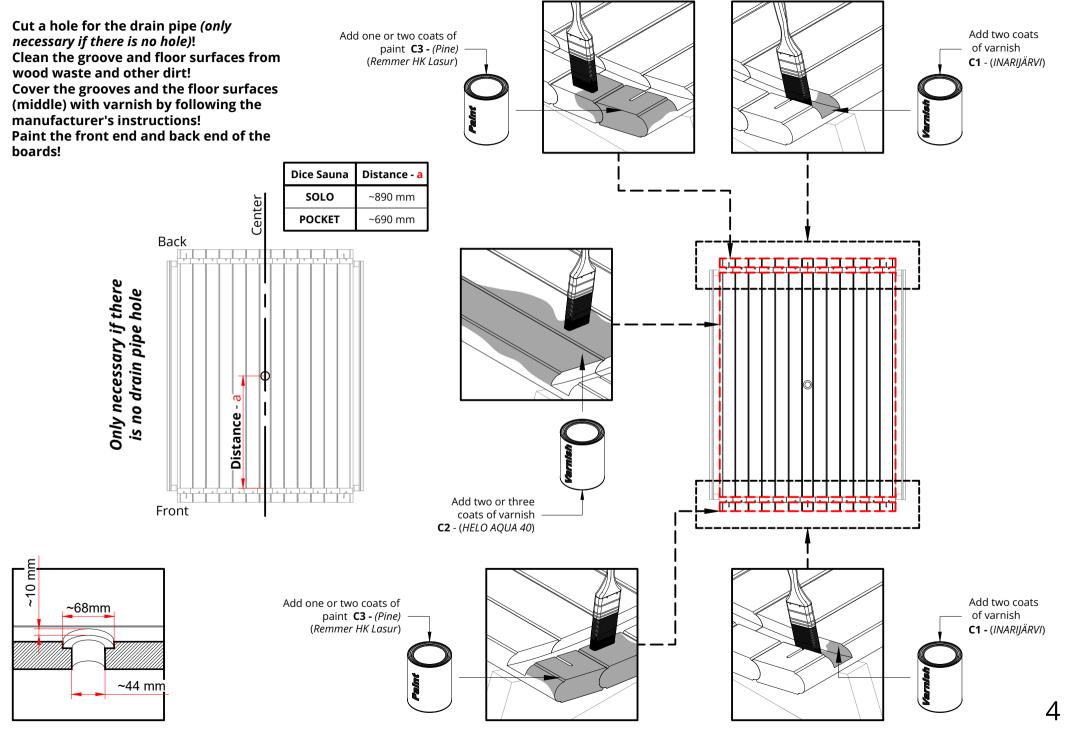


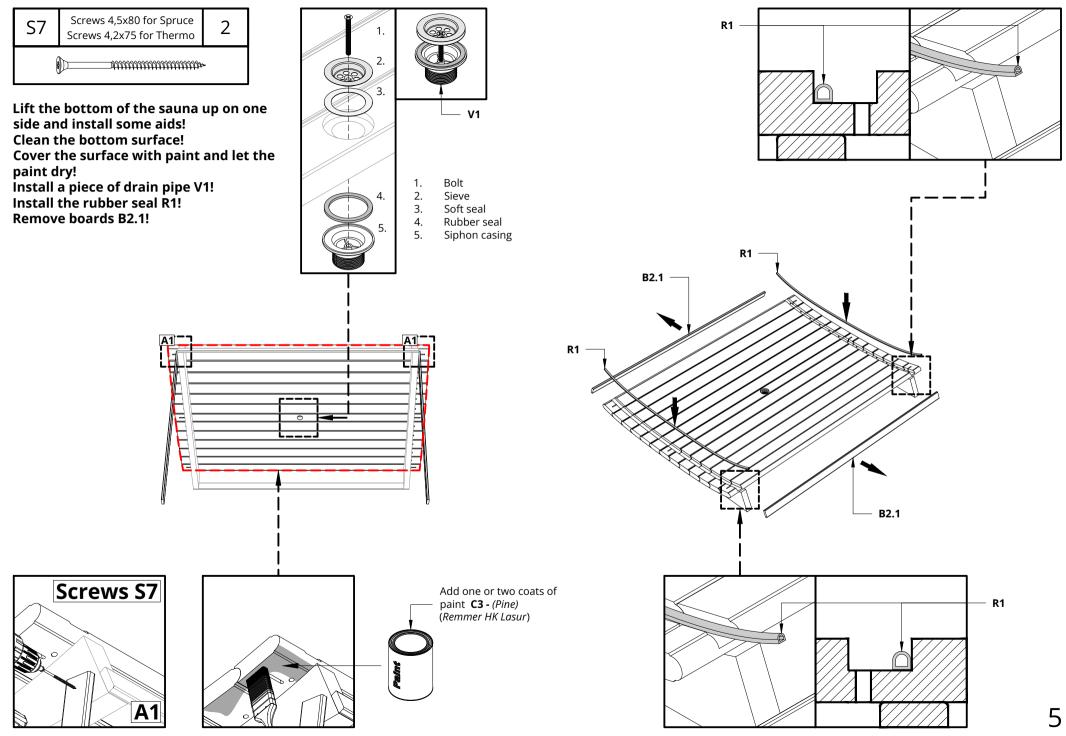


Dice Sauna	Distance - a	
SOLO	~1732 mm	
POCKET	~1332 mm	

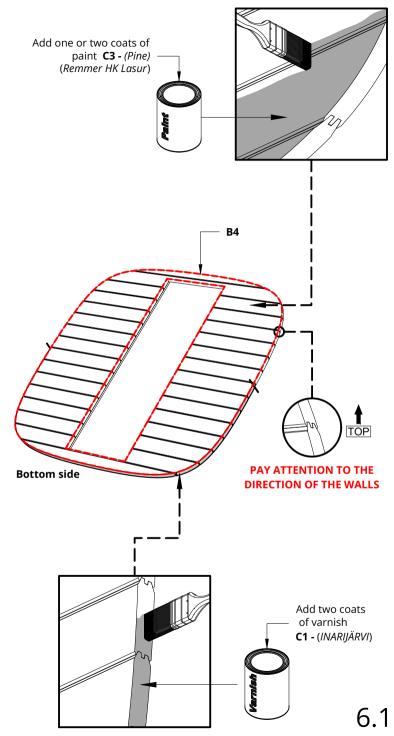


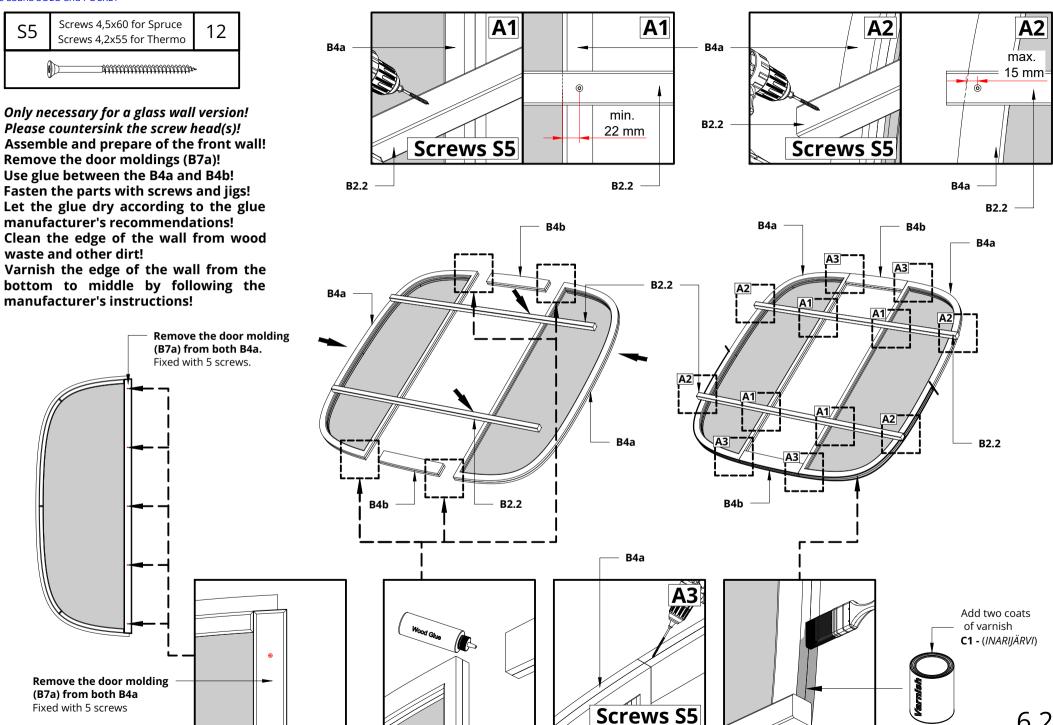


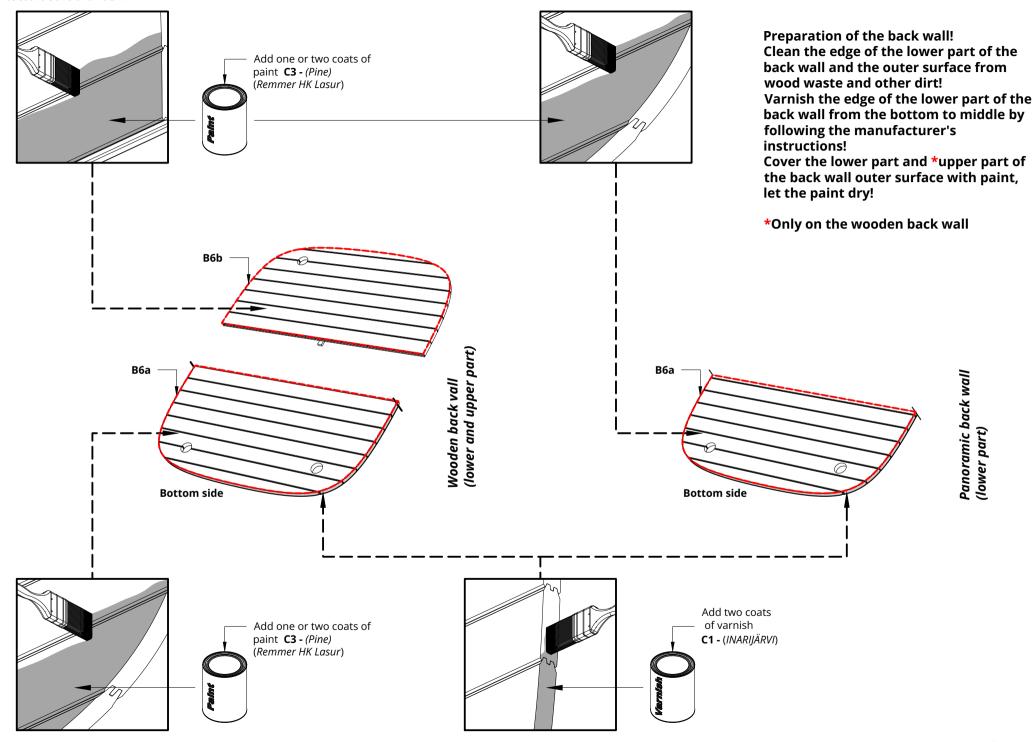


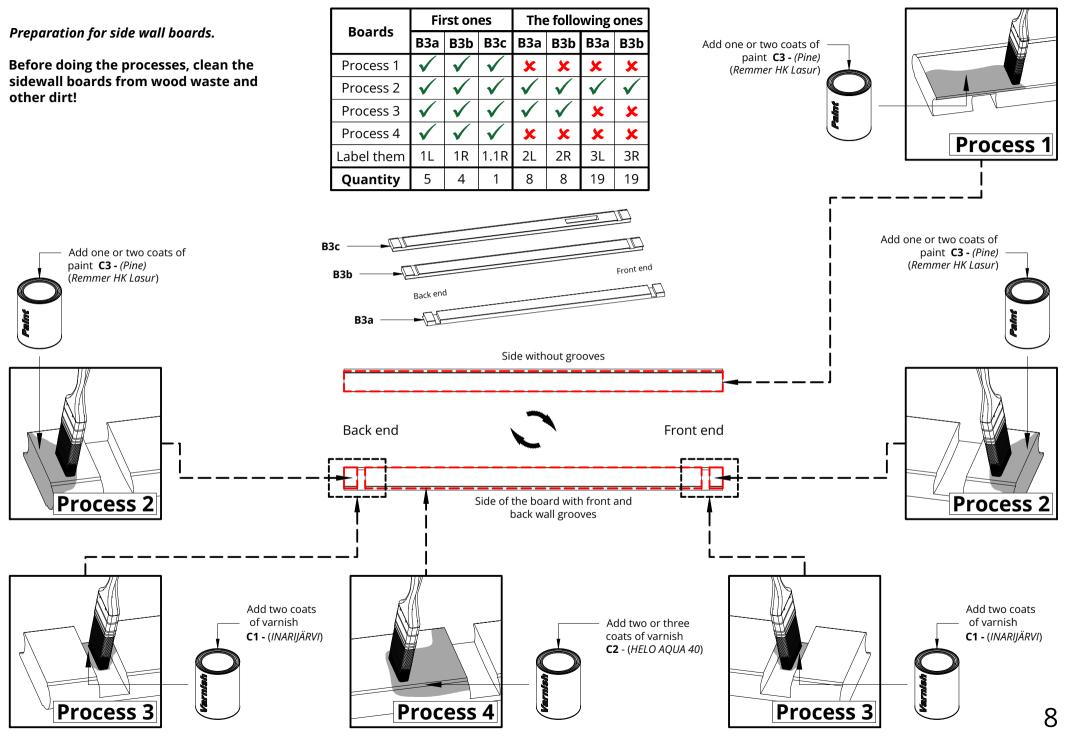


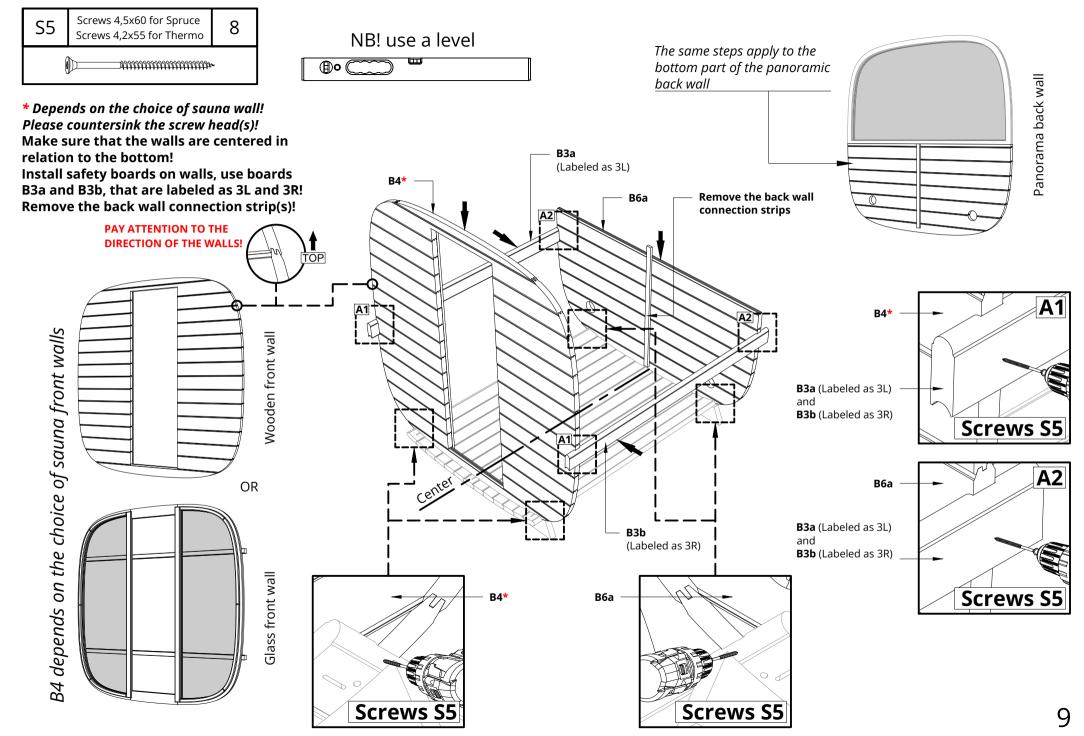
ice Sauna SO	LO and POCKET					
S5	Screws 4,5x60 for Spruce Screws 4,2x55 for Thermo	4		Screw	vs S5	
S7	Screws 4,5x80 for Spruce Screws 4,2x75 for Thermo	4				
)	-				
	countersink the screw l ble and prepare of the				m	
Fasten	the parts with screws the edge and the outer	and jigs!		<u> </u>		
the fro	nt wall from wood wa lirt!	ste and		_ <u>_ </u>	 	— B4d
botton	h the edge of the wa n to middle by foll	owing the	B4b ─	<u>, </u>		
Cover	acturer's instructions! the wall outer surface paint dry!					
	mble the glass wall, see	e next page.				
				-		_
	ı			/ / <u>/</u>		
	<u> </u>			r/1		
	İ	L				
		B4c		ן '	B4a	
			<u>+</u>	_ 1		
	Screws S7	Sc	rews S5]	Scre	ews \$7
						An/
			<u> </u>	1		





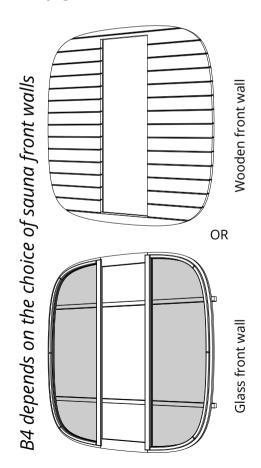


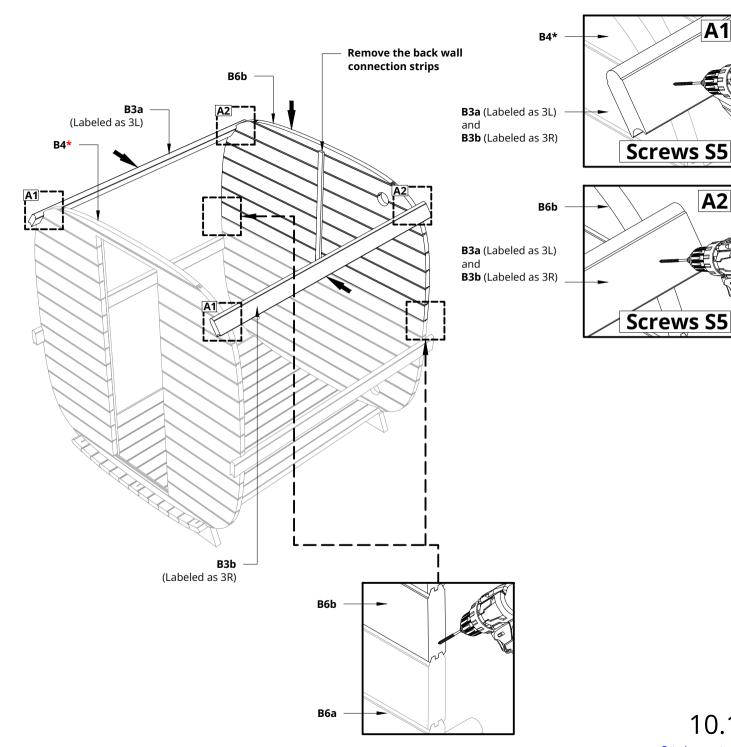




S5	Screws 4,5x60 for Spruce Screws 4,2x55 for Thermo	4		
S7	Screws 4,5x80 for Spruce Screws 4,2x75 for Thermo	2		
1				

* Depends on the choice of sauna wall! Please countersink the screw head(s)! Install the upper part of the back wall B6b and the upper safety board! Remove the back wall connection strip(s)! Panorama construction instructions are on the next page!

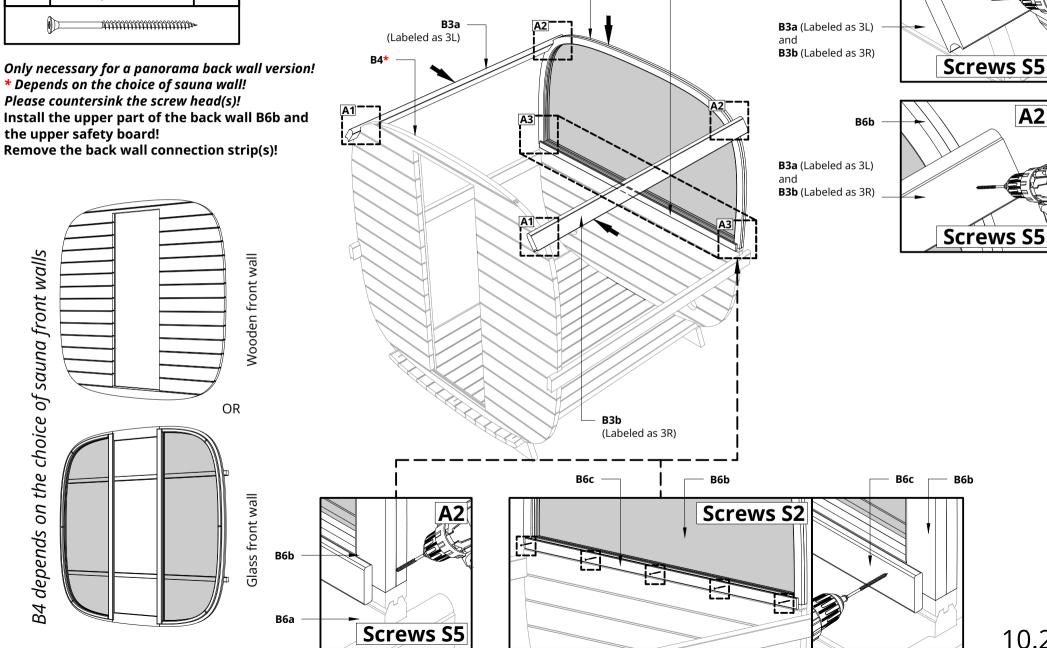




A2

S2	Screws 3x40	5		
S5	Screws 4,5x60 for Spruce Screws 4,2x55 for Thermo	6		
<u> </u>				

* Depends on the choice of sauna wall! Please countersink the screw head(s)! Install the upper part of the back wall B6b and the upper safety board!

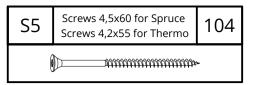


B6b

B6b

A2

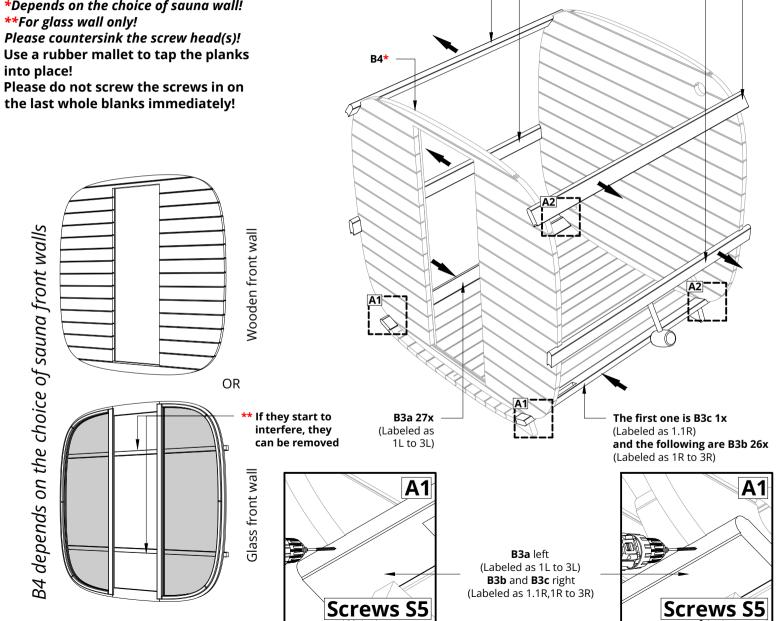
B4*



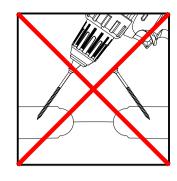
- *Depends on the choice of sauna wall!

Please countersink the screw head(s)! Use a rubber mallet to tap the planks into place!

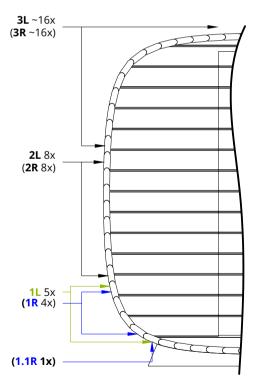
the last whole blanks immediately!



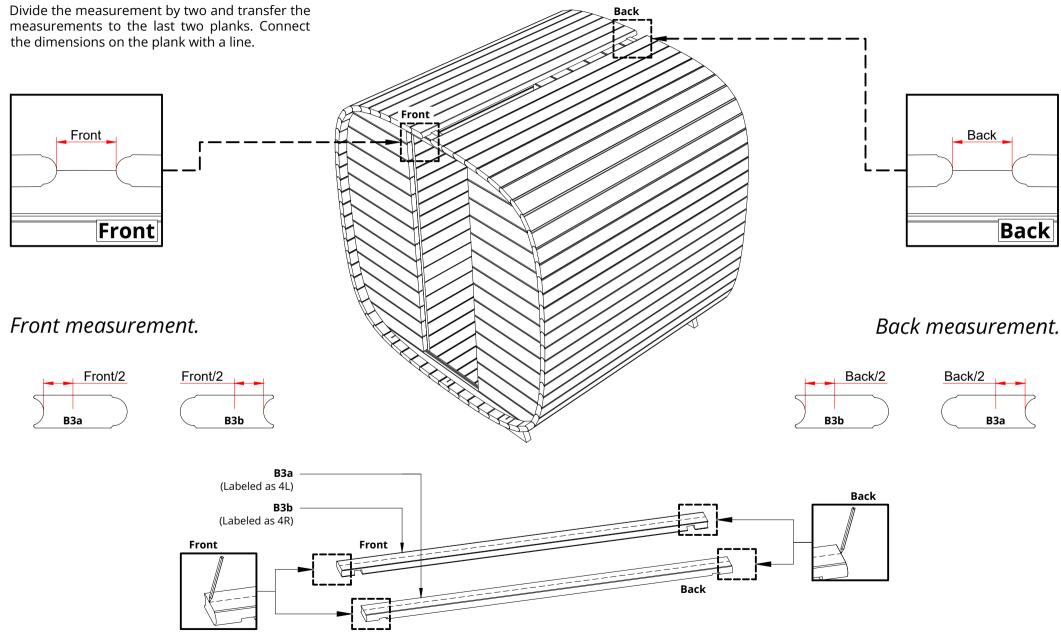
If they start to interfere, they can be removed



B3a left (B3b and 1xB3c right) layout of labeled boards



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

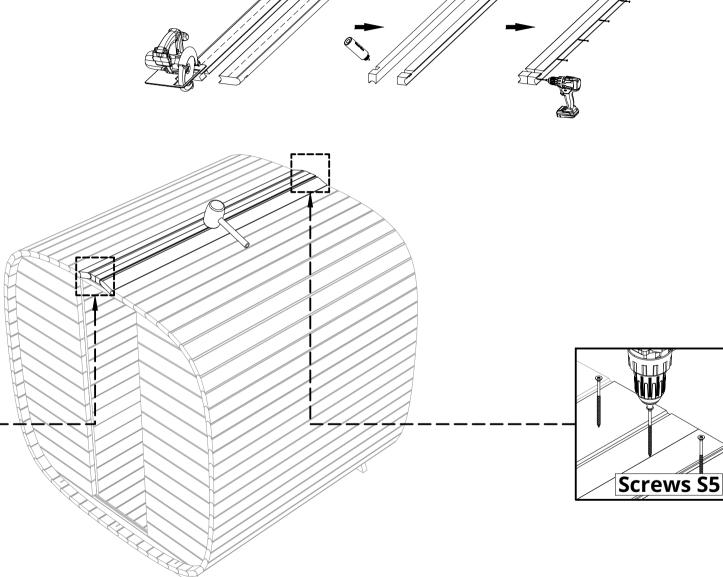


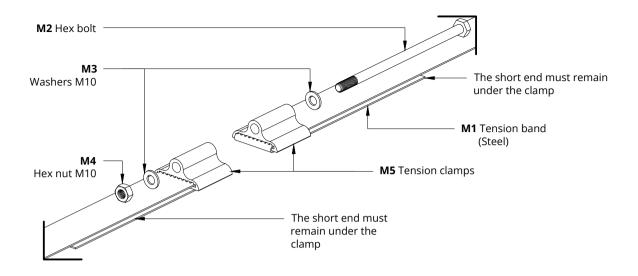
S27	Screws 3x40 4,5x80	7	
S5	Screws 4,5x60 for Spruce Screws 4,2x55 for Thermo	6	
<u> </u>			

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 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.

Screws S5

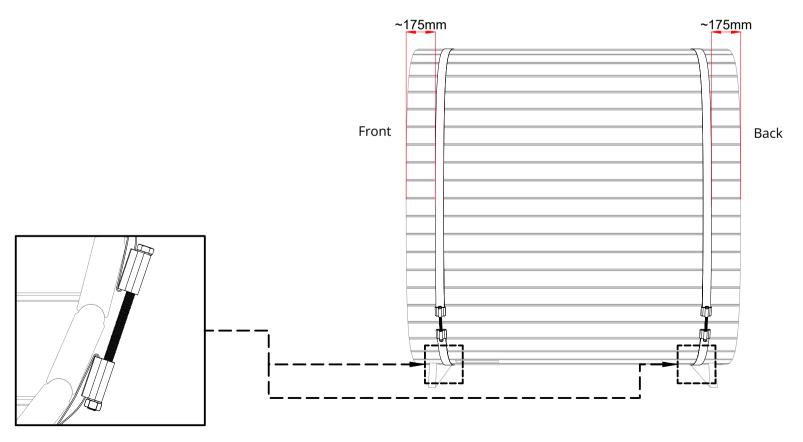


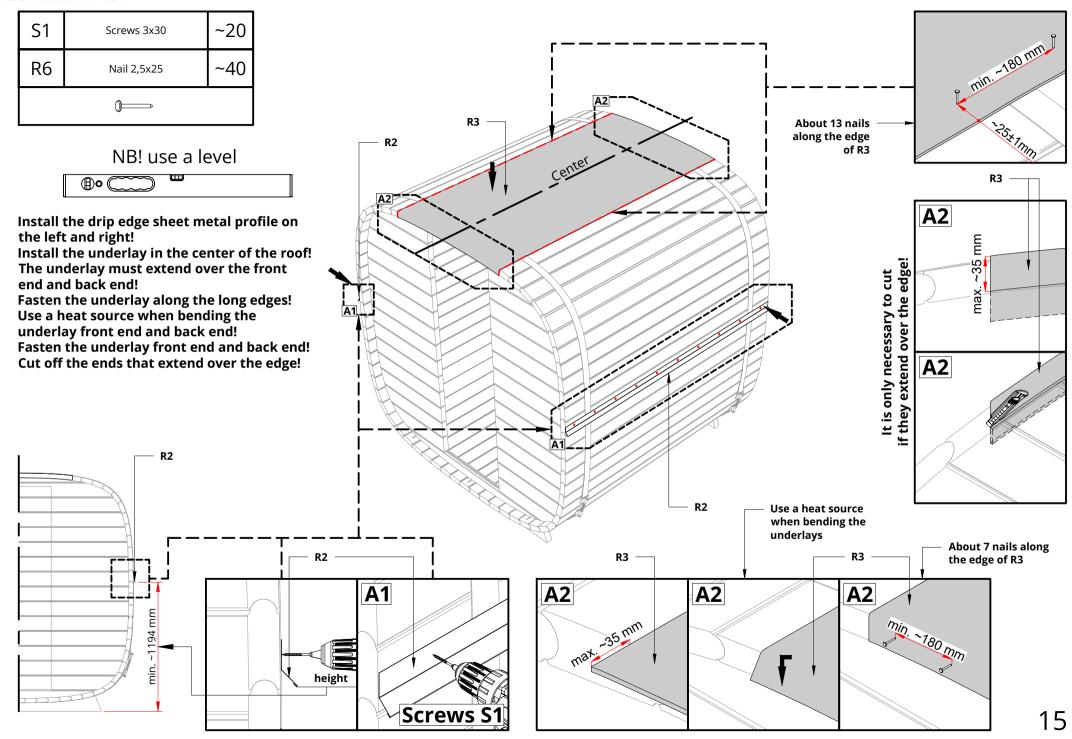


Place the tension bands M1 (Steel band) around the side walls and thread the bands into the eyelet as follows (see sketch above).

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.



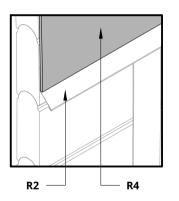


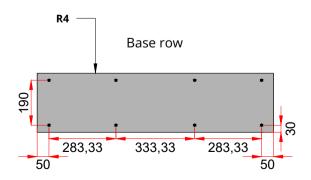
R6	Nail 2,5x25	~32
	>	

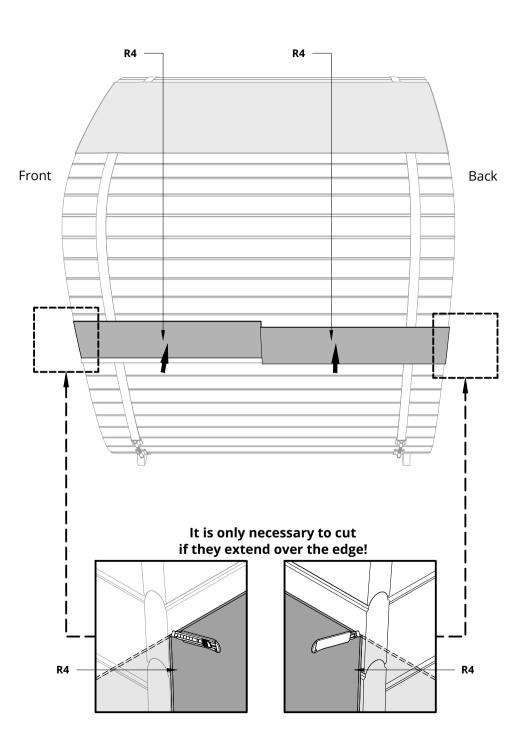
Sheets are self-adhesive, for better adhesion use a heat source!

The base row starts from the front!
Cut sheets that extend over the edge! (It is only necessary to cut if they extend over the edge!)
Suitable leftovers can be used!
Repeat these steps on the other side as well!

Recommendation for proper installation are in separate pages.





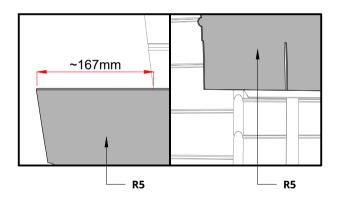


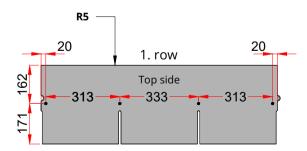
R6	Nail 2,5x25	~220
)	

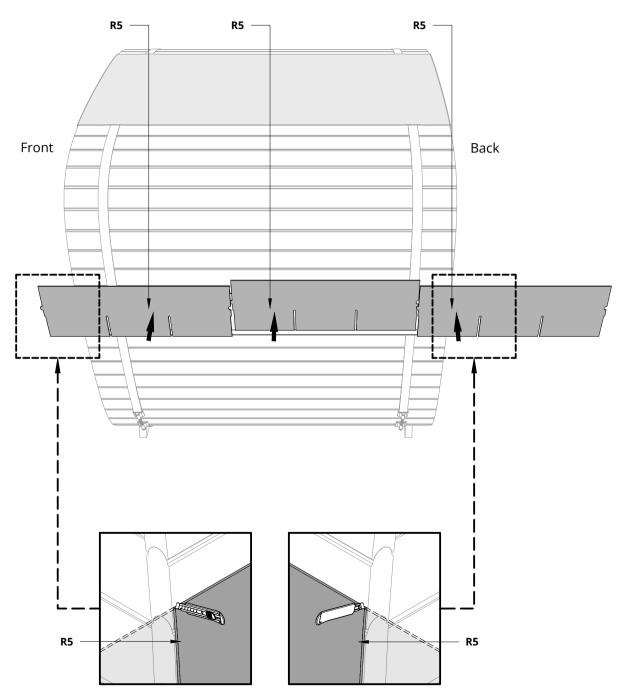
Sheets are self-adhesive, for better adhesion use a heat source!

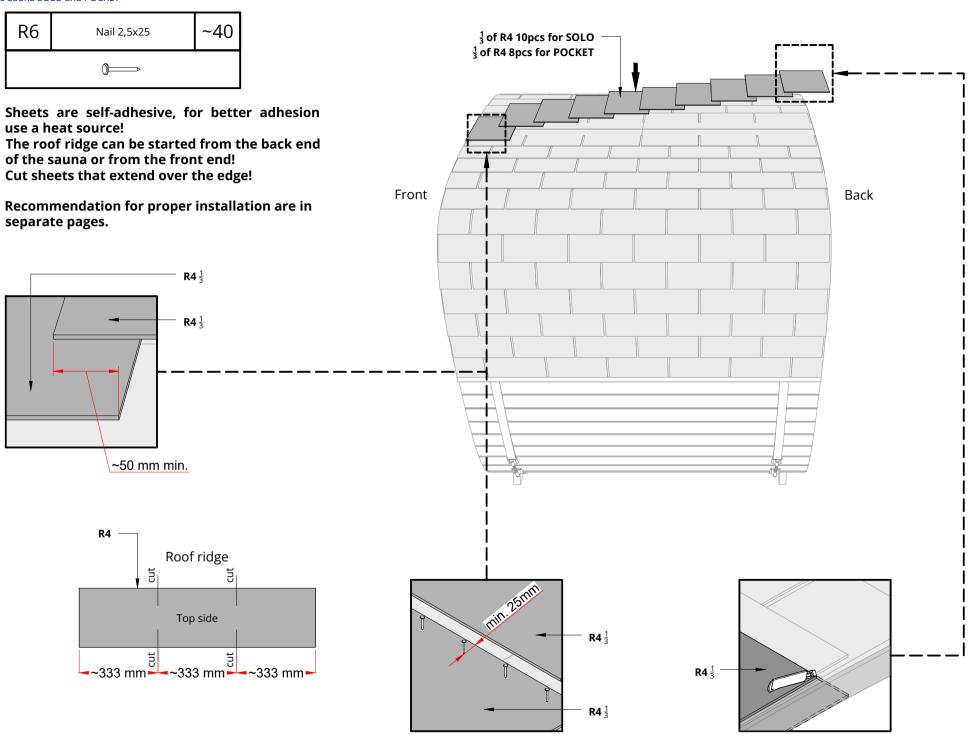
The 1.row starts at the front and offset! Cut sheets that extend over the edge! Suitable leftovers can be used! Repeat these steps on the other side as well!

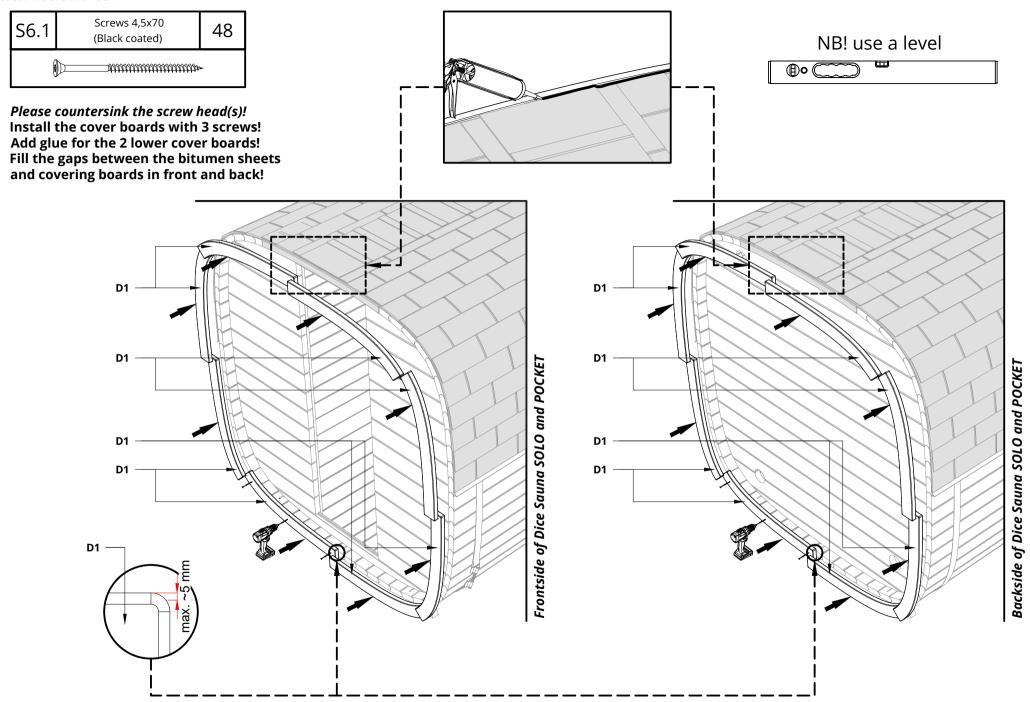
Recommendation for proper installation are in separate pages.

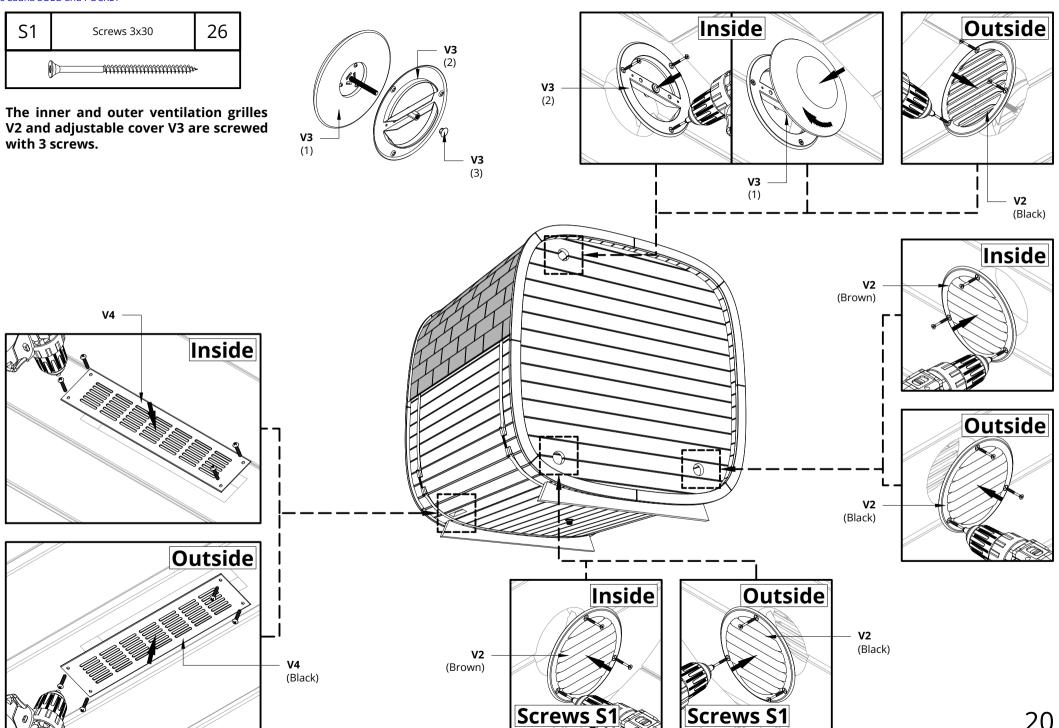


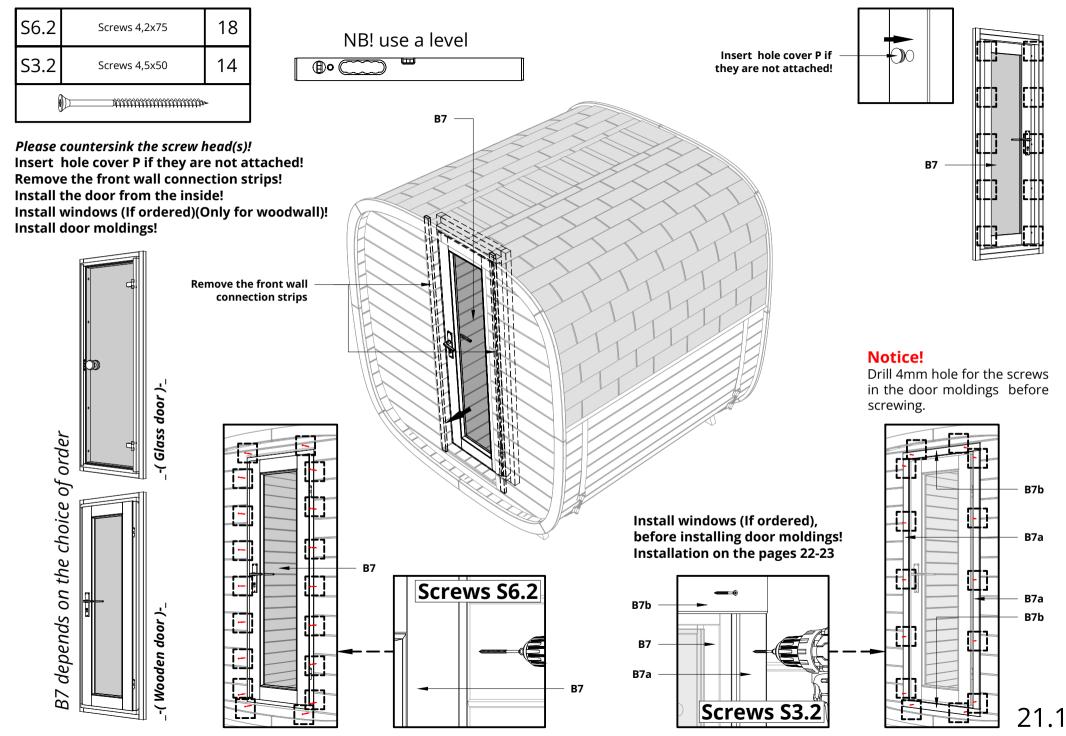


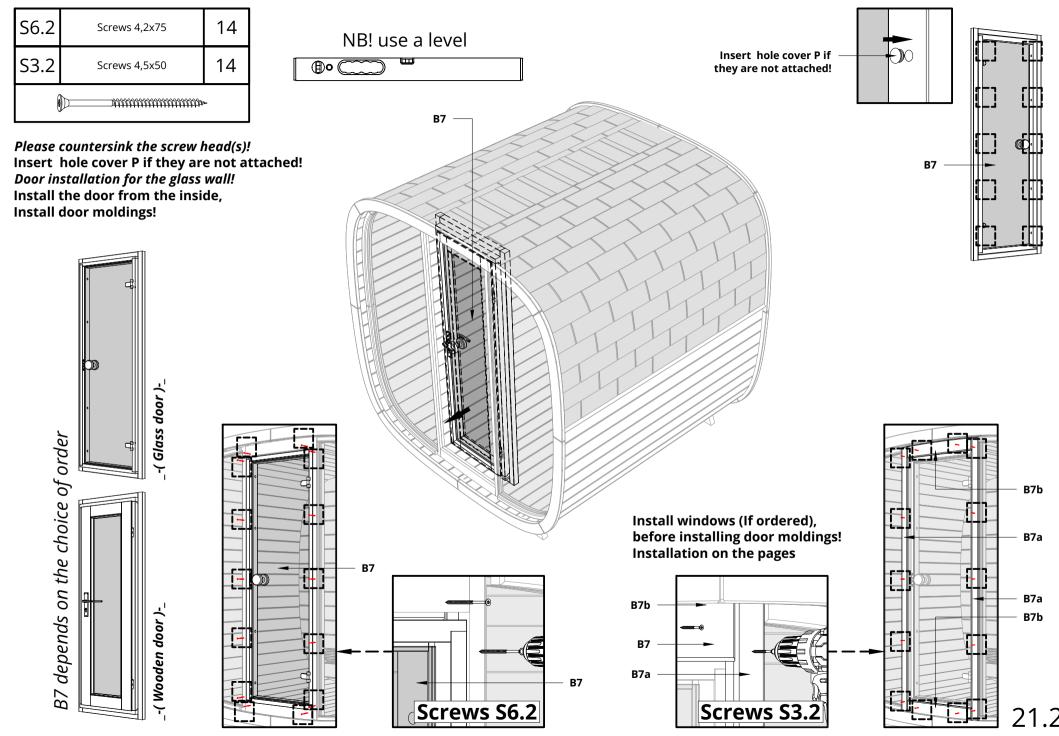




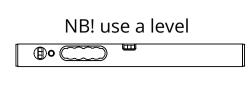


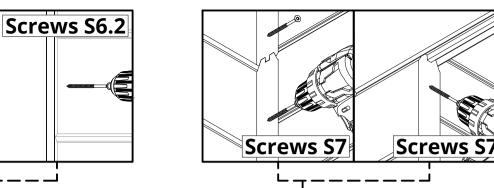






S6.2	Screws 4,2x75	8
S7	Screws 4,5x80 for Spruce Screws 4,2x75 for Thermo	36





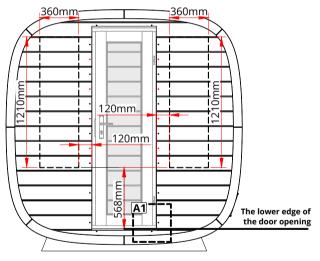
Please countersink the screw head(s)! Only for the wooden front wall!

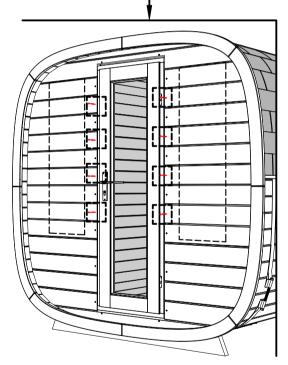
Add some extra screws the locations shown in the picture!

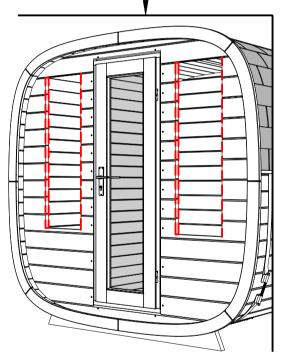
Measure and mark the window(s) locations if they are unmarked or vanished!

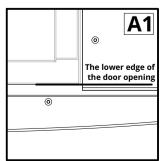
Drill holes in the corners of the marked area! Cut the holes!

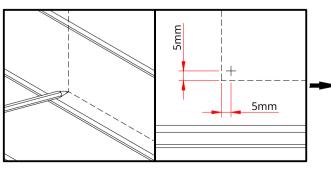
Attach the pieces of boards together on the door side!

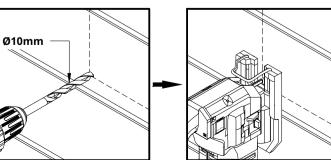






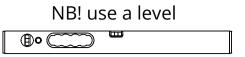




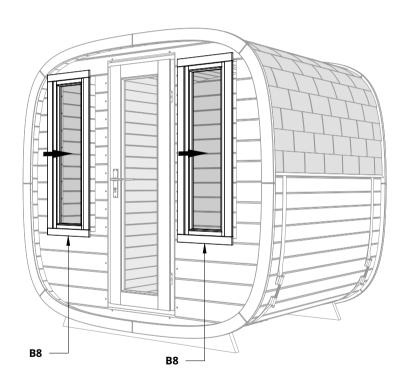


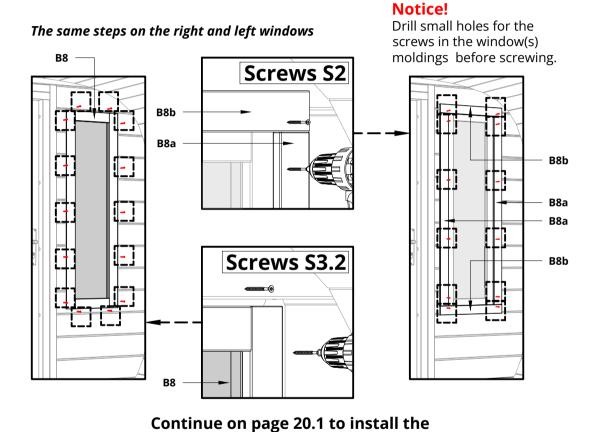
Dice Sauna SOLO and POCKET

S2	Screws 3x40	28		
S3.2	Screws 4,5x50	24		



Please countersink the screw head(s)!
Install the windows from the outside, fasten with screws!
install window moldings!





door moldings!!

DOOR ADJUSTMENT MANUAL

1) Vertical adjustment of the door sash

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



Fig.1 Sash hinge height adjustment bolt

2) Horizontal adjustment of the door sash

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

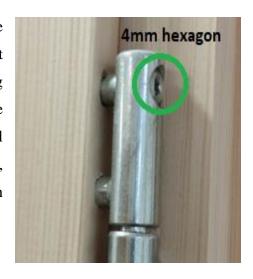


Fig.2 Frame horizontal direction adjustment bolt

3) Adjusting the depth of the door frame

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



Fig.3 Door sash depth adjustment bolt



Fig. 4 Depth adjustment points on the lock side

4) Door finishing guide

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

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

ADJUSTING THE HINGES

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



ADJUSTMENT OF THE ROLLER-LOCK

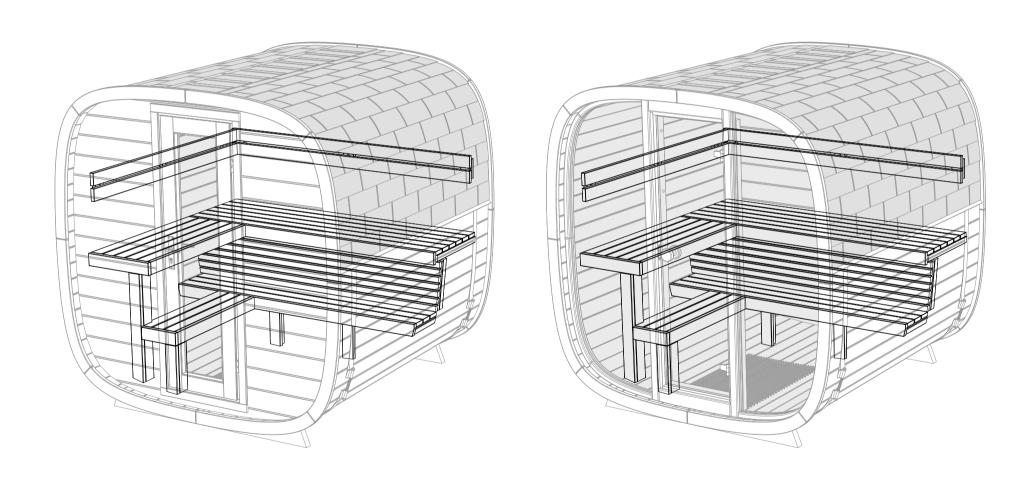
- PH2 screwdriver required;
- The roller lock can be adjusted by turning the screw indicated by the red line;
- Turning clockwise moves the roller inward and turning counter-clockwise moves the roller outward;
- The roller should be adjusted so that the glass moves freely behind the roller without applying force.
- The roller lock adjustable screw must be always on the upper side of the roll, otherwise the door may get stuck.



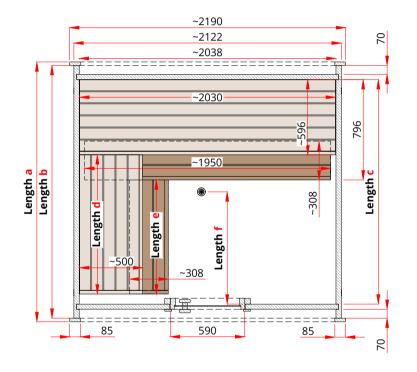
Dice Sauna

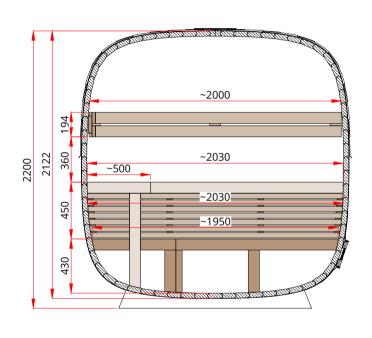
Bench assembly guide Dice Sauna SOLO and POCKET

Compatible with all wall types construction.



Read the manual and check the parts for completeness before assembly!



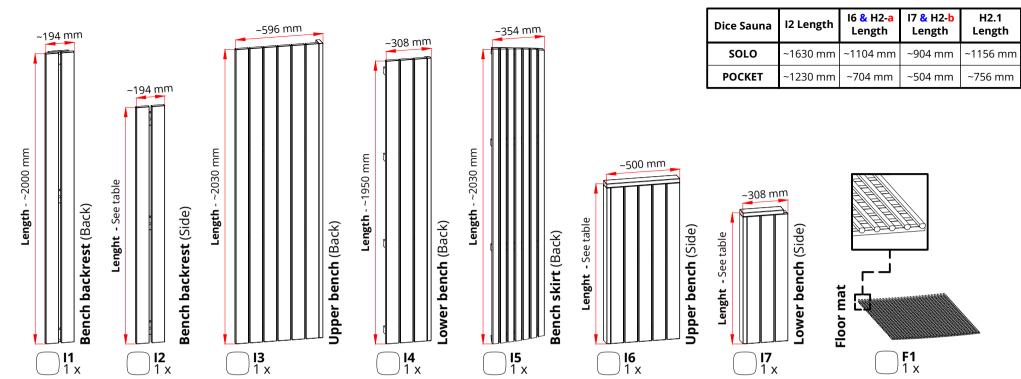


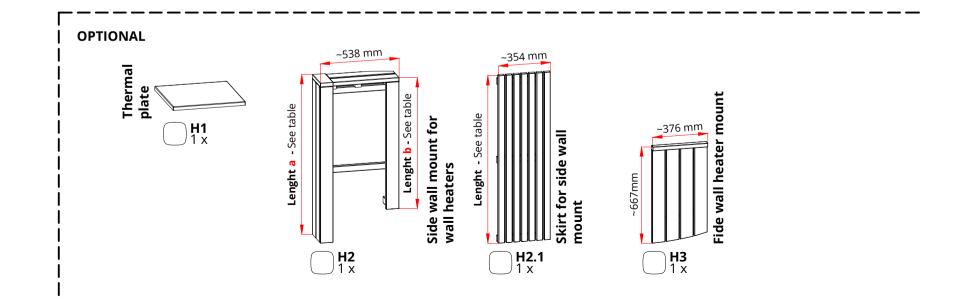
Dice Sauna	Length - a	Length - b	Length - c	Length - d	Length - e	Length - f
SOLO	~2060 mm	~2004 mm	~1780 mm	~1104 mm	~904 mm	~890 mm
POCKET	~1660 mm	~1604 mm	~1380 mm	~704 mm	~504 mm	~690 mm

Dice Sauna

SOLO and **POCKET**

Scale 1:30



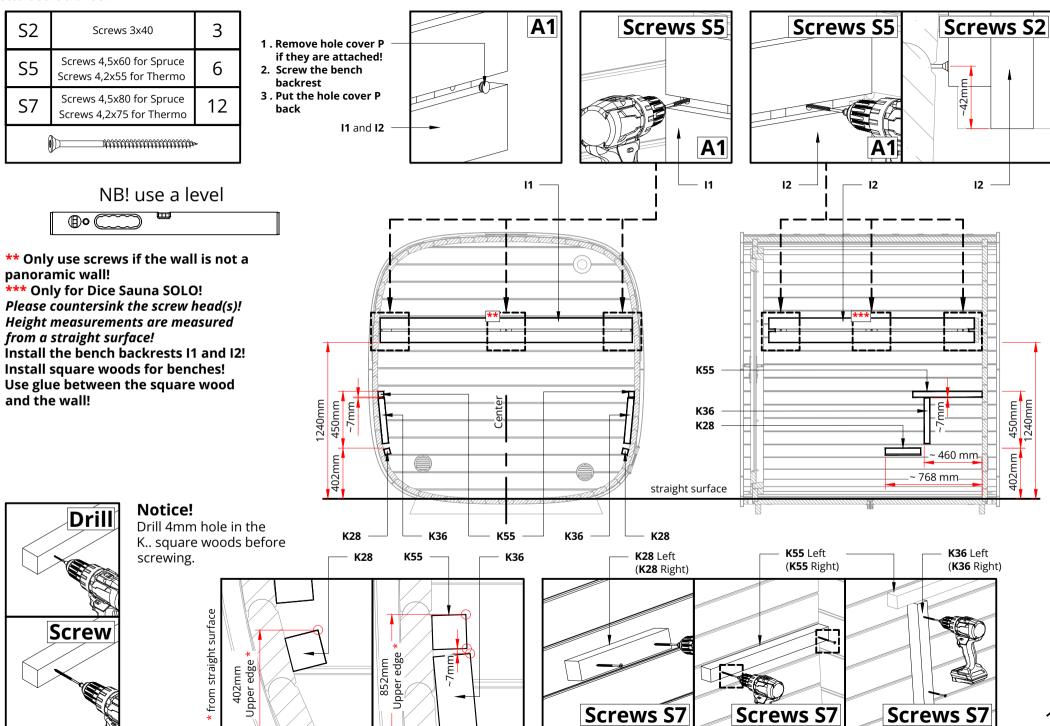


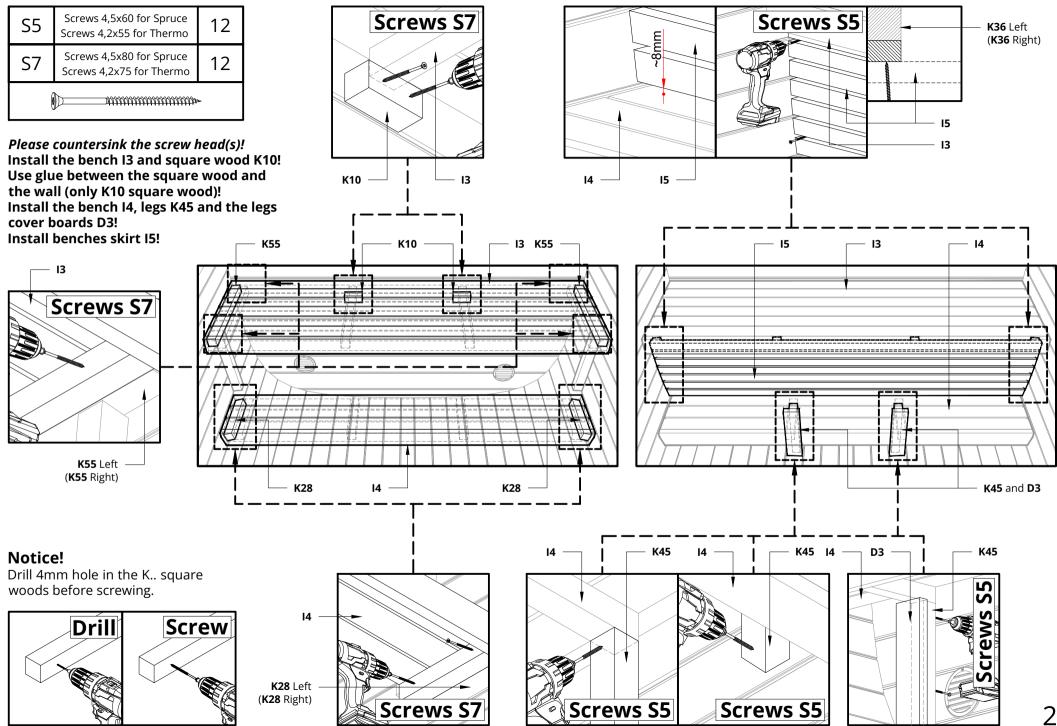
	SOLO and POCKET		
Name in manual	K Square woods 45x45mm	Od TOS	
K90	900 mm	1	
K55	550 mm	2	
K45	450 mm	4	
K36	360 mm	4	
K30	300 mm	1	
K28	280 mm	3	
K10	100 mm	3	

Dice Sauna		SOLO and POCKET	
Name in manual	Cover boards	SOLO	
D2	900 mm 88x28 mm	1	
D3	450 mm 88x28 mm	6	

Name in manual	Screws (Scale 1:2)/ Screw size	Qty.	
C 7	Screws 4,5x80 for Spruce	40	
S7	Screws 4,2x75 for Thermo	40	
CE	Screws 4,5x60 for Spruce	50 +	
S5	Screws 4,2x55 for Thermo	*14 **8	
S2	⑥ □─ ********** Screws 3x40	5	

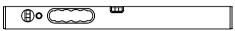
^{*(}Optional) for side wall mount.
**(Optional) for front wall mount.





S5	Screws 4,5x60 for Spruce Screws 4,2x55 for Thermo	4
S7	Screws 4,5x80 for Spruce Screws 4,2x75 for Thermo	2
<u> </u>		

NB! use a level

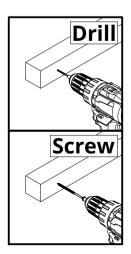


K30 -

450mm

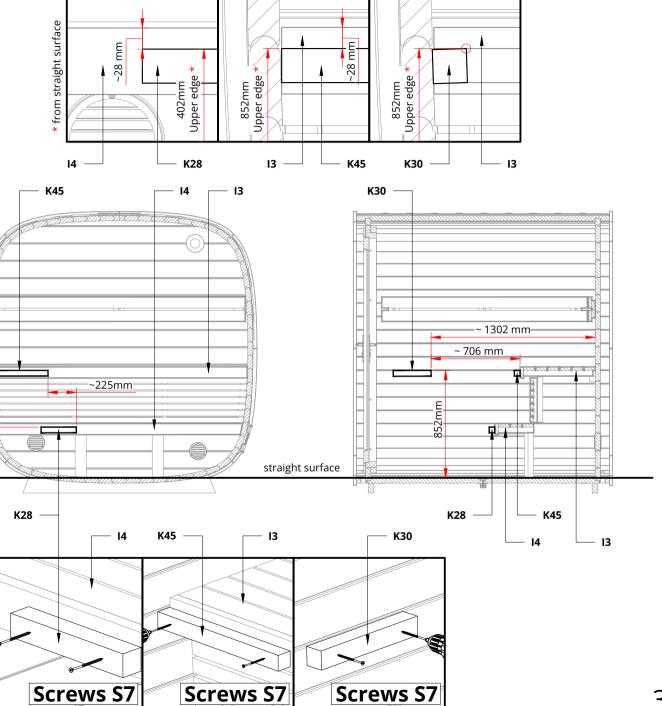
402mm

Please countersink the screw head(s)! Height measurements are measured from a straight surface! Install square woods for benches! Use glue between the square wood and the wall!



Notice!

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



S5	Screws 4,5x60 for Spruce Screws 4,2x55 for Thermo	6
S7	Screws 4,5x80 for Spruce Screws 4,2x75 for Thermo	4

16

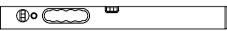
D2

FIMM

K30 -

K90

K10* -



* Only for Dice Sauna SOLO!

Please countersink the screw head(s)!

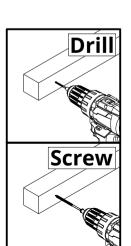
The square wood K90 and cover board

D2 are longer, they must be cut to the

correct size!

Install the bench I6 and some aids to keep the bench level!

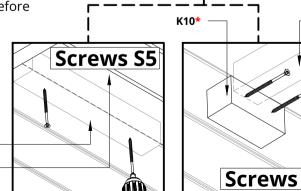
Install square woods K10 for bench!
Use glue between the square wood and the wall (only K10 square wood)!
Install the bench leg K90 and the leg cover board D2!

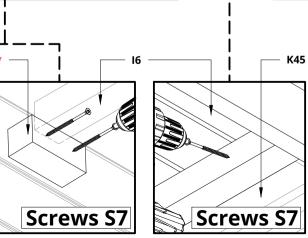


Notice!

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

K30 I6





16

mm

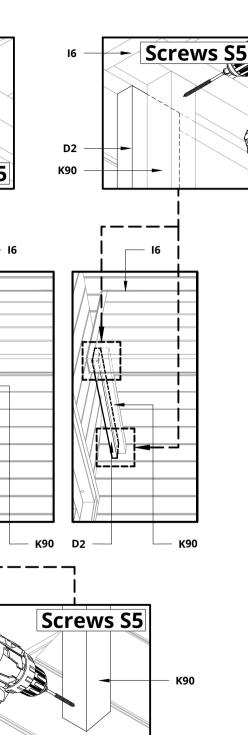
~25

16

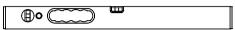
K90

K45

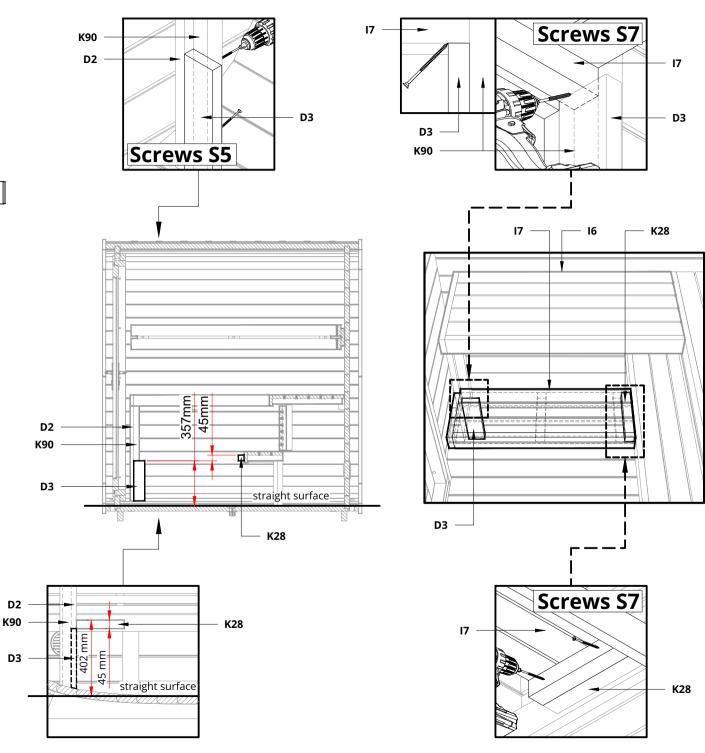
Screws S5

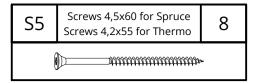


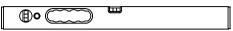
S5	Screws 4,5x60 for Spruce Screws 4,2x55 for Thermo	2
S7	Screws 4,5x80 for Spruce Screws 4,2x75 for Thermo	3



Please countersink the screw head(s)!
Height measurements are measured
from a straight surface!
The cover board D3 is longer, it must
be cut to the correct size!
Install the bench leg cover board D3!
Install the bench I7 and some aids to
keep the bench level!



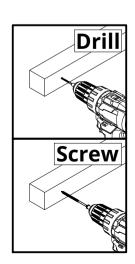


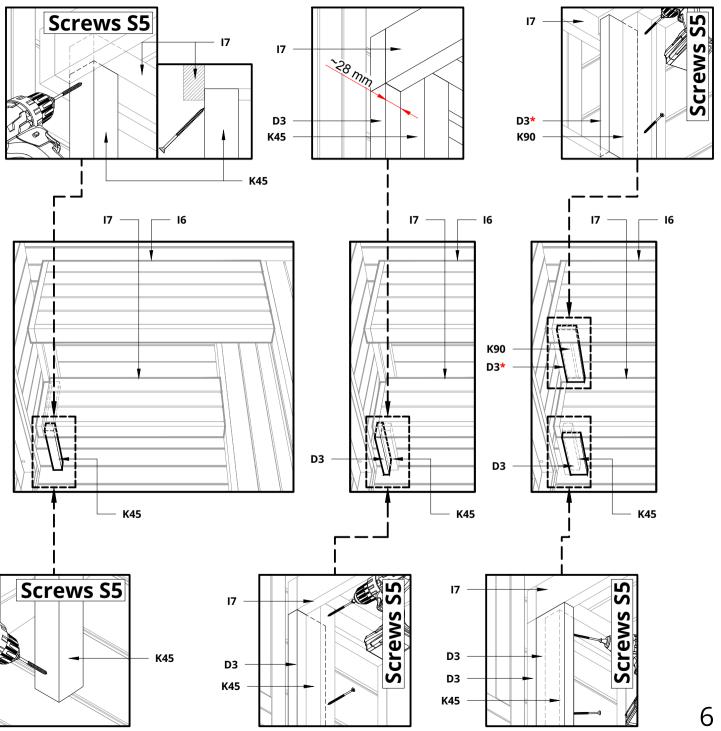


Please countersink the screw head(s)! The square wood K45 and cover boards D3 are longer, they must be cut to the correct size!

Install the bench leg K45 and the leg cover boards D3 and D4!

* If a bench skirt has been ordered, skip D3 installation and continue on the next page!





S5	Screws 4,5x60 for Spruce Screws 4,2x55 for Thermo	3
S7	Screws 4,5x80 for Spruce Screws 4,2x75 for Thermo	3

()



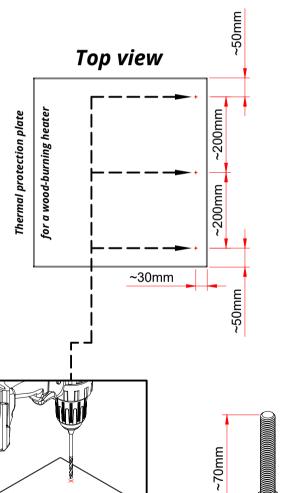
Thermal protection plate installation for a HUUM Hive Flow mini burning heater (only for SOLO or COMFY 2.4)

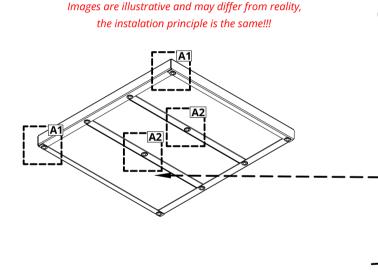
Drill Ø4.5 - 5 mm holes in the thermal protection plate! (The hole location measruments are shown in picture.)

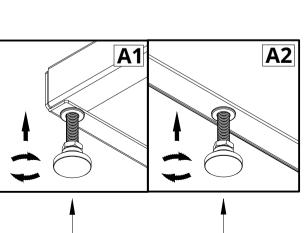
Screw the legs of the Thermal protection plate all the way in at the indicated locations!

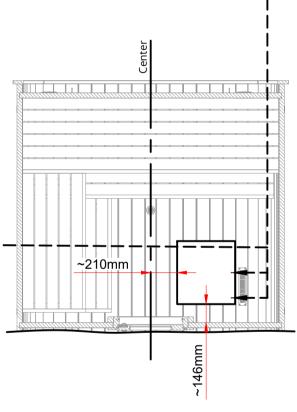
Install the Thermal protection plate and secure it with three screws. Do not tighten the screw too tightly. Leave some room for movement.

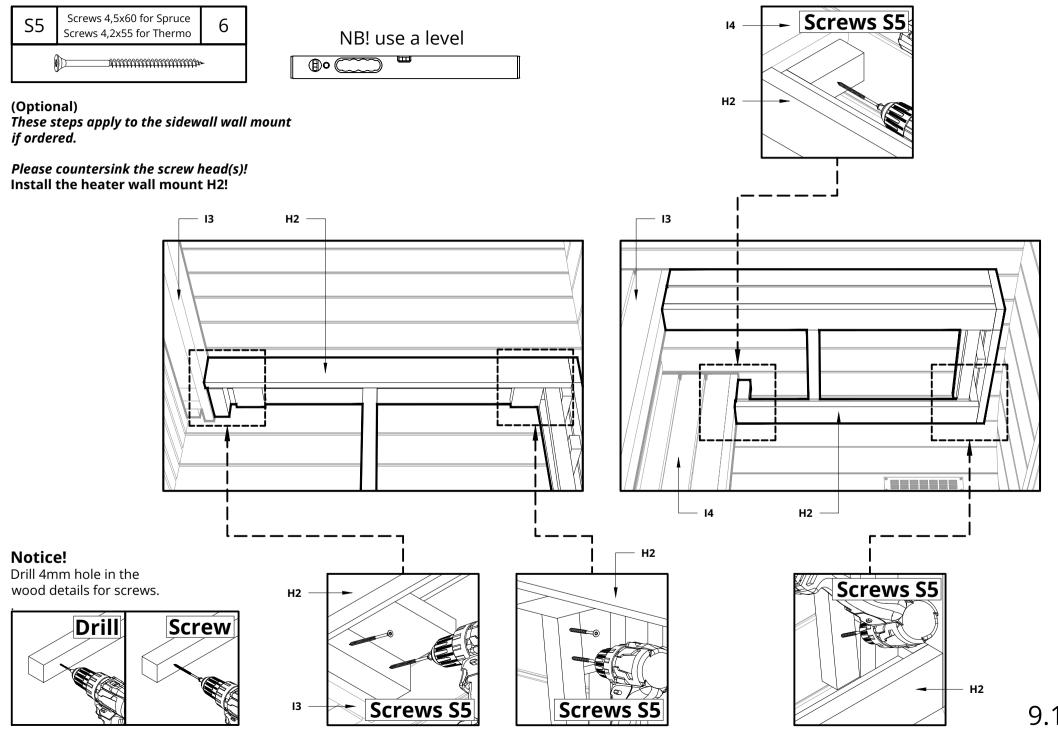
First adjust the outer legs to make the Thermal protection plate level and then adjust the middle ones against the floor.

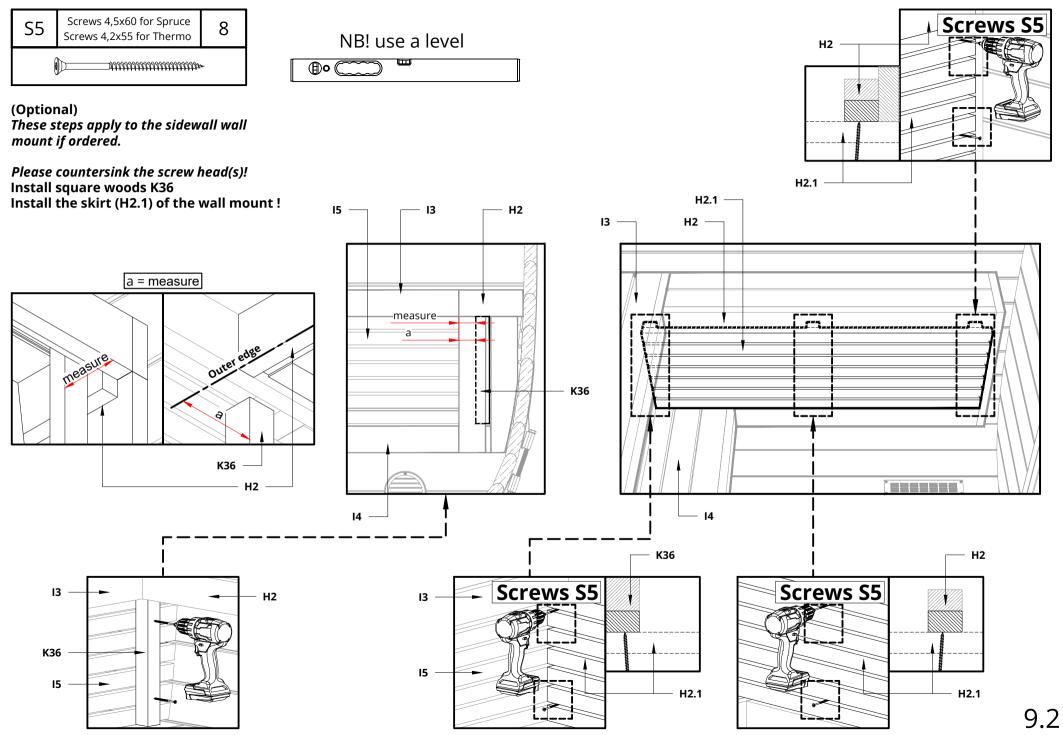


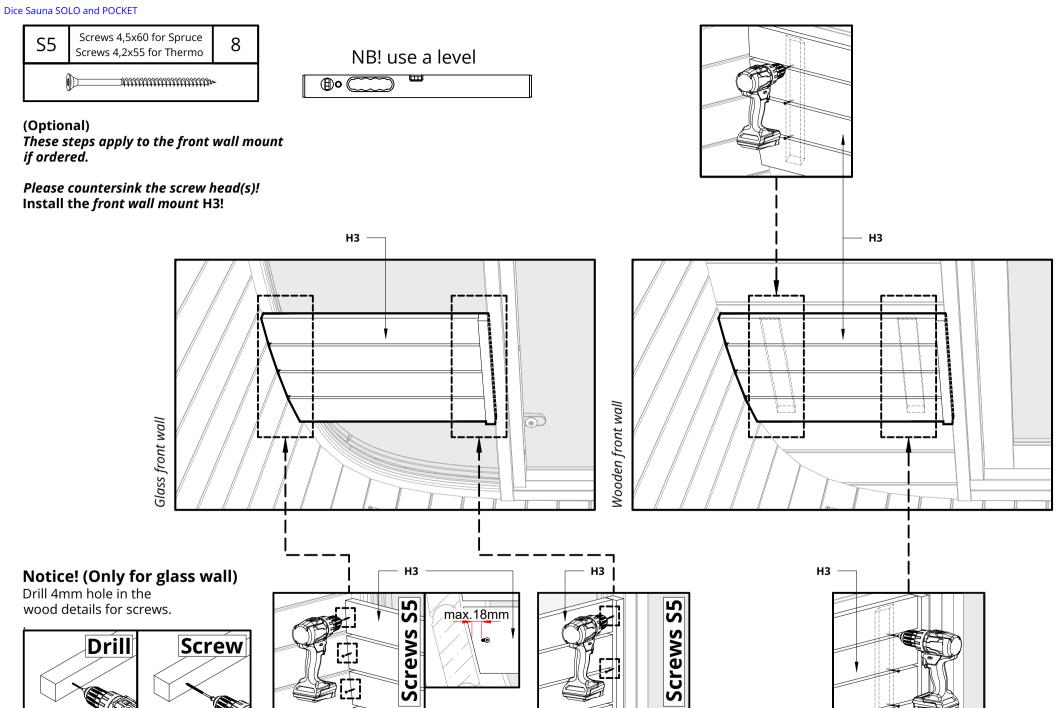












Place the floor mat F1!

