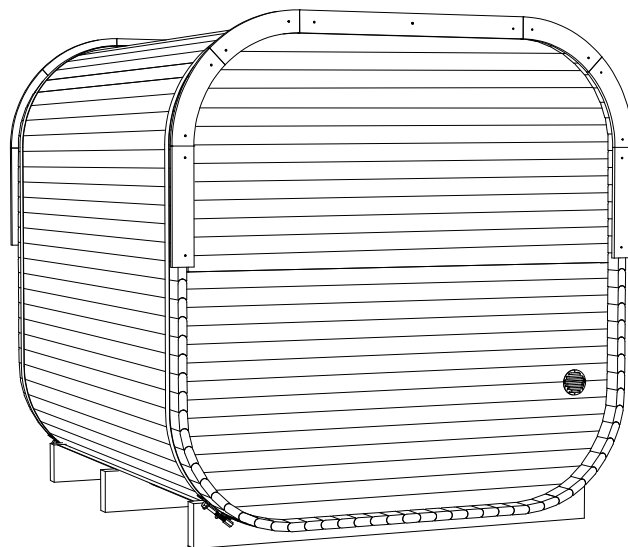
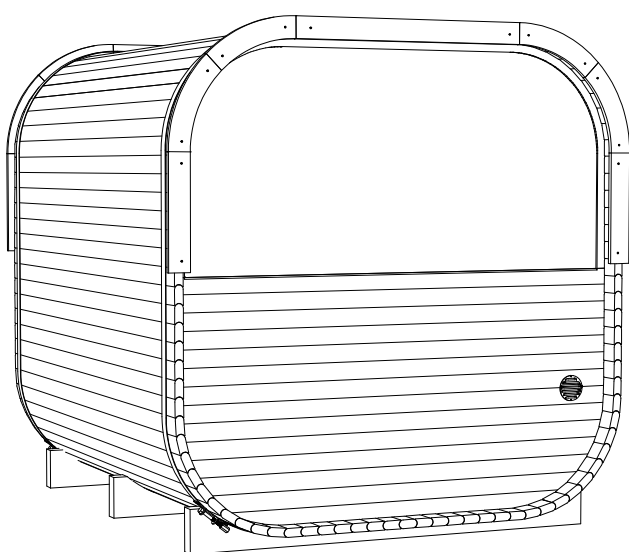
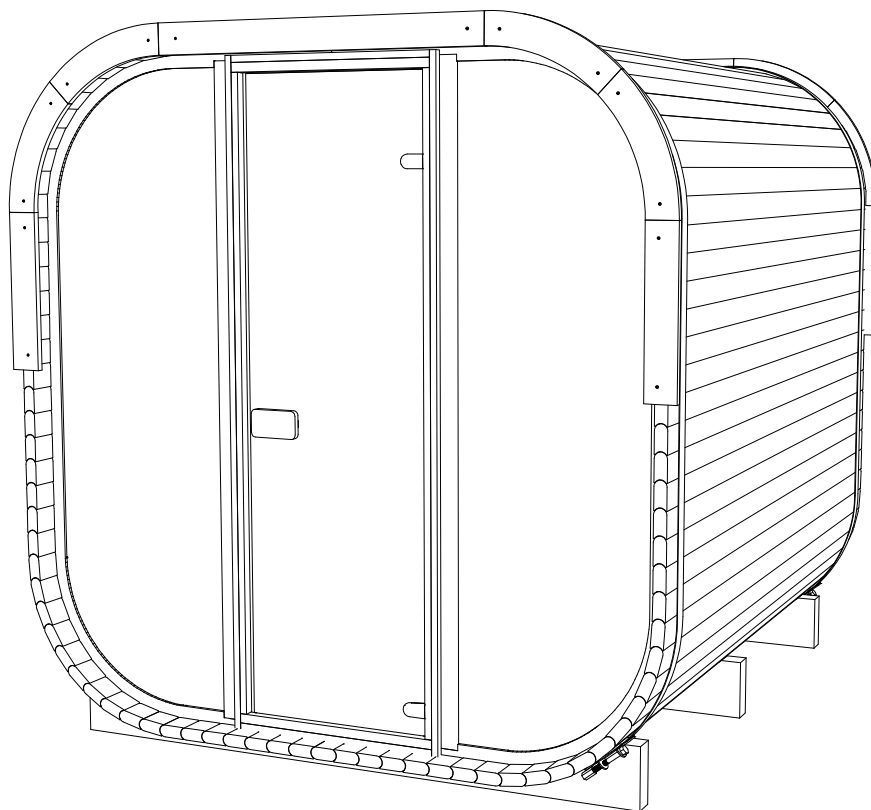


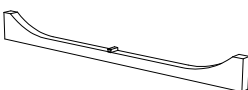
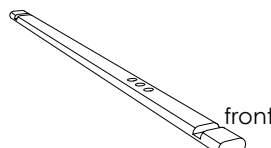
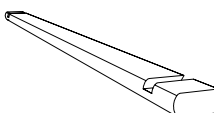
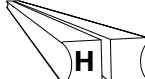
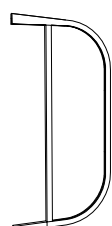
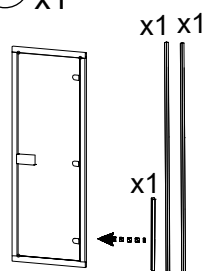
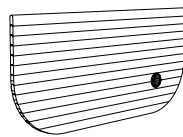
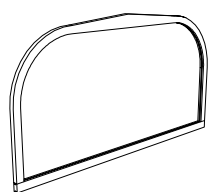
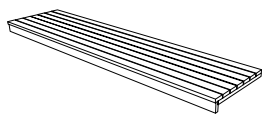
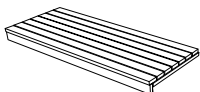
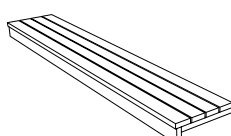
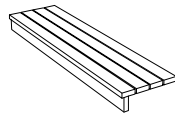
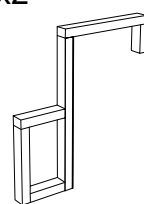
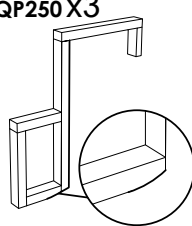
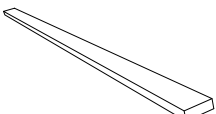
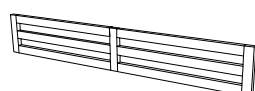
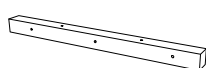
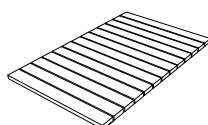
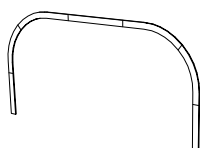
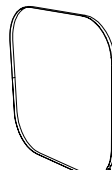
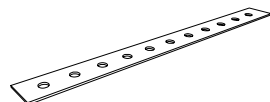
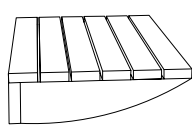
SQUARE SAUNA ASSEMBLY INSTRUCTIONS



MODEL: DIY SAUNA QP-250; QP-210; QP-160 Q-250; Q-210; Q-160

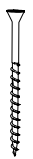
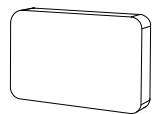
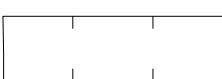
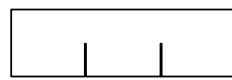
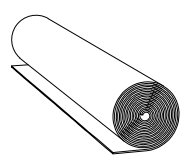
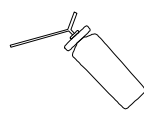
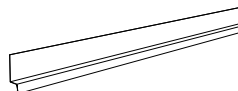
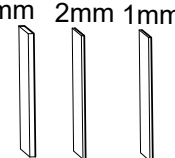
**Note: please read the manual
before construction**

PART LIST 1

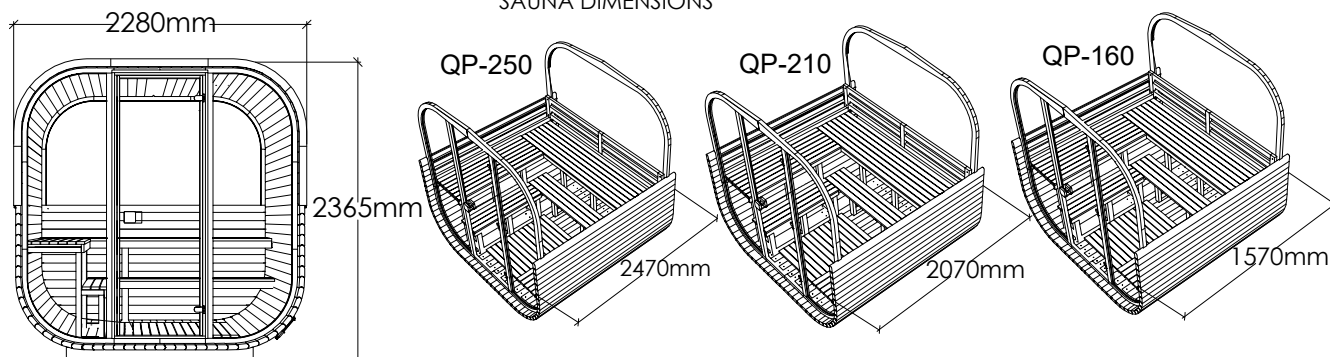
(A) QP250;QP210 X3 QP160 X2  cradle	(B) x1  center stave	(C) x100  body stave	(H1) x4  filling pieces	(H) x2  final H type stave
(F) x2  front window panel	(F2) x1  doors and door mouldings	(V) x1  bottom rear panel	(V1) x1 (V3) x1 optional  panel with panoramic window	(J) x1  sauna bench(long)
(J8) x1  sauna bench(short)	(J4) x1  sauna bench step(long)	(J5) x1  sauna bench step(short)	(J6) x2  bench leg	(J6) QP160 QP210 X2 QP250 X3  bench leg(angled)
(J7) x3  short bench backrest stave	(J2) x1  long bench backrest	(J3) x2  bench support	(L) QP160; QP210 X1 QP250 X2  sauna floor	(W) x14  decorative roof finishing boards
(O) x1  ceiling board	(I) QP160;QP210 X2 QP250 X3  metal band	(D) x1  metal bracket	(M) x1  platform for wood heater	(S1) x70  screw 5x100ss*

*SS -Stainless steel

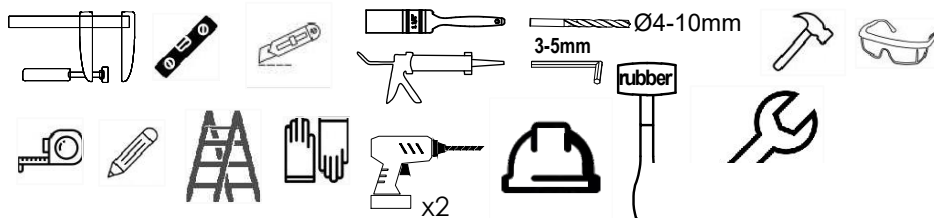
PART LIST 2

S4 x4  screw 5x120	S6 x40  screw 5x70ss*	S7 x30  screw 4.2x55	S9 x2  bolt Ø12x140	x2  hexnut M12(SW19)	x4  flat washer
S10 x165  screw 4x60	S11 x38  screw 4x40ss*	S12 x10  screw 4x30	S14 x10  screw 5x80	N x2  door handle	
Y x1  rubber seal for panels	Y1 x1  ventilation grill	P5 x1  roof shingle ridge eaves	P1 x4  roof shingles	P2 x1  underlay for roof shingles	
	x3  screw 3x25 brown				
P7 x1  construction foam	P4 x1  bitumen roof mastic	P8 x2  metal cornice	x2  wood pin	5mm 2mm 1mm  door box spacers	

SAUNA DIMENSIONS



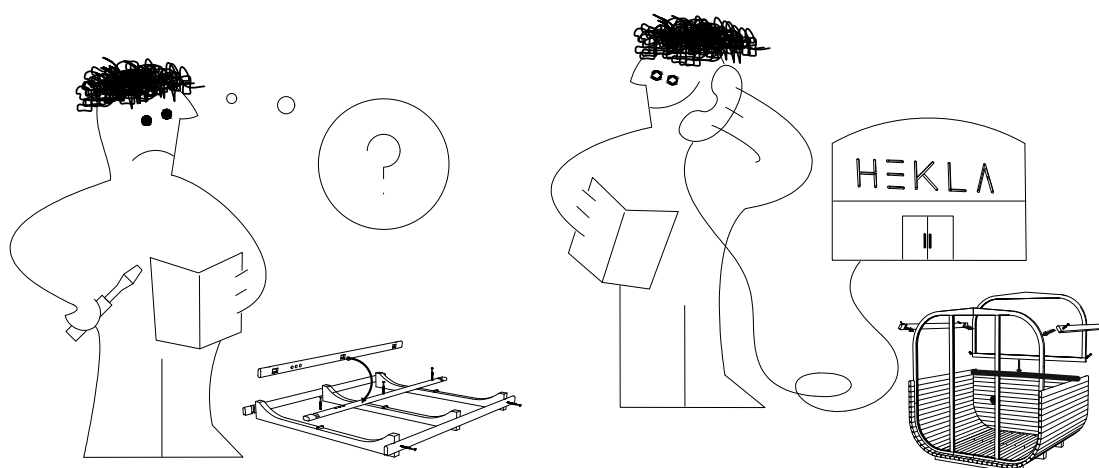
TOOLS REQUIRED



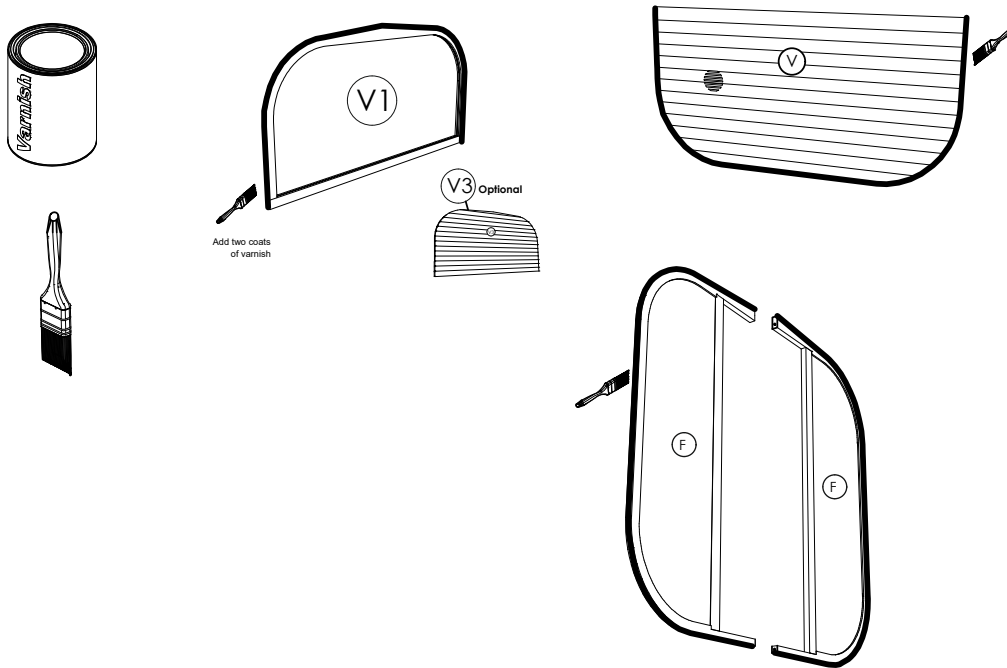
*SS -Stainless steel

RECOMENDATION

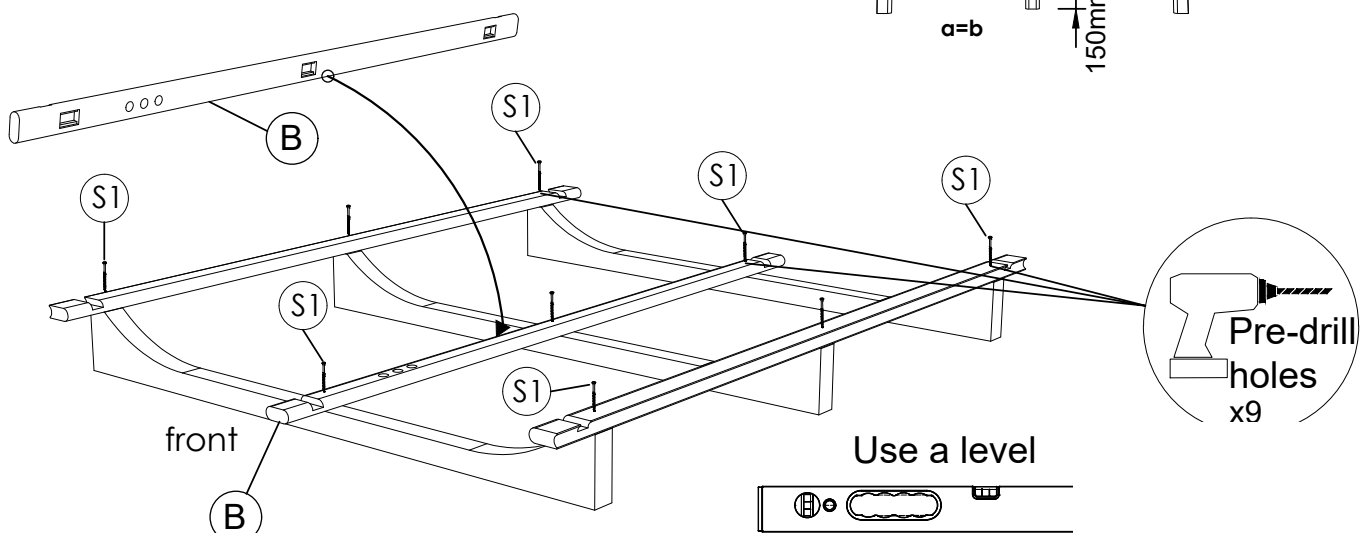
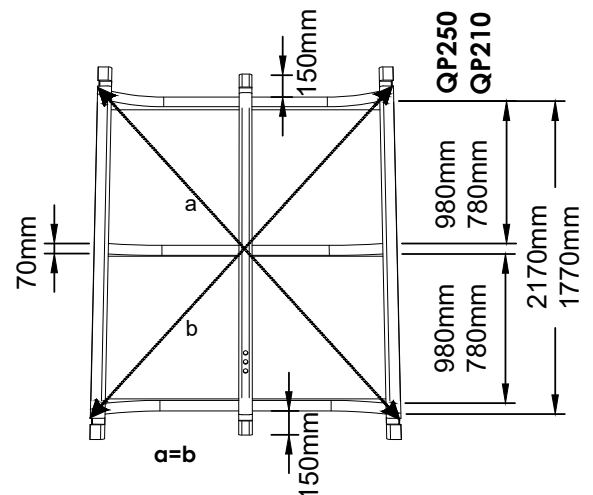
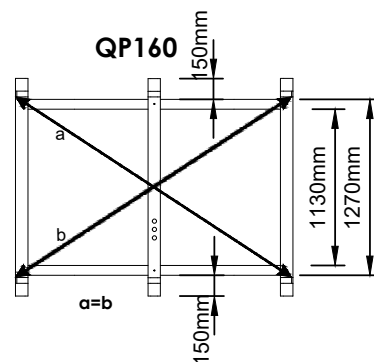
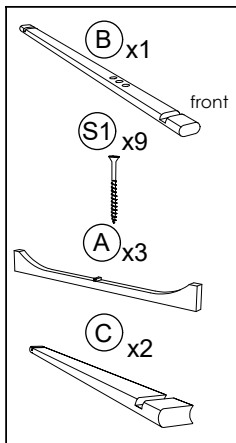
1. It is recommended to install the sauna above ground level to prevent the base legs of the sauna from coming into direct contact with the ground.
2. Make sure that the surface on which you install the sauna is level and stable before and after installing the sauna. Otherwise, the doors of the sauna may not open and close properly later on.
3. 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 odor when first heated. Read more from the user manual for the sauna stove.
4. The maximum permitted temperature in the steam room is +90 °C. If heated to a higher temperature, the sauna may become overheated.
5. In order to avoid damage caused by the weight of snow in winter, any snow should be removed from the roof. Keep in mind that the roof covering should not be damaged during snow removal.



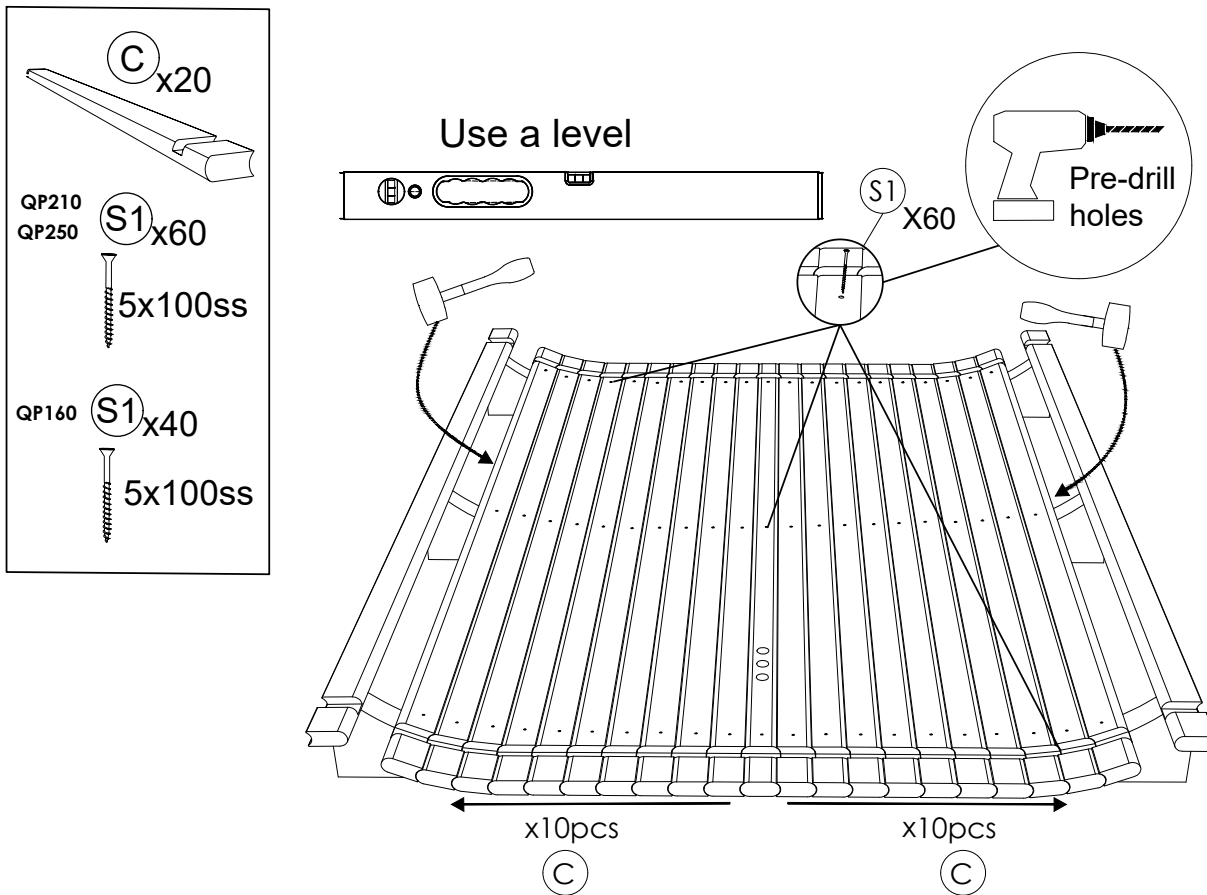
Before start to build the sauna, first apply two coats of wood varnish to the sides of each panel



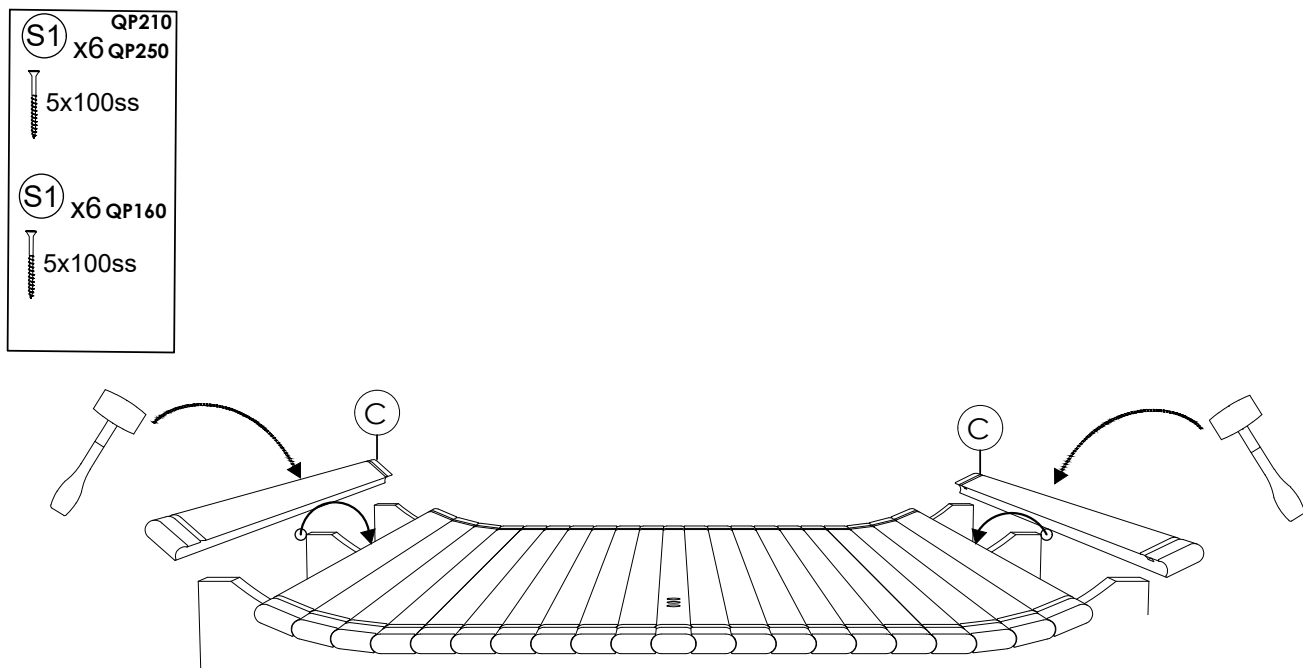
STEP 1: Place cradles on prepared surface. The base for sauna cradles must be leveled and sturdy. Measure diagonally from corner to corner. Measurements "a" and "b" should be equal. The distance between cradles is even on both sides. Fix staves on both sides of the cradles to prevent any change in measurements. Check levels again. Pre-drill holes before fix staves with screws. Fix the center stave (B) in the middle of the cradles. Leave the stave 150mm over the cradle on both sides.



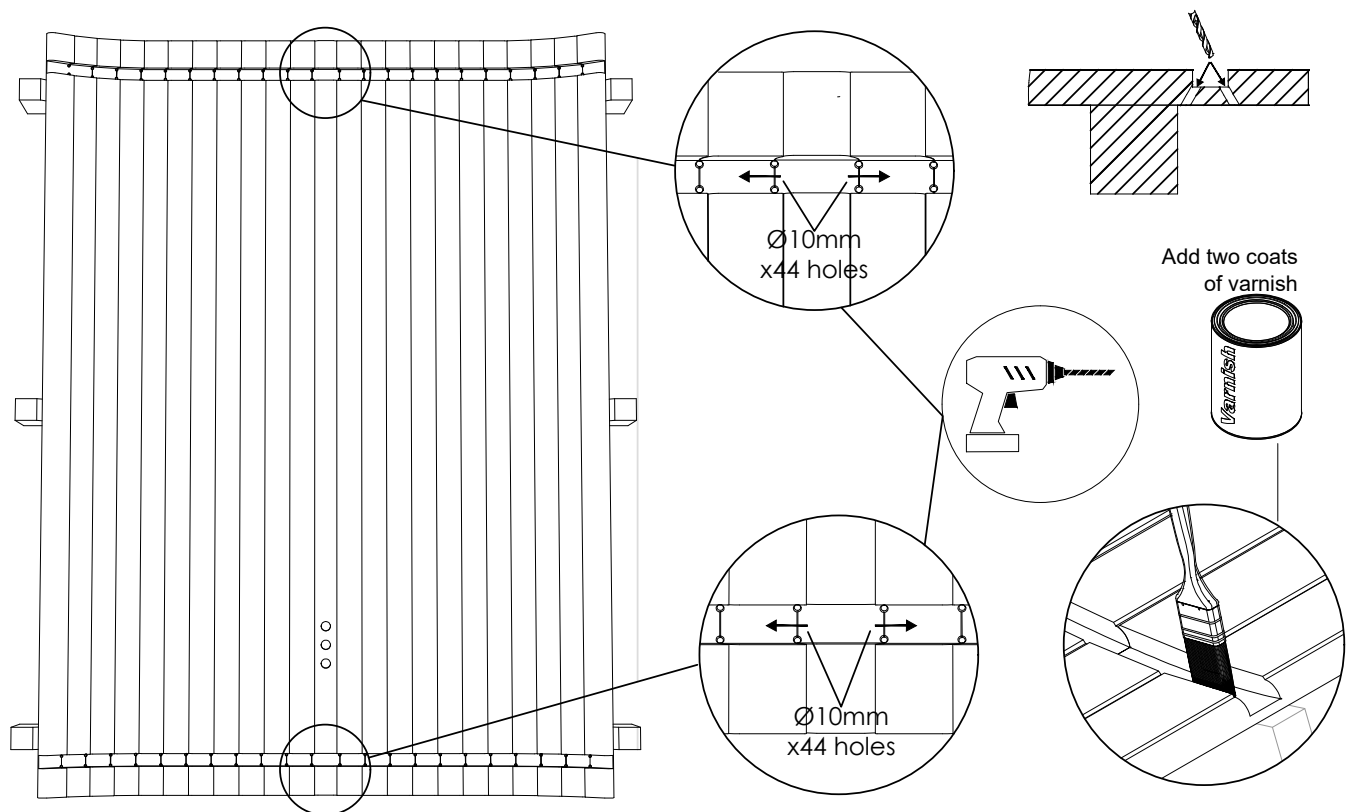
STEP 2: Fix 10 staves (C) to each side from the center stave. Pre-drill holes for screws. Check level while installing staves and use rubber hammer for tighter placement.



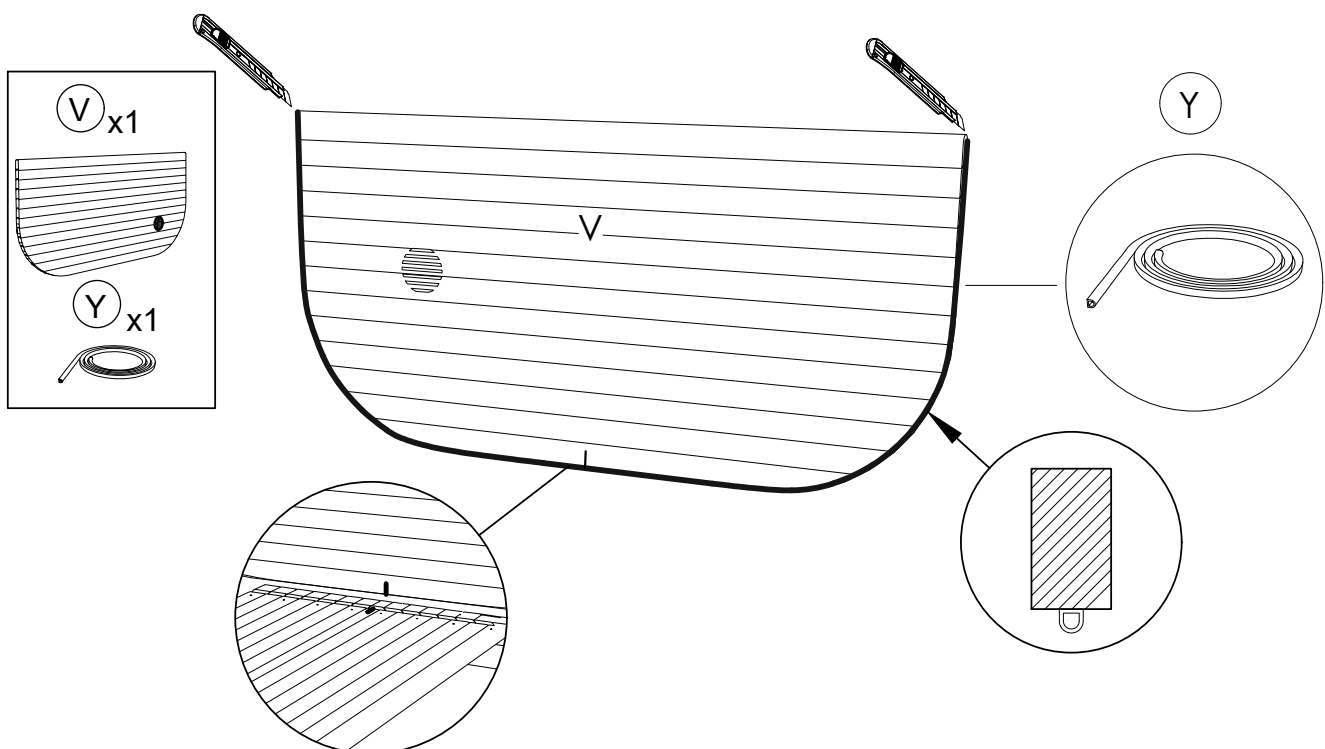
STEP 3: After 10 staves are fixed, take off staves (C) from both sides of the cradles and fix them next to the 10th stave on both sides using (S1) screws. Use rubber hammer for tighter placement.



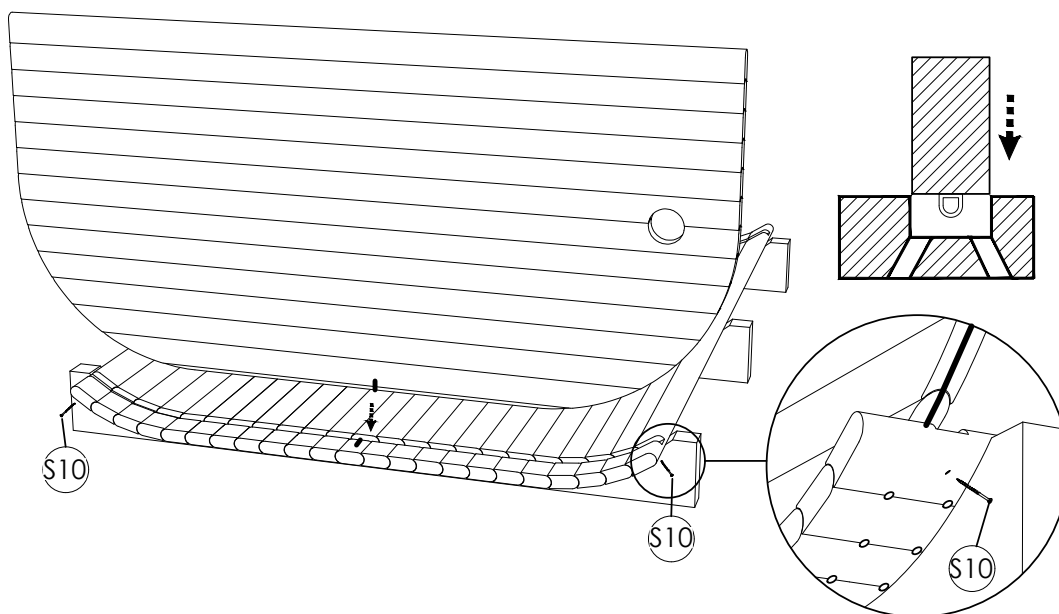
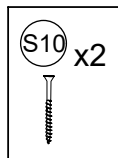
STEP 4: Drill forty-four 10mm holes in front and back wall groove to the both sides in board connections as shown in the picture. Drill them in $\approx 30^\circ$ angle. This will help drain excess water faster. Clean the groove from wood waste and other dirt! Cover the grooves with varnish.



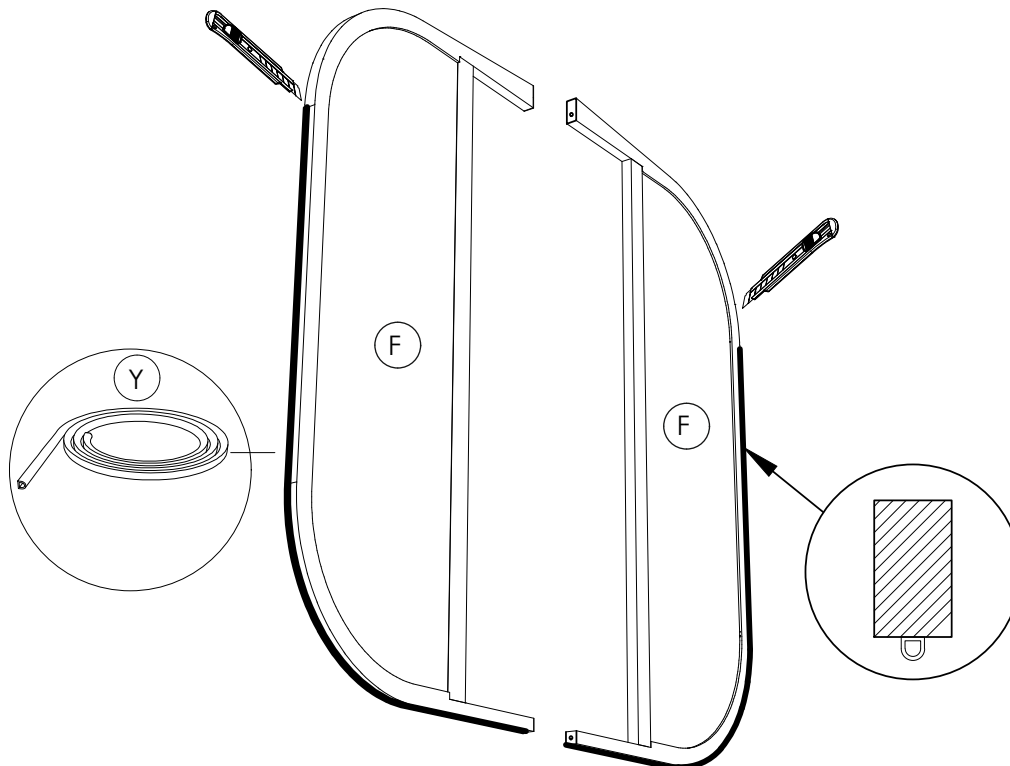
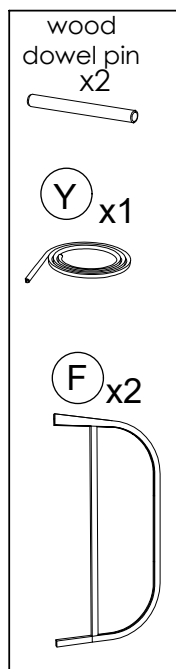
STEP 5: Attach rubber seal on the middle of the rear panel side edge and cut it at the end of the panel top. At the bottom of the rear panel (V), draw a line where the centre of the panel is. Do the same on the centre stave of the floor, where the panel will be sitting.



STEP 6: Place rear bottom panel (V) in the board groove. Check that the panel is level. Secure panel with screws (S10) at the both corners through the stave.



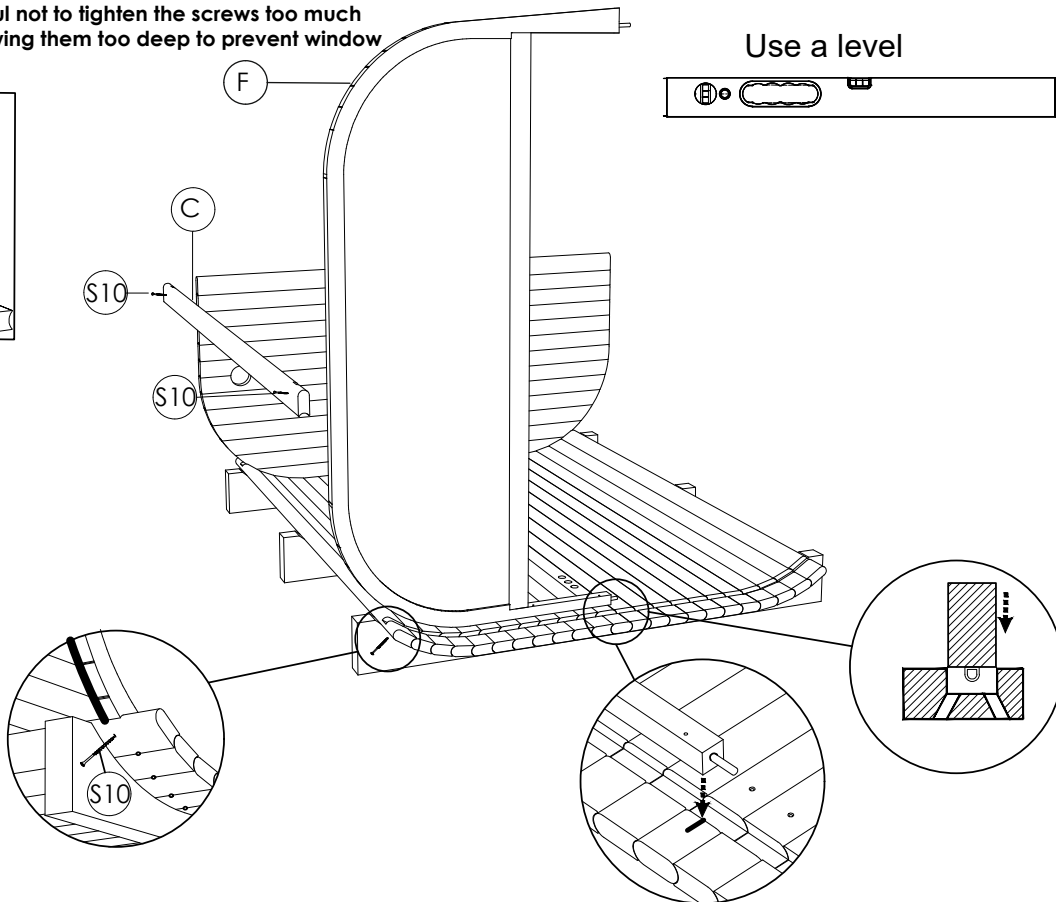
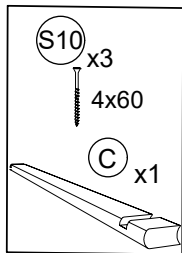
STEP 7: Attach rubber seal on the middle of the side edge for front panels (F) and cut it at the start of the corner. Insert wood pin in both holes of the front panel top and bottom.



STEP 8: Draw a mark on the center stave where the middle is. Take one of the panels (F) and put it directly next to the middle line. Take one stave to connect both panels, front and back, using screws(S10). Fix it with screw(S10)at the side of the corner through stave. Make sure it's level.

WARNING !

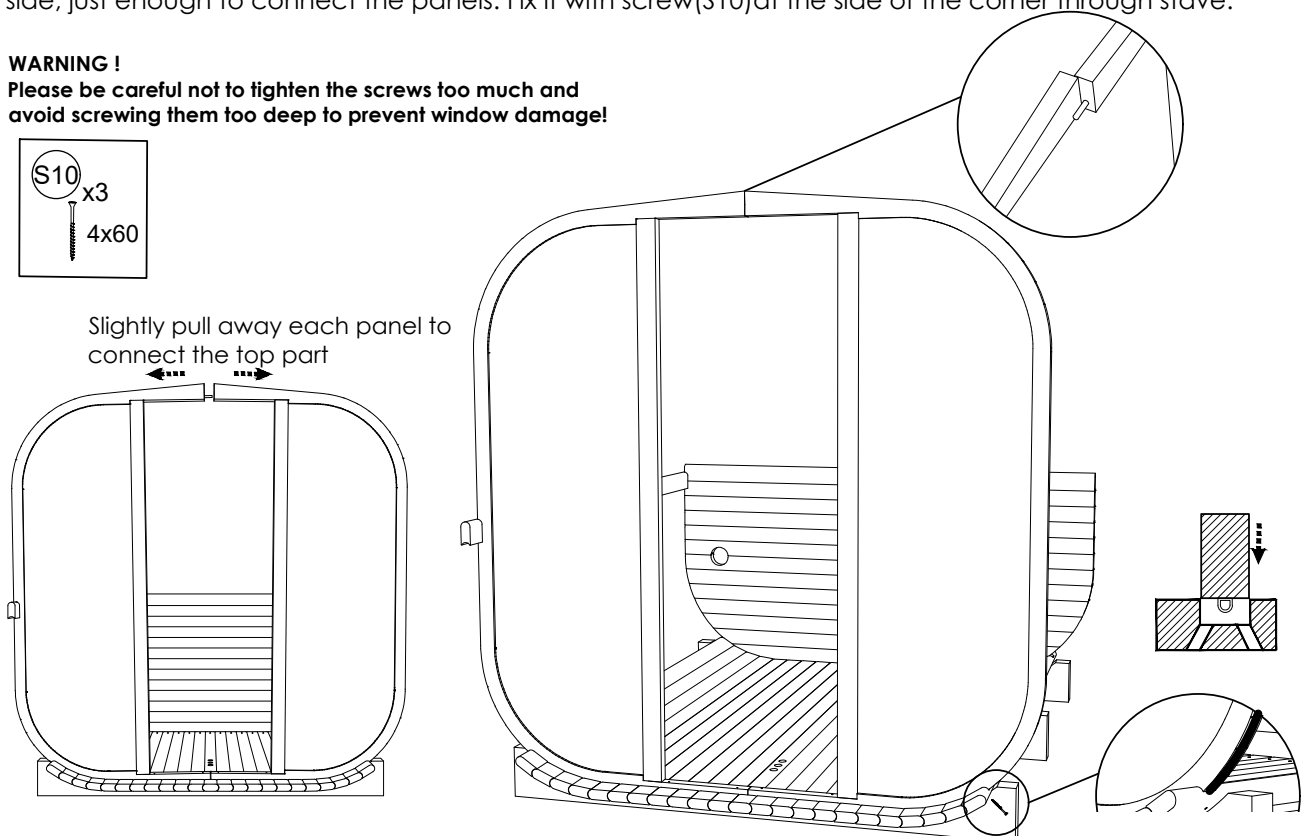
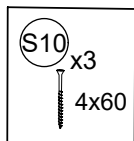
Please be careful not to tighten the screws too much and avoid screwing them too deep to prevent window damage!



STEP 9: Place the second front panel (F). Slid it together at the bottom, where the wood dowel is. The top part goes next to the wood dowel. Hold the panel. Then both take each panel and slightly pull away top part to side, just enough to connect the panels. Fix it with screw(S10)at the side of the corner through stave.

WARNING !

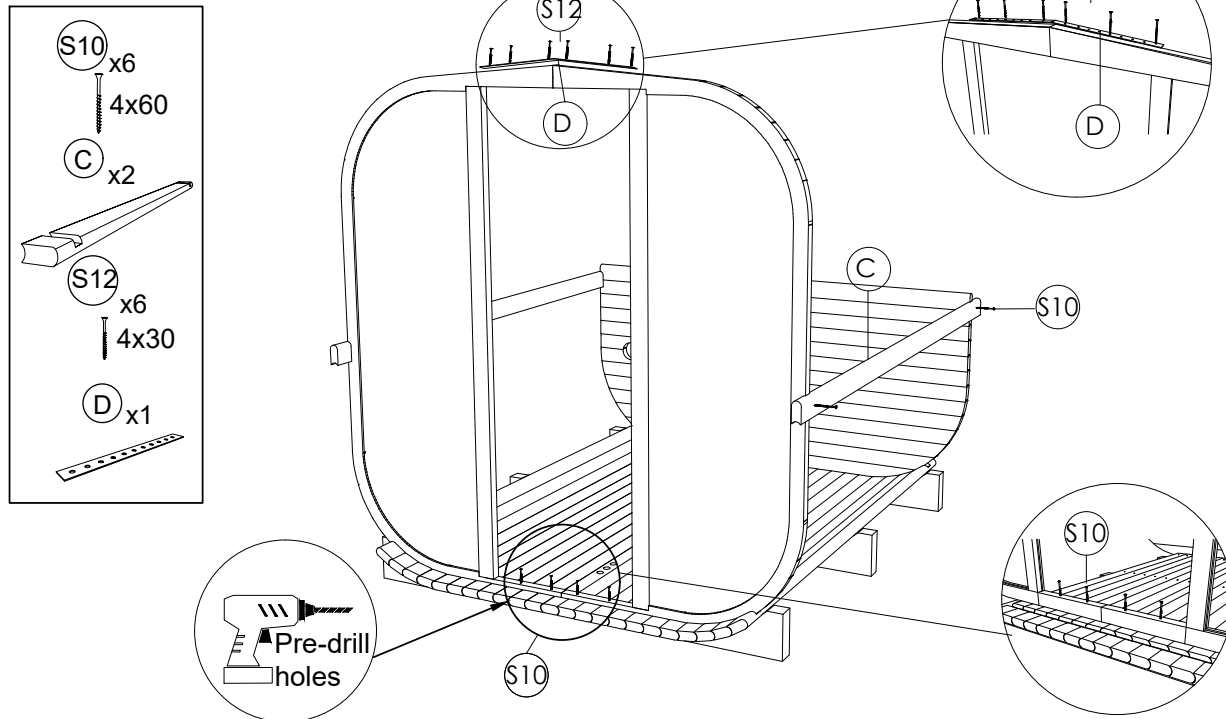
Please be careful not to tighten the screws too much and avoid screwing them too deep to prevent window damage!



STEP 10: Take one stave (C) to connect panel, front and back, using screws (S10). Pre-drill holes in the panel threshold then fix it with two screws (S10) evenly spaced and not too close to the sides. Make sure they are level. Use metal bracket (D) on top of the front panels to fix them together with screws (S12).

WARNING !

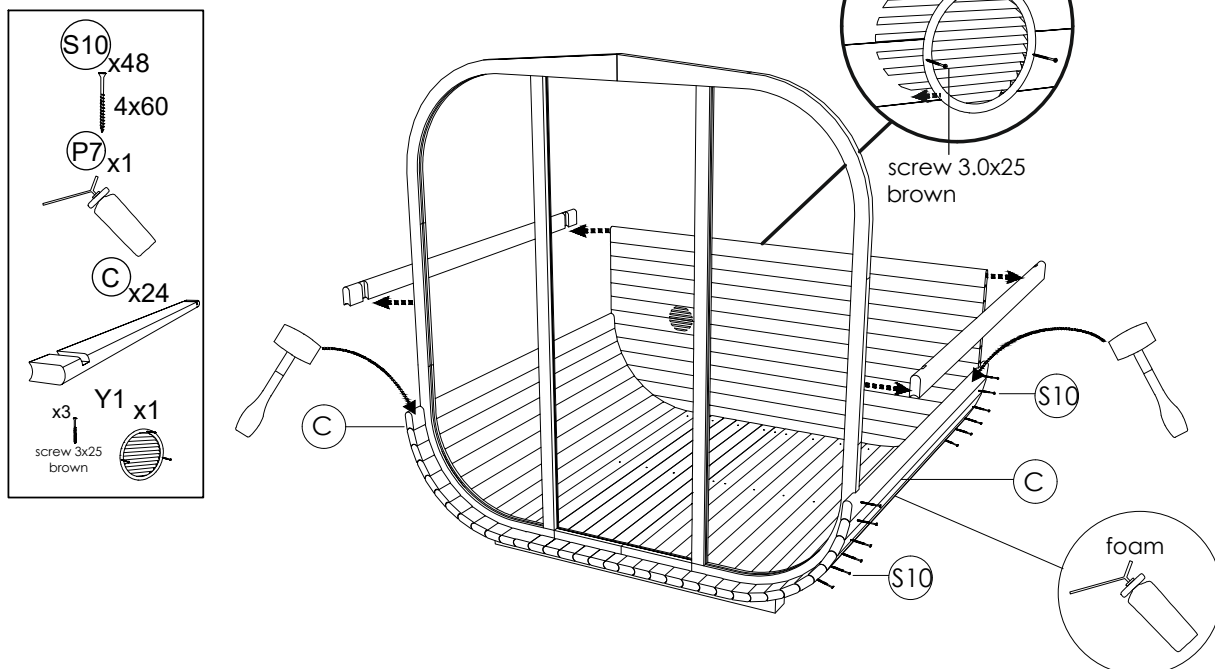
Please be careful not to tighten the screws too much and avoid screwing them too deep to prevent window damage!



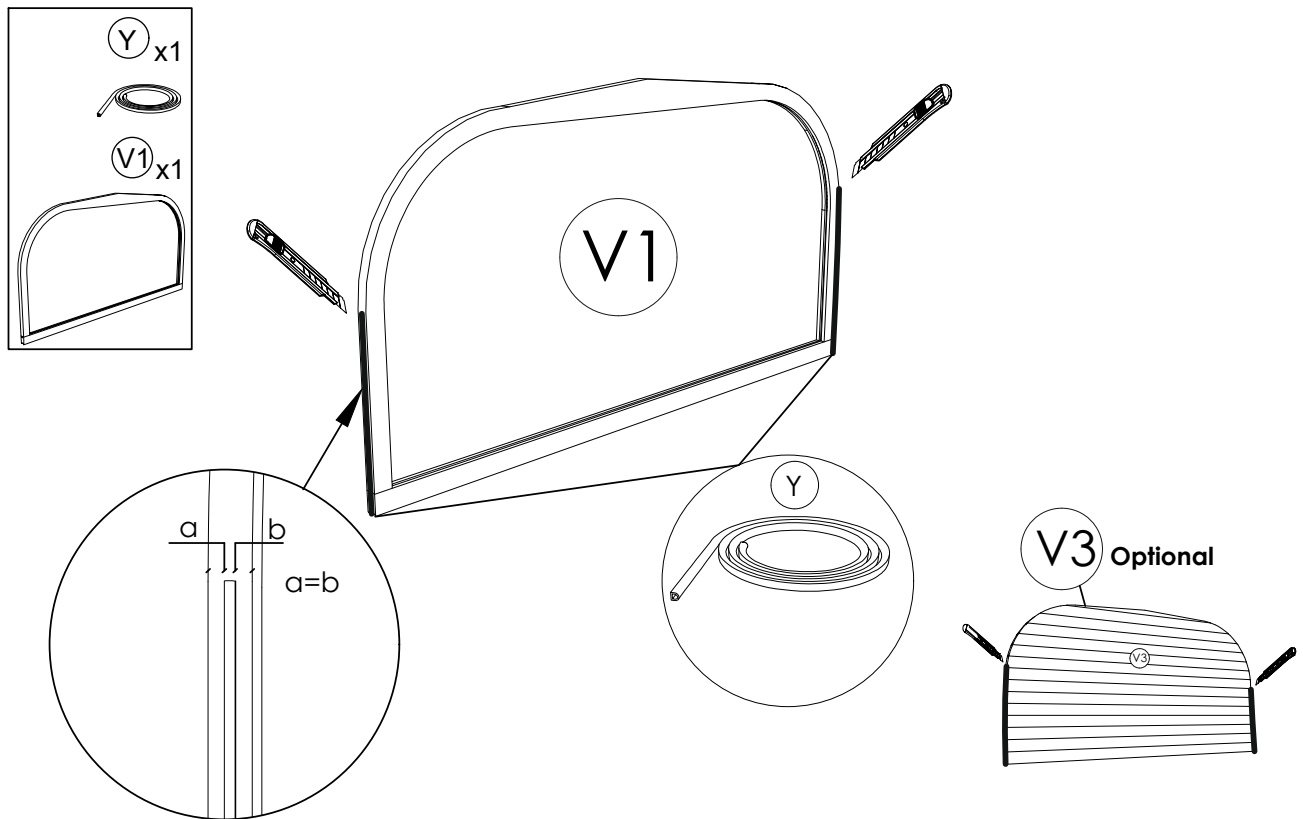
STEP 11: Start fixing staves (C) on both sides with screws (S10). Use rubber hammer for tighter placement. Use foam between every stave. When both corners are done, take of connecting staves. Keep fixing staves till reach top of the rear panel (V). Fix ventilation grill from outside on ventilation cuts.

WARNING !

Please be careful not to tighten the screws too much and avoid screwing them too deep to prevent window damage!



STEP 12: Attach rubber seal on both sides middle part and cut it at the start of the corner. Rubber seal must align with the bottom panel's rubber seal.

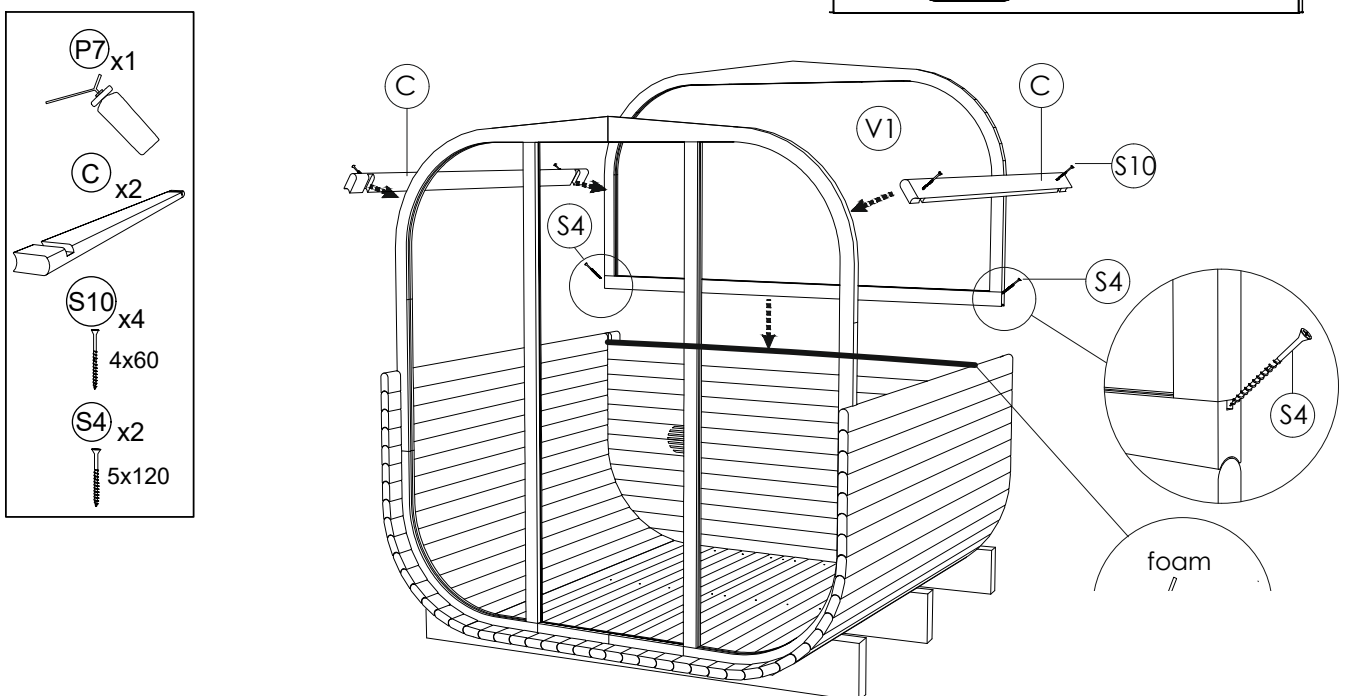
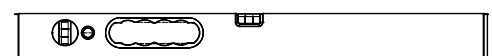


STEP 13: Install the panoramic panel (V1) with caution. Use foam between panels for better insulation. Place it on top of the lower back panel (V). Check level and that side edges are aligned with bottom panel. One keeps holding the panel, and the other is fixing the side stave on a curve using screws (S10). Secure the panel (V1) with screws at the both corners using two screws (S4).

WARNING !

Please be careful not to tighten the screws too much and avoid screwing them too deep to prevent window damage!

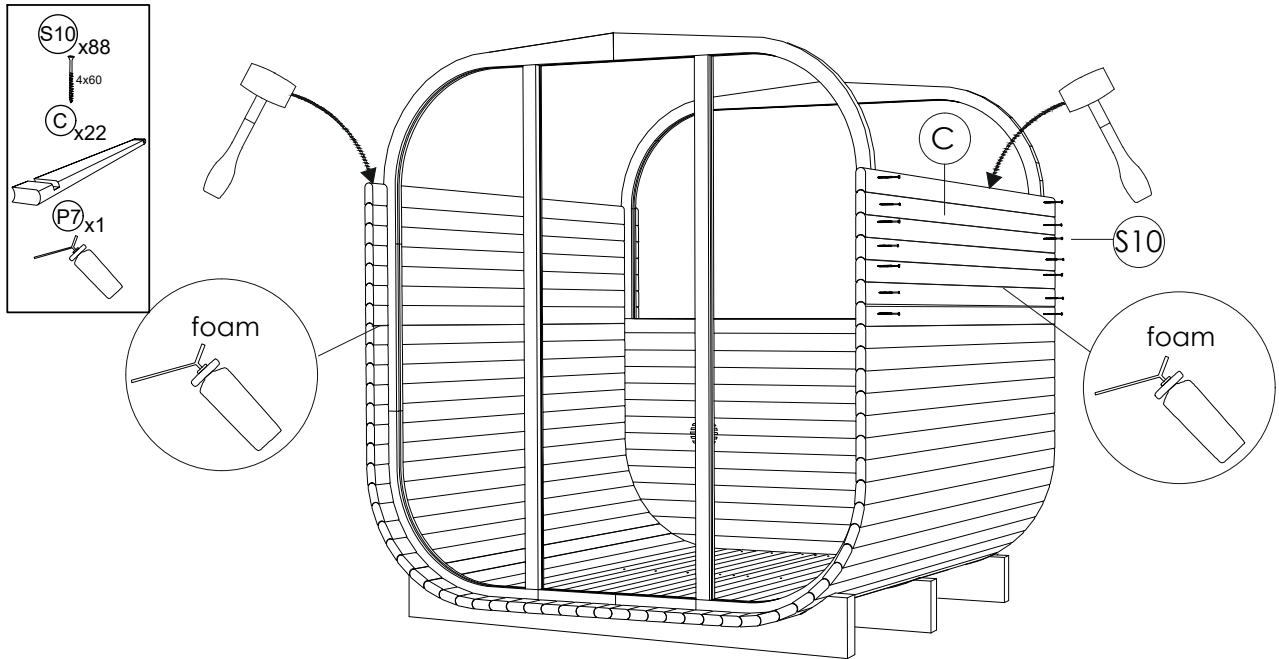
Use a level



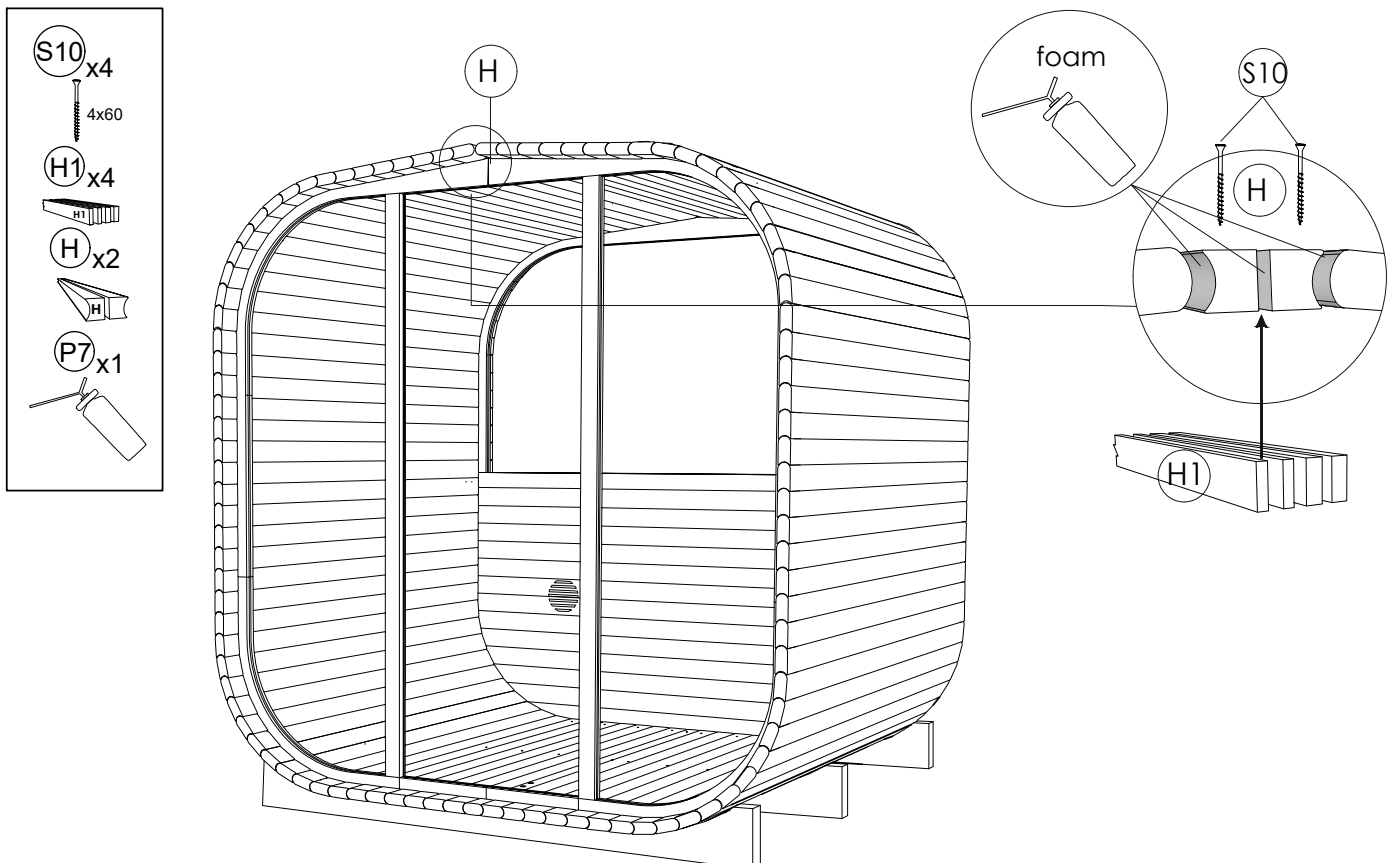
STEP 14: Fix the rest of the staves (C) using (S10) screws up to the middle of the roof. Use foam between every stave. Use a rubber hammer for tighter placement.

WARNING !

Please be careful not to tighten the screws too much and avoid screwing them too deep to prevent window damage!



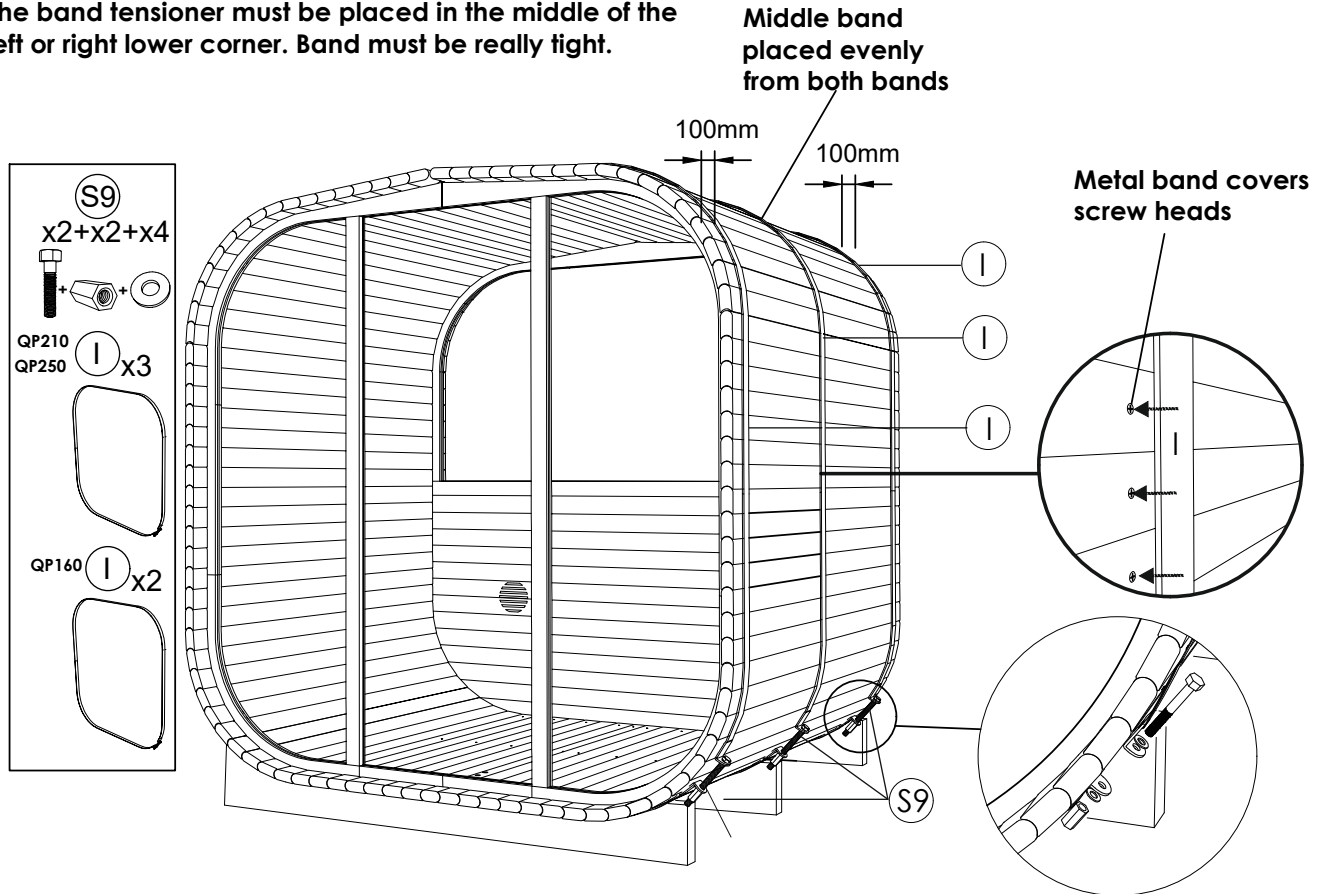
STEP 15: Finish roof with the final staves (H). If needed, use thinner staves (H1) to fill the gap between (H) staves and apply foam between staves. Make sure that centre of the roof is tightly filled, then fix with screws (S10).



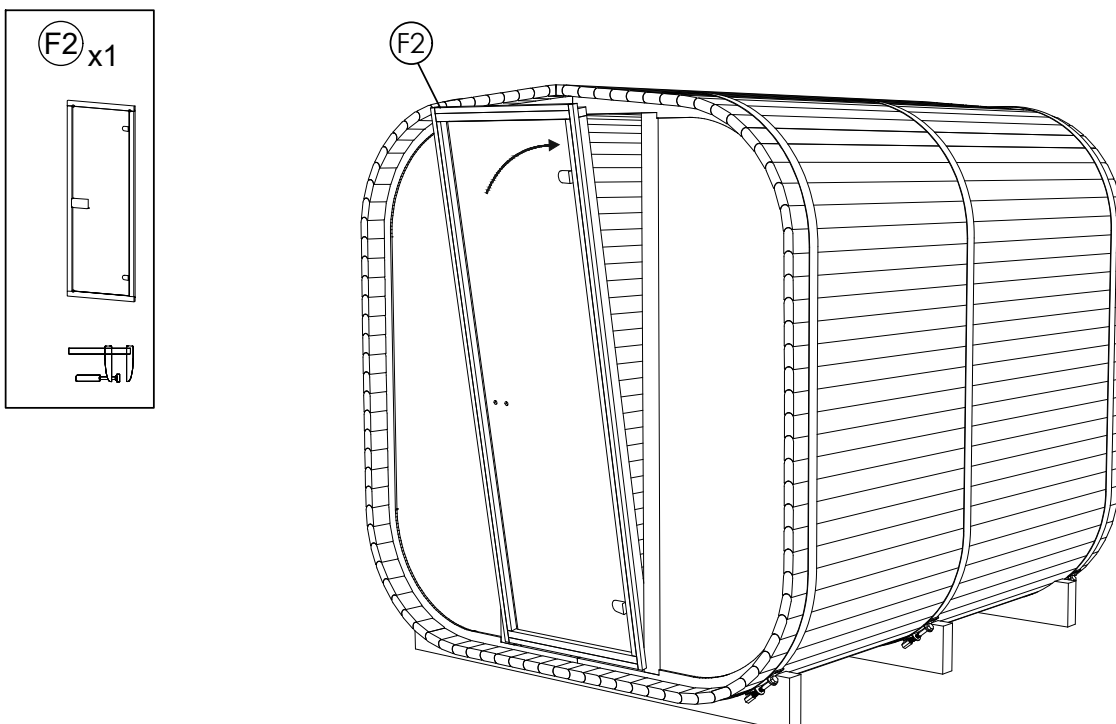
STEP 16: Install metal bands over the screw heads. **Band tensioner (S9) must be placed at the saunas lower corner as shown in picture**, then tighten the screws. Check the bands align evenly all round the sauna 100mm from both sides. Check that bands don't cover drilled holes at the bottom of the sauna . Keep tightening bands till it starts to feel hard, bands can't be loose. Re-tighten the bands after a few days.

WARNING!

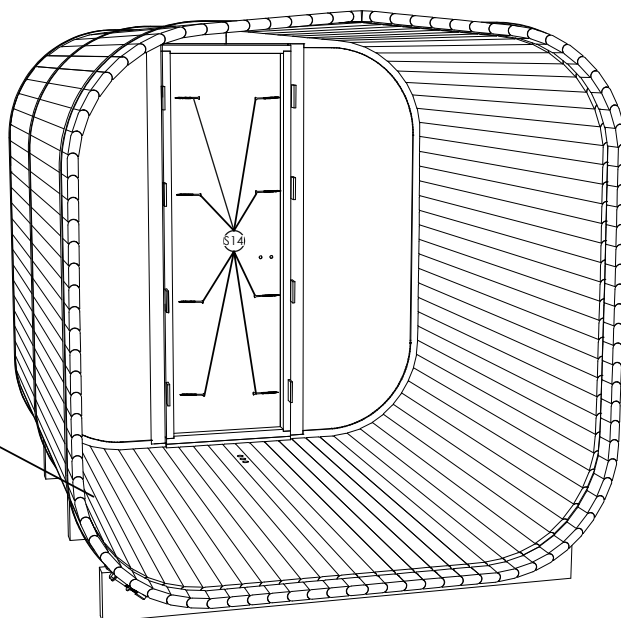
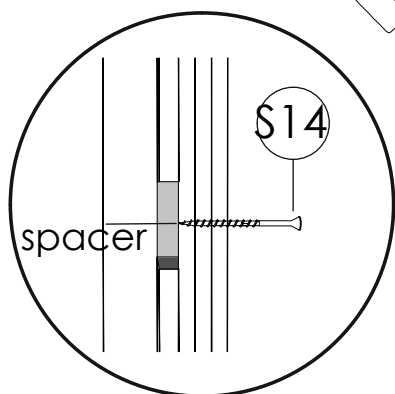
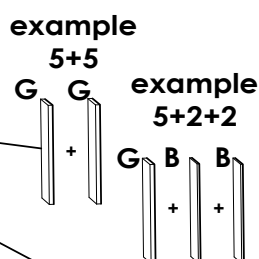
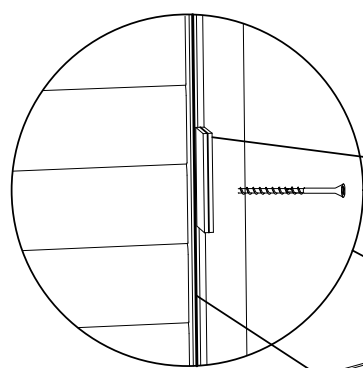
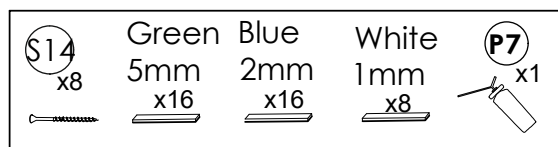
The band tensioner must be placed in the middle of the left or right lower corner. Band must be really tight.



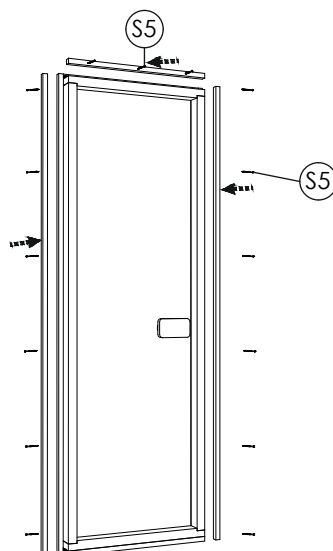
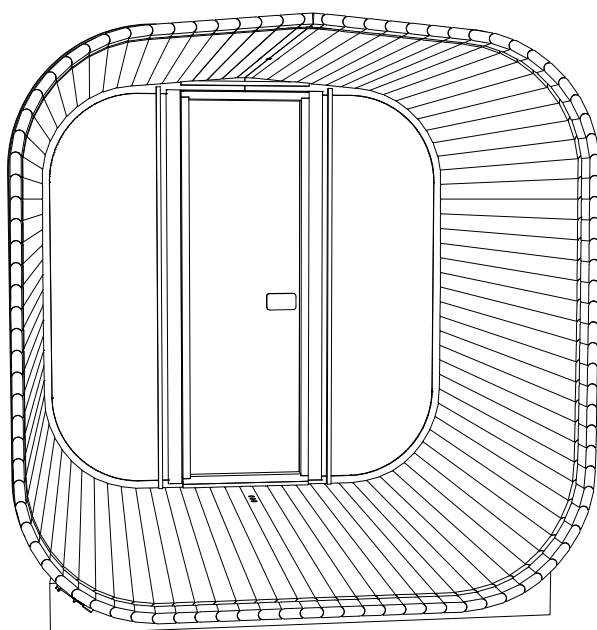
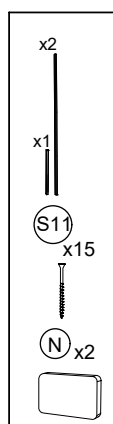
STEP 17: Install the doors (F2). Put the doors on threshold and lay in frame about in the middle. Fix doors with clamps or another person should hold the door.



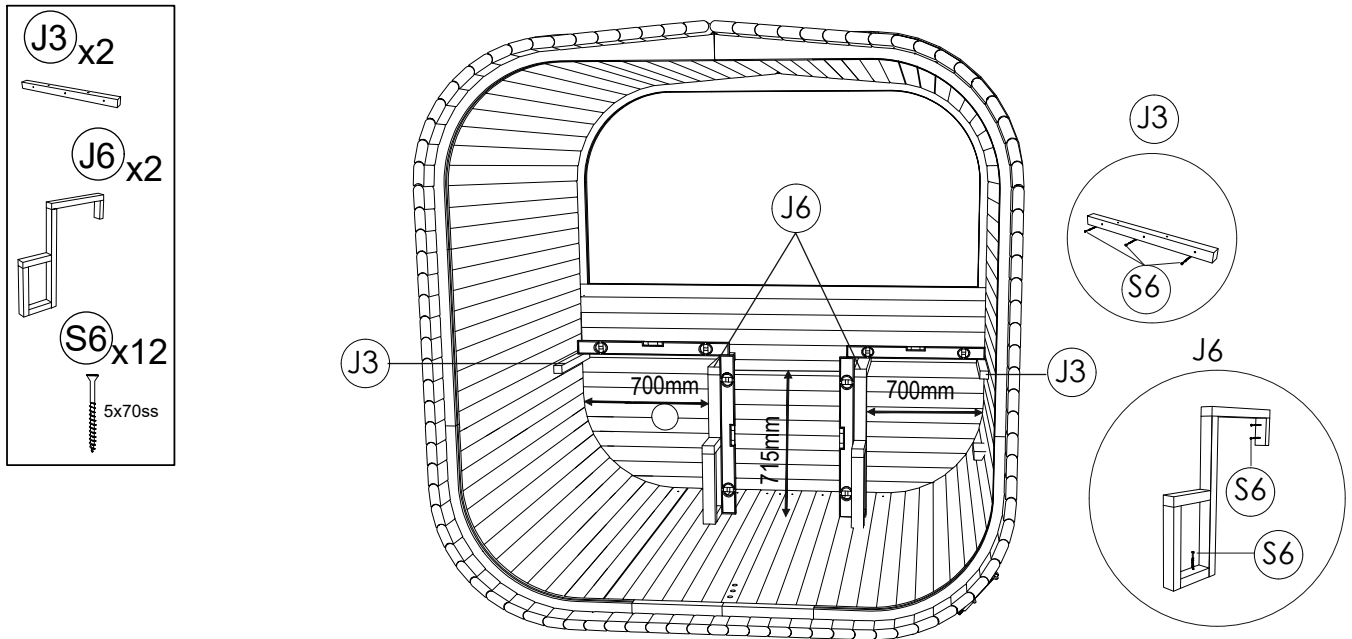
STEP 18: Put plastic spacers in the gap between the door box and the front panel where the screws go. Combine spacers for best width. First, fix one side of the door box with screws (S14) through spacers. Then put spacers in other side. Combine spacers for necessary width. Spacers must fit tightly, they can't slip down before door is fixed with screws. Use screws (S14) to fix doors. Check door box, both sides should be straight, they must not be bent inwards or outwards. Use foam around door box. Don't clean up the foam until it's dried out. The excess amount will come off easily if you don't touch it while it's wet.



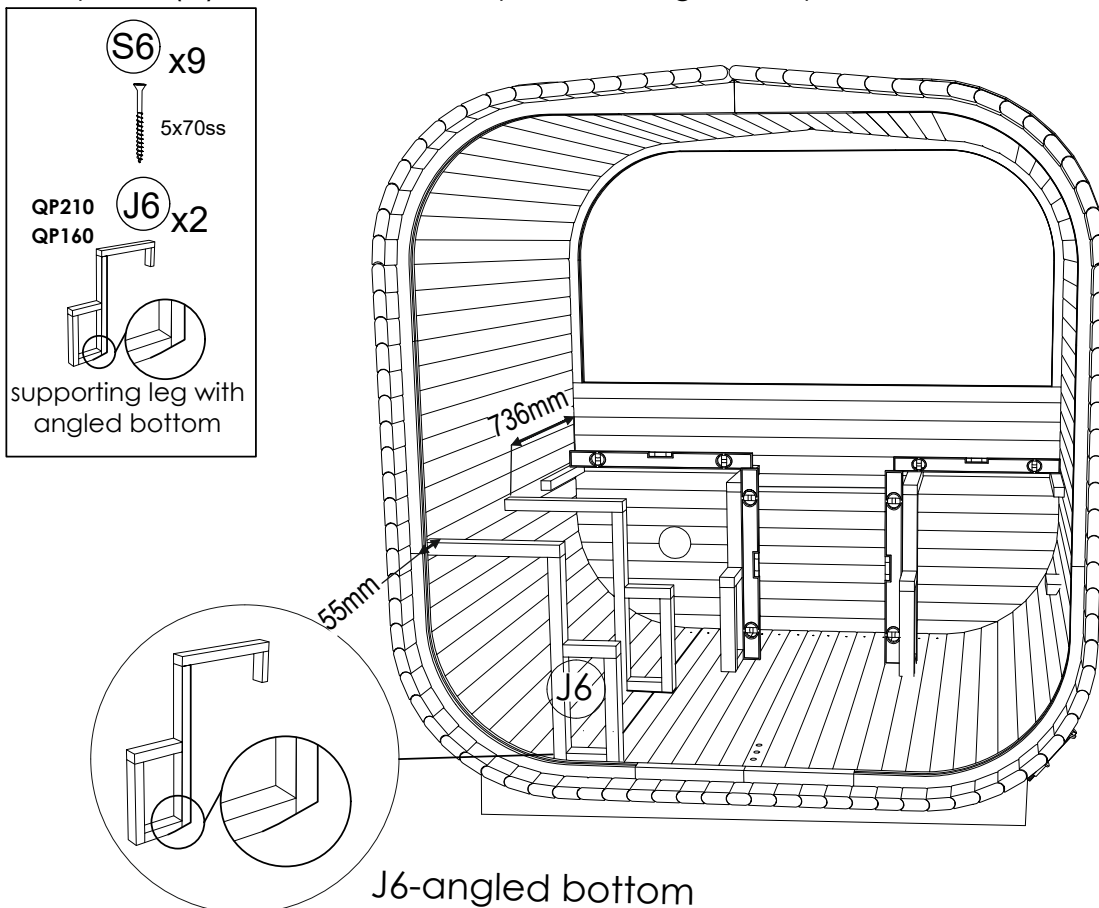
STEP 19: Fix door moldings to both sides and on top of the door with S5 screws. Install door handle, if necessary see additional handle installation page.



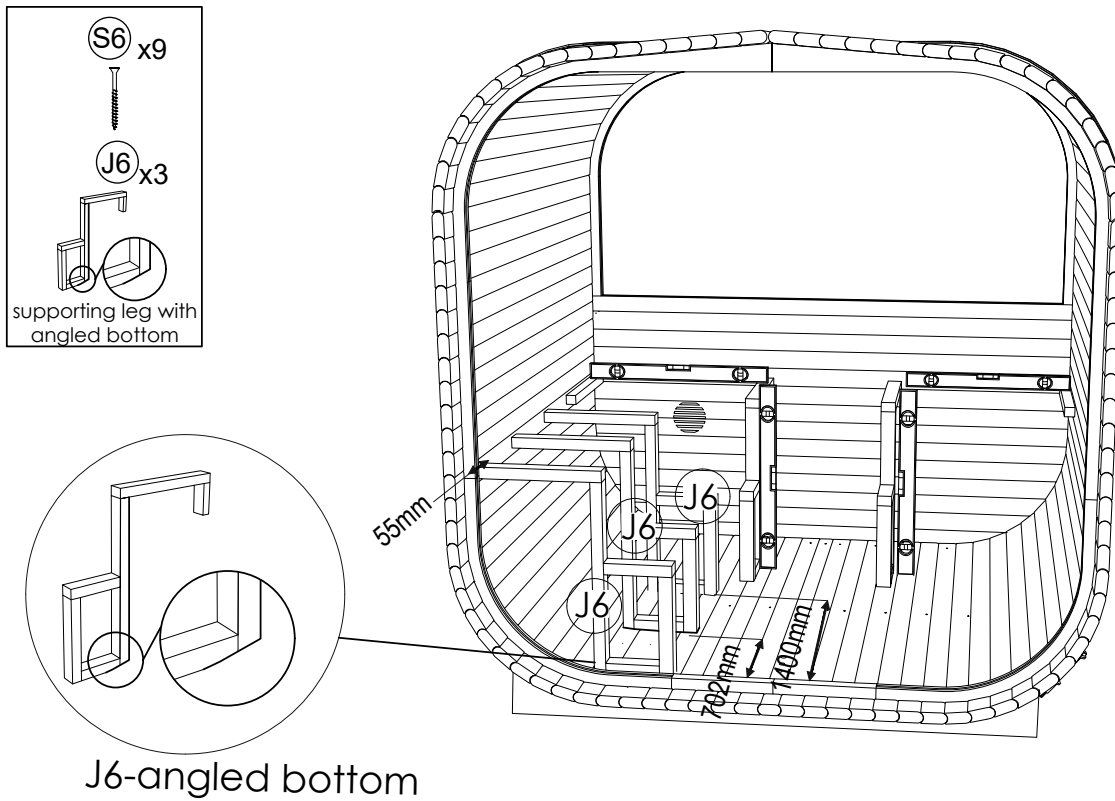
STEP 20: Install bench legs (J6) with (S6) screws. Take measurements as in the picture, both legs (J6) are 700mm from side walls. Then install bench support boards (J3) on the side walls using (S6) screws, at the same level as the bench legs. Check the legs to ensure they are straight from all angles.



STEP 21: Install legs (J6-angled bottom) for QP210 and QP160 side benches with (S6) screws. The first leg needs to be installed 55mm from the front panel (F), second leg is 736mm from rear panel (V). For QP250 bench placement go to step 19.

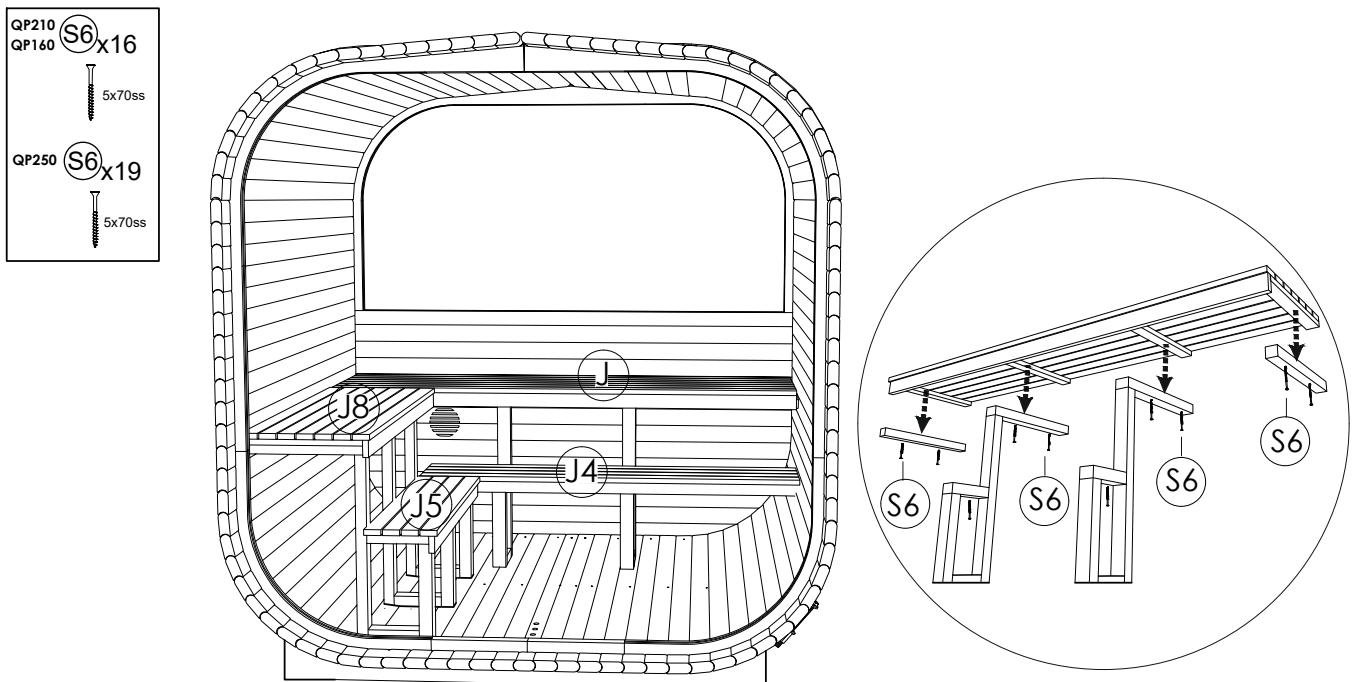


STEP 22: Install legs (J6-angled bottom) for side benches with (S6) screws 5x70SS. The first leg needs to be installed 55mm from the front panel (F), next leg is 702mm and 3rd leg is 1400mm from the front panel (F).

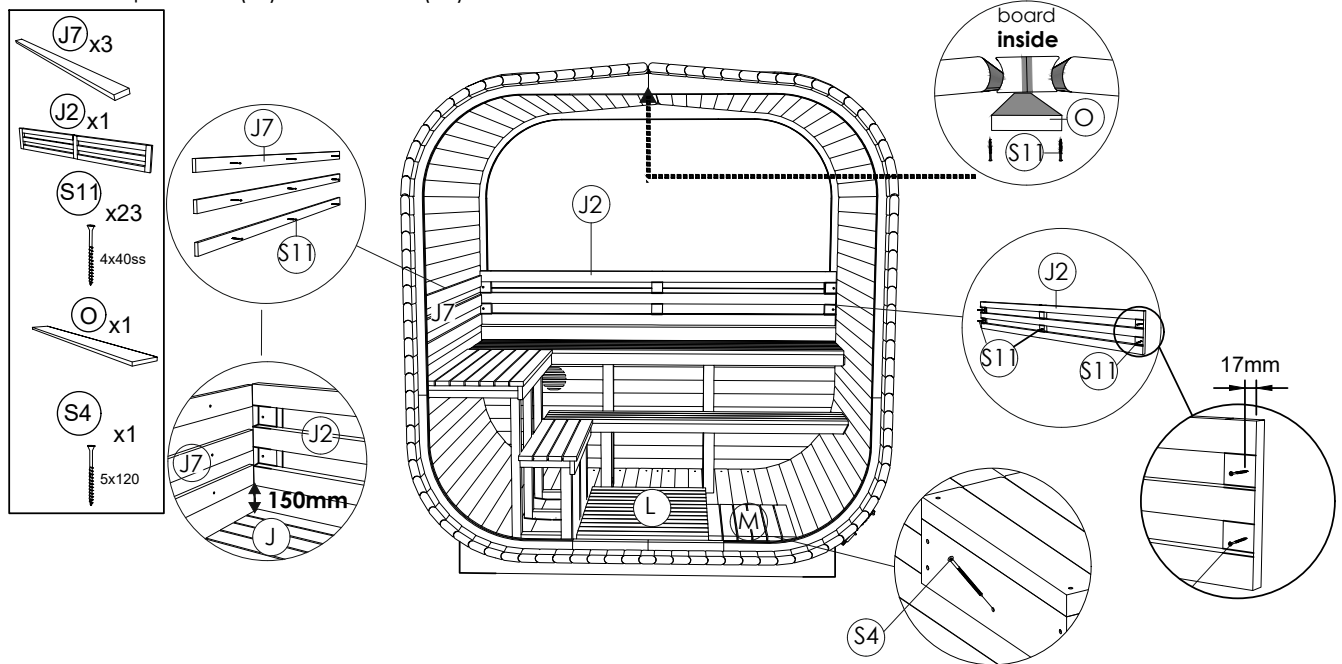


J6-angled bottom

STEP 23: Install sauna benches on top of the legs (J) using (S6) screws . Bench cross boards have to match the tops of the bench legs.



STEP 24: Install the ceiling board (O) in the middle of the ceiling, pre-drill holes for screws (S11). Fix the backrest (J2) in front of the panoramic window, 150mm up from the sauna bench and **pre-drill holes 17mm from both sides to prevent breaking glass with screws**. Then install backrest staves (J7) pre-drill holes for screws (S11), at the same height as the backrest on the panoramic wall. Lay in sauna floor (L). Put in the heater platform (M) and fix with (S4) screw from front.



Good job. Continue with the roof installation. For that use separate instructions.

