

Löyly



INSTALLATION MANUAL

Instructions

1. It is recommended to install the sauna above ground level to prevent the base frame from coming into direct contact with the ground. Use a water-resistant material, such as bitumen strips, between the base frame and the base surface for added protection.
2. Ensure that the surface on which you install the sauna is level and stable both before and after installation. Otherwise, the sauna doors may not open and close properly later on.
3. During the first heating of the sauna, it must be closely supervised, and the doors should remain open, as the stove may emit a specific odor when heated for the first time. For more information, please refer to the user manual for the sauna stove.
4. The maximum permitted temperature in the steam room is +90 °C. Heating the sauna to a higher temperature may result in overheating.
5. To prevent damage from the weight of snow in winter, any snow should be removed from the roof of the sauna. Be careful not to damage the roof covering during the snow removal process.
6. If your sauna has lighting, install a 3G 2.5 mm outdoor power cable and connect it according to the schematics provided with the plug socket coupler. The sauna's power cable must be connected to a residual-current circuit breaker. If you have any questions, consult an electrician.

Required tools



Tape measure



Cutting knife



Respirator



Pencil



Battery drill



Scissors



Level



Nail gun



Tin shears



Rubber mallet



Circular saw



Pliers



Hammer



Gloves



Hole saw Ø 100 mm



Hand saw



Safety goggles



Jigsaw

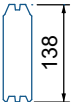
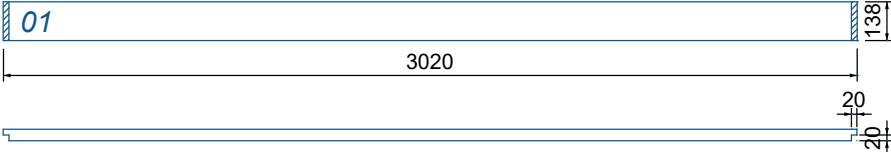
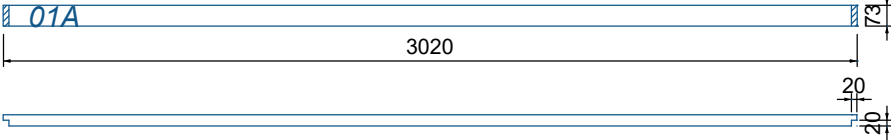
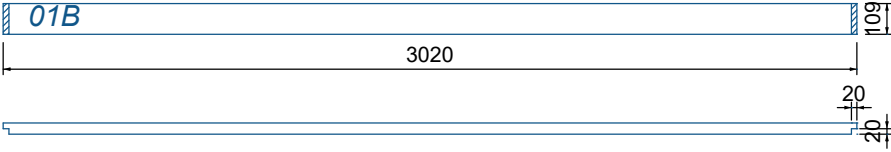
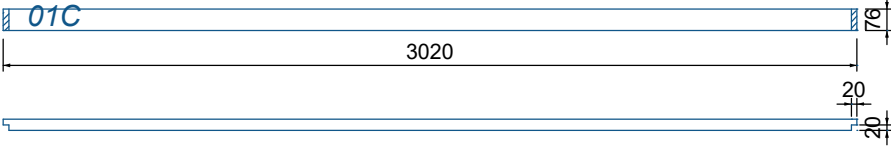
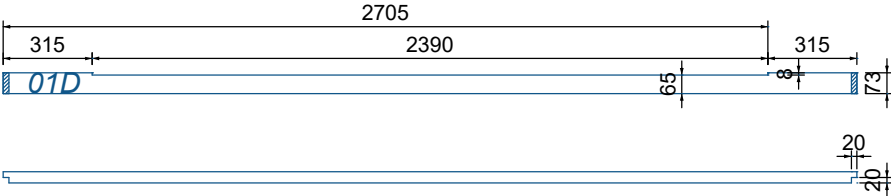
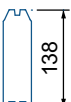
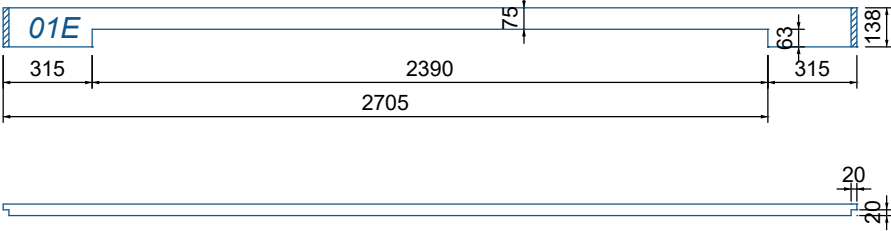
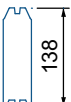
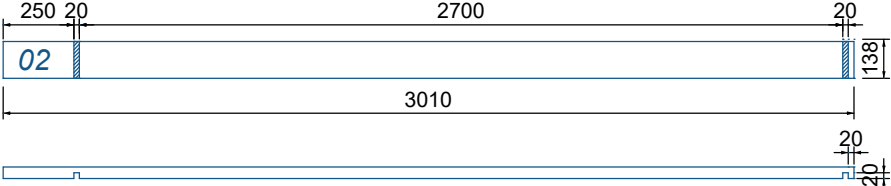


Silicone gun

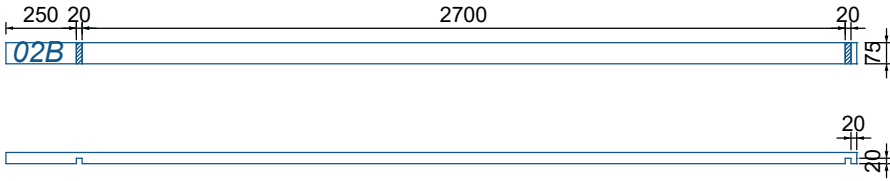
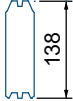
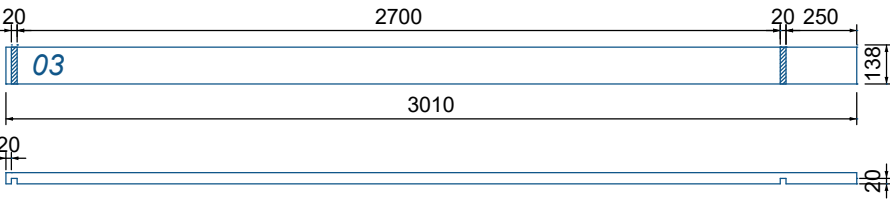
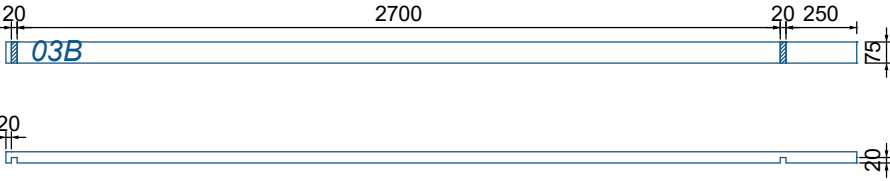
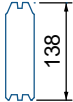
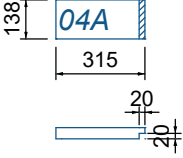
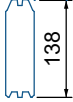
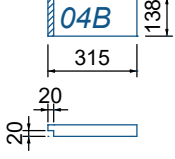


Foam gun

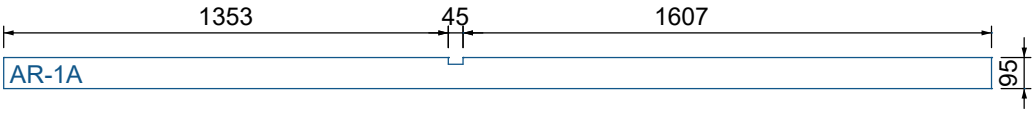
DETAILS LIST - Wall Logs:

01	21 + 2 EXTRA	3020		
01A	1	3020		
01B	1	3020		
01C	1	3020		
01D	1	3020		
01E	1	3020		
02	10 + 1 EXTRA	3010		

DETAILS LIST - Wall Logs:

02B	1	3010	 
03	10 + 1 EXTRA	3010	 
03B	1	3010	 
01F	1	2980	 Katuseklots
04A	15 + 2 EXTRA	315	 
04B	15 + 2 EXTRA	315	 

Base Frame:

Marking	Detail	Image	Note	Length	Pcs.
AR-1A	45x95 Base Frame		Cutout!	3005	2
AR-2	45x95 Base Frame			2960	5
VR-1	Drainage detail			3090	1

DETAILS LIST - Floor and roof boards:

KL-1	24x120 Roof Board			3030	28+2
PL-1	24x120 Floor Board			1320	54+2

Posts and Beams:

T-1	45x145 Ceiling Beam			2980	2
T-2	45x120 Ceiling Beam			2980	1
T-3	45x95 Ceiling Beam			2980	3
T-4	45x45 Ceiling Beam			2910	1
UR-1	45x45 Door/ Window Frame			2370	2
UR-2	45x45 Door/ Window Frame			2080	2
P-0	45x34 Distance post			2610	4

Slats and Moldings:

L-1	18x95 Roof Molding		<i>Cut to length!</i>	~3100	6
EXTRA	18x95 Corner Molding		<i>Cut to length!</i>	~3100	2
L-2	18x95 Corner Molding		<i>Cut to length!</i>	~2700	8
UL-1	18x95 Door Molding			2590	1
UL-2	18x95 Door Molding			2350	1
UL-3	18x95 Door Molding			2055	2
LED-1	15x55 Distance Slat		<i>for LED under sauna benches</i>	2970	2
DI-00	21x21 Ceiling and Floor Molding		<i>Cut to length!</i>	~2100	7+1
UL-4	12x42 Door Molding			~2200	2
DL-1	24x45 Distance slat		<i>under T-1 ceiling beam</i>	2980	1

Lining Boards:

STP-1	15x90 Ceiling Board		<i>Thermo spruce</i>	2670	38+2
STP-2	14x121 Outer Lining Board			250	73+3

Slope Veneers:

	3 mm Floor slope veneer		<i>Cut to length!</i>	2400	3
	6 mm Floor slope veneer		<i>Cut to length!</i>	2400	3
	9 mm Floor slope veneer		<i>Cut to length!</i>	2400	3

Doors and Windows

U-1	Glass Door 88x790x1990		+ door handle		1
A-1	Window 88x790x1990				2
	Wooden Cover Caps				24

Insulation, Finishing, Tapes:

	SPU Insulation Panel 30x600x1200				13
	Foil Tape		for SPU insulation panels	10 m	6
	Moisture safety tape		for all outside corners	10 m	2
	Transparent silicone		for all outside corners		9
	Gunfoam		for door and window insulation		1
	Black Paint		for paint repair	0,9 L	1

DETAILS LIST - Mounting Accessories:

Marking	Detail	Image	Note	Length	Pcs.
	Joist Hanger 45x147		for fixing 45x145 beams		4
	Joist Hanger 45x97		for fixing 45x95 beams		2
	Metal Corner Bracket 60x60x60		for roof beam		2
	Screw 6x180		for wall logs		350
	Screw 5x90		for base frame		50
	Screw 5x40		for joist hangers		50
	Screw 4.5x70				200
	Screw 3.5x50		for floor boards		250
	Screw 3.5x70		for bench skirts		40
	Screw 3x40	black	for black moldings		200
	Nail 70 mm		for roof boards		300
	Lost-head nail 40 mm		for STP-1 ceiling boards		300
	Ventilation set				1
	Ventilation Grid Ø150		metal		2

Roof Covering:

	EPDM Rubber Roof Cover 3.5x3.05 m				1
	EPDM Glue		2.5 l		2
	EPDM Quickprime		125 ml		1
	Splice Tape		for back wall metal drip edge	3 m	1
	Paint roller + Handle + Sanding pad				1
	Metal Drip Edge		for back wall <i>Cut to length!</i>	2050 mm	2
	Metal roofing sheet		for front and side walls. <i>Cut to length!</i>	2100 mm	6
	Black Roofing Screw 4.8x25		for side walls metal roofing sheets		50
	Black Wronic Screw 4.2x25		for back wall metal drip edge		30

Sauna Benches:

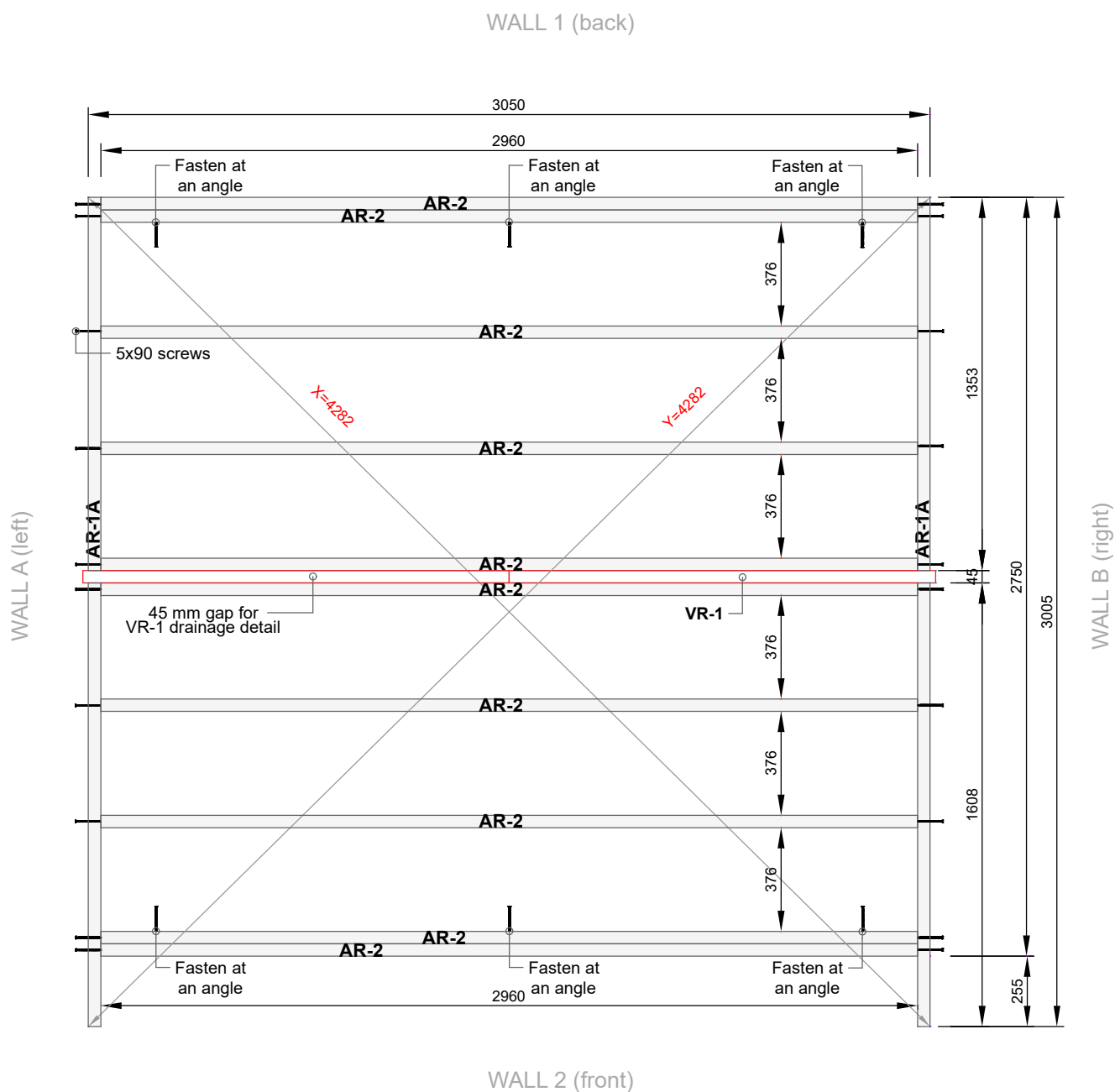
	Bench Module 600 mm		Top bench	2970	1
	Bench Module 600 mm		Middle bench	2495	1
	Bench Module 576/ 500 mm		Bottom bench	2050	2
	Bench Module 600 mm		Top L- bench	1978	1
	Bench Module 600 mm		Middle L- bench	1499	1
	Bench Module 884 mm		Bottom L- bench	540	1
	Bench support 434 mm			1120	11
	Bench support 479 mm			663	9
	Bench support 206 mm			901	2
	Bench support 206 mm			1093	4
	Cover board 28x88 mm			191	5
	Bench Skirt 1			2495	1
	Bench Skirt 2			1988	1
	Bench Skirt 3			2065	1
	Bench Skirt 4			1616	1
	Backrest 1			2970	1
	Backrest 2			2544	1
	LED Lighting Set				1

STEP 1 - Base frame

- 1.1 Connect base frame parts as shown in Scheme 1.1. Ensure frame is level and diagonals are equal ($X = Y$).
Leave a 45 mm gap between AR-2 parts for VR-1 drainage detail.
Join parts with 5x90 screws using a level and drill.



- 1.2 Place VR-1 on top—no fixings needed.
Caution: Wear gloves; VR-1 has sharp edges.



Scheme 1.1

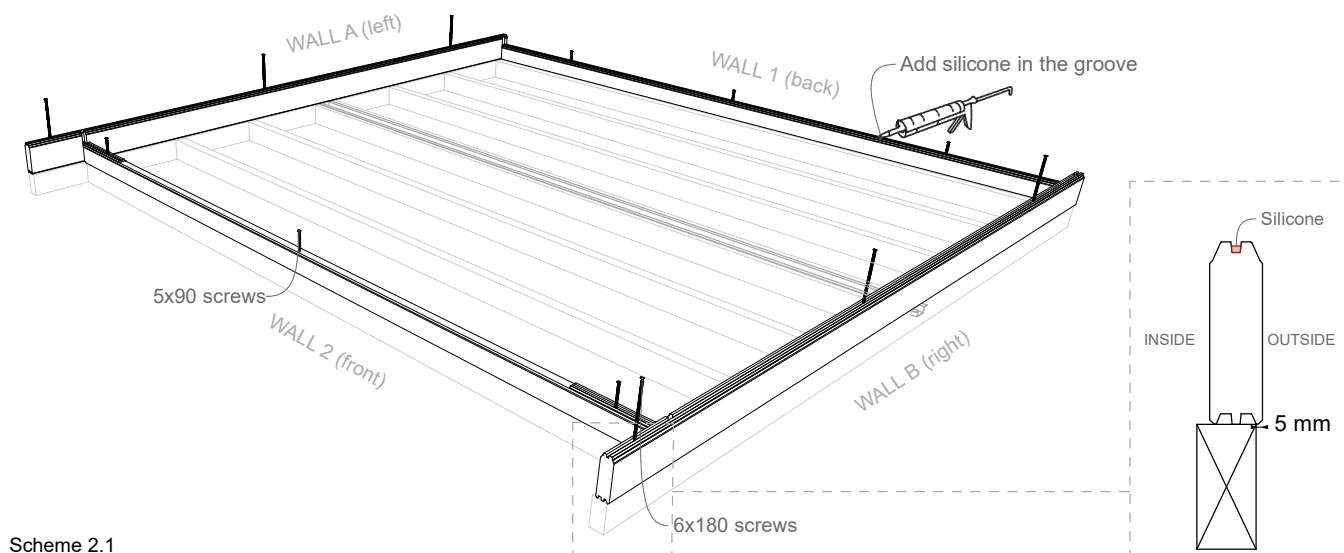
STEP 2 - Walls

2.1 Place the first row of wall logs on the base frame as shown in Scheme 2.1.

Logs should extend 5 mm beyond the base on all sides.

Fix the logs with 6x180 and 5x90 screws.

Tip: Pre-drill holes to prevent splitting.



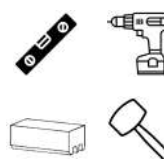
Scheme 2.1

2.2 Apply silicone in the groove between each row.

Place the second row on top. Use a hitting block and rubber mallet to set in place.

Fix with 4.5x70 and 6x180 screws.

Tip: Pre-drill holes.

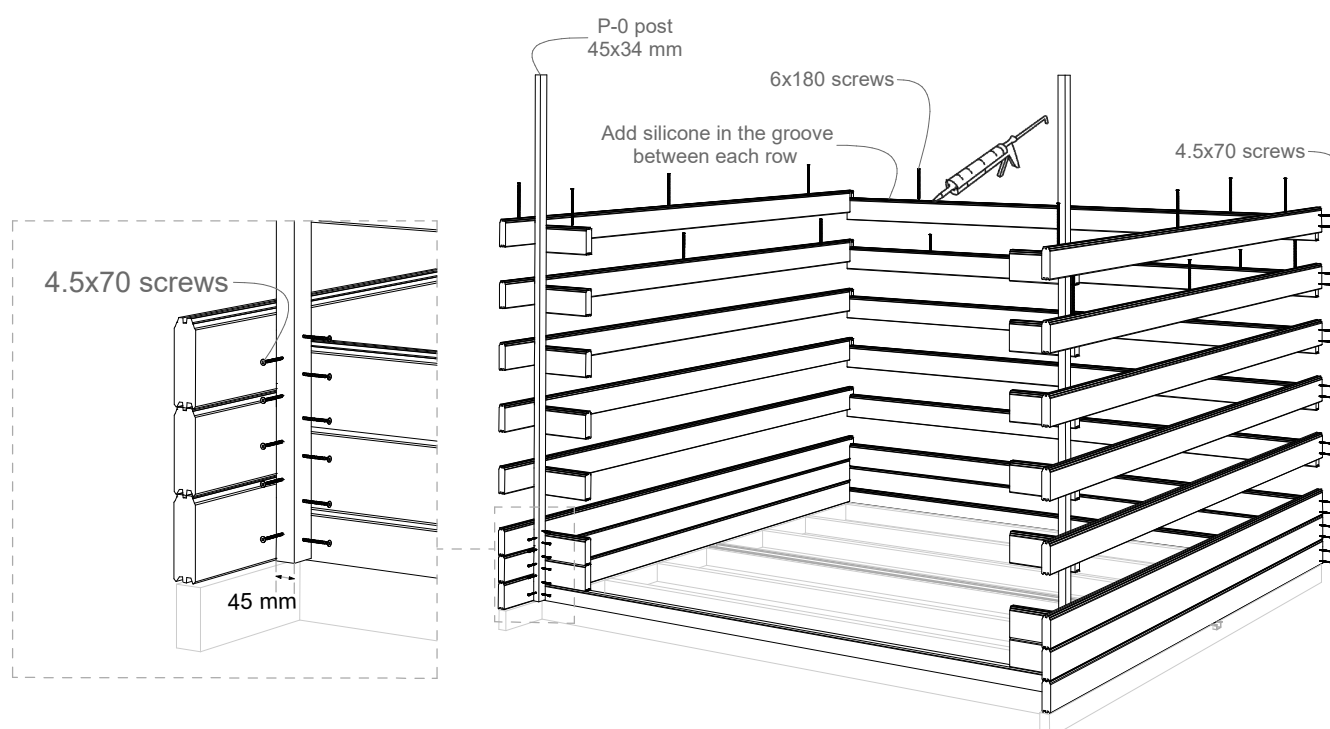


2.3 Install P-0 posts at the front wall outer corners. Fix to wall logs with 4.5x70 screws.

Use a level to ensure vertical alignment.

Tip: Pre-drill holes.

2.4 See the "Wall Layout" on page 9 for correct wall log placement.

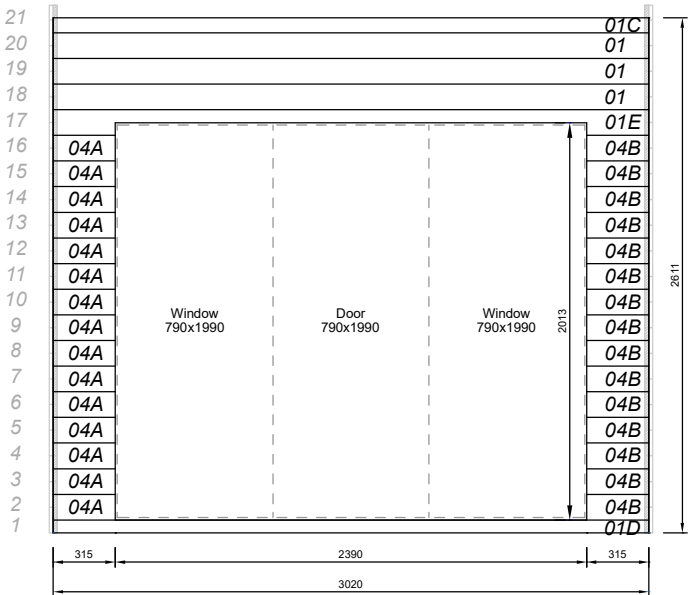


Scheme 2.2

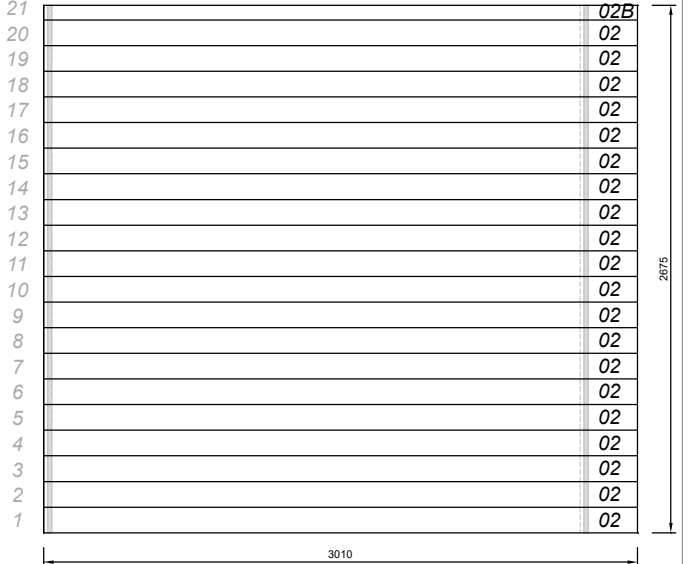
WALL LAYOUT

- * Secure all wall logs with 6x180 screws.
- * Attach logs to P-0 posts using 4.5x70 screws.

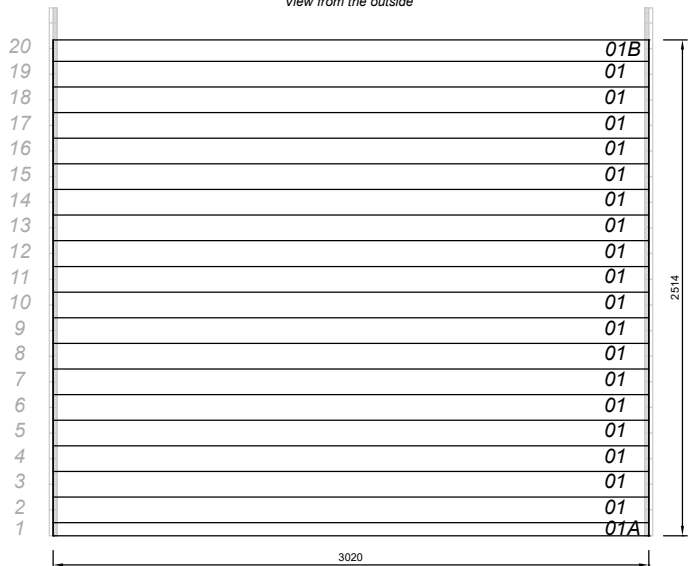
Wall 2 (front)
View from the outside



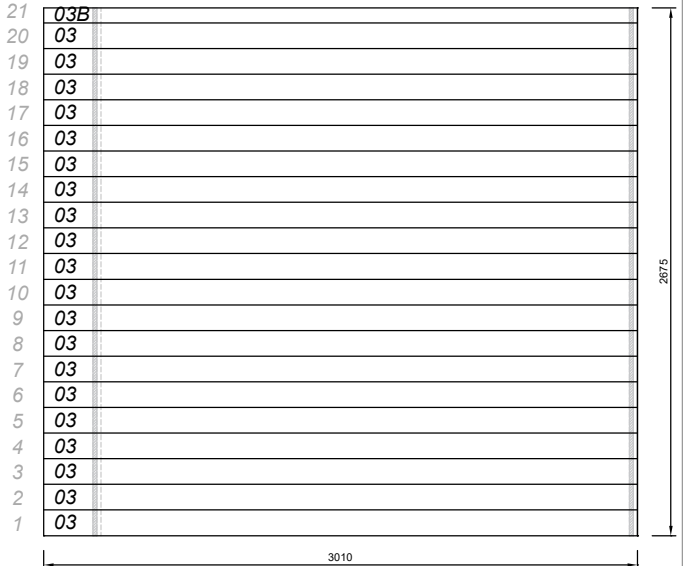
Wall A (left)
View from the outside



Wall 1 (back)
View from the outside

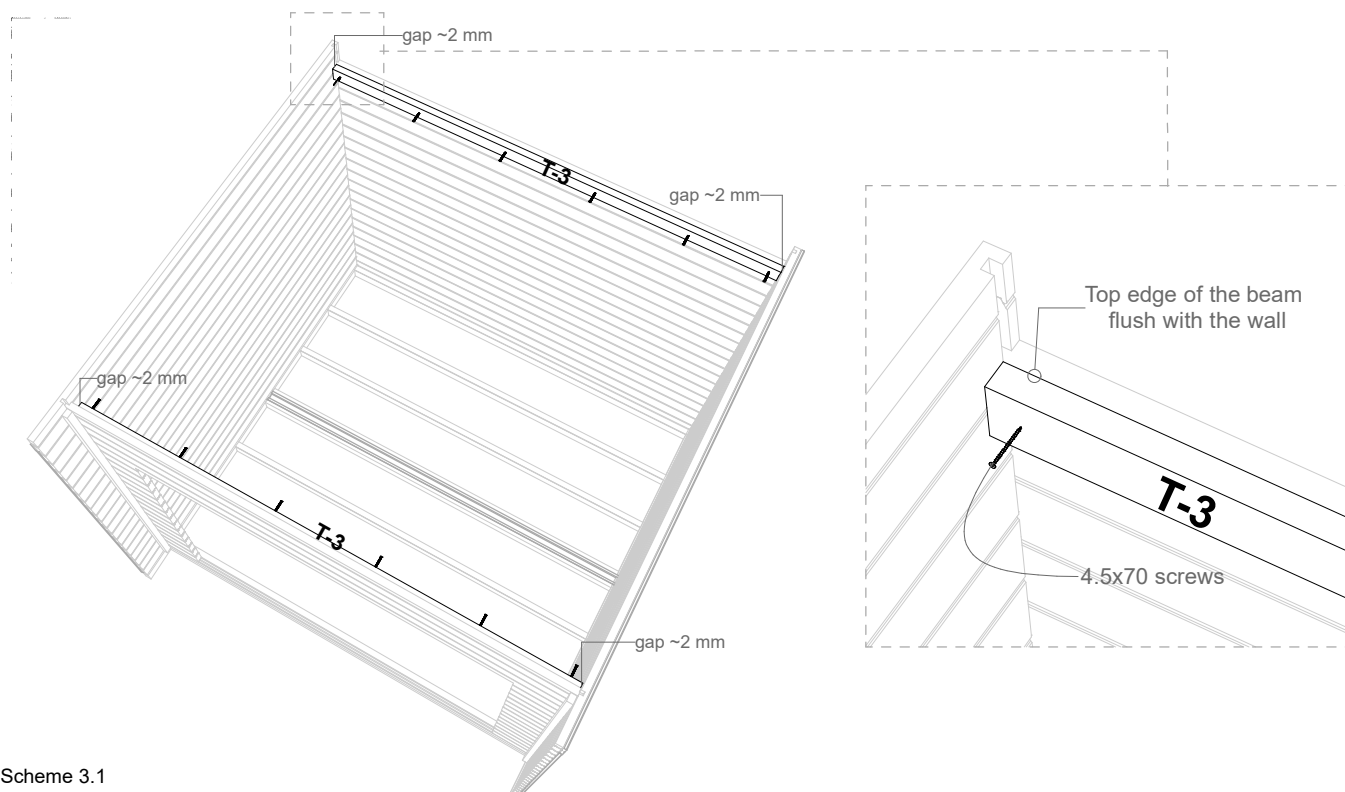


Wall B (right)
View from the outside



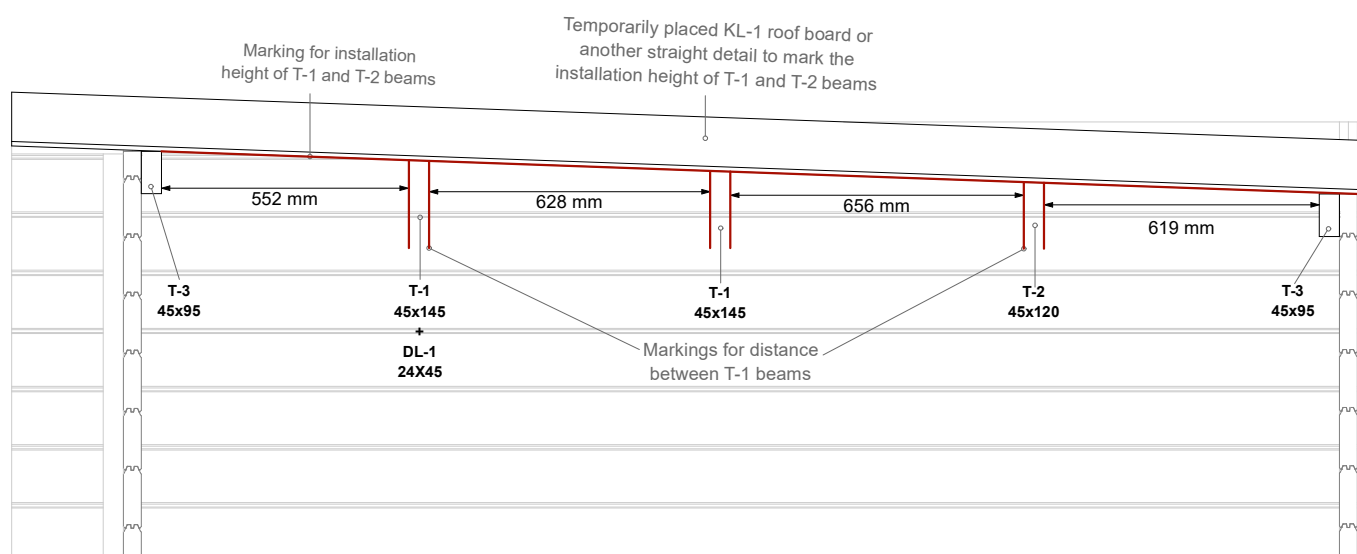
STEP 3 - Roof boards and ceiling

- 3.1 Attach T-3 beams to front and back walls (leave ~2 mm gap at ends). Top edge must be flush with wall tops. Use 4.5x70 screws (see Scheme 3.1).



Scheme 3.1

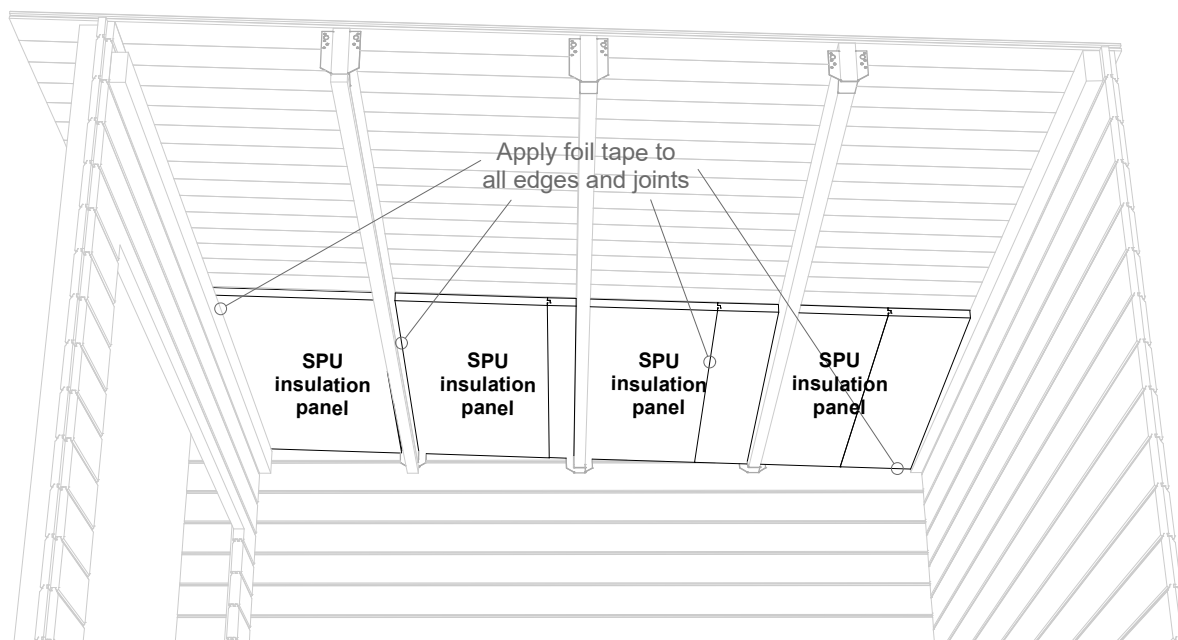
- 3.2 Temporarily place one KL-1 roof board on top of the front and back walls. Mark the diagonal that forms under the detail on the side walls with a pencil. These markings will determine the installation height of the ceiling beams. Measure out the spacing between the ceiling beams and mark the locations on both side walls, like shown in Scheme 3.2.



Scheme 3.2

STEP 3 - Roof boards and ceiling

- 3.9 Cut insulation panels to size and install between ceiling beams.
Seal all edges and joints with foil tape (see Scheme 3.5).

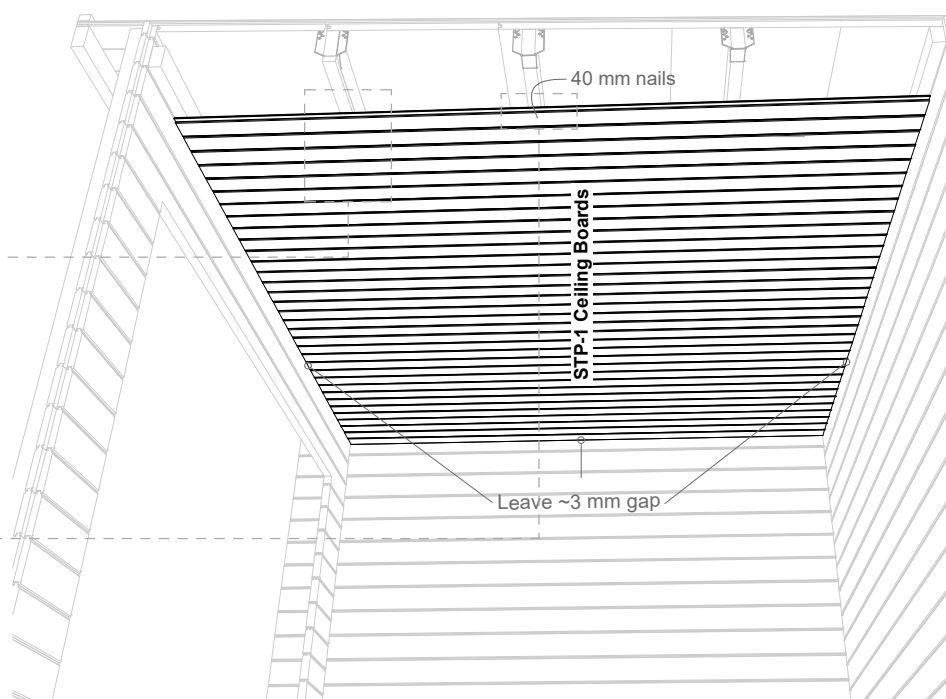
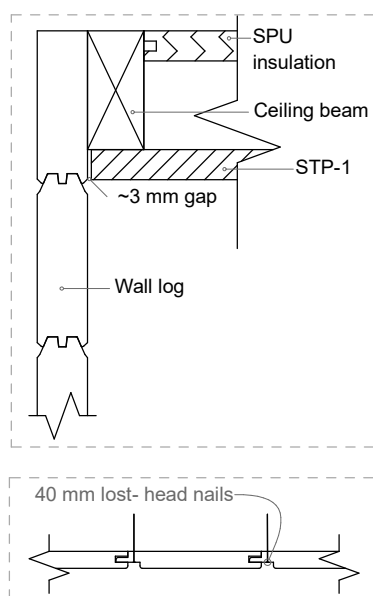


Scheme 3.5

- 3.10 Place on top of insulation. Fix to ceiling beams with 4.5x70 screws.



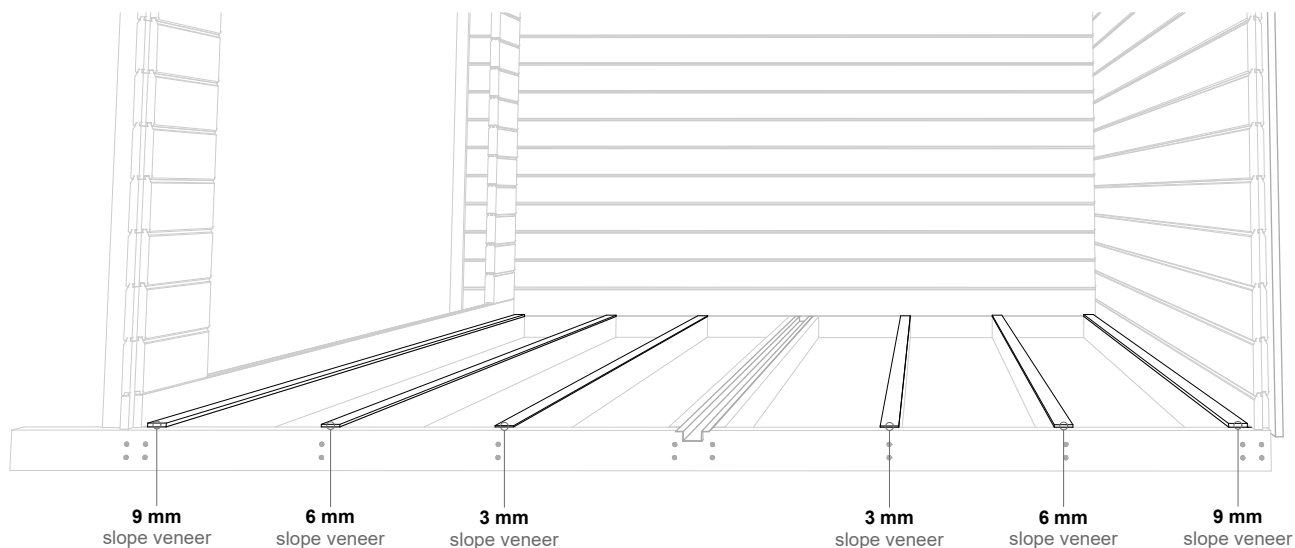
- 3.11 Install ceiling boards on top of beams. Leave ~3 mm gap at walls.
Use 40 mm lost-head nails and trim the last board to width (see Scheme 3.6).



Scheme 3.6

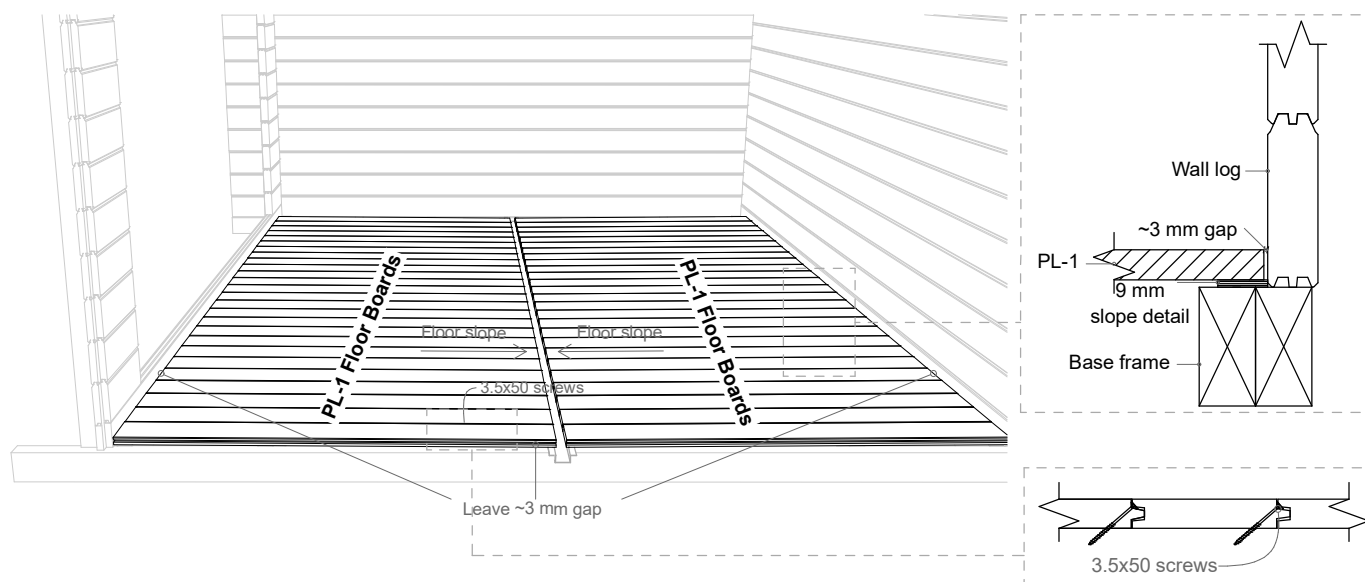
STEP 4 - Floor

4.1 Place slope veneers on the base frame for drainage (fixing with screws is optional, see Scheme 4.1).



Scheme 4.1

4.2 Install floor boards from the right, leaving ~3 mm gap at all walls.
Cut the last board to fit.
Fix boards with 3.5x50 screws (see Scheme 4.2).



Scheme 4.2

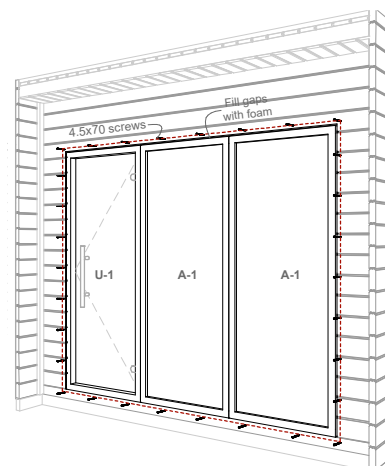
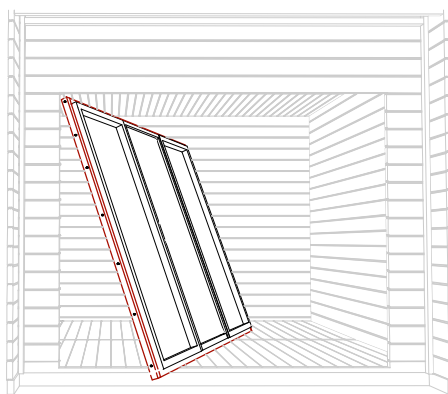
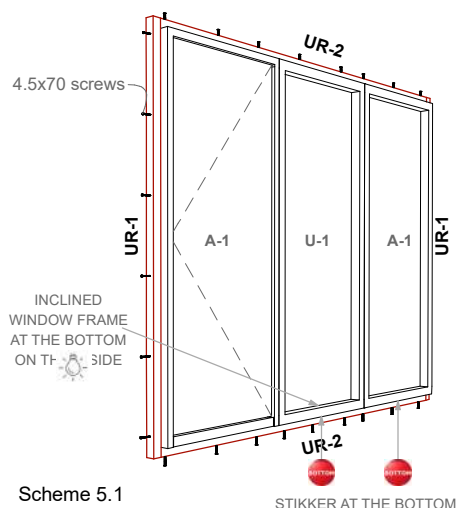
STEP 5 - Doors and windows

5.1 Attach UR-1 and UR-2 frame parts around the door and windows using 4.5x70 screws (see Scheme 5.1).
Important: The inclined part of the window frame must face indoors, at the bottom (marked with a sticker).



5.2 Lift and tilt the door and windows diagonally into the openings from inside (see Scheme 5.2).
Remove the door glass from hinges to reduce weight if needed.

5.3 Fix frames to Wall 2 (front) from outside with 4.5x70 screws.
Reattach the glass and install the door handles.
Fill gaps around windows and door with foam for insulation (see Scheme 5.3).



STEP 6 - Ventilation

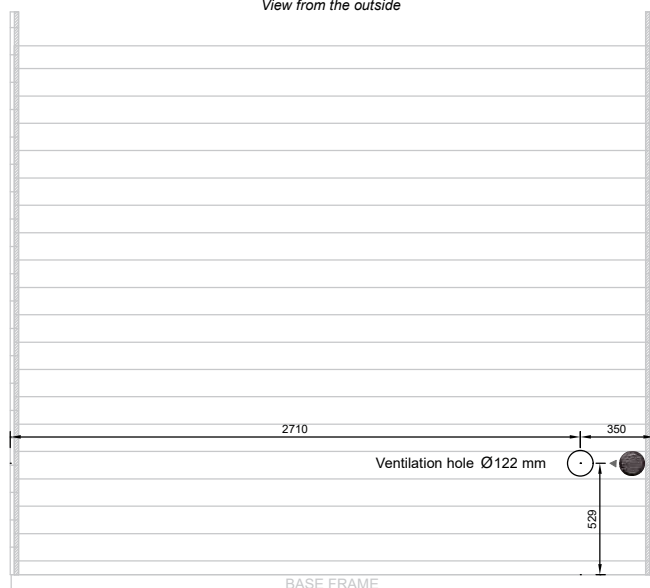
6.1 Cut the ventilation holes in the walls with a diameter of 127 mm and 122 mm using a hole saw.
For locations of ventilation openings see Scheme 6.1



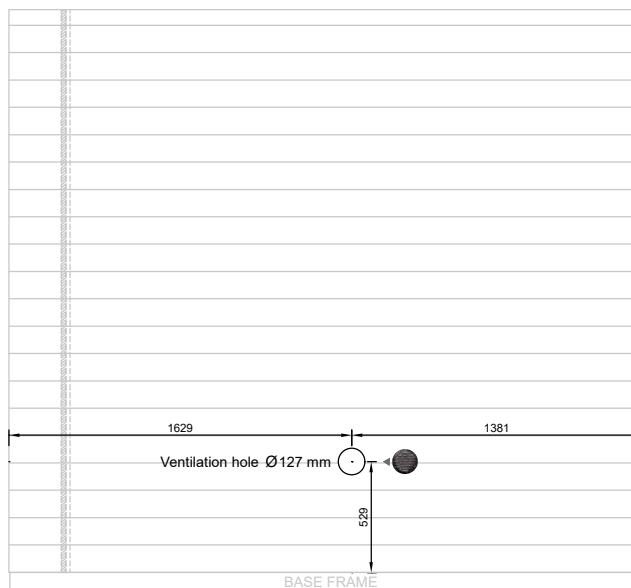
6.2 Cover the openings with ventilation grids. Use 3.5x40 black screws for fixing.



Wall 1 (back)
View from the outside

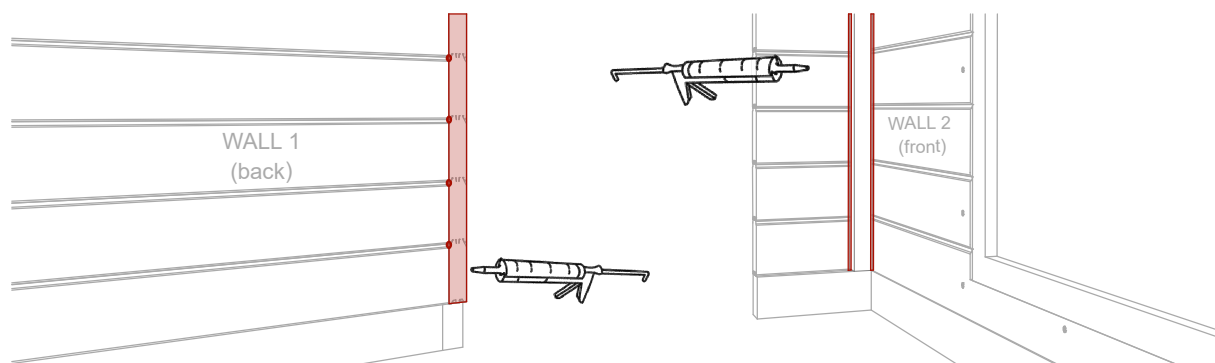


Wall B (right)
View from the outside



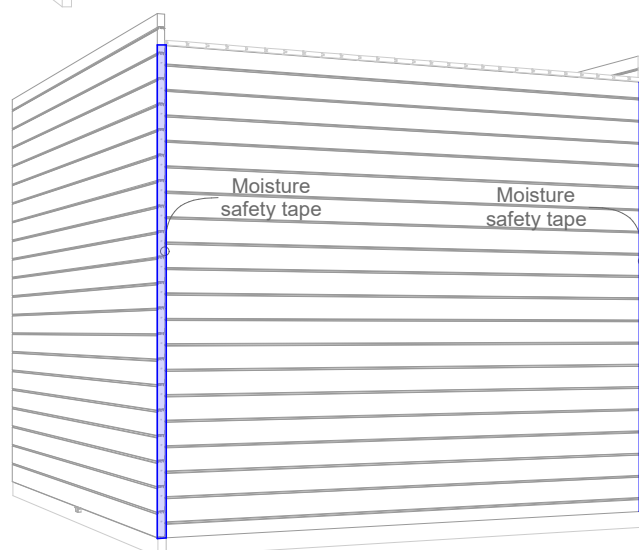
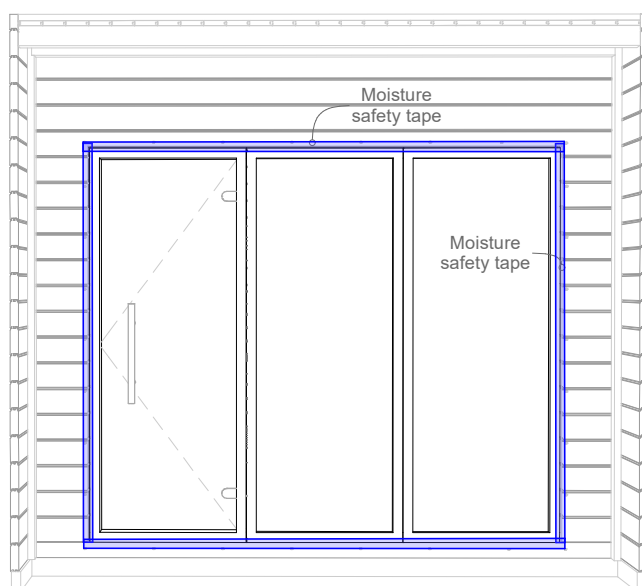
STEP 7 - Outer lining and moldings

- 7.1 Seal all the outside corners of the sauna with transparent silicone to prevent moisture and rainwater from entering the sauna, as shown in Scheme 7.1. Apply silicone to the open end grains at the back wall and spread it with a spatula to about 1 mm thickness.



Scheme 7.1

- 7.2 For extra protection, tape doors and windows and all outside corners of the sauna with moisture safety tape before installing the exterior moldings (Scheme 7.2).

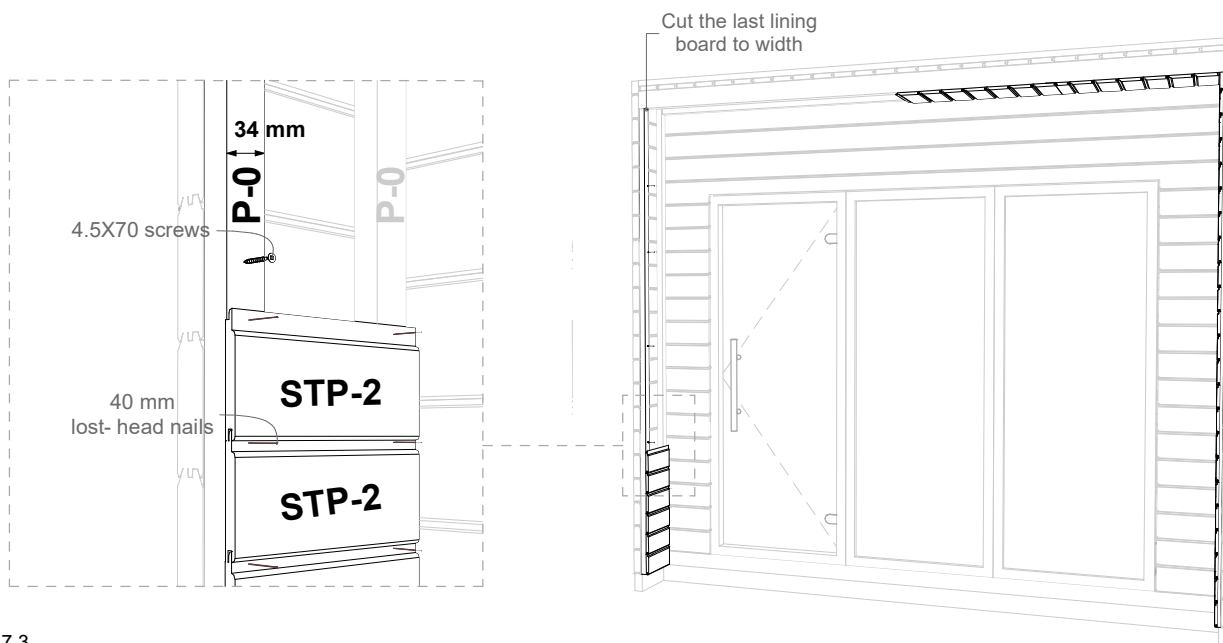
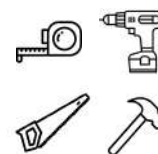


Scheme 7.2

STEP 7 - Outer lining and moldings

7.3 Attach the remaining P-1 posts to the side walls with 4.5x70 screws.

7.4 Install STP-2 outer lining boards from bottom up. Cut the last board to width.
Fix with 40 mm lost-head nails (2 per board). See Scheme 7.3.



Scheme 7.3

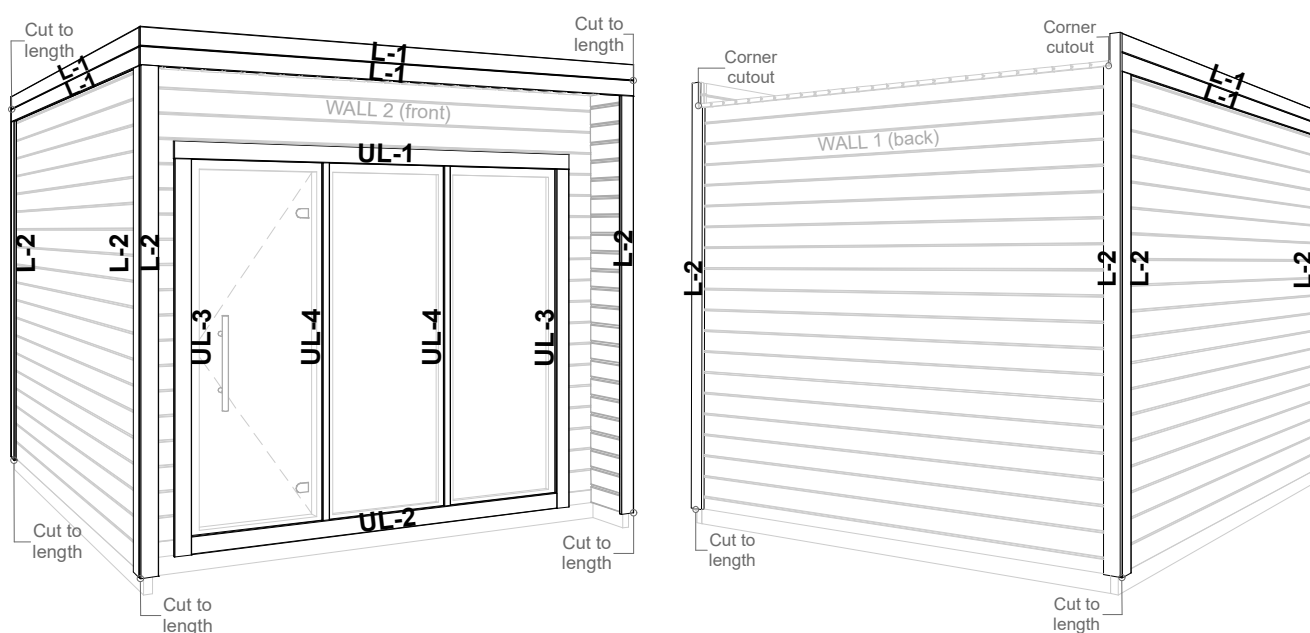
7.5 Attach L-1 roof moldings flush with top of the walls. Cut to length and fix with 3x40 black screws.

7.6 Measure, cut, and install L-2 corner molding to the walls. Make corner cutouts as shown in Scheme 7.4.

7.7 Paint outer window frames and all cut molding ends with the included black paint.

Install door and window moldings using 3x40 black screws.

See Scheme 7.5 for correct overlay.

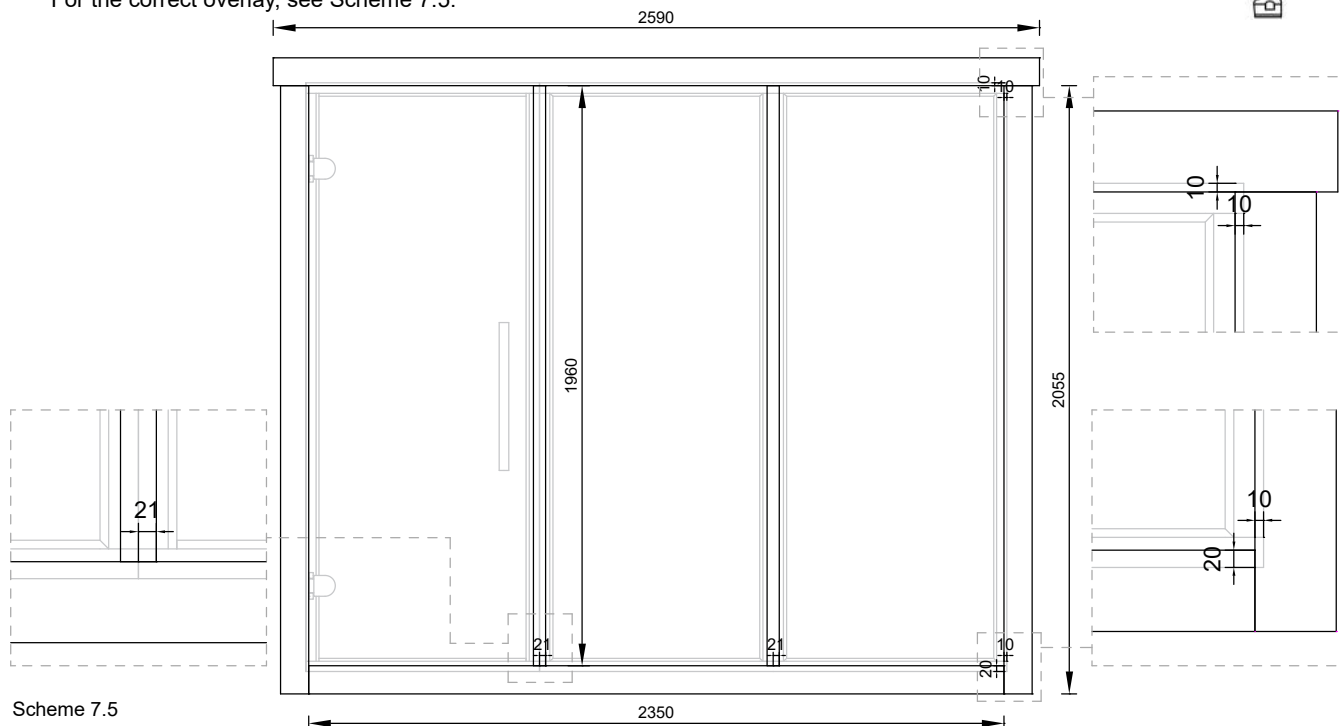


Scheme 7.4

STEP 7 - Outer lining and moldings

7.8 Install the moldings around the door and windows using 3x40 black screws.

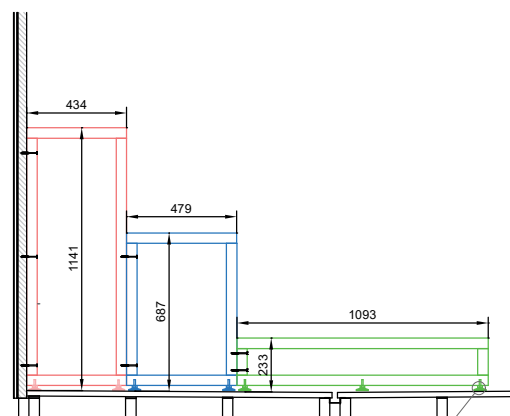
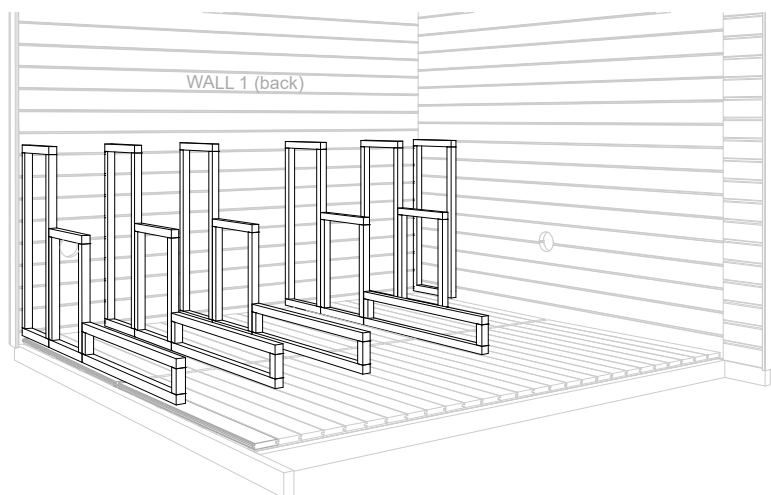
For the correct overlay, see Scheme 7.5.



7.9 Paint over the window frames from the outside and all cut ends of the moldings with black paint.

STEP 8 - Sauna benches

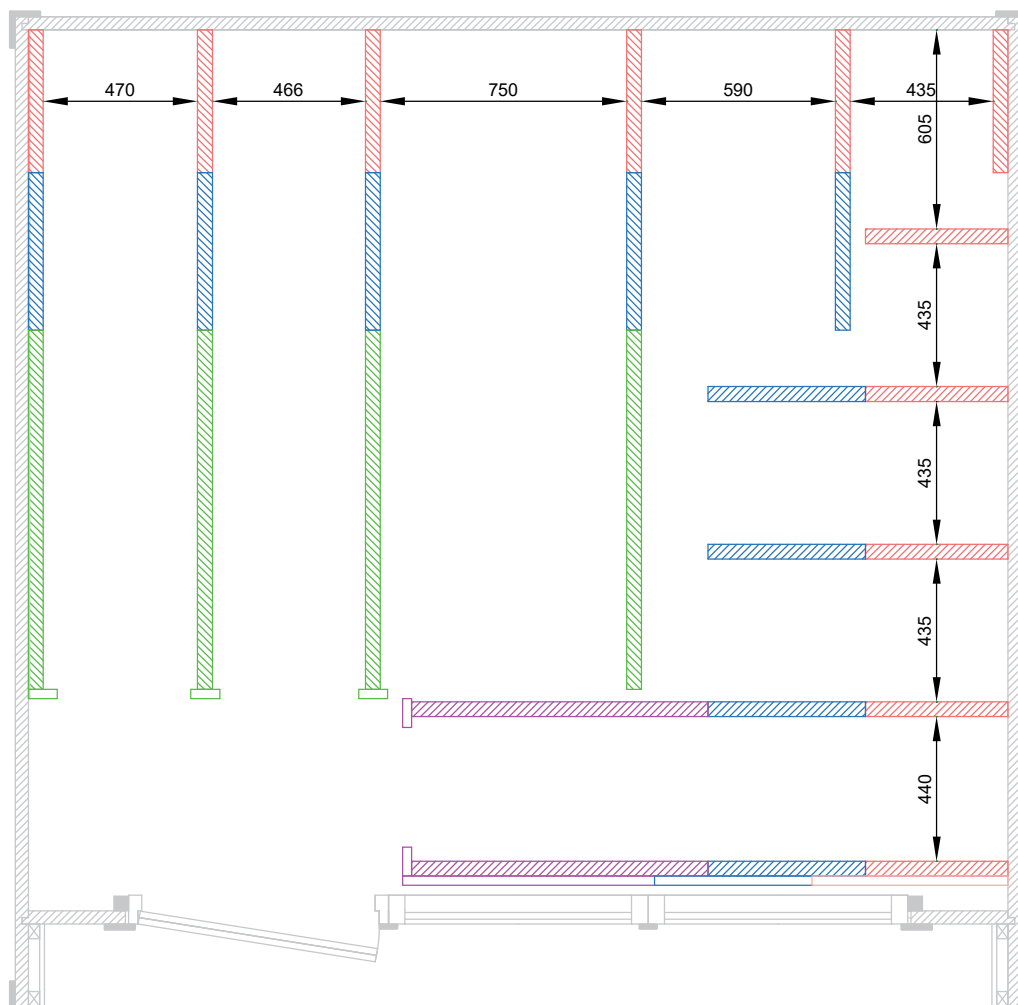
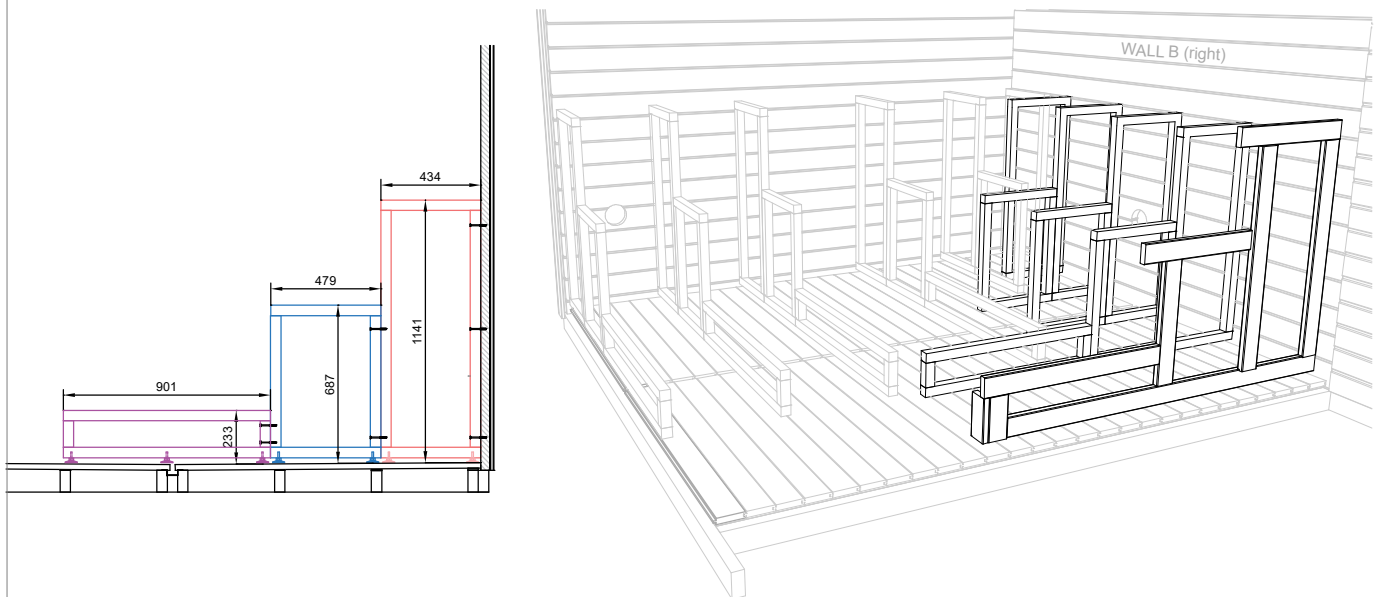
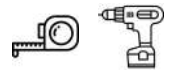
8.1 Place the sauna bench supports against the back wall and fasten them to the wall and to each other with 4.5x70 screws, following the distances and heights indicated in the diagram 8.1. Adjust the height of the side frames through the adjustable legs.



Adjust the side frame height through the adjustable legs.

STEP 8 - Sauna benches

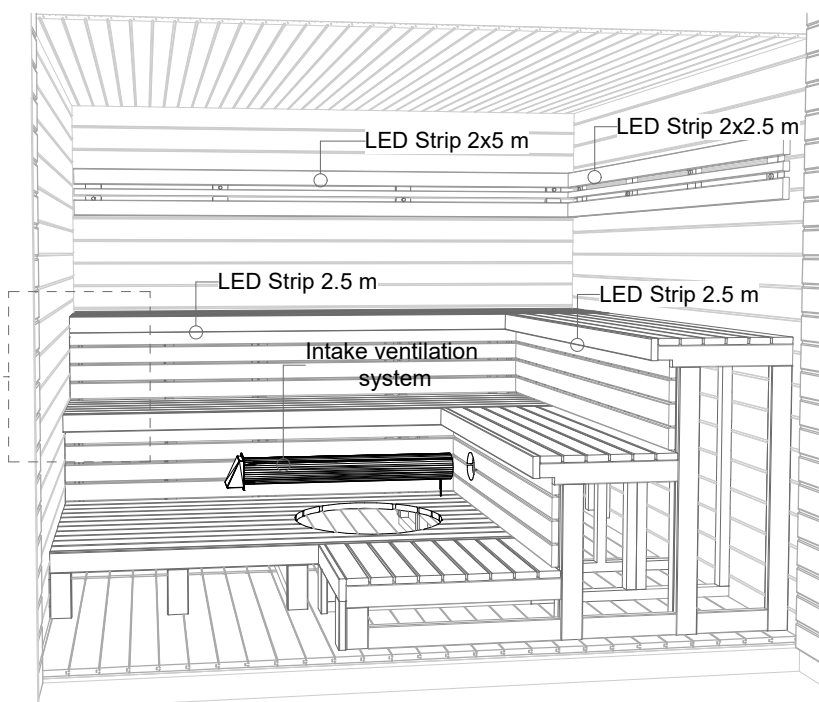
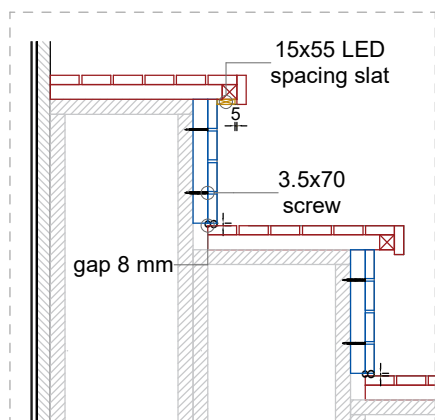
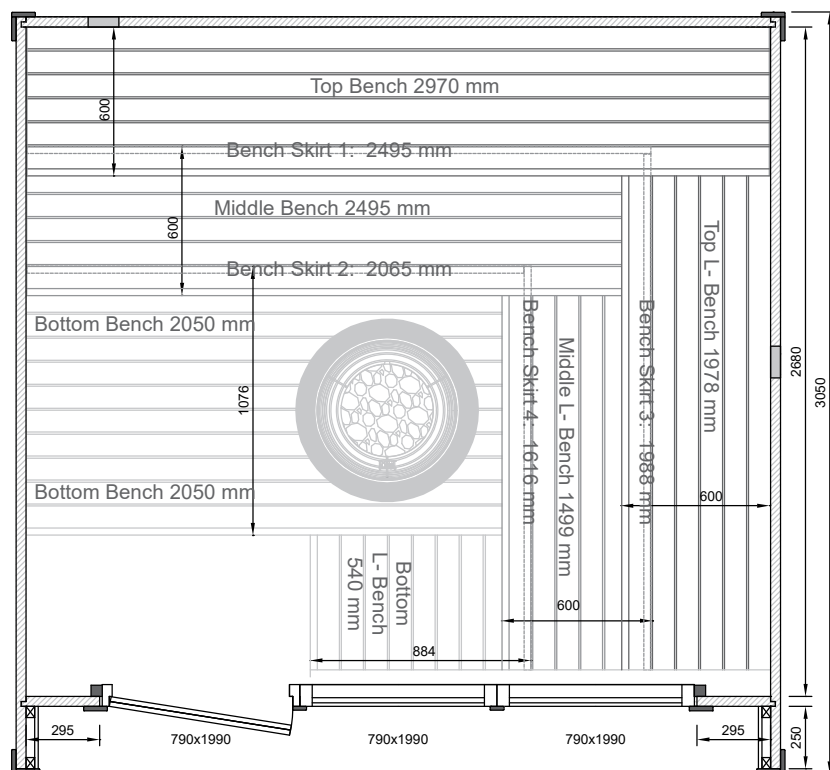
8.2 Repeat the same procedure along the right-hand wall, maintaining the distances and heights shown in the diagram.



Scheme 8.1

STEP 8 - Sauna benches

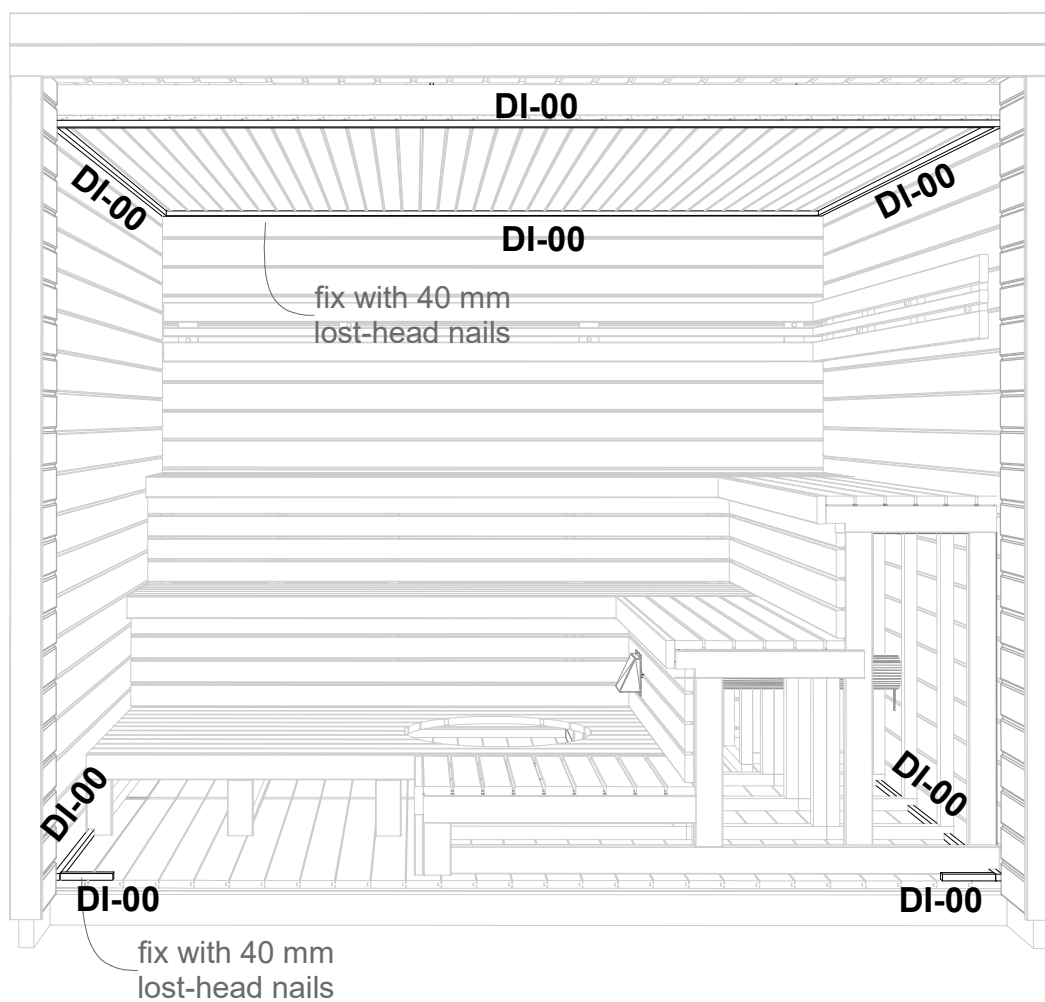
- 8.3 Install the exhaust ventilation system in the pre-drilled opening on the back wall, and the intake ventilation system through the bench skirt and side wall after the bench skirts have been set in place.
- 8.4 Install the 15x55 LED spacing slats beneath the sauna benches, leaving a 5 mm gap for the lighting as shown in the diagram. Run the LED strips and wiring through the designated space, then place the benches on top of the supports.
- 8.5 Place the benches on top of the supports. Fix all the benches to the supports through the bottom frame, using 4.5x70 screws.
- 8.6 Secure the bench skirts at the front using 3.5x70 screws. For future floor maintenance, unscrew and remove the bench skirts to clean the area behind the sauna benches.
- 8.7 Install the LED lighting along the backrests and attach them to the walls at a height of 500 mm above the top benches.



Scheme 8.4

STEP 9 - Interior moldings

9.1 Measure and cut to length all DI-00 ceiling and floor moldings and fix them in place with 40 mm lost-head nails (Scheme 9.2).



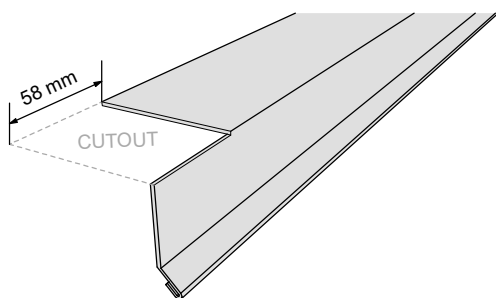
Scheme 9.1

STEP 10 - Roof covering and roofing sheets

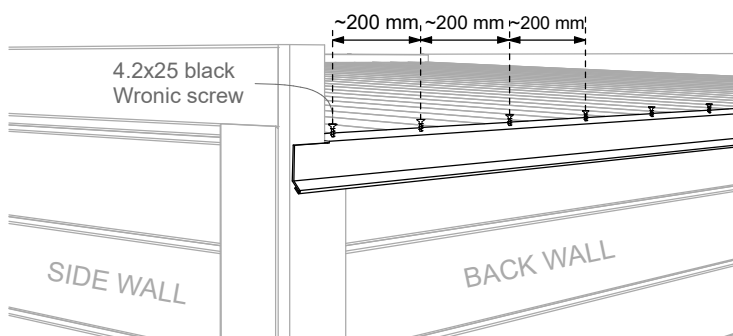
- 10.1 Measure the overall width of the sauna and cut the metal drip edge to that length minus 2 mm using sheet metal scissors. Remember to wear gloves for protection while cutting.
- 10.2 Measure and mark 58 mm on the top side of the drip edge at both ends, then cut out these marked sections as shown in Scheme 10.1.
- 10.3 Place the drip edge on top of the roof boards and secure it using 4.2x25 black Wronic screws. Space the screws approximately 200 mm apart, as shown in Scheme 10.2.



Back wall metal drip edge:

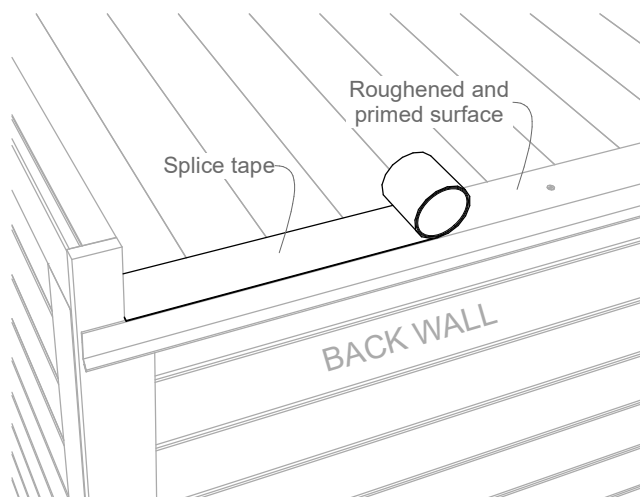


Scheme 10.1

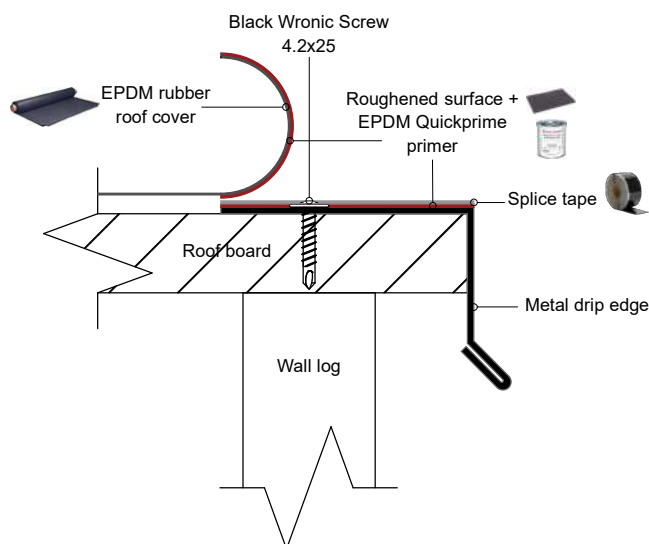


Scheme 10.2

- 10.4 Roughen the upper surface of the drip edge with a sanding pad, then apply EPDM Quickprime primer on top. Cut the double-sided splice tape to length, remove the cover from one side, and place it on the primer-coated drip edge. Do not remove the cover from the top side of the tape at this stage!

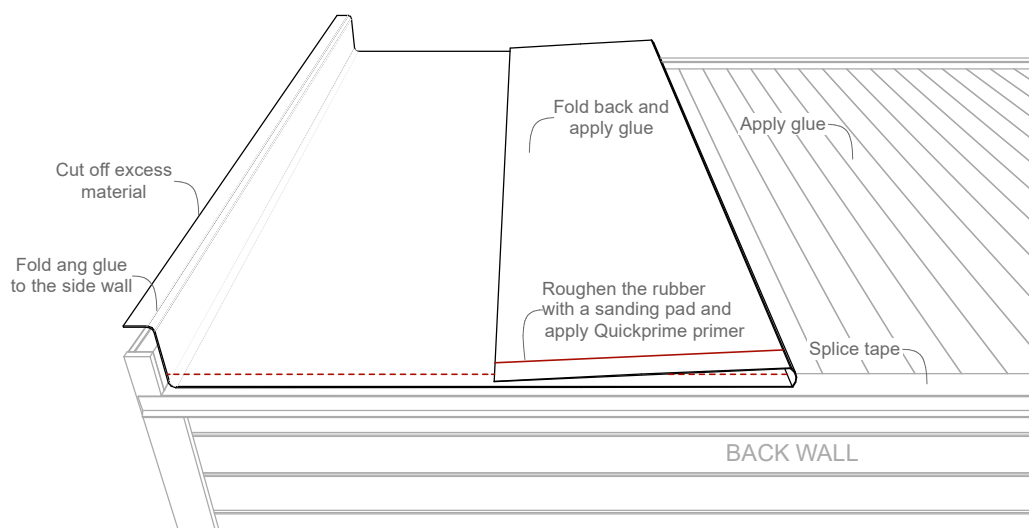


Scheme 10.3



STEP 10 - Roof covering and roofing sheets

- 10.5 Clear the roof of all debris and fasteners, and thoroughly clean the surface to eliminate dirt, dust, ice, snow, water, and any other contaminants.
- 10.6 Before and during installation, check the packaging and EPDM roll for any damage. Position the rubber roof cover carefully, ensuring it is parallel to the walls and extends evenly on both sides of the sauna.
- 10.7 Fold back half of the roof cover and begin applying glue to both the roof boards and the rubber. Leave approximately 10 cm of the back wall without glue to allow for attachment to the splice tape later. Do not apply glue to the side walls at this stage; that section will be glued later. Always work in a well-ventilated area and wear gloves, safety goggles, and a respirator for safety (Image 2).
- 10.8 **ATTENTION!** Wait until the glue is dry to the touch on both surfaces (approximately 15 minutes or longer) before folding the rubber back into place. Allowing adequate waiting time is crucial to prevent bubbling in the rubber once it is set.
- 10.9 Turn the glue-coated rubber onto the prepared roof boards and smooth it out with a broom or brush, ensuring that no wrinkles or bubbles form. Repeat this process with the other half of the roof cover, and then glue the rubber to the side walls.
- 10.10 Roughen the rubber at the back wall using a sanding pad, then apply EPDM Quickprime primer on top. Remove the top cover from the double-sided splice tape and press the primed rubber onto it. Trim any excess material from all sides using scissors (see Scheme 10.4).

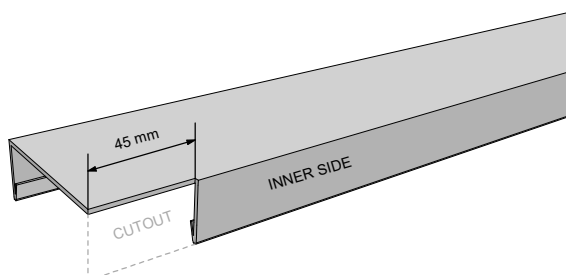


Scheme 10.4

- 10.9 Measure the overall depth of the sauna, add 160 mm to that measurement, and then cut the side wall roofing sheets to length using sheet metal scissors. Be sure to wear gloves for protection while cutting.
- 10.10 At the rear end, cut off 45 mm from the inner side of the roofing sheet as shown in Scheme 10.5. At the front end, cut off 58 mm from the inner side of the roofing sheet as indicated in Scheme 10.6.

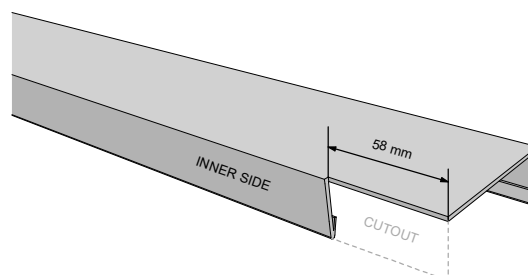


Side wall roofing sheet (rear end):



Scheme 10.5

Side wall roofing sheet (front end):



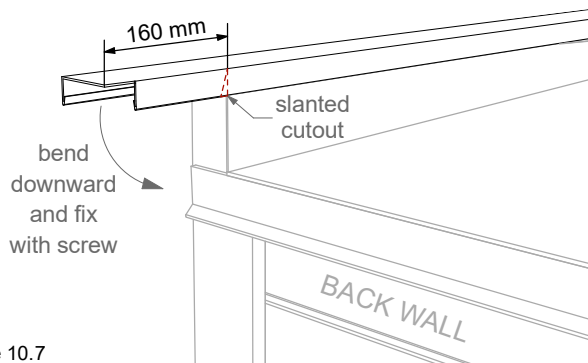
Scheme 10.6

STEP 10 - Roof covering and roofing sheets

10.11 Install both side wall roofing sheets in place. Measure 160 mm at the rear end and make a slanted cutout. Use pliers to bend the end downward and secure it with a 4.8x25 roofing screw (see Scheme 10.7).

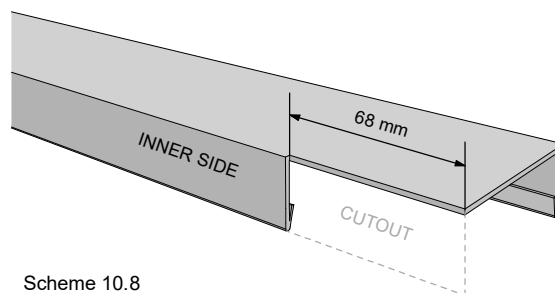


10.12 Measure the overall width of the sauna and cut the front wall metal roofing sheet to length. Cut off 68 mm from the inner side of the front wall roofing sheet at both ends, as shown in Scheme 10.8.



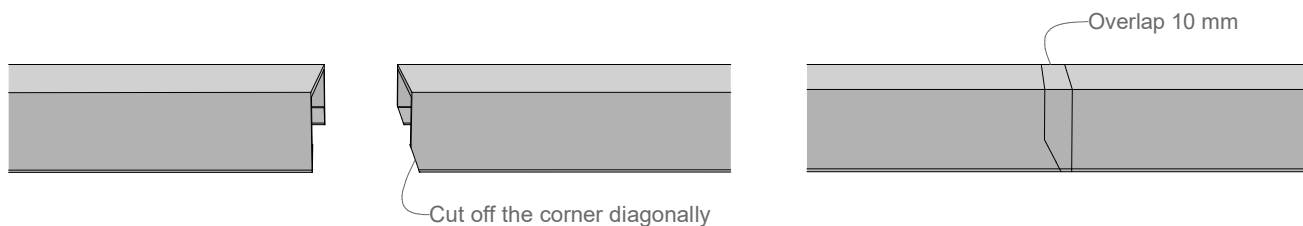
Scheme 10.7

Front wall roofing sheet:



Scheme 10.8

10.12 If the front wall sheet consists of two parts, align the sheets by overlapping them by 10 mm, as shown in Scheme 10.9.

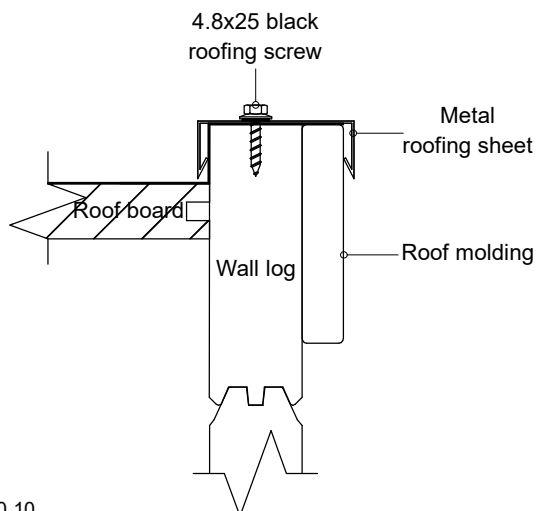


Scheme 10.9

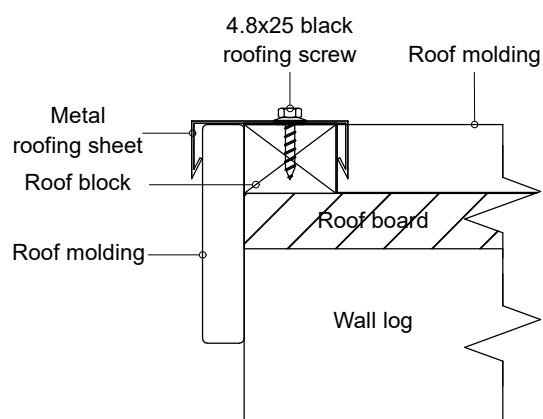
10.12 Secure all the roofing sheets to the side walls and the roof block at the front using 4.8x25 black roofing screws. Space the screws approximately 300 mm apart, as shown in Scheme 10.10.



Side wall metal roofing sheet:



Front wall metal roofing sheet:



Scheme 10.10

Congratulations on a job well done!

You've successfully completed the installation and will soon be able to enjoy your new sauna.

Before your first use, please take a moment to read the maintenance and warranty guide, and make sure to complete the necessary actions. Enjoy your relaxing sauna experience!

Maintenance

Before using the sauna for the first time, it's essential to treat the interior surfaces, window frames of the steam and anteroom, and the interior door frames with a specialized protective solution. This will shield the wood from humidity and dirt, ensuring lasting durability. Regular maintenance will keep it looking and performing at its best!

We also strongly recommend treating the benches and footrests with a protective oil to extend their lifespan. This treatment should be repeated once or twice a year to maintain their condition.

Here are a few suitable products for sauna protection, but feel free to explore similar options available locally:

- TEKNOS Satu Saunasuoja
- Tikkurila Supi Saunasuoja

Prior to the sauna's initial use and then annually thereafter, it's important to treat the door, doorframe, threshold, window frames, and the floors of the anteroom with lacquer. This will help protect these surfaces and maintain their appearance over time. For this, we recommend:

- Teknos Helo Aqua 40

You can also check out other similar options available at your local stores.

The exterior surfaces of the sauna should receive their first protective coating immediately after installation. A second coating should be applied about two months after purchase to help maintain its appearance and protect against UV damage. For this, we recommend:

- Remmers Aidol HK-Lasur

Please note that the seller is not liable for any damage caused to the sauna due to insufficient maintenance or lack of maintenance altogether.

Warranty

The products come with a 24-month warranty period covering material and production defects, effective from the delivery of the sauna to the client.

The warranty is valid only if the user has reviewed and follows the user manuals. It does not cover natural characteristics of wood, such as discoloration or cracks resulting from fluctuating or excessive humidity.

Additionally, the warranty does not cover normal wear and tear or any damage caused by incorrect installation or use. Damage resulting from thunder or other weather phenomena is also excluded.

The warranty will be voided if attempts are made to change or fix the product independently, or if it is not used for its intended purpose. Improper storage conditions will also void the warranty.

To ensure the warranty remains valid, the buyer must inform the seller of any defects within a reasonable timeframe (7 days).