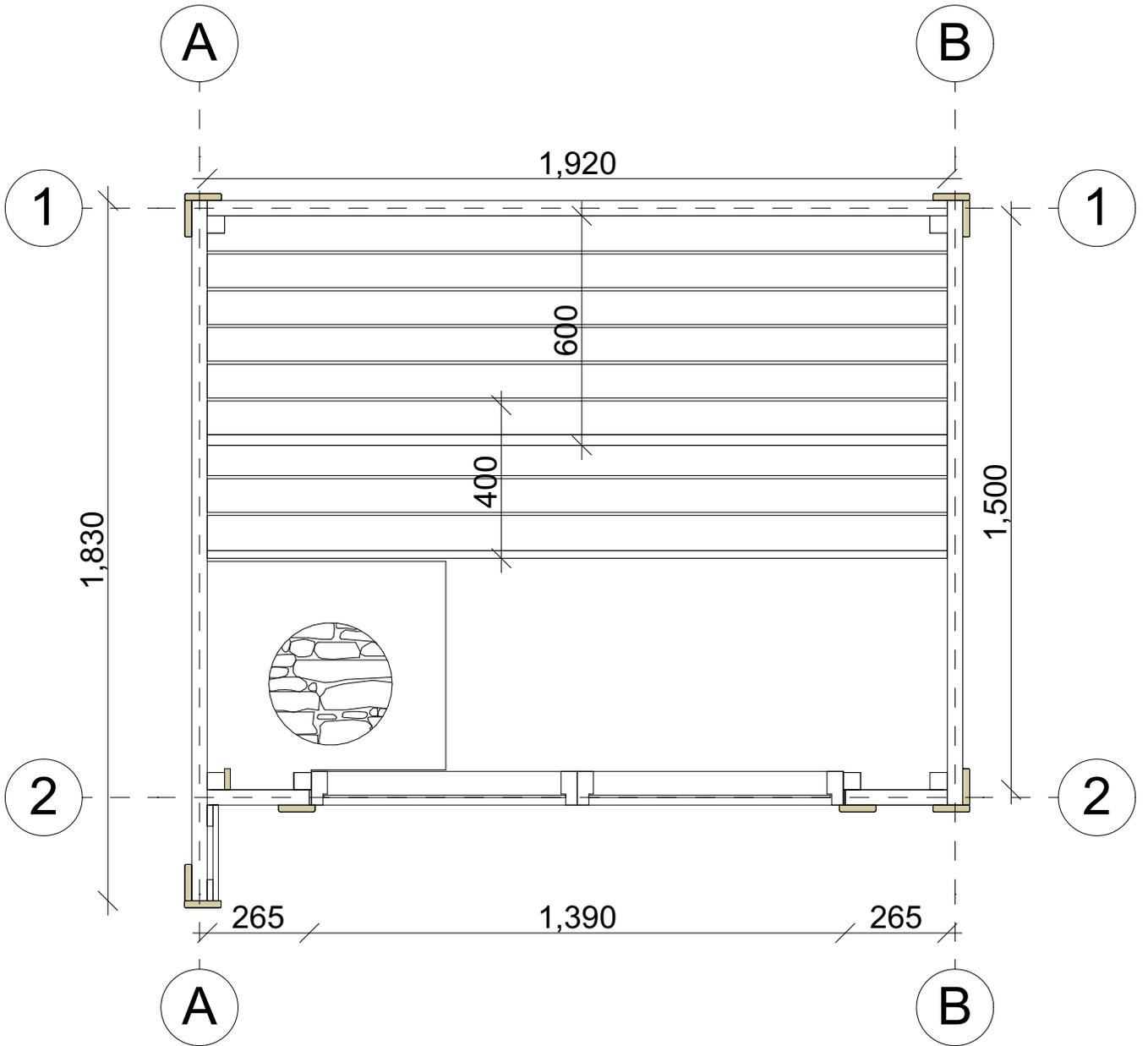


Patio Sauna



Main floor



Nr:

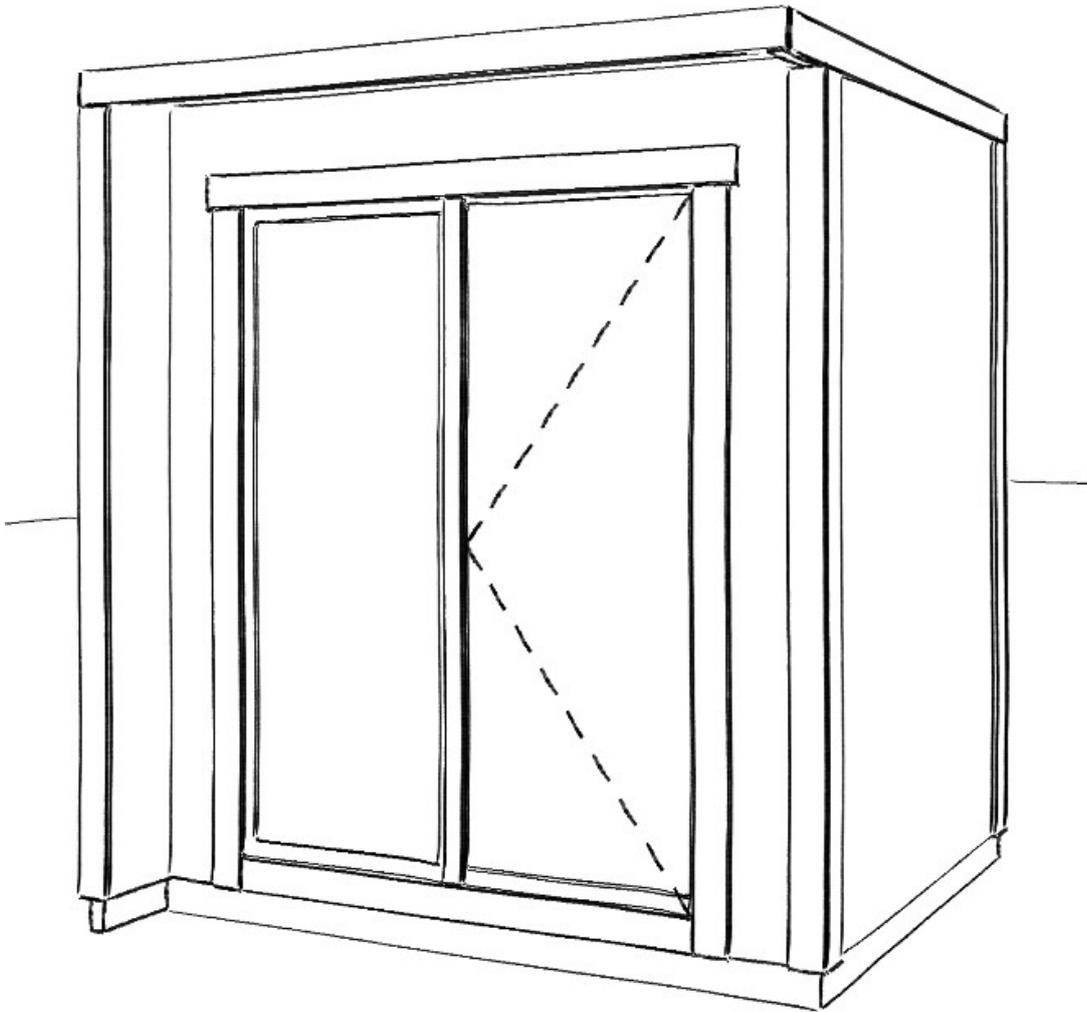
Model:

Client:

Project:

Extras:

Installation:



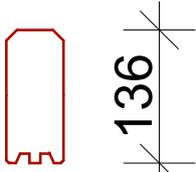
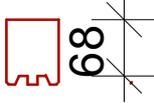
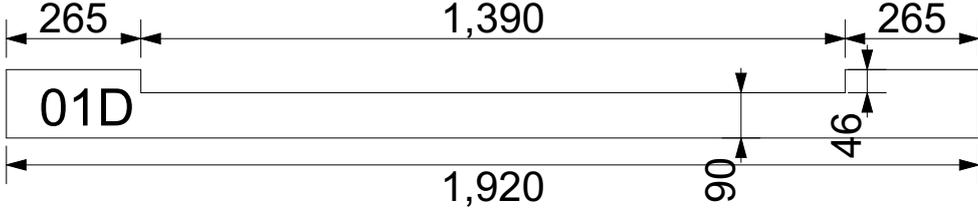
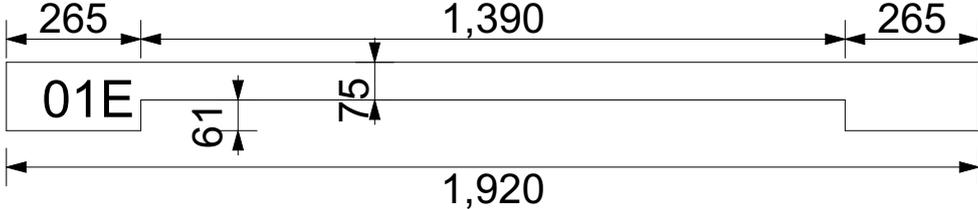
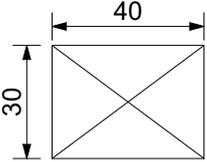
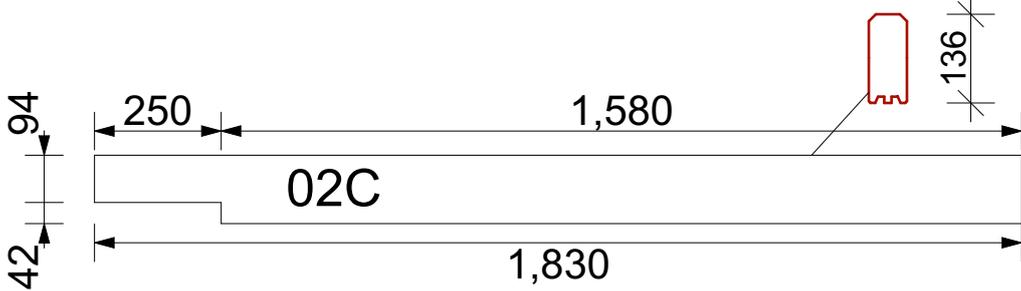
PATIO XXS

Wall logs

Marking		Note	length	pcs	
01	40x146 WALL LOG		1920	16	
EXTRA	40x146 WALL LOG		1920	1	
01B	40x146 WALL LOG	<i>Width 136 (drawing)</i>	1920	1	
01C	40x146 WALL LOG	<i>Width 68 (drawing)</i>	1920	1	
01D	40x146 WALL LOG	<i>Cutout (drawing)</i>	1920	1	
01E	40x146 WALL LOG	<i>Cutout (drawing)</i>	1920	1	
01F	40x146 WALL LOG	<i>BLOCK 40x30</i>	1920	1	
02	40x146 WALL LOG		1830	16	
02B	40x146 WALL LOG	<i>Width 136 (drawing)</i>	1830	1	
02C	40x146 WALL LOG	<i>Cutout (drawing)</i>	1830	1	
03	40x146 WALL LOG		1580	16	
04	40x146 WALL LOG		265	26	
	HITTING BLOCK			2	

Cutout drawings in a seperate page!

Cutout drawings:

<p>01B</p>	<p>1pcs</p>	<p>1920</p>		<p>Height 136mm</p>
<p>02B</p>	<p>1pcs</p>	<p>1830</p>		
<p>01C</p>	<p>1pcs</p>	<p>1920</p>		<p>Height 68mm</p>
<p>01D</p>	<p>1pcs</p>	<p>1920</p>	 <p>Window/ Door cutout 46mm</p>	
<p>01E</p>	<p>1pcs</p>	<p>1920</p>	 <p>Window/ Door cutout 61mm</p>	
<p>01F</p>	<p>1pcs</p>	<p>1920</p>	 <p>Block for roof</p>	
<p>02C</p>	<p>1pcs</p>	<p>1830</p>	 <p>Roof cutout 42mm, height 136mm</p>	

PATIO XXS				
<i>FLOOR FRAME 45x95</i>				
Marking		Note	length	pcs
AR-1	45x95 FLOOR FRAME		1915	8
AR-2	45x95 FLOOR FRAME		1825	1
AR-3A	45x95 FLOOR FRAME	CUTOUT	1570	1
AR-4	45x70 FLOOR FRAME	45x70!	1915	1
<i>Roof board, floor board (24x120)</i>				
Marking		Note	length	pcs
KL-1	24x120 ROOF BOARD		1860	18+2
PL-1	24x120 FLOOR BOARD		730	36
<i>POSTS, BEAMS, FRAMES (45x45, 45x95)</i>				
Marking		Note	length	pcs
P-1	45X45 CORNER POST	<i>Cut to length</i>	2250	2
P-2	45X45 CORNER POST	<i>Cut to length</i>	2185	2
UR-1	45x45 DOOR FRAME		1950	2
T-2	45x45 BEAM FOR SAUNA CEILING		1830	2
UR-2	45x45 DOOR FRAME		1380	2
T-1	45x95 BEAM	45x95!	1918	1

PATIO XXS

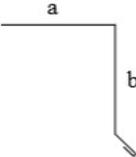
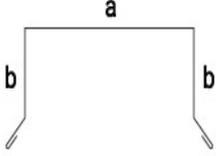
Mouldings, lining boards, water drainage detail

Marking		Note	length	pcs	
L-1	18x95 CORNER MOULDING	<i>Cut to length</i>	2345	2+1	
L-2	18x95 CORNER MOULDING	<i>Cut to length</i>	2250	6	
L-3	18x95 ROOF MOULDING		2036	1	
UL-1	18x95 DOOR MOULDING		1925	2	
L-4	18x95 ROOF MOULDING		1830	2	
UL-2	18x95 DOOR MOULDING		1570	1	
UL-3	18x95 DOOR MOULDING		1340	1	
DI-0	45x45 CORNER MOULDING		~2.1	4+1	
DI-1	15x55 DISTANCE BOARD FOR WALL, TEMPORARY SUPPORTS		2260	2+2	
DI-2	15x55 BASE- AND CEILING BOARDS		~2.1	6	
DI-3	15x55 DISTANCE BOARD FOR SAUNA CEILING		1915	1	
DI-4	15x55 DISTANCE BOARD FOR OUTSIDE LINING BOARDS		1830	2	
UL-4	15x55 DOOR MOULDING		1830	1	
STP-1	14x121 CEILING LINING BOARDS		1495	18+2	
STP-2	14x121 WALL LINING BOARDS		250	20+2	
VR-1	WATER DRAINAGE DETAIL		1900+	1	

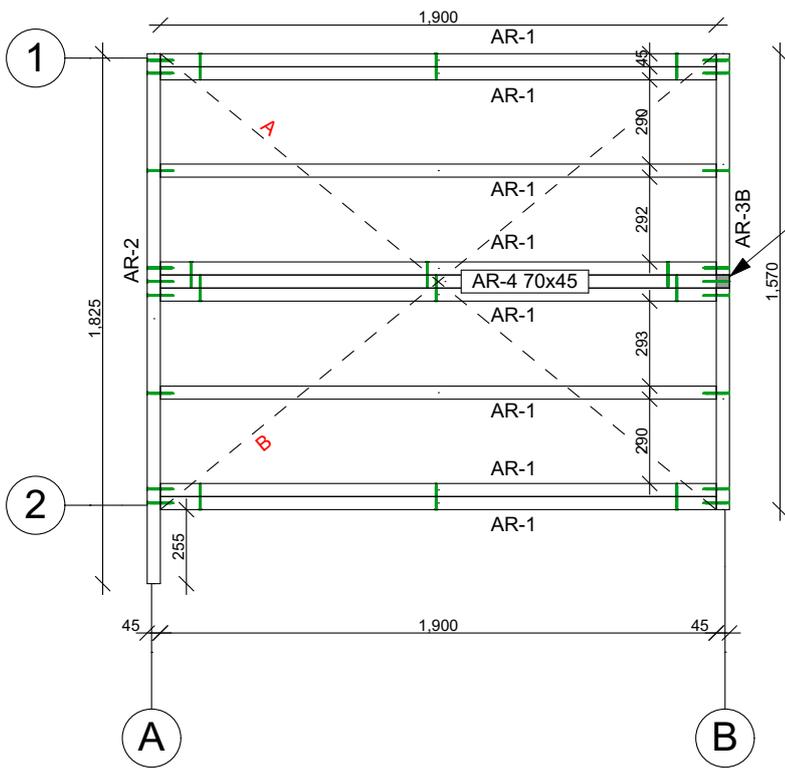
PATIO XXS				
EXTRAS				
Marking		Note	length	pcs
	SLOPE DETAIL UNDER FLOOR BOARD 3MM		1910	2
	SLOPE DETAIL UNDER FLOOR BOARD 6MM		1820	2
	SAUNA BENCH 600x1915			1
	SAUNA BENCH 400x1915			1
	SAUNA BENCH SUPPORT 45x45 SET			1
	SAUNA BACK RACK 266x1820			1
	SAUNA SKIRT 376x1915			1
	GLASS DOOR 88x690x1860 BRONZE PREMIUM HANDLE			1
	WINDOW 88x690x1860 BRONZE			1
	VENTILATION LOUVRE D=100 WOOD			1
	VENTILATION GRID D= 100			3
	SPU INSULATION 30x600x1200			5
	FOIL TAPE 10M			1
NAILS, SCREWS				
Marking		Note	length	pcs
	JOIST HANGER			2
	SCREW 5x40 FOR JOIST HANGER			20
	SCREW 6x180 FOR EVERY WALL LOG			200
	SCREW 5x90 FOR FLOOR FRAME			100
	SCREW 4.5x70 FOR WALL LOGS AND SAUNA BENCH SUPPORTS			400
	SCREW 3x40 FOOR DOOR AND CORNER MOLDINGS			100
	SCREW 3.5x50 FOR FLOOR BOARDS			200
	NAIL 40 FOR LINING BOARDS			200
	NAIL 70 FOR ROOF BOARDS			200

PATIO XXS

ROOF COVER EPDM (1,92x1.86m)

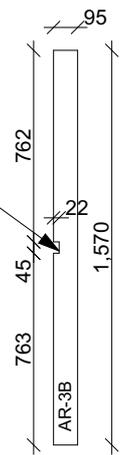
Marking	Note	length	pcs
	SCREWS FOR METAL ROOFING SHEETS		40
	4.2x25 WRONIC SCREW BLACK FOR BACK METAL ROOFING SHEET		10
	EPDM RUBBER ROOF COVER 2x3.05m	6.1	m2
	EPDM GLUE 2.5L	2.5	L
	EPDM QUICKPRIME (LITTLE CONTAINER)		1
	SPLICE TAPE		1930
	PAINT ROLLER+ HANDLE		1
	METAL ROOFING SHEET 1918mm		1
	METAL ROOFING SHEET 68mm WIDTH		2030 3

Floor Frame



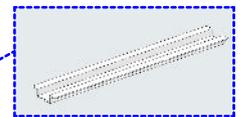
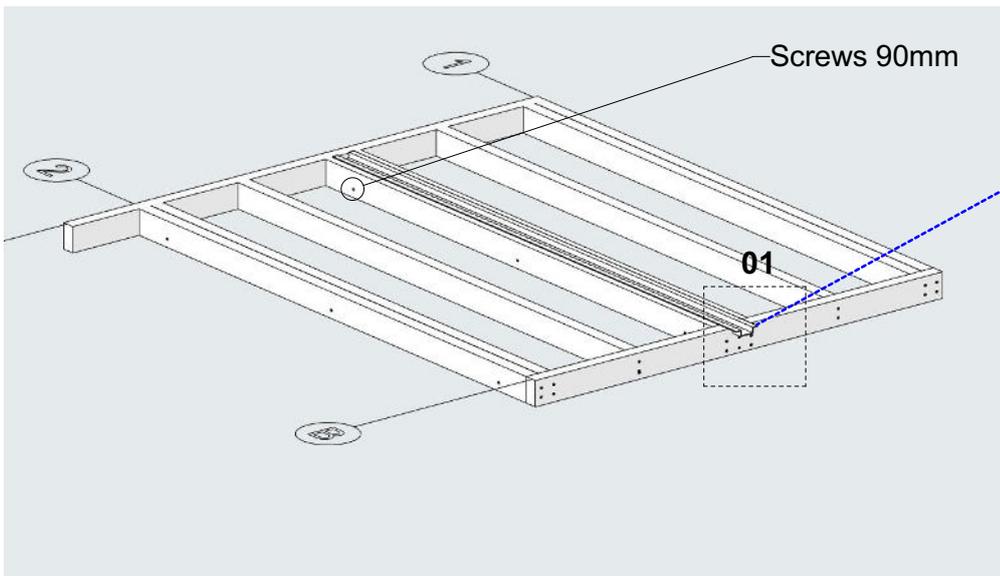
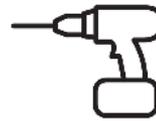
Screws 90mm

Floor frame detail AR-3B

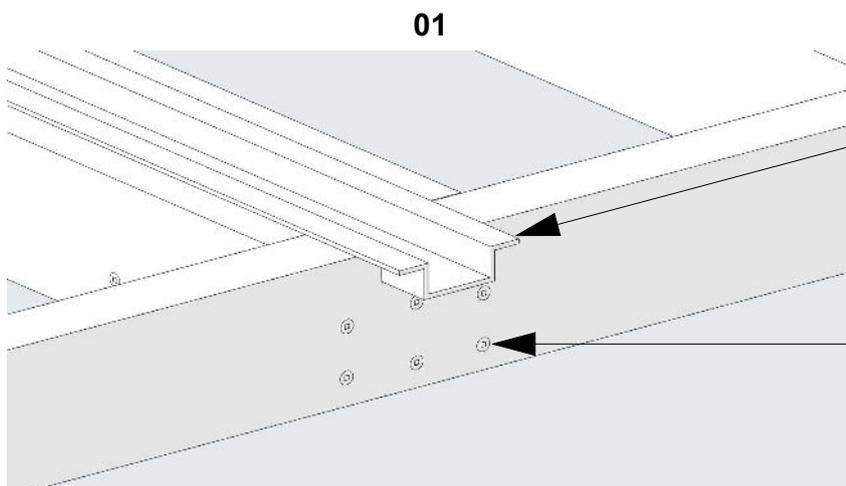


Cutout for water drainage

*Check floor frame diagonals A=B
*Use 90mm screws and battery drill



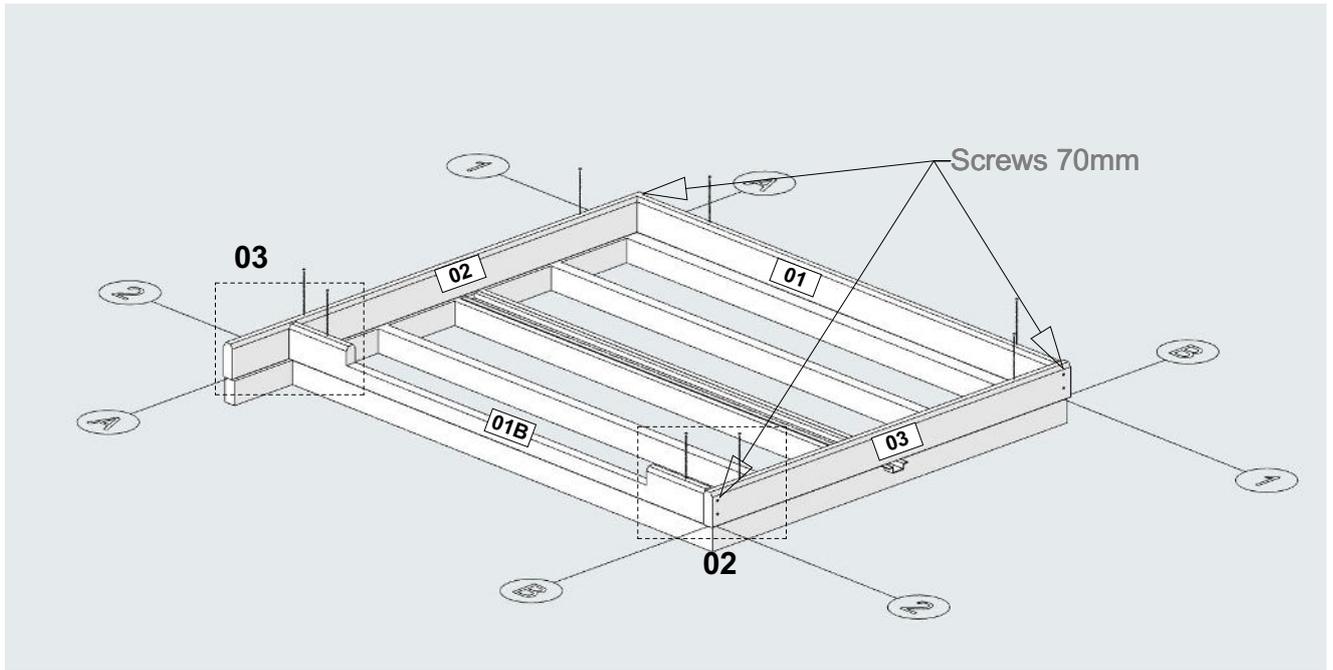
Install water drainage detail before first log wall row



Water drainage detail
Take care sharp edges!

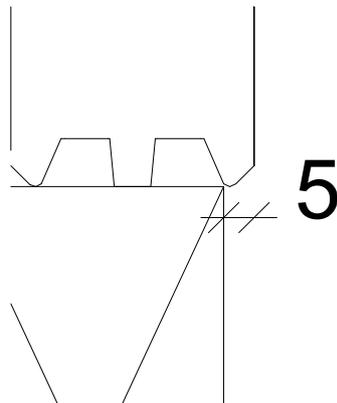
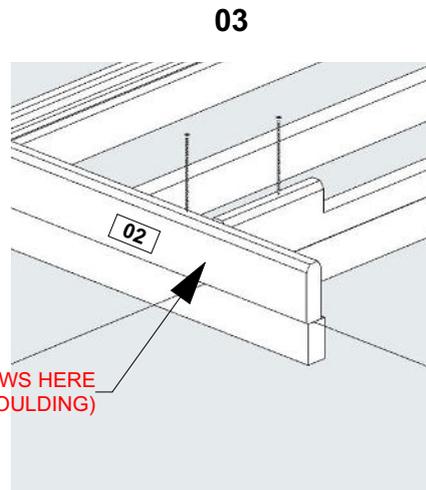
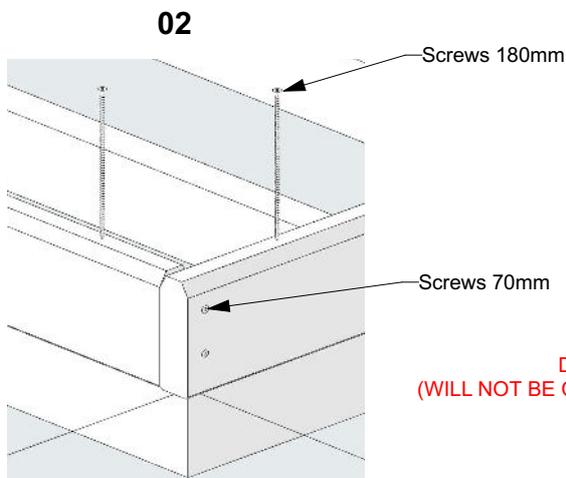
Screws 90mm

First row of the walls



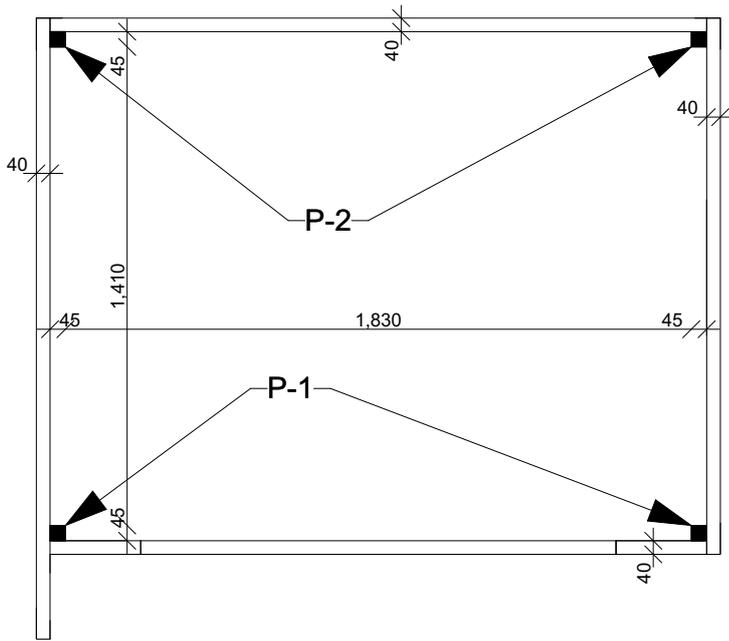
Fix wall details together with 70mm screws

Install first wall to with floor frame with 180mm screws (Suggestion: drill hole before for better insert of 180mm screws)

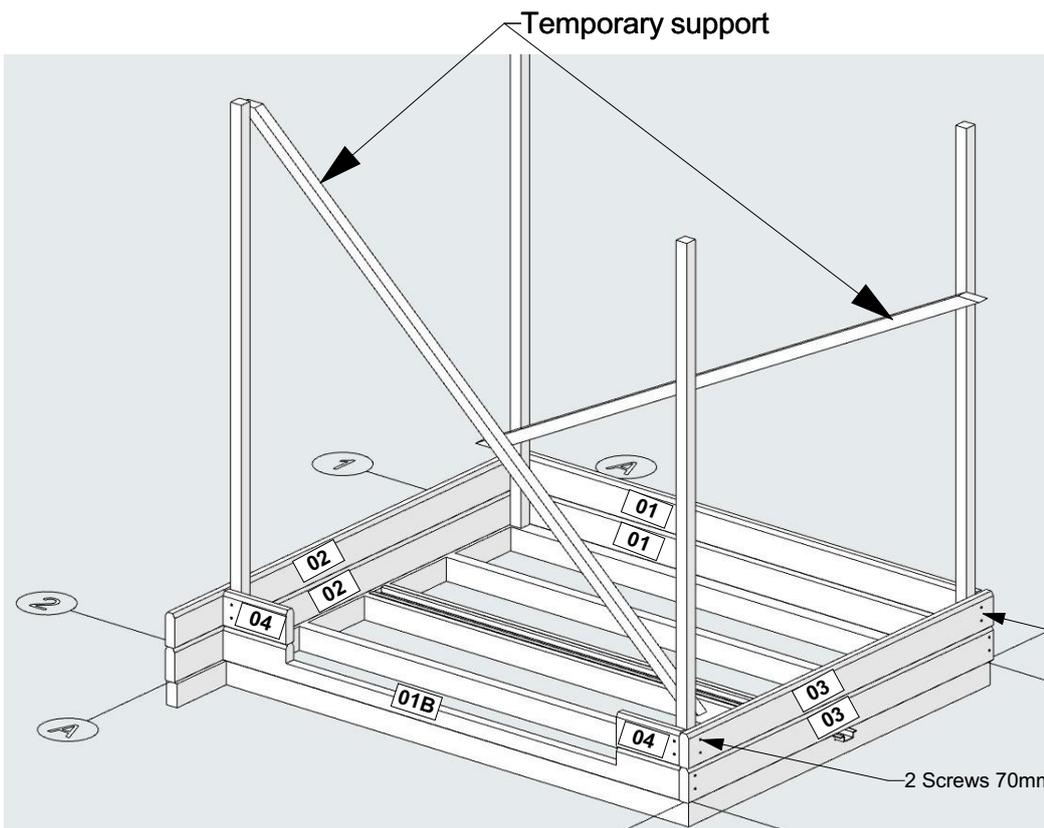
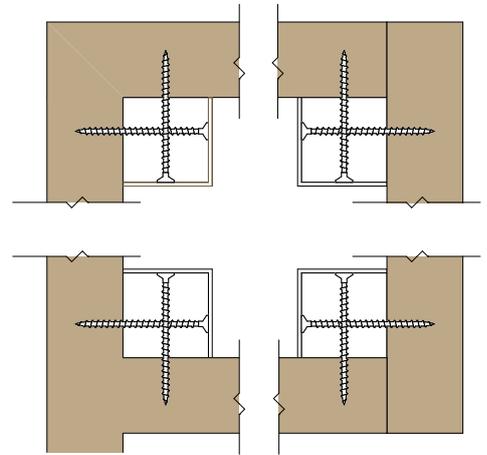


*Leave 5mm gap outside with floor frame and 1st wall row

Posts



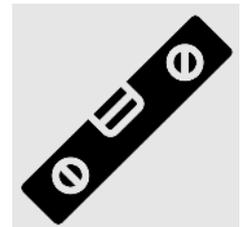
Install screws 70mm from outside as shown in scheme:



Use battery drill



Use level tool



2 Screws 70mm

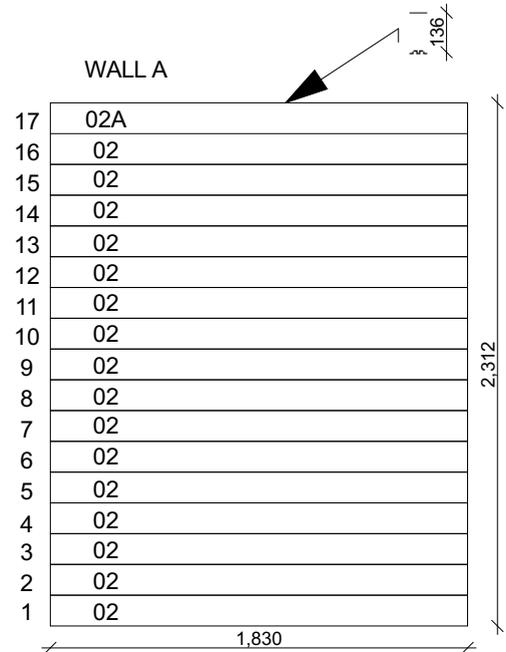
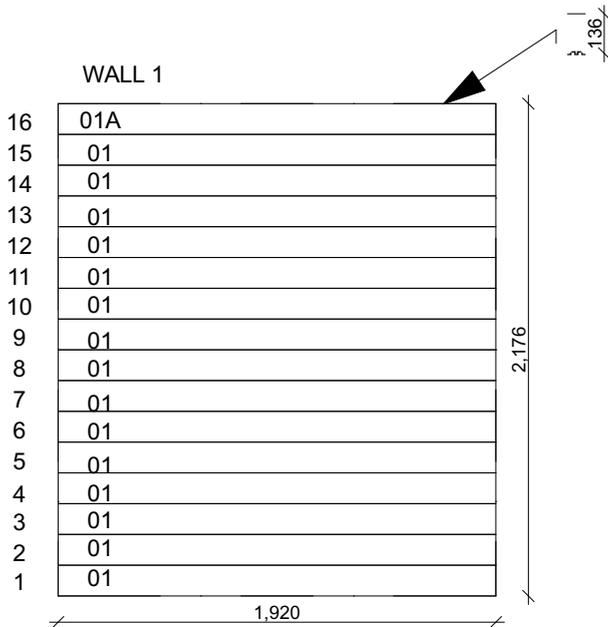
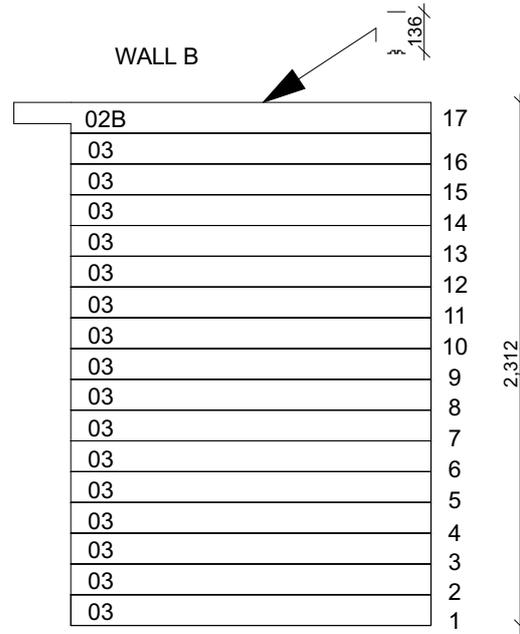
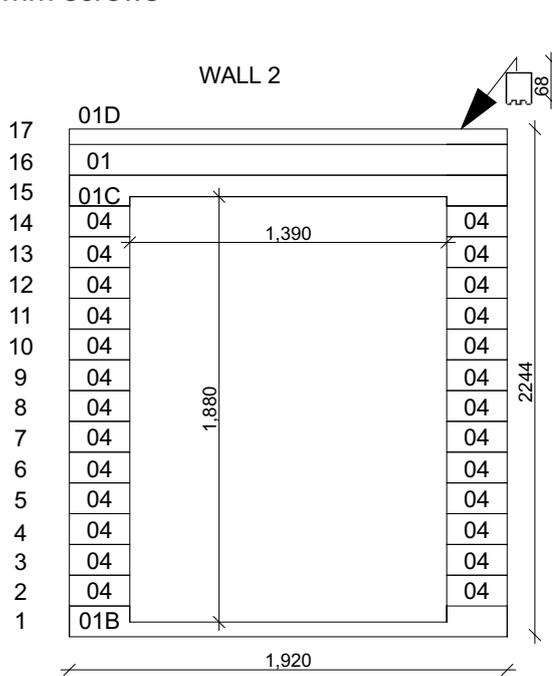
2 Screws 70mm

Use screws 70mm and battery drill to fix walls to posts

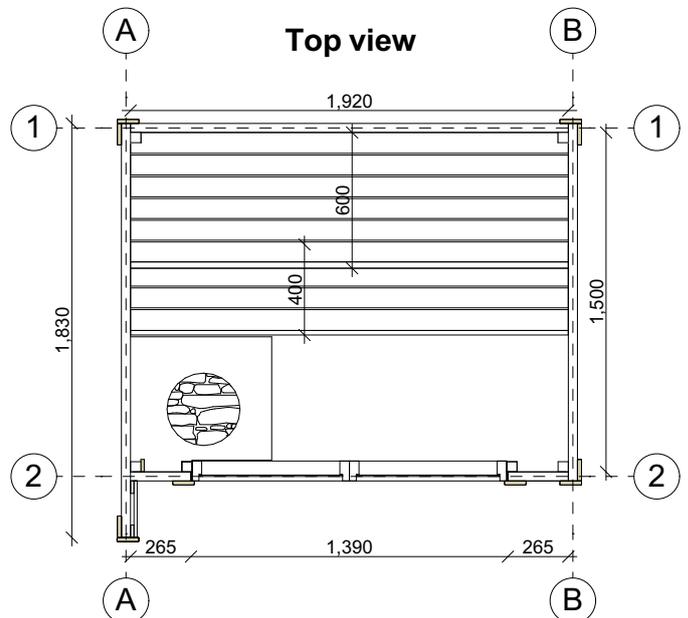
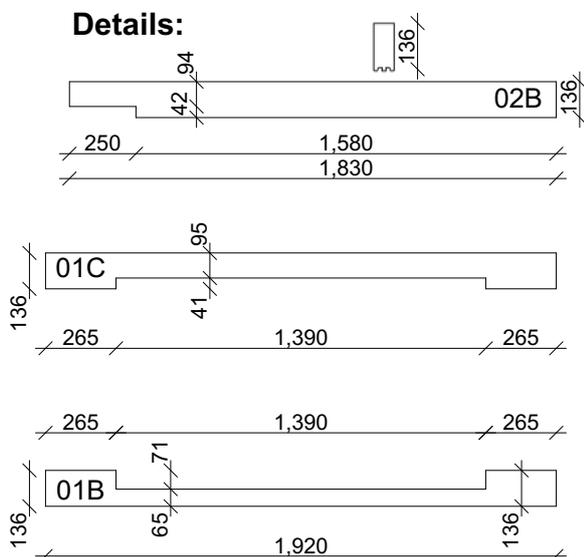
Use temporary supports to level the walls

Fix every wall log vertically with 180mm screws

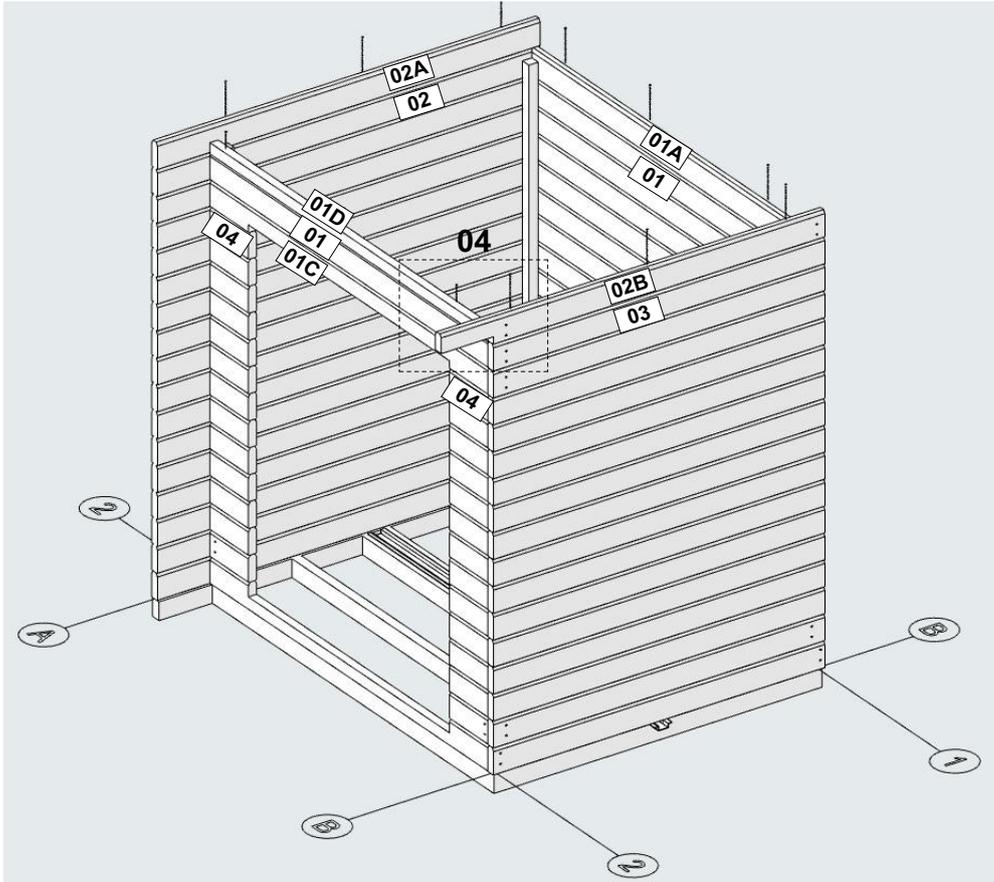
Wall layouts



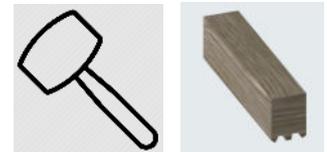
Details:



Last row



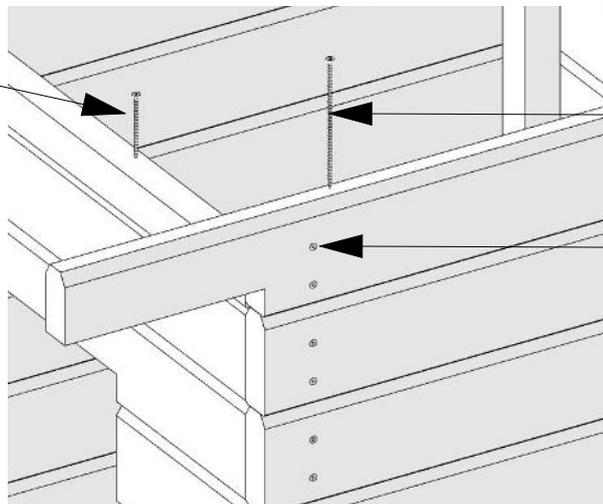
*To install wall logs use rubber hammer and hammer block



Install last wall detail to the second to last wall detail with 180mm/90mm screws
(suggestion: drill hole before for better insert of 180mm screws)

04

Screws 90mm
(only wall 2)

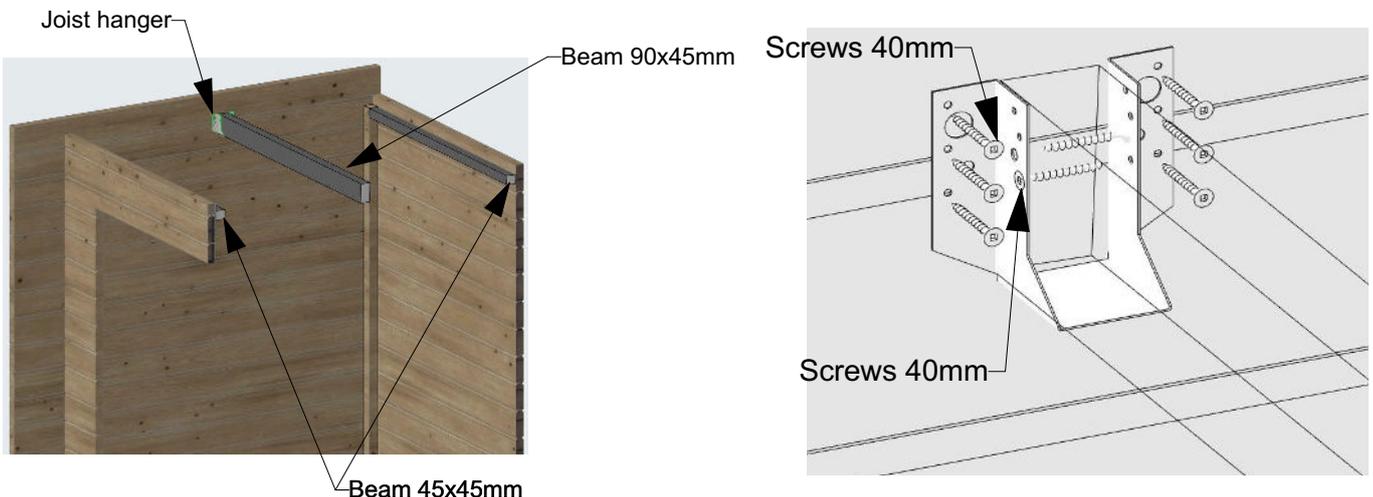
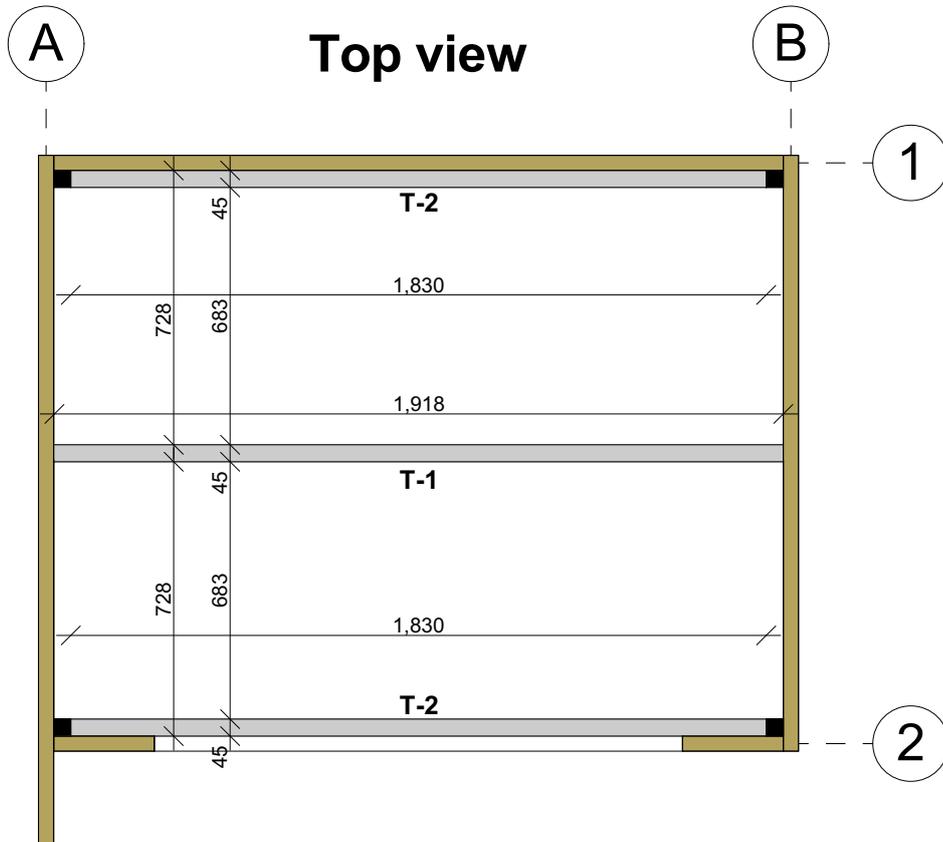
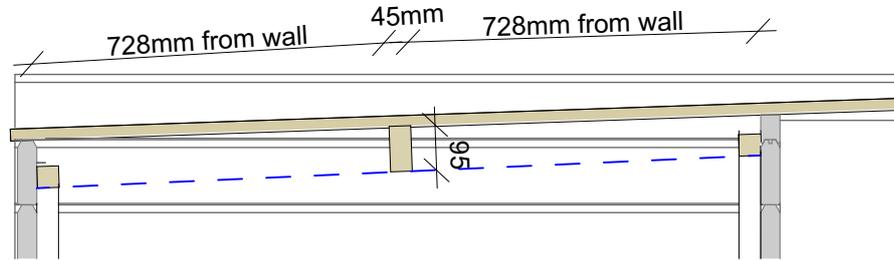


Screws 180mm

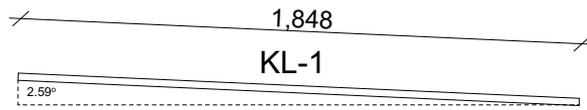
Screws 70mm

Ceiling beams and joist hanger

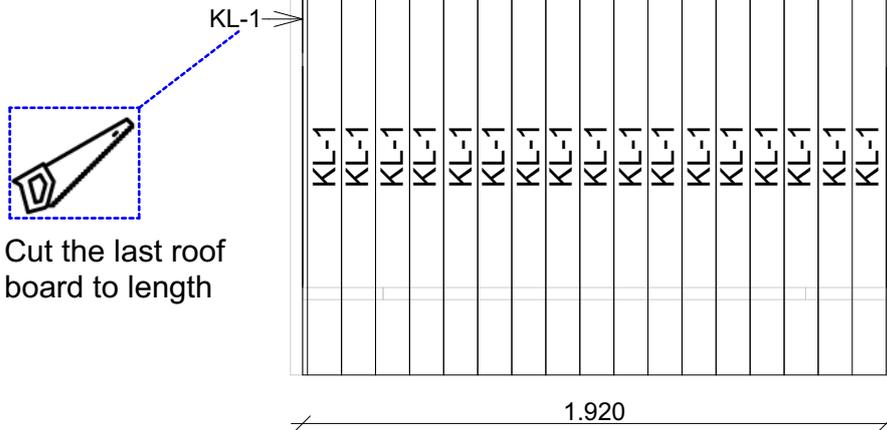
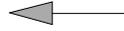
Temporarily attach roof board on top of front and back wall. Measure out 95mm from roof board (downward) and 728mm from the wall for the joist hanger



Roof boards

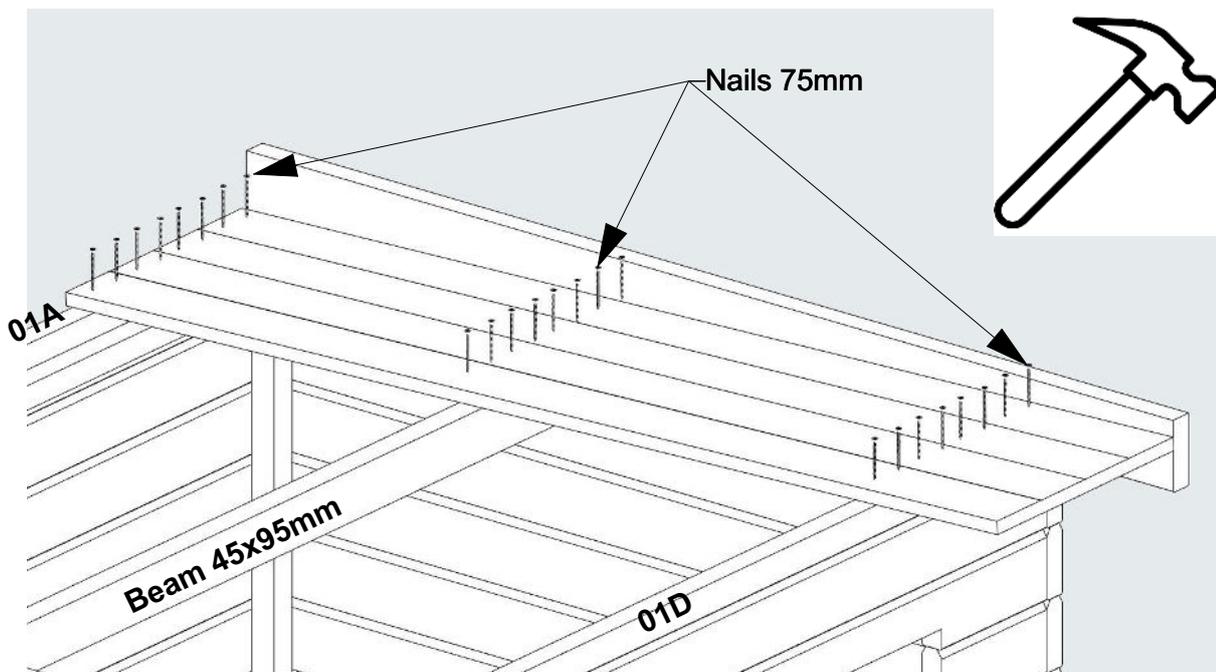


*Start from right side (wall B)

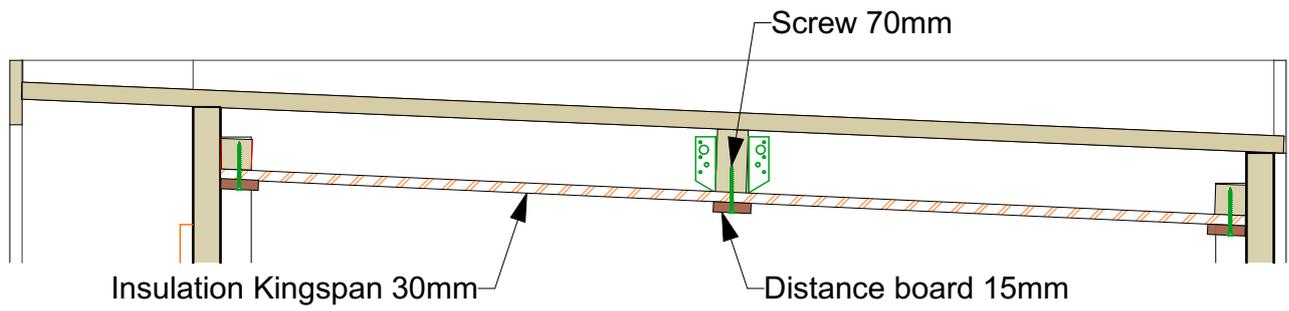


Cut the last roof board to length

*Use 6 nails per roof board



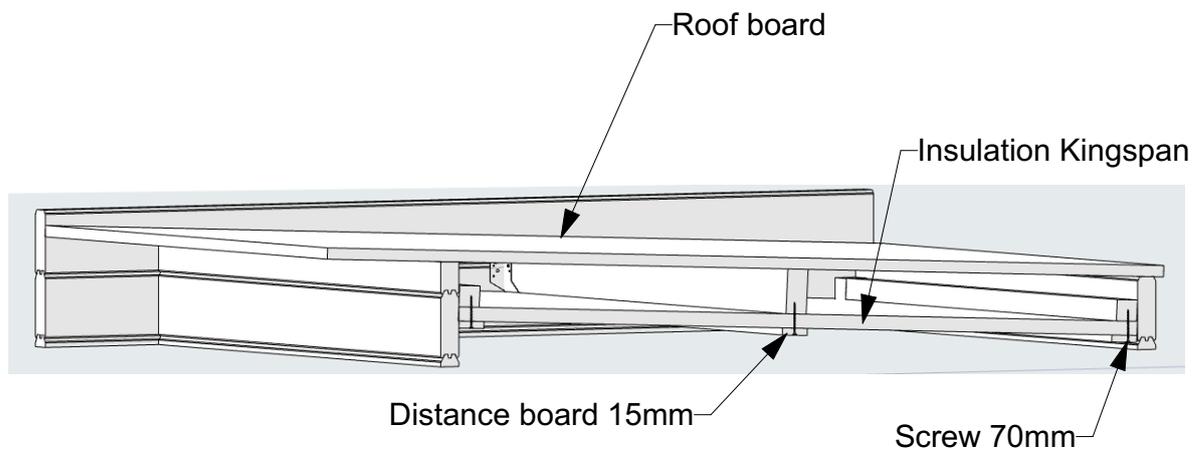
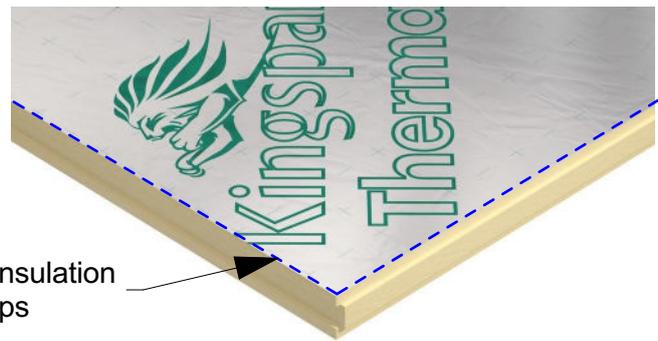
Insulation



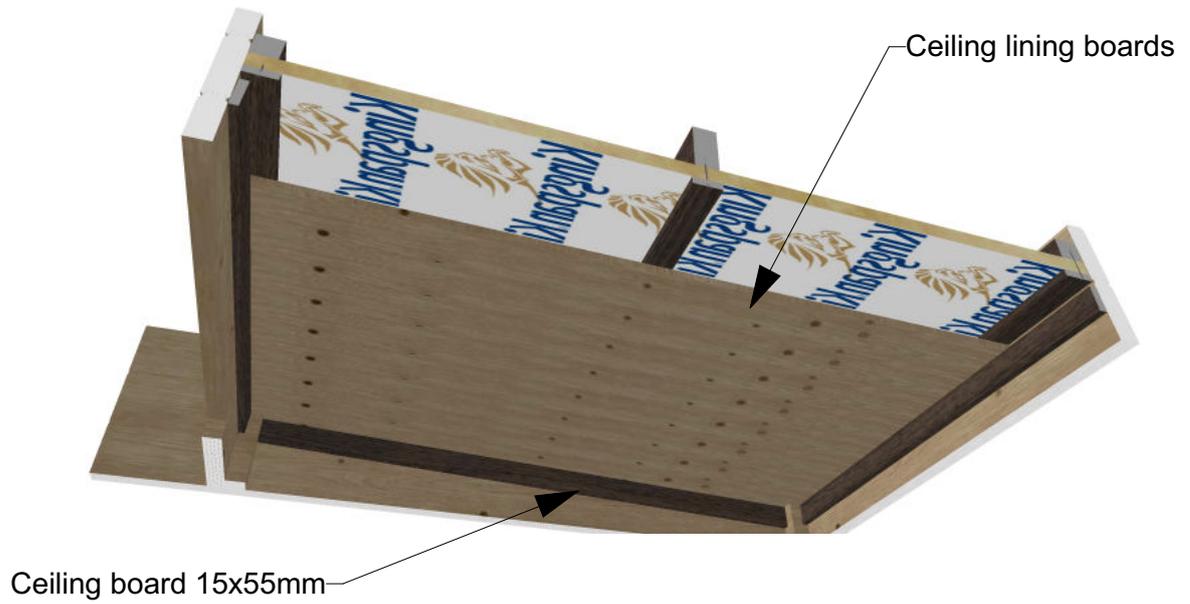
Install the SPU insulation to the beams/ rafters with the distance board and 70mm screws



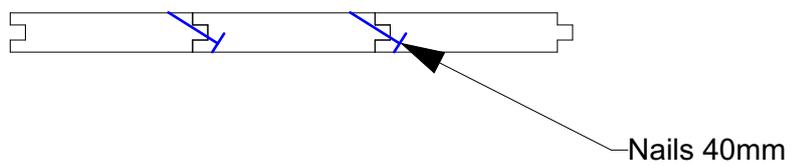
Use tape for SPU insulation overlaps



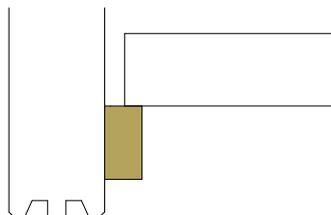
Ceiling boards



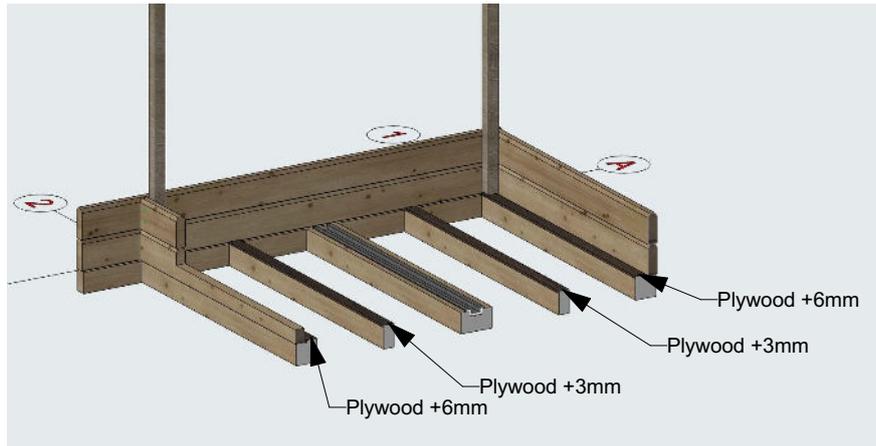
Fix ceiling lining boards with 40mm nails as shown :



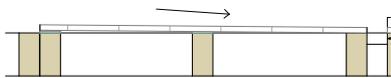
Leave ~3mm gap between ceiling lining board and log wall



Floor boards

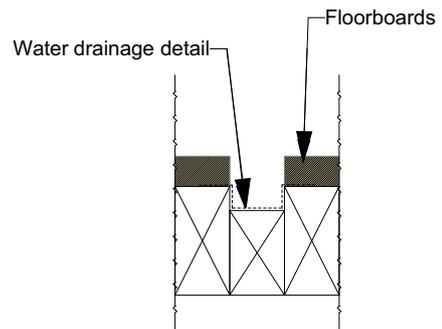
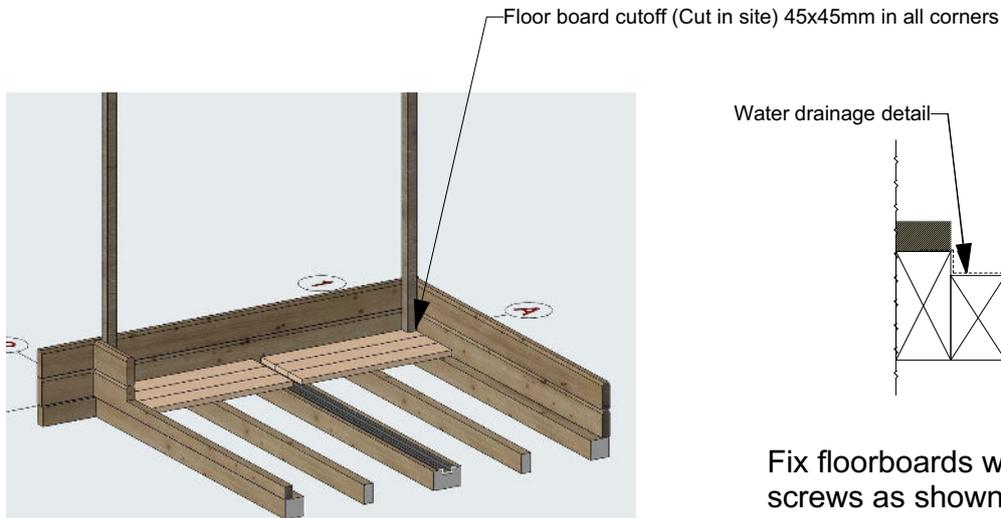


Section floor boards incline

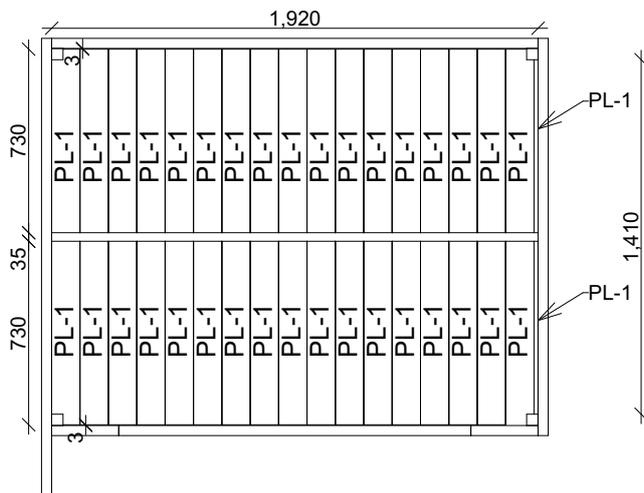


Apply plywood (3 and 6mm) to give floor board incline for water drainage

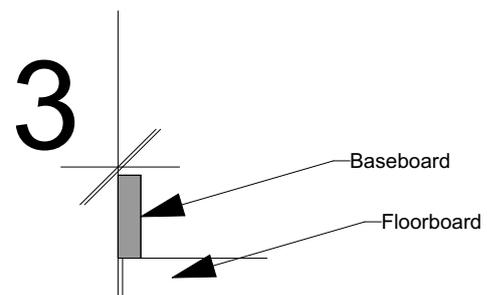
Install water drainage detail before floor boards



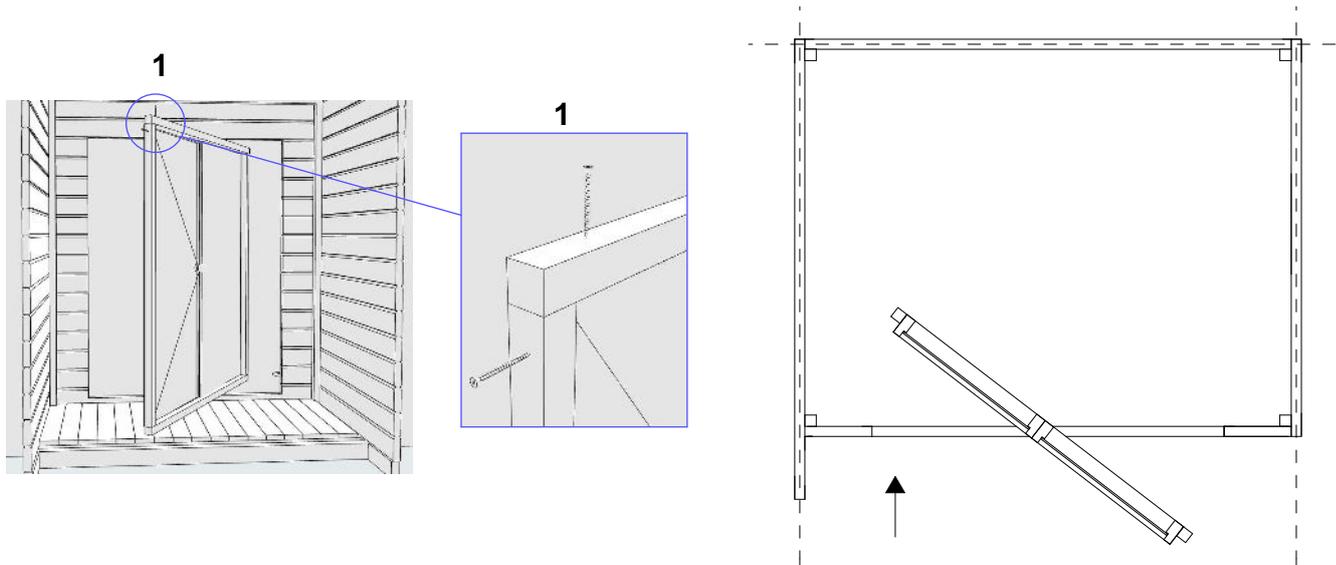
Fix floorboards with 40mm screws as shown :



Leave ~3mm gap between floor board and wall

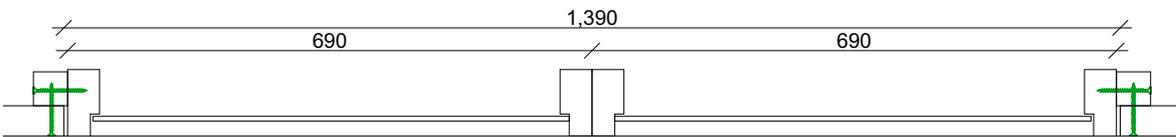


Door and window

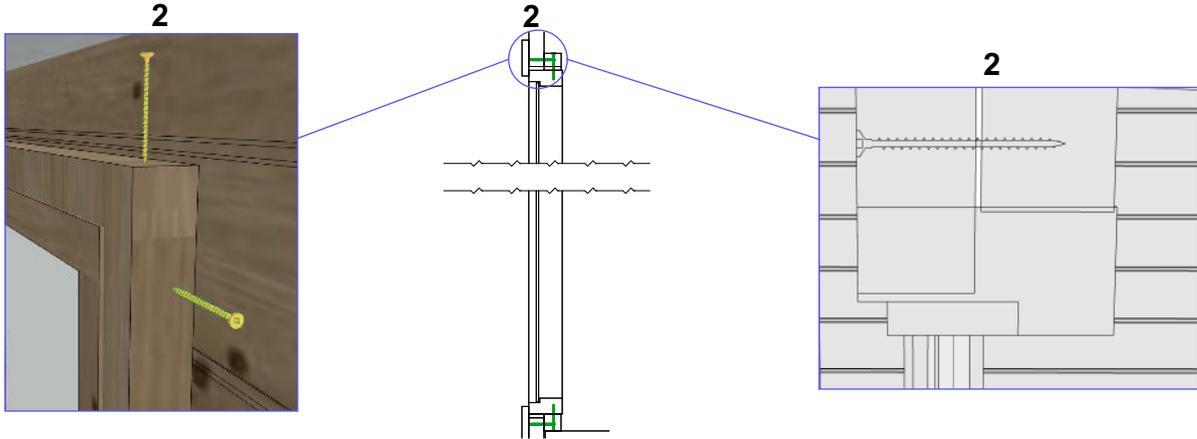


Fix the door frame to the door leaf. Fix with 70mm screws.
Lift the door in place sideways as shown, then fix the door leaf to the log wall from outside

Door top view

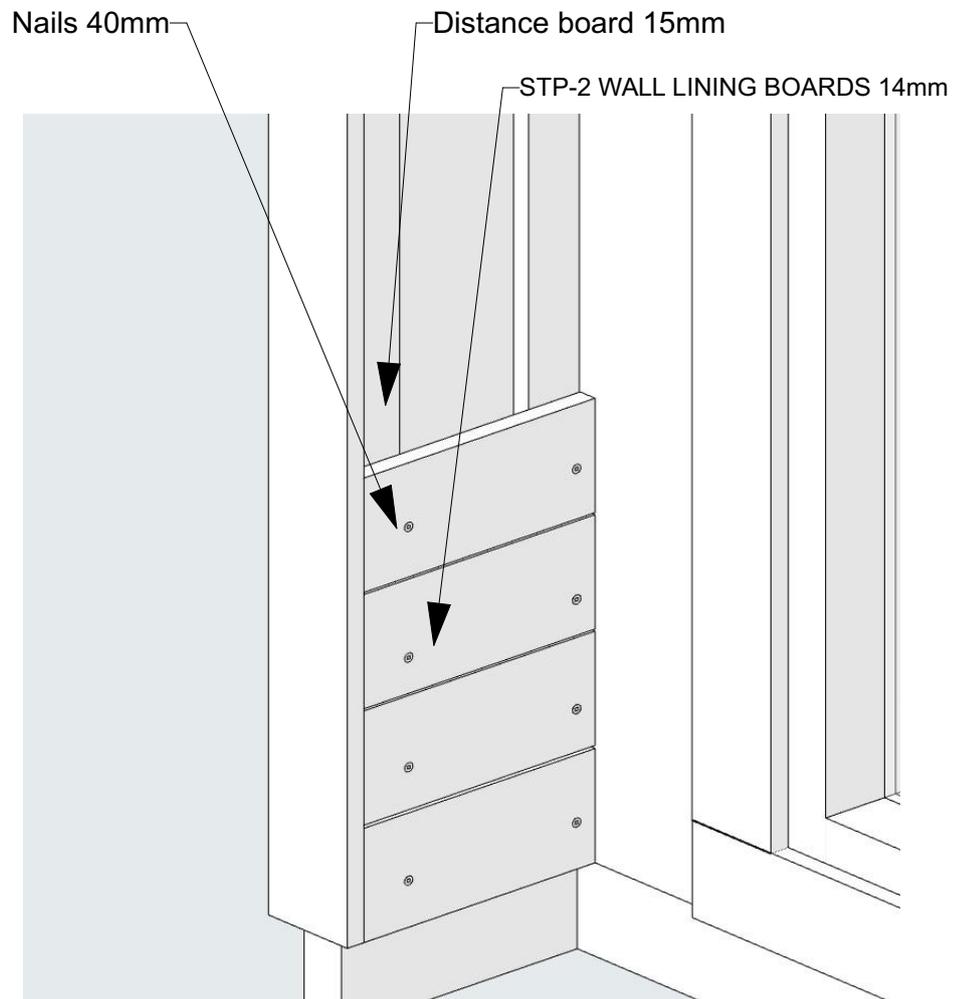
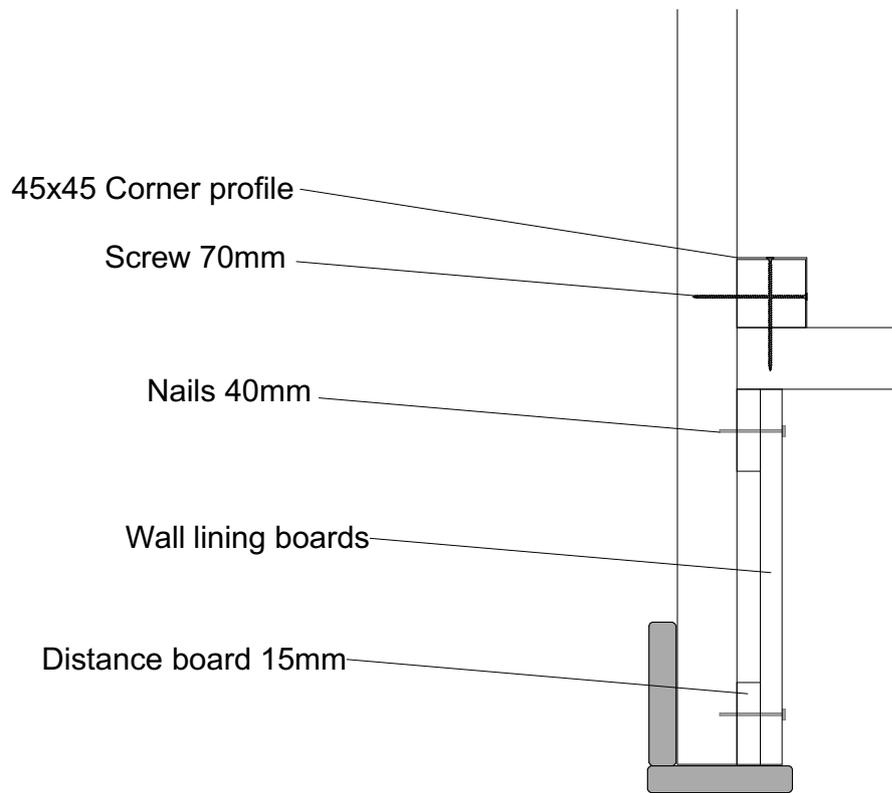


Door side view



These screw holes will be covered with door moulding

Outer lining boards



Mouldings

*Cut mouldings (L-1 and L-2) to length

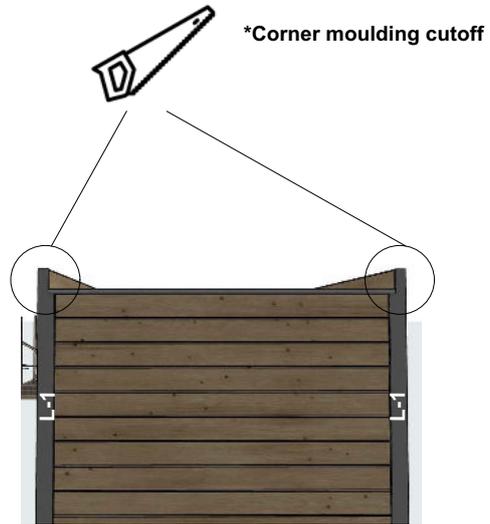
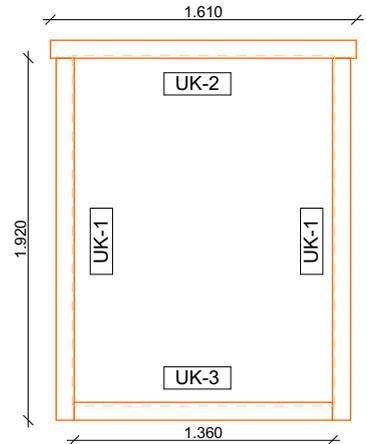
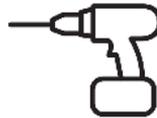


*Attach door Mouldings

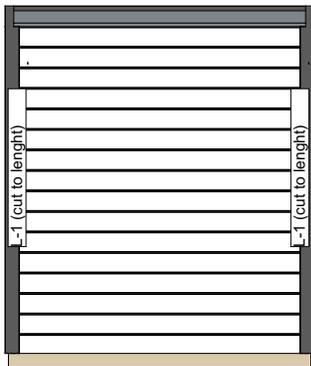
* Use 3x40mm screws to attach corner mouldings and door mouldings



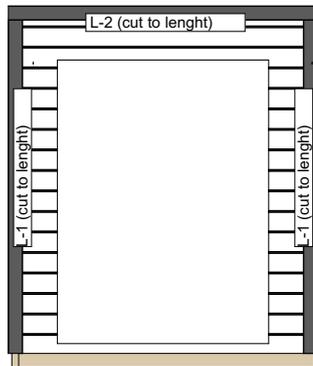
Use battery drill



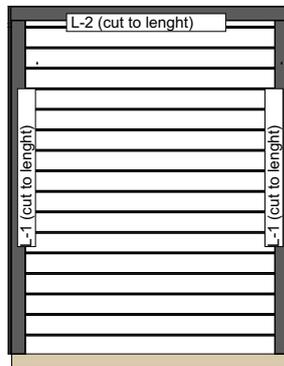
Wall 1



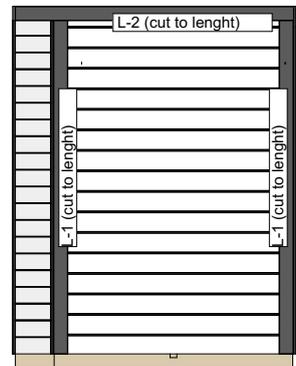
Wall 2



Wall A

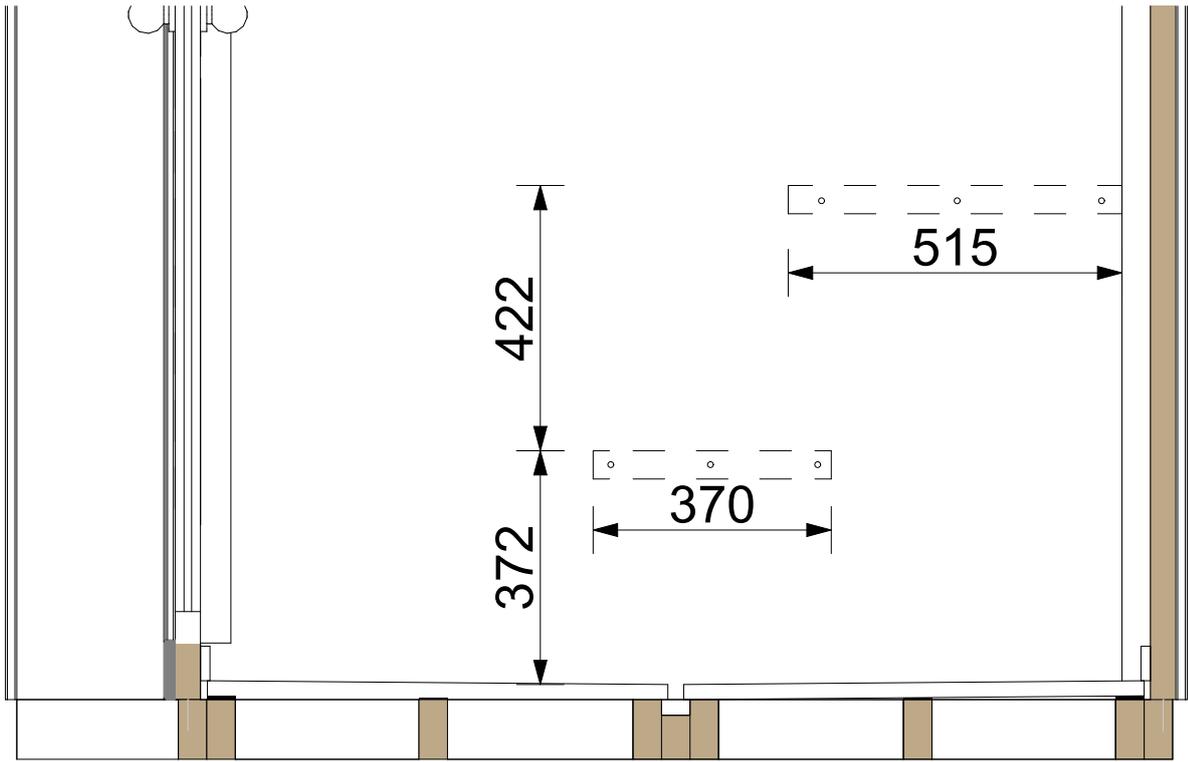


Wall B



Sauna Benches

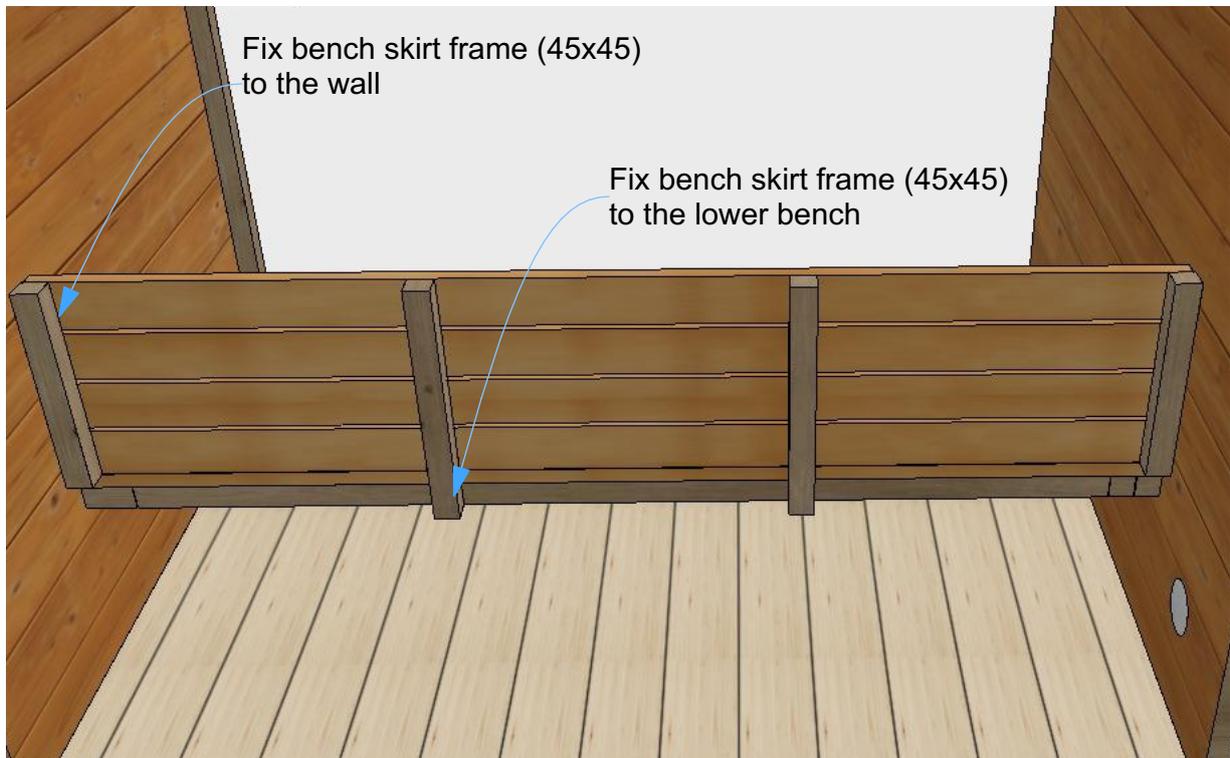
- 1. Fix upper and lower bench supports (45x45) to the wall with 70mm screws



2. Lift upper and lower bench on top of the supports

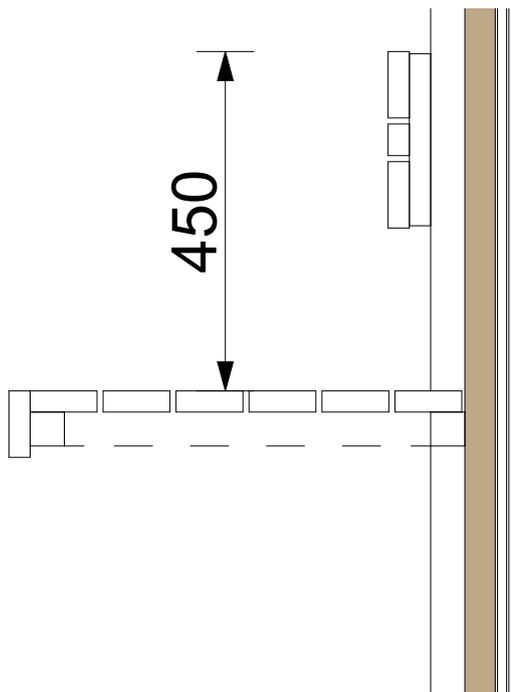


4.

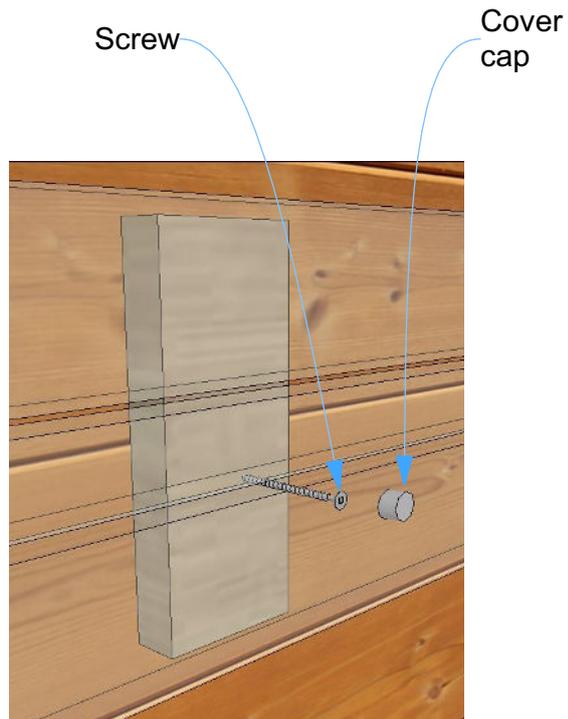


*Optional Back Rest

5. Install back rest approximately 450mm higher than top bench



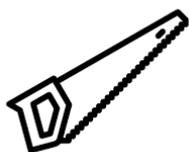
6. Cover screw holes with cover cap



Ventilation Louvre and ventilation grid

PATIO XXS

∅ =10cm



To install ventilation louvre and ventilation grid use saw or diamond drill bit.



Ventilation louvre wood



Ventilation grid

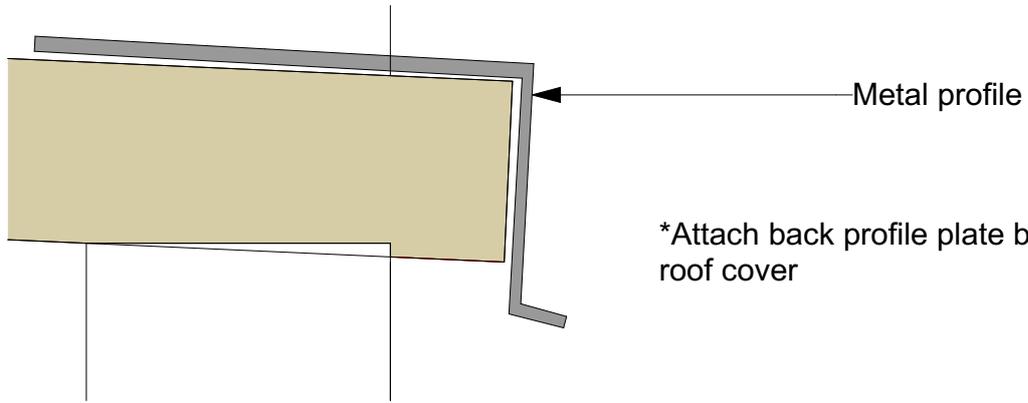
Install hole under
sauna ceiling



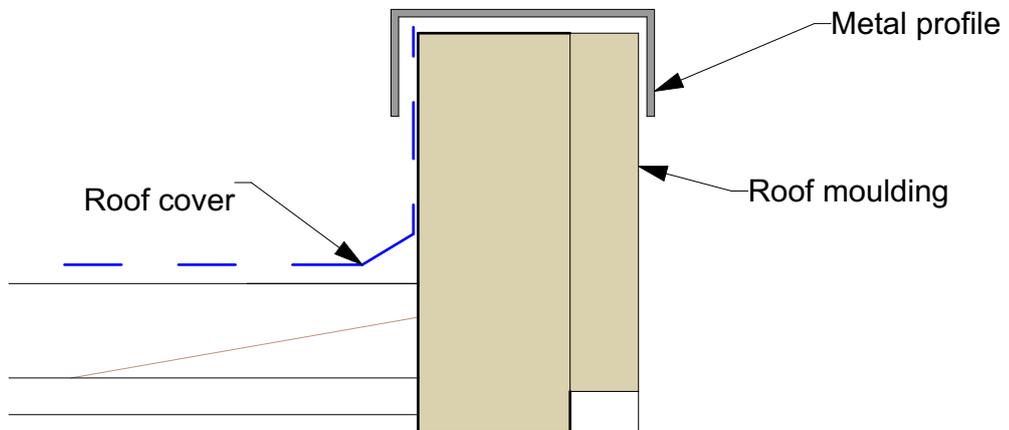
Install hole under
sauna benches

*Optional roof cover

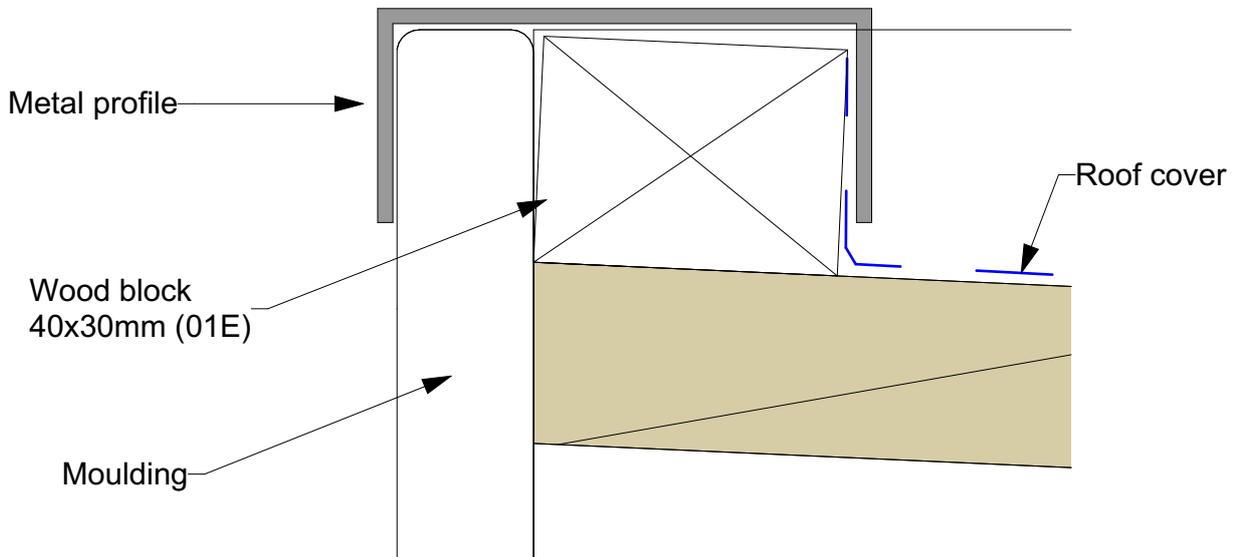
Back profile



Side profile



Front profile



EPDM roof cover

Tools:



SAFETY FIRTS!

IT IS RECOMMENDED TO USE GLOVES, SAFETY GLASSES AND RESPIRATOR WHEN APPLYING THE GLUE. ALSO APPLYING OF THE GLUE SHOULD BE DONE IN WELL VENTILATED AREA OR OUTSIDE!

1. Clean the roof surface from dirt, dust, ice , snow etc...
2. Check for defects before installing the roof cover.
3. Put the rubber roof cover in position and check for correct overhang.
4. Fold or roll the rubber roof cover and start applying the glue.
5. Apply the glue on the roof surface and on the rubber.
6. Wait until the glue is "Touch dry". (Nothing happens when the waiting time is too long)
7. Roll or fold the rubber roof cover in place, avoid air bubbles and wrinkles on the roof surface. Smoothen the roof cover with a broom or brush.
8. When the rubber roof cover is in place, cut the excess rubber.

1.
7.



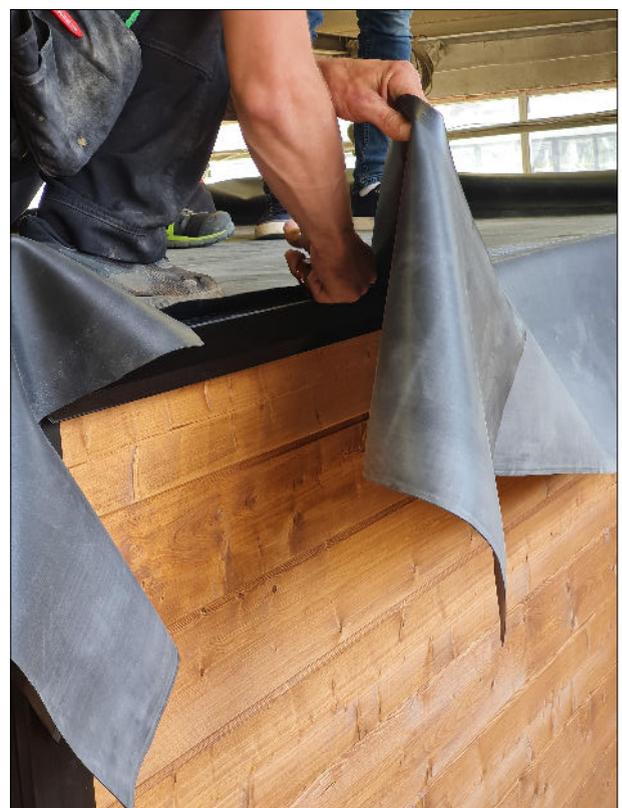
3.



5.

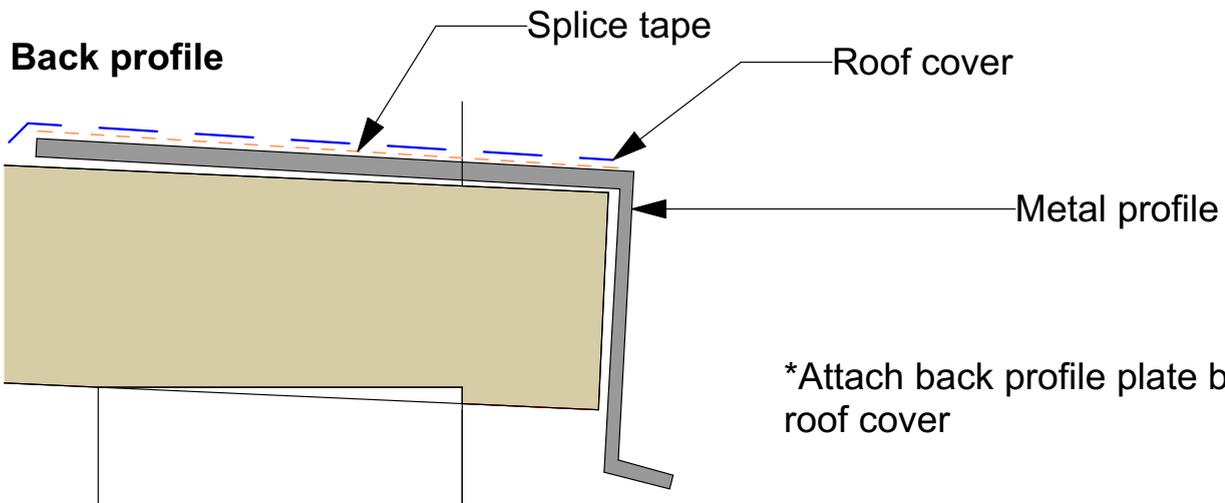


8.



EPDM roof cover

Back metal profile and rubber roof cover:

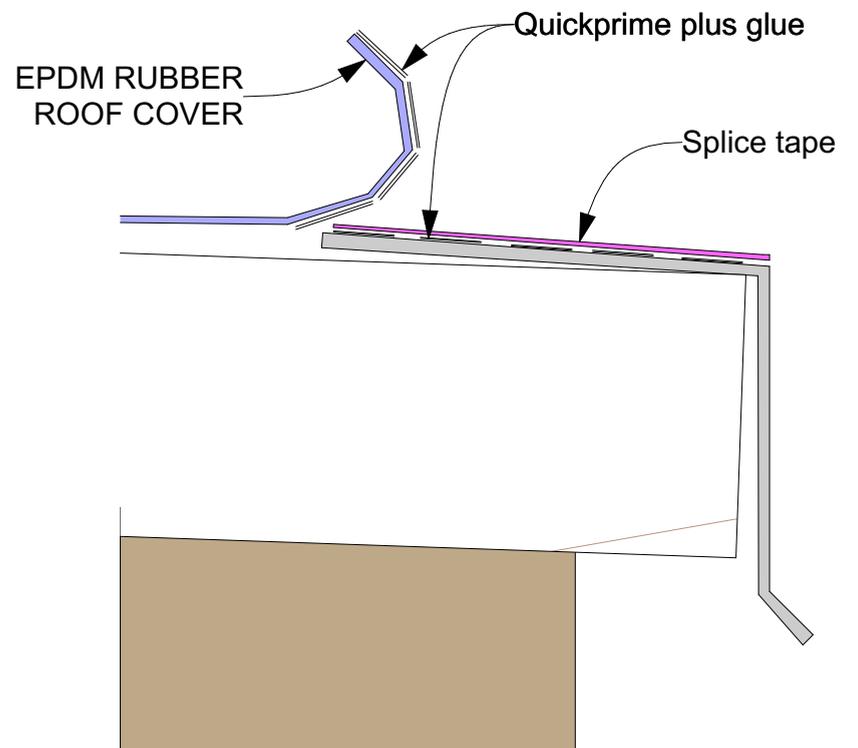


*Attach back profile plate before roof cover

When installing the back profile apply Quicprime plus glue on top of the metal profile. Then apply the splice tape (2 sided) on top of the metal profile.



Use Quicprime plus glue and apply it on the rubber surface and on the metal roofing sheet



Remove the top side of the splice tape and apply the glued rubber roof cover on top of the tape



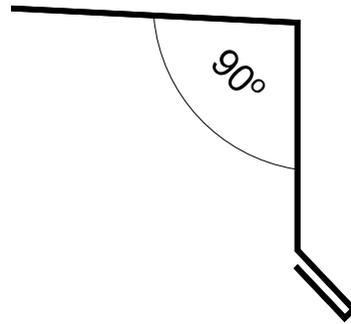
Remove the top side of tape

Patio metal roof profiles

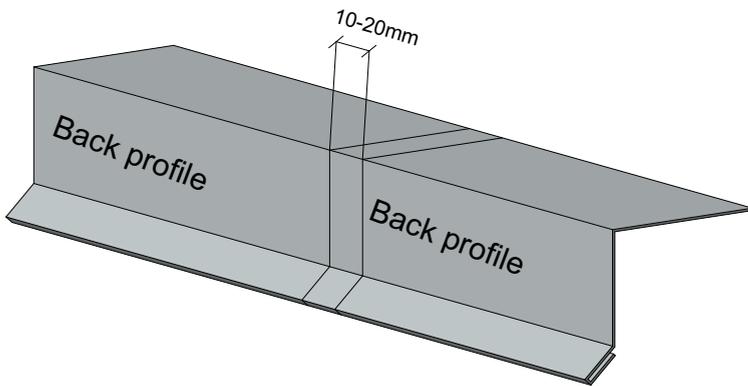
Side and front profile



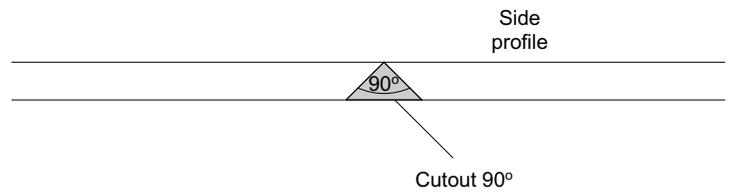
Back profile



*If there is 2 pieces of back profile, leave about 10-20mm overlap and fix with screws



Back corner:



Front corner:

