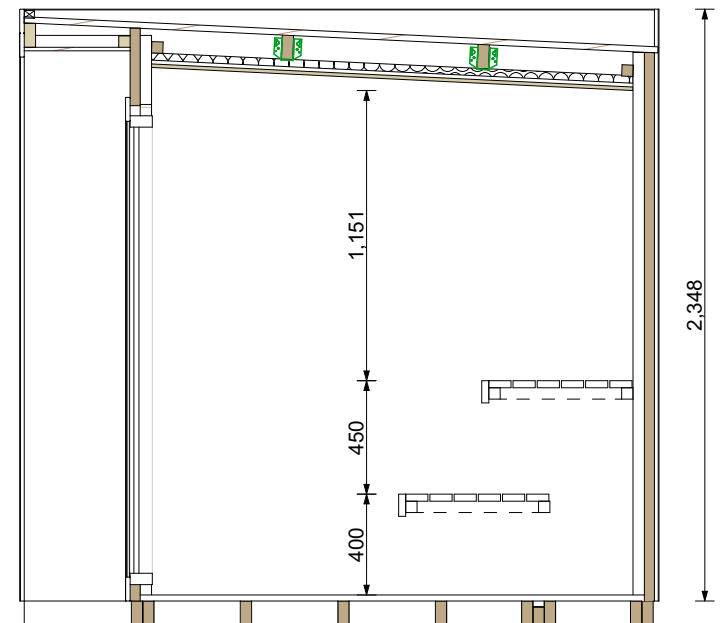
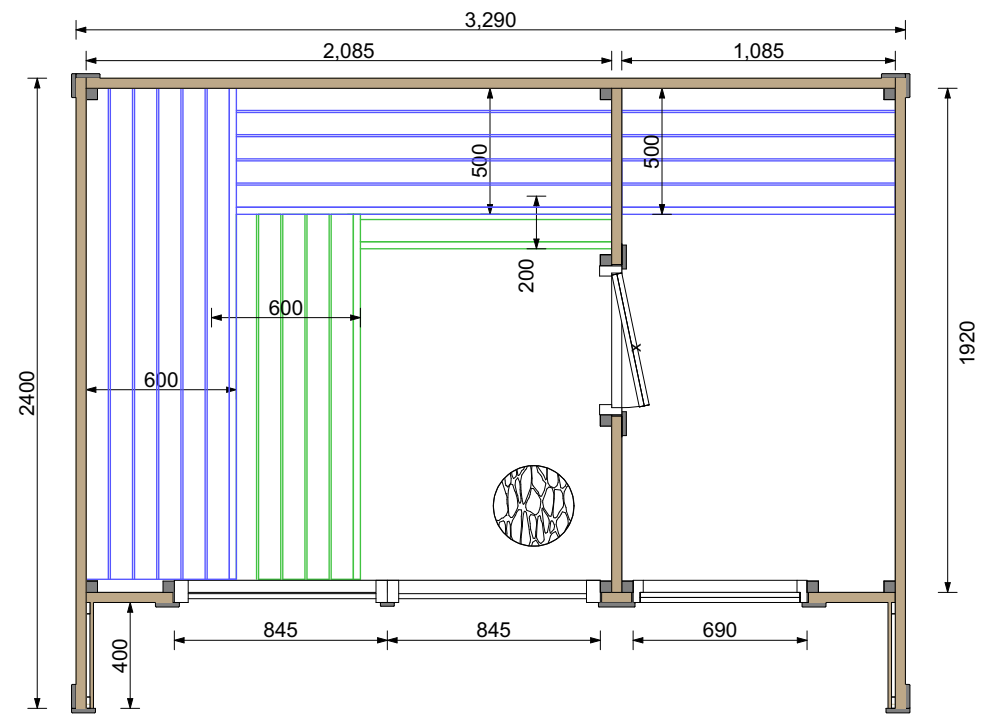


Patio M Sauna

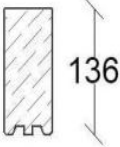
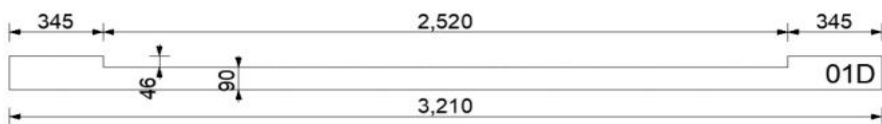
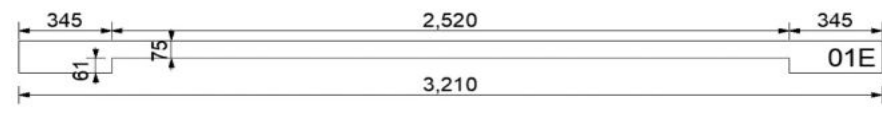
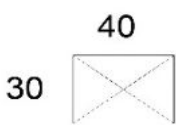
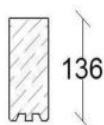
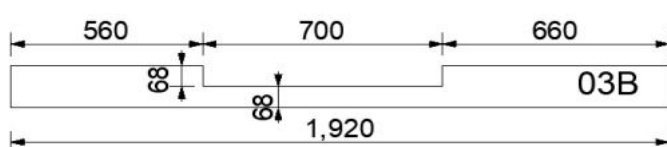
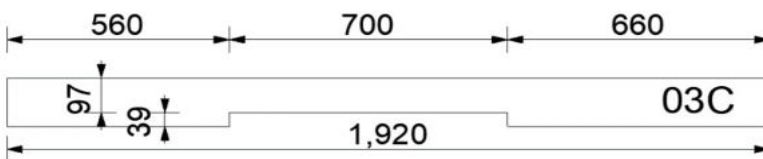
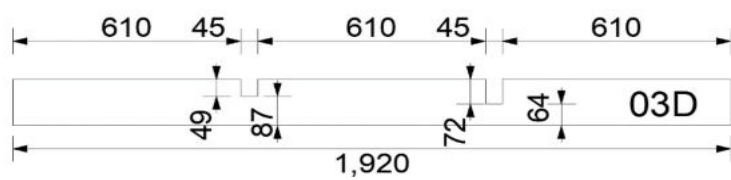
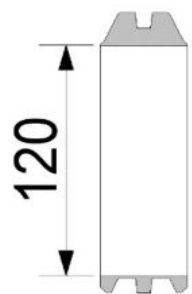


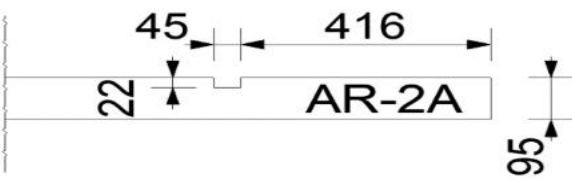


Patio M Installation Manual

PATIO M

Marking		Note	Lenght	pcs
01	40x146 WALL LOG		3210	16
EXTRA	40x146 WALL LOG		3210	1
01B	40x146 WALL LOG	<i>Width 136 (drawing)</i>	3210	1
01C	40x146 WALL LOG	<i>Width 68 (drawing)</i>	3210	1
01D	40x146 WALL LOG	<i>Cutout (drawing)</i>	3210	1
01E	40x146 WALL LOG	<i>Cutout (drawing)</i>	3210	1
01F	40x30 WALL LOG	<i>30x40 Roof Block</i>	3210	1
02	40x146 WALL LOG		2400	32
02B	40x146 WALL LOG	<i>Width 136 (drawing)</i>	2400	2
03B	40x146 WALL LOG	<i>Cutout (drawing)</i>	1920	1
03C	40x146 WALL LOG	<i>Cutout (drawing)</i>	1920	1
03D	40x146 WALL LOG	<i>Cutout (drawing)</i>	1920	1
04B	40x120 WALL LOG	<i>Width 120 (drawing)</i>	1875	1
05	40x146 WALL LOG		660	13
06	40x146 WALL LOG		560	13
07	40x146 WALL LOG		345	26
	HAMMER BLOCK			2

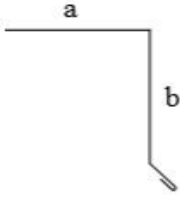
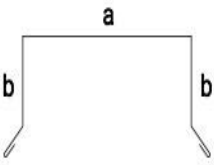
PATIO M				
CUTOUT DRAWINGS				
01B		Width 136	3210	1
01C		Width 68 Half log	3210	1
01D			3210	1
01E			3210	1
01F		30x40 Block For roof	3210	1
02B		Width 136	2400	2
03B			1920	1
03C			1920	1
03D			1920	1
04B		Width 120	1875	1

PATIO M				
Marking		Note	Lenght	pcs
AR-1	45x95 FLOOR FRAME		3190	4
AR-2	45x95 FLOOR FRAME		2395	1
AR-2A	45x95 FLOOR FRAME	Cutout (drawing)	2395	1
				
AR-3	45x95 FLOOR FRAME		2075	5
AR-4	45x95 FLOOR FRAME		1810	1
AR-5	45x95 FLOOR FRAME		1070	4
AR-6	45x70 FLOOR FRAME	45x70!	2075	1
PATIO M				
KL-1	24x120 ROOF BOARD		2426	29+2
PL-1	24x120 FLOOR BOARD		1910	10+2
PL-2	24x120 FLOOR BOARD		1495	19+1
PL-3	24x120 FLOOR BOARD		385	19+1
T-1	45x95 BEAM	45x95!	3210	1
T-2	45x95 BEAM	45x95!	3205	2
T-3	45x45 BEAM		3210	1
EXTRA	45x45 BEAM/ FRAME		3210	1
P-1	45x45 CORNER POST		2240	2
P-2	45x45 CORNER POST		2170	3
T-4	45x45 BEAM/ FRAME		1995	2
UR-1	45x45 DOOR FRAME		1950	6
UR-2	45x45 DOOR FRAME		1690	2
T-5	45x45 BEAM/ FRAME		1040	1
T-6	45x45 BEAM/ FRAME		995	1
UR-3	45x45 DOOR FRAME		690	4

PATIO M				
Marking		Note	Lenght	pcs
EXTRA	18x95 MOULDING		3400	2
L-1	18x95 ROOF MOULDING		3326	1
L-2	18x95 ROOF MOULDING		3136	1
UL-1	18x95 DOOR MOULDING		2710	1
UL-2	18x95 DOOR MOULDING		2460	1
L-3	18x95 ROOF MOULDING		2400	2
L-4	18x95 CORNER MOULDING	Oversize 30mm	2350	2
L-5	18x95 CORNER MOULDING	Oversize 30mm	2250	6
UL-3	18x95 DOOR MOULDING		1920	2
UL-4	18x95 DOOR MOULDING		1840	2
UL-5	18x95 DOOR MOULDING		890	1
UL-6	18x95 DOOR MOULDING	18x145!	1835	1
UL-7	18x95 DOOR MOULDING	15x55!	1835	1
DI-0	45x45 CORNER MOULDING		2100	5+1
DI-1	15x55 DISTANCE BOARD OUTER LINING BOARDS		2170	4
DI-2	15x55 DISTANCE BOARD INSULATION		2080	2
DI-3	15x55 DISTANCE BOARD INSULATION		1995	2
DI-4	15x55 BASE- AND CEILING BOARDS		~2.2	15+2
PATIO M				
STP-1	14x121 CEILING LINING BOARDS		1910	29+2
STP-2	14x121 OUTSIDE LINING BOARDS		400	69+2
	SLOPE DETAIL UNDER FLOOR BOARD 3MM		2070	2
	SLOPE DETAIL UNDER FLOOR BOARD 6MM		2070	1
	SLOPE DETAIL UNDER FLOOR BOARD 9MM		2070	1
	SLOPE DETAIL UNDER FLOOR BOARD 12MM		2070	1

PATIO M

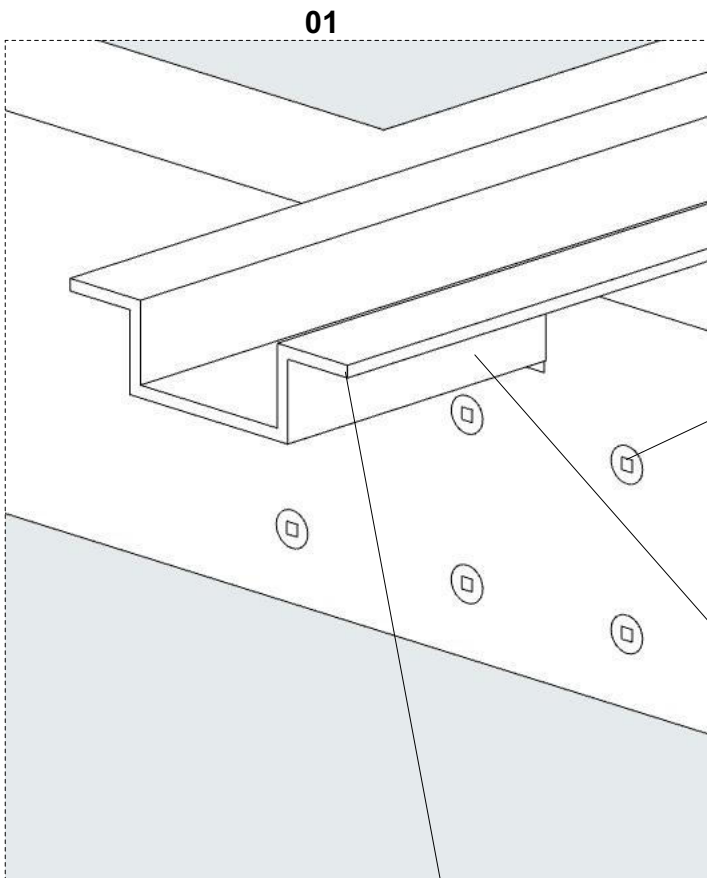
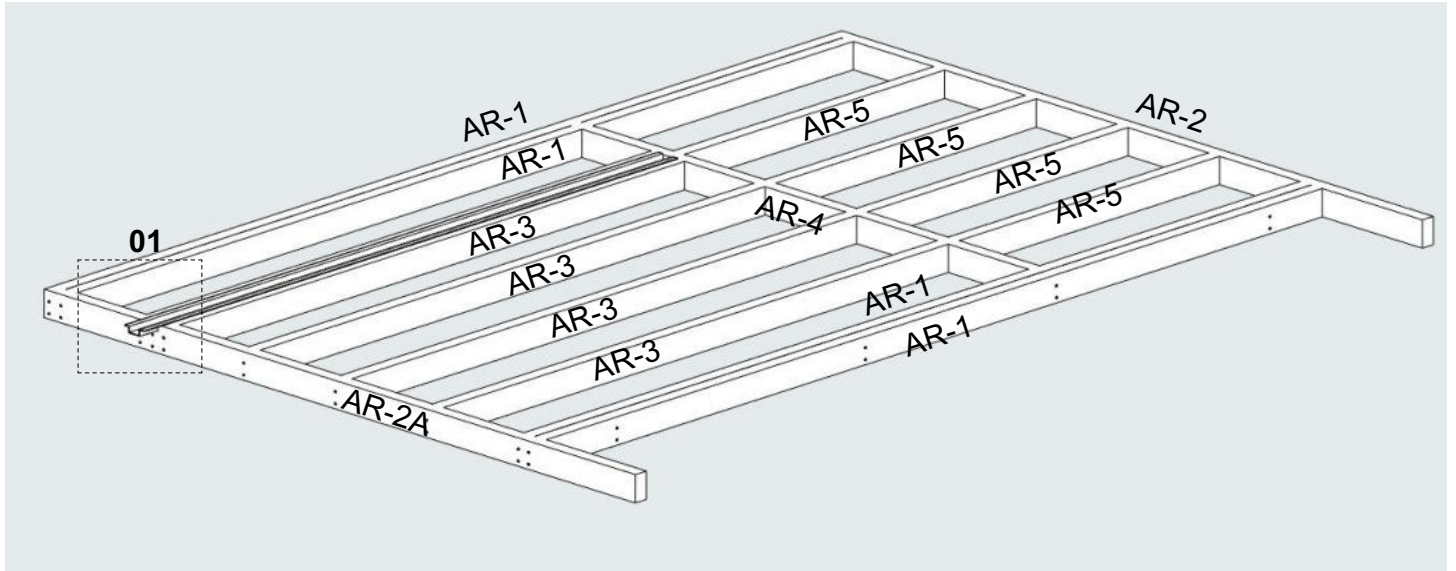
Marking		Note	Lenght	pcs
	SAUNA BENCH 600x1787			1
	SAUNA BENCH 600x1787			1
	SAUNA BENCH 500x1482			1
	SAUNA BENCH 500x1080			1
	SAUNA BENCH 200x1041			1
	BENCH SUPPORT SET 45x45			1
	BENCH SUPPORT SET 1036x829 (SIDE) + ADJUSTABLE LEGS 20mm 3pcs			1
	GLASS DOOR 88x690x1860 BRONZE PREMIUM HANDLE	WITHOUT FRAME!		1
	GLASS DOOR 88x690x1860 BRONZE			1
	WINDOW 88x845x1860 BRONZE	WITHOUT FRAME!		2
	SPU INSULATION 30x600x1200			6
	FOIL TAPE 10M			1
	WATER DRAINAGE DETAIL 20mm		2085+	1
Marking		Note	Lenght	pcs
	JOIST HANGER 45x97			4
	SCREW 5x40 FOR JOIST HANGER			40
	SCREW 6x180 FOR WALL LOGS			200
	SCREW 5x90 FOR FLOOR FRAME			200
	SCREW 4.5x70 WALL LOGS SAUNA BENCHES			600
	SCREW 3x40 DOOR- AND WINDOW MOULDINGS			200
	SCREW 3.5x50 FLOORBOARD			300
	NAIL 40 LINING BOARDS			400
	NAIL 70 ROOF BOARDS			300
	VENTILATION LOUVRE WOOD D100			1
	VENTILATION GRID D100			3
	ADJUSTABLE LEG 20MM			3

ROOF COVER				
	SCREWS FOR ROOF DETAILS		100	pcs
	EPDM ROOF COVER 3.5x3.05		10.7	m2
	EPDM GLUE 2.6l		2.6	L
	EPDM QUICKPRIME (LITTLE CONTAINER)		1	pcs
	EPDM SPLICE TAPE		3300	mm
	PAINT ROLLER+ HANDLE		1	pcs
	METAL ROOFING SHEET 1615mm			2
	METAL ROOFING SHEET 63mm WIDTH		2600	2
			1660	2

PATIO M



Technical drawing of the AR-2A component. The drawing shows a side view of a rectangular component with a small step on the top surface. Dimensions are indicated: 45 (width of the step), 416 (total length), 22 (height of the main body), and 95 (height of the step). The component is labeled AR-2A.



*Install water drainage detail before first log wall row

Screws 90mm

Water drainage detail

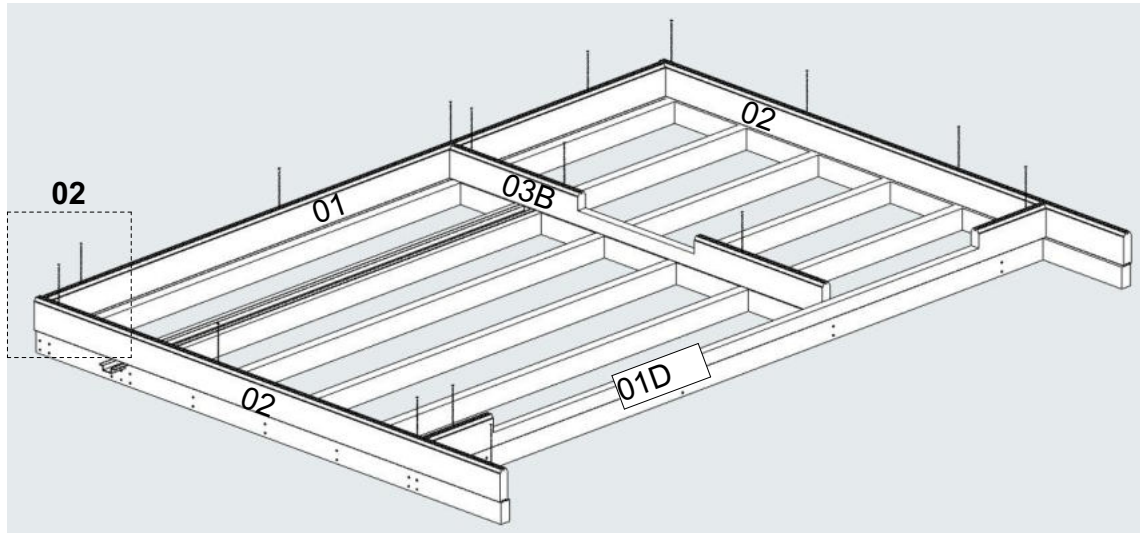
Take care! Sharp edges!

*Use 90mm screws and battery drill

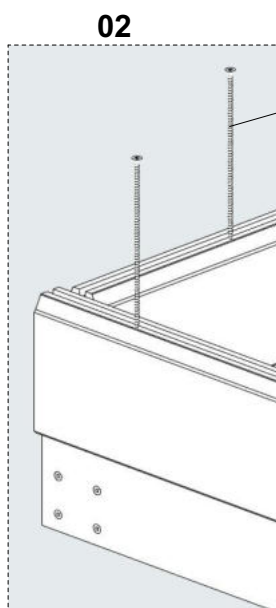


First log row

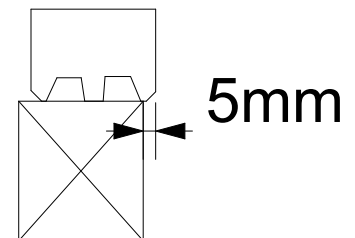
PATIO M



Fix first log wall row to the floor frame with 180mm screws
(Suggestion: drill hole before inserting the screws)



Screws 180mm

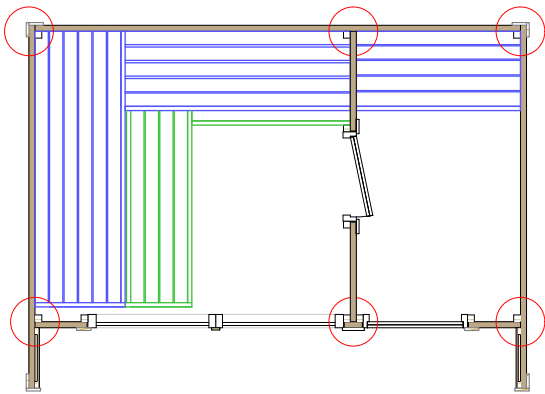
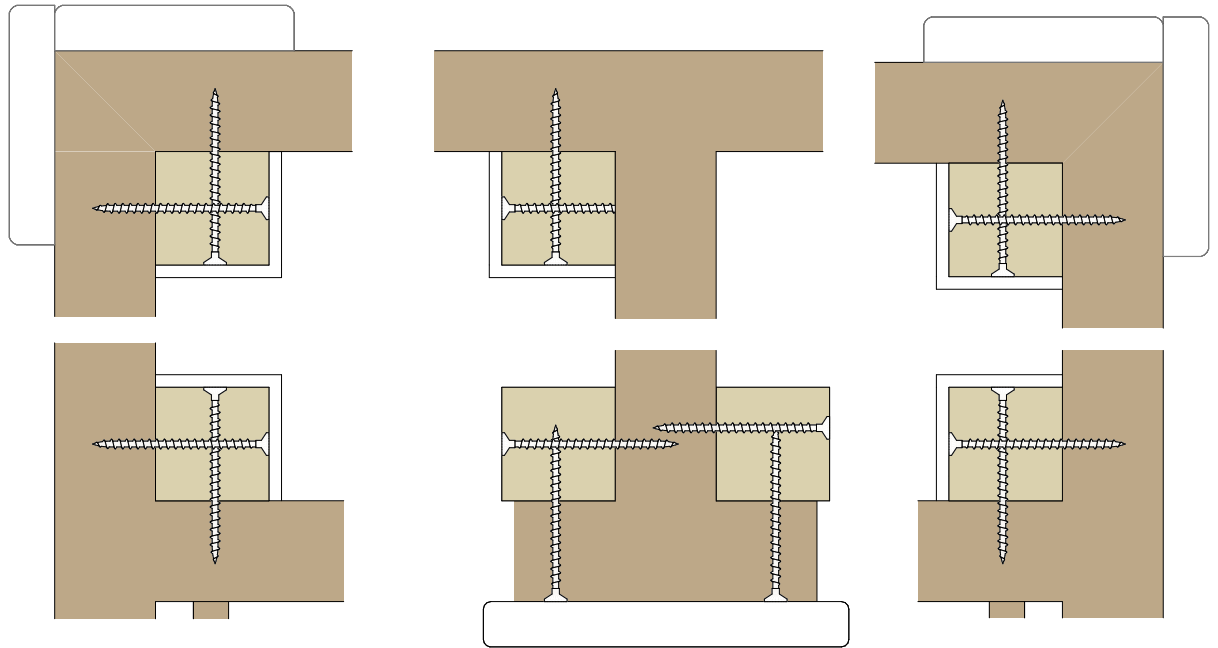


Leave 5mm gap outside with floor frame and 1st wall row

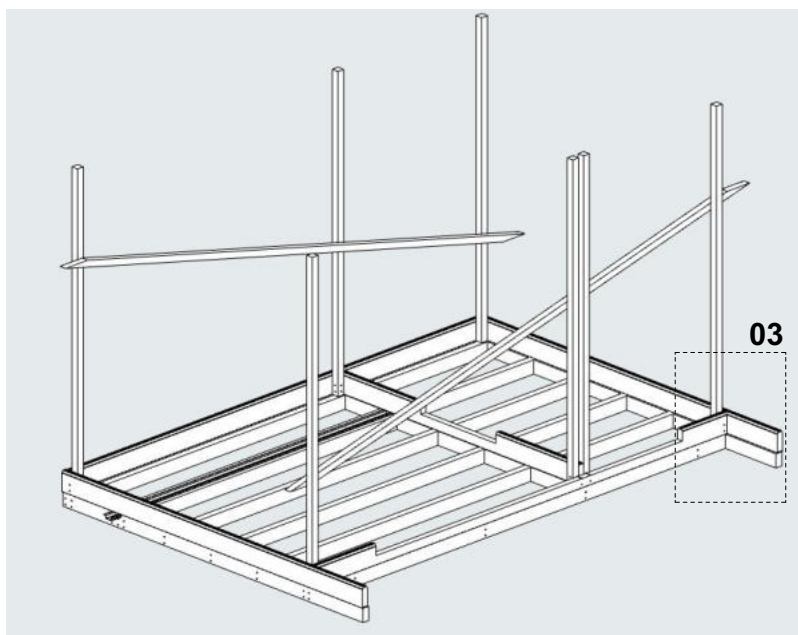
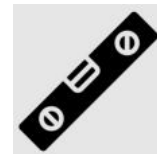
Posts

PATIO M

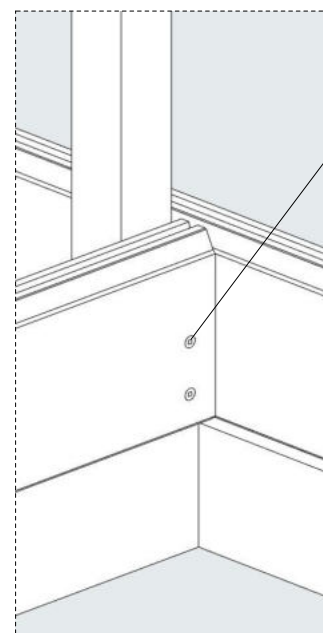
*Install 70mm screws as shown in scheme:



* Use level tool and battery drill to fix walls to posts



03



Screws 70mm

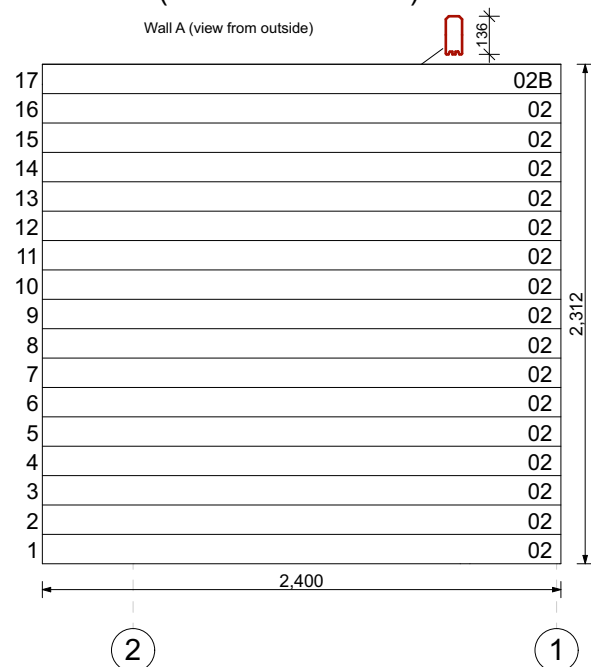
*2 screws per wall log connection

*Fix all wall logs with 180mm and 70mm screws

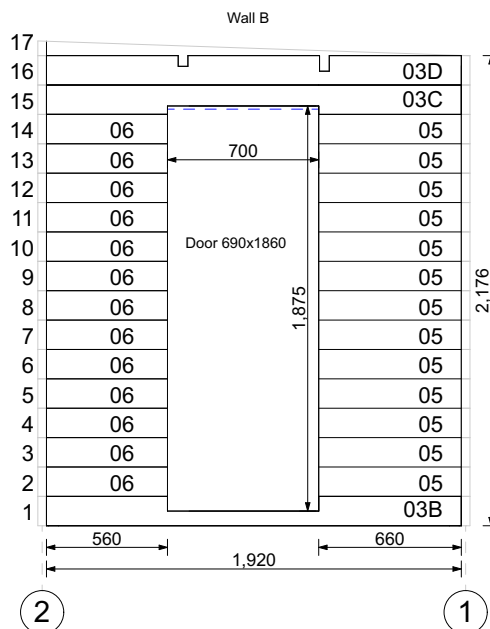
Wall layouts

PATIO M

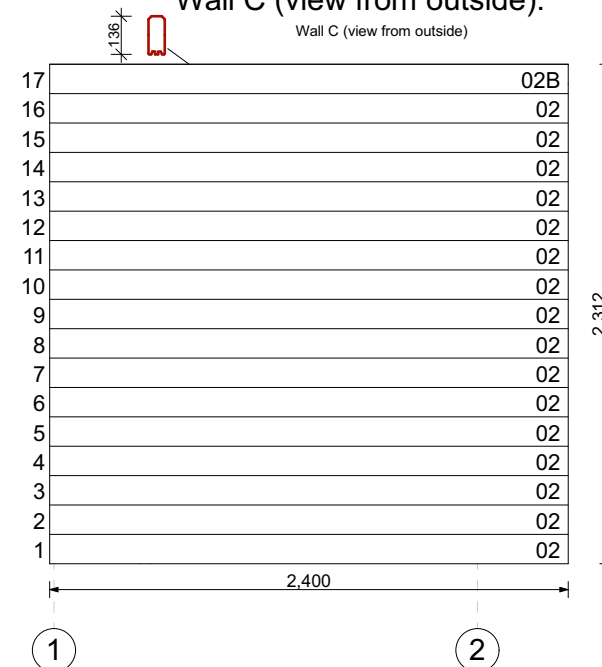
Wall A (view from outside):



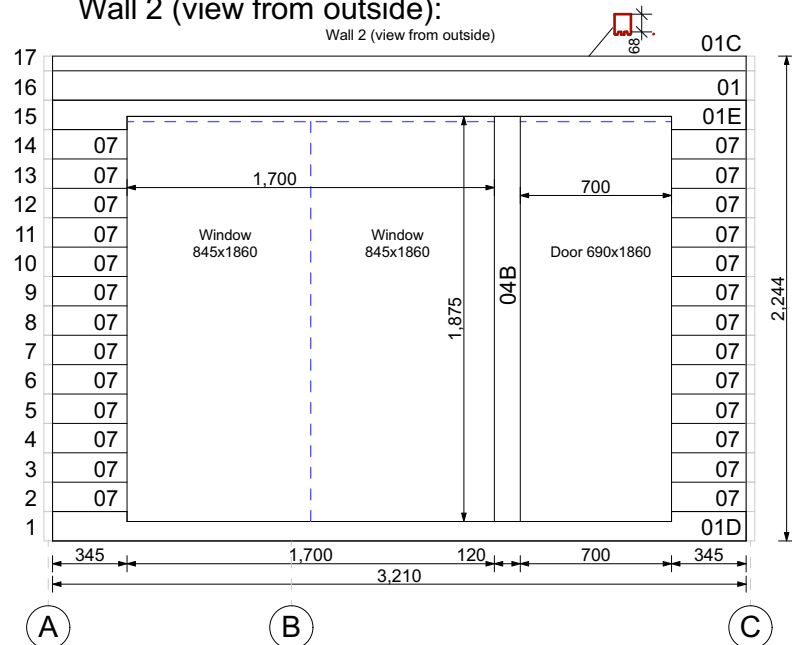
Wall B:



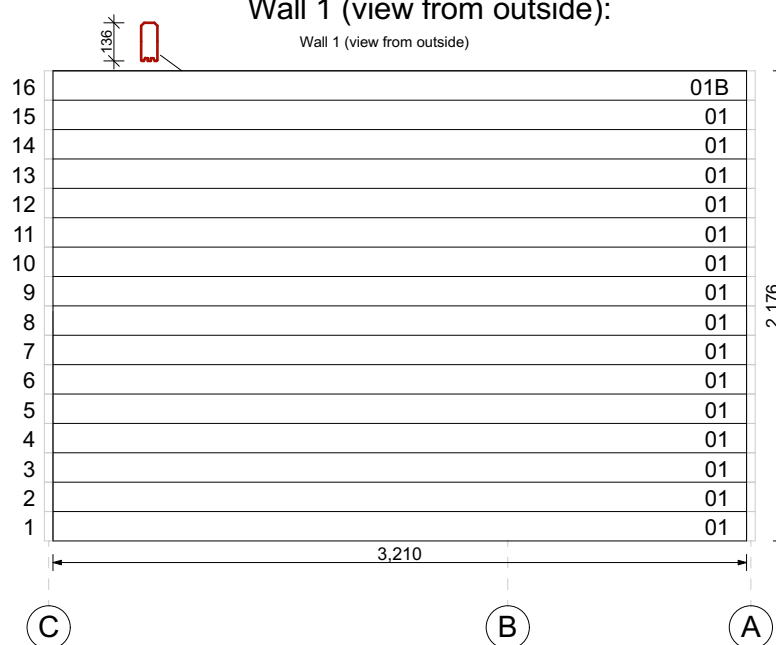
Wall C (view from outside):



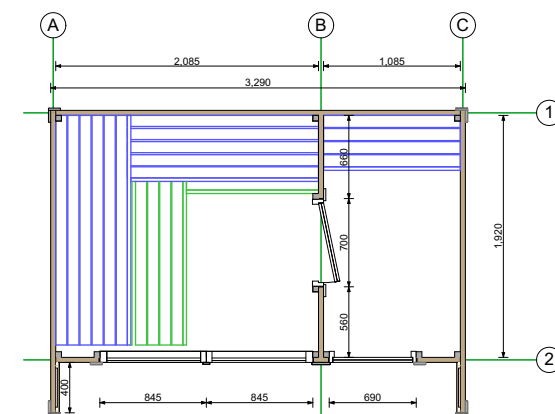
Wall 2 (view from outside):

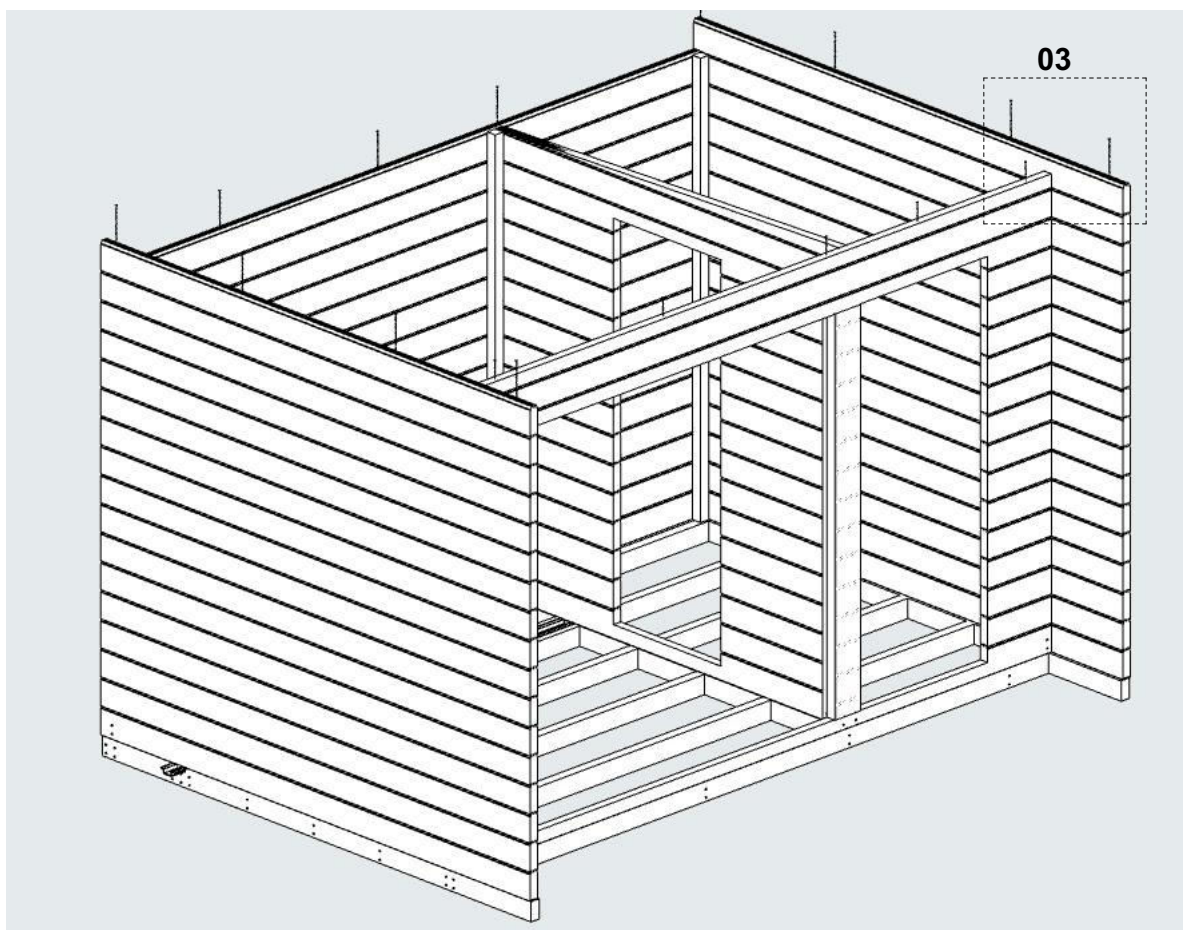


Wall 1 (view from outside):

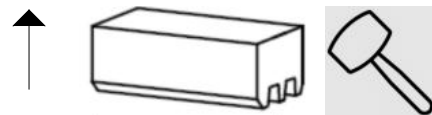


Top view:

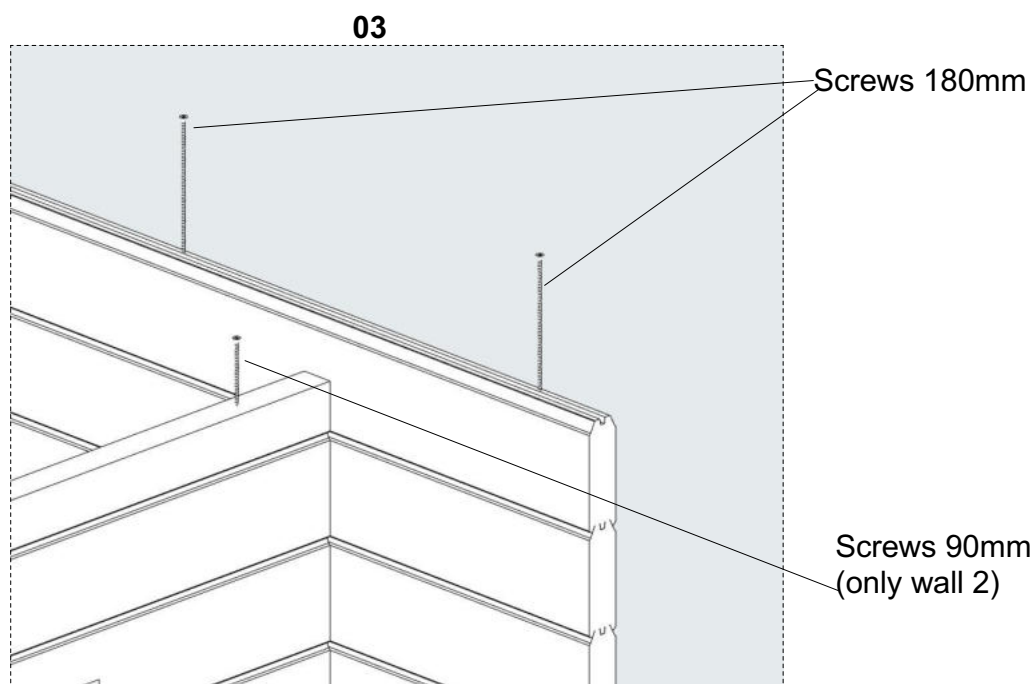




* To install wall logs use rubber hammer and hammer block



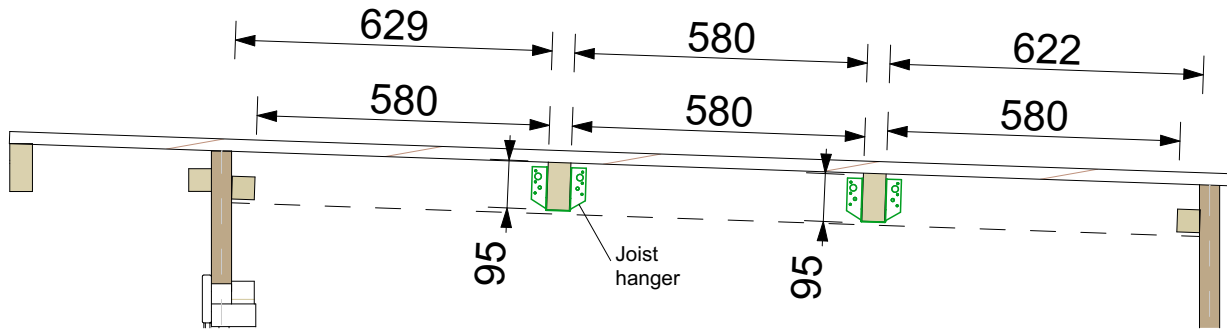
Install last wall detail to the second to last wall detail with 180mm/ 90mm screws
(Suggestion: drill hole before inserting the screws)



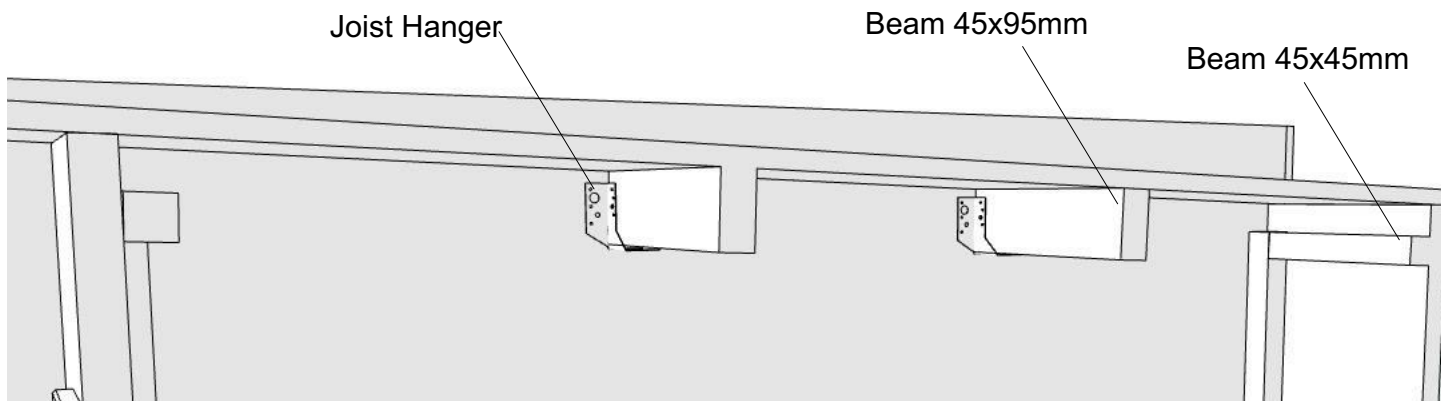
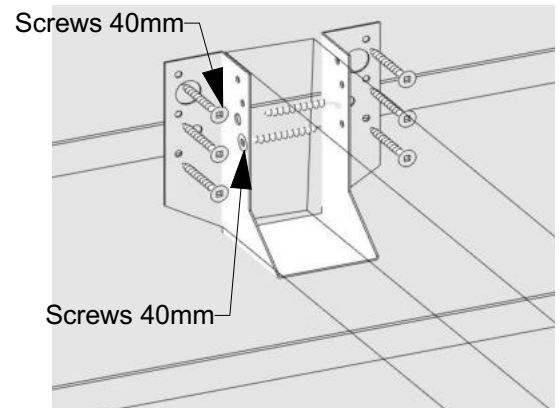
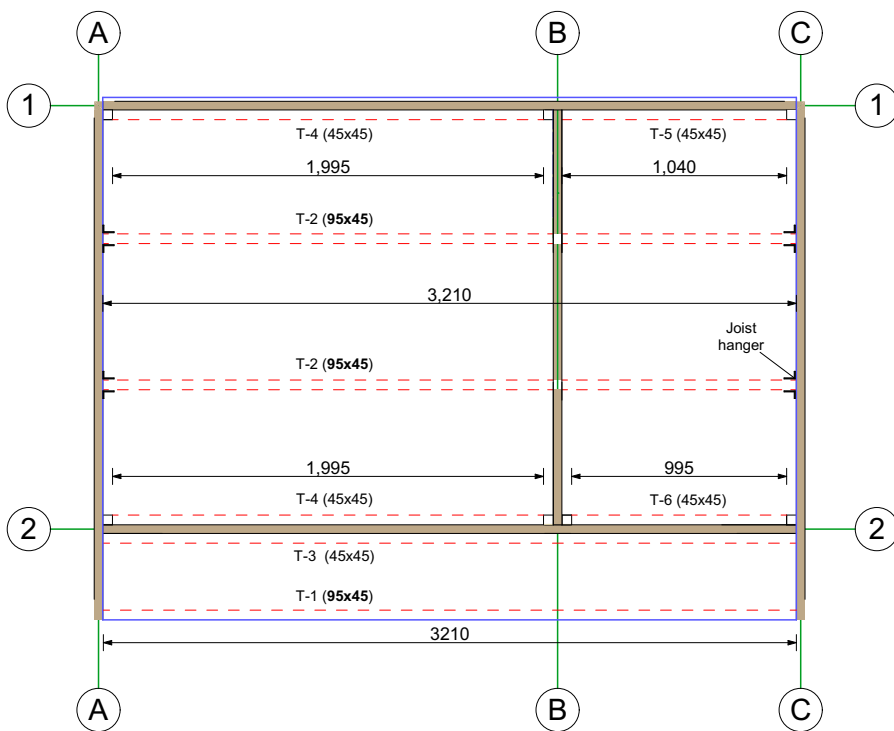
Ceiling beams and joist hanger

PATIO M

Temporarily attach roof board on top of the walls. Measure out 95mm from roof board (downward). Measure out Joist hanger position as shown in scheme:

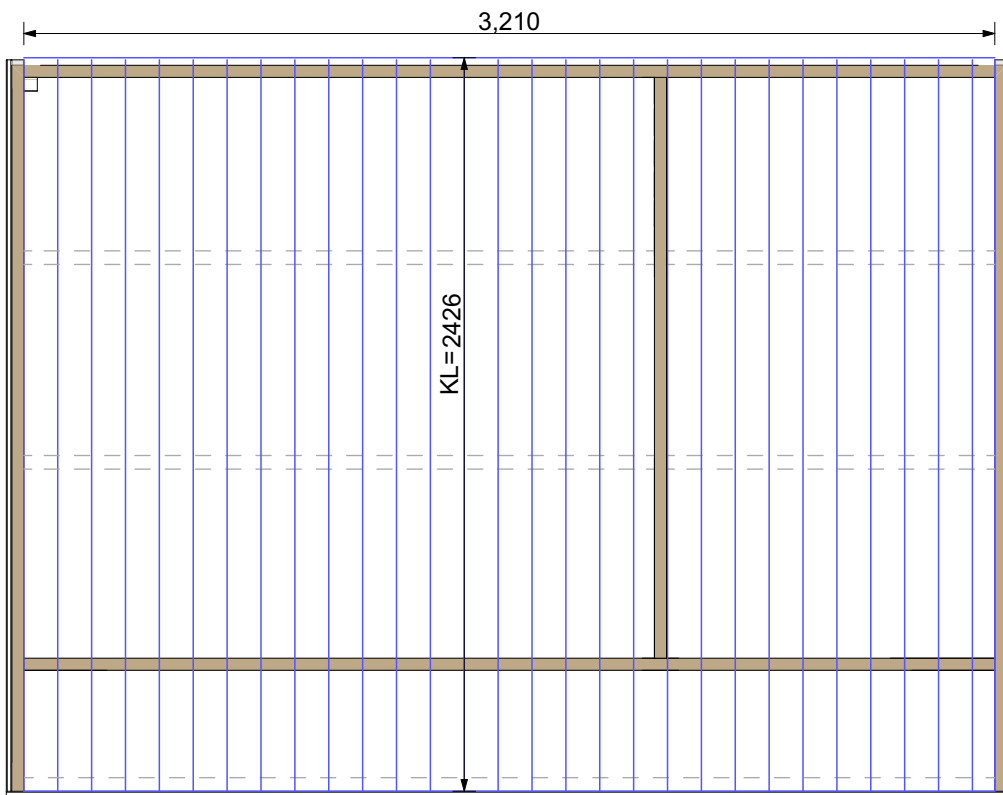
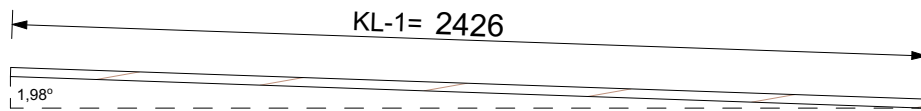


Top view



Roof boards

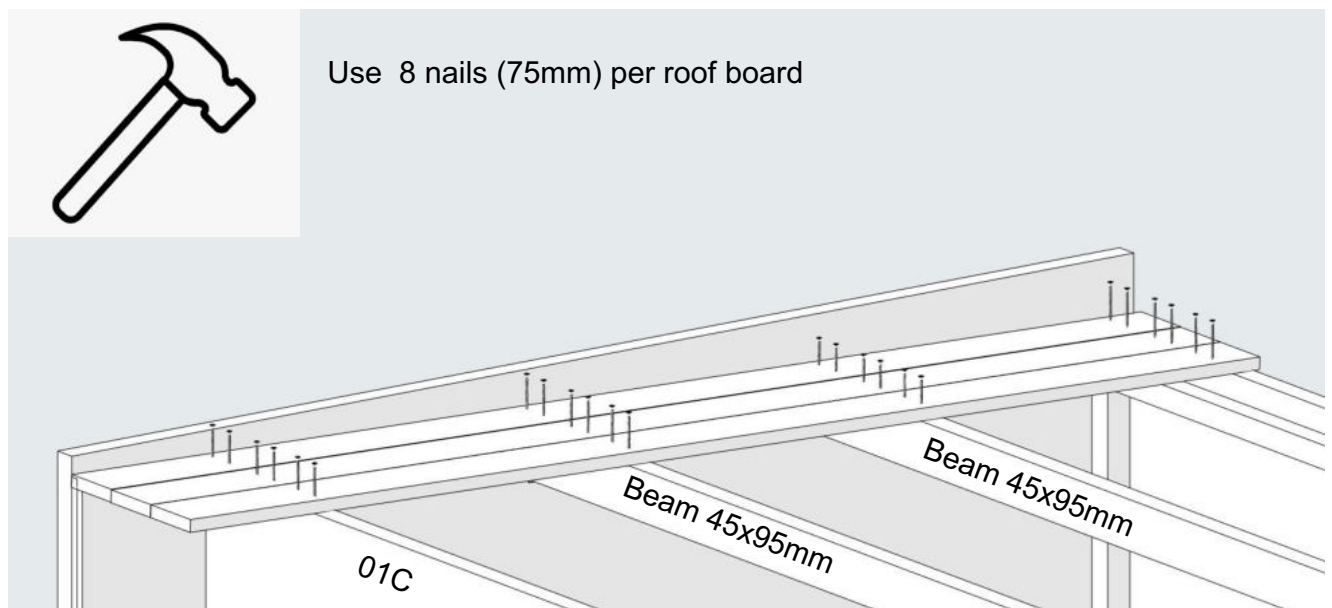
PATIO M



Cut the last roof board
to lenght

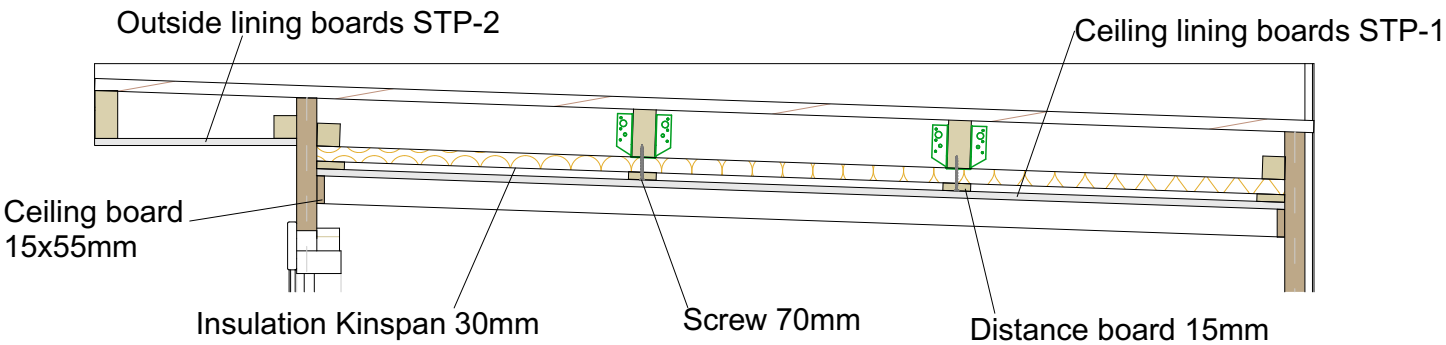


Use 8 nails (75mm) per roof board

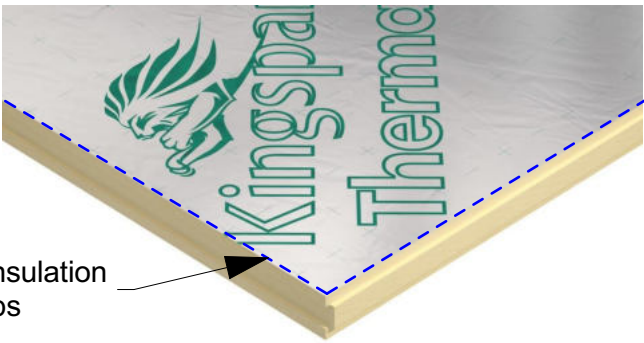


Ceiling

PATIO M



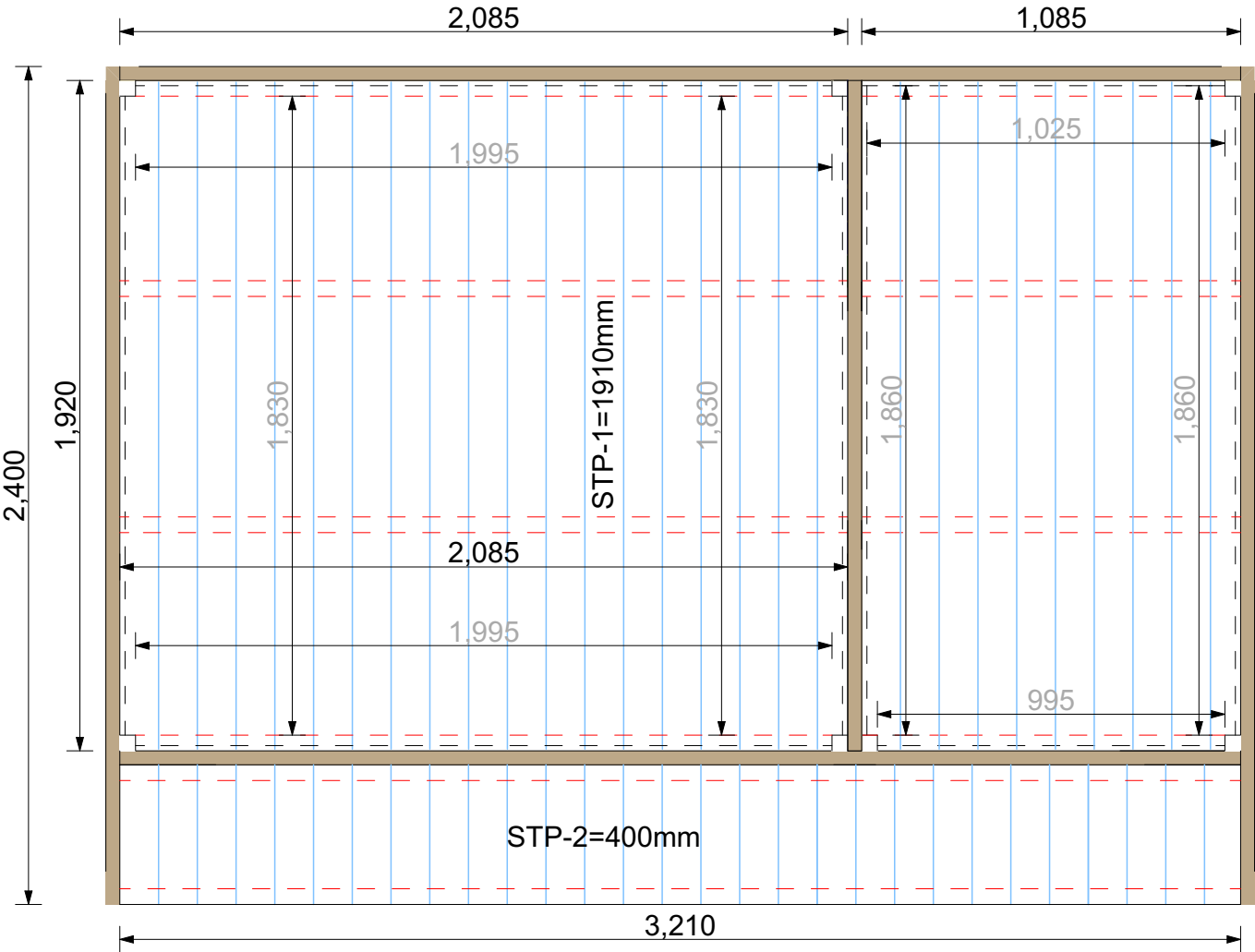
Use tape for SPU insulation overlaps



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



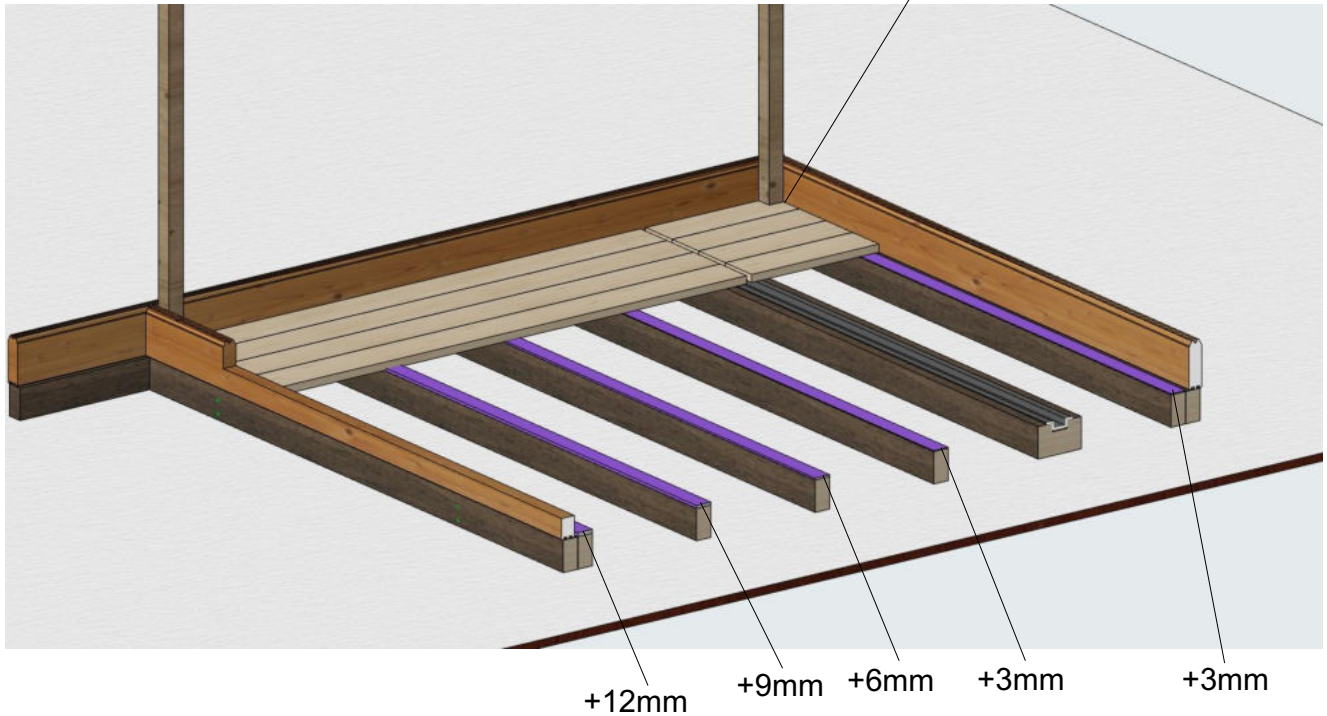
Cut the last ceiling board to length



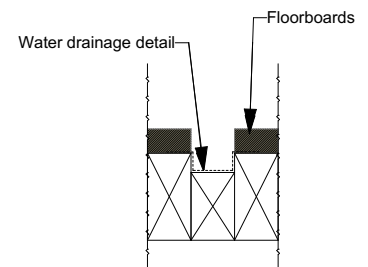
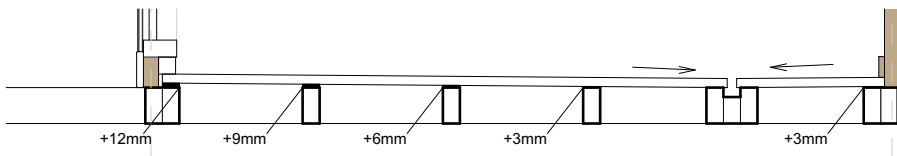
Floor Boards

PATIO M

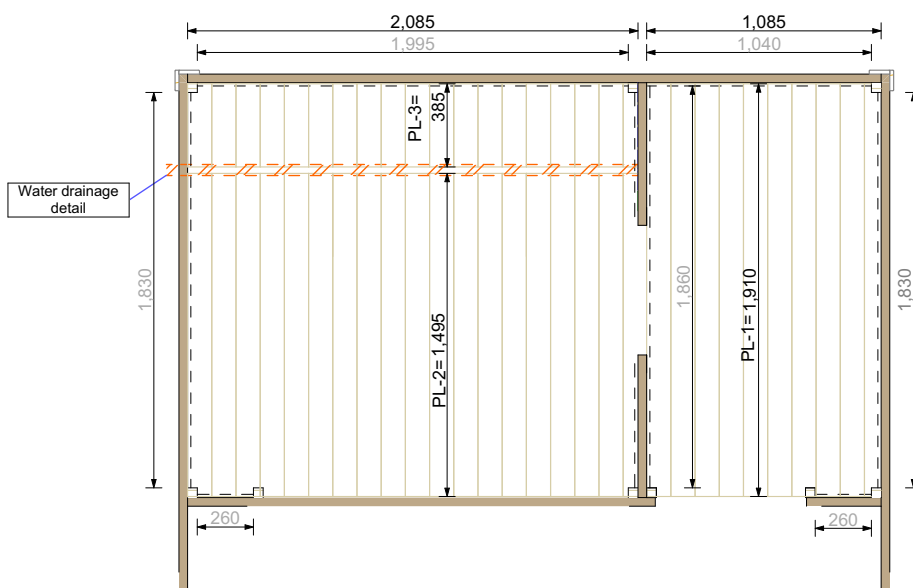
Floor board cutoff (cut in site)
45x45mm in corners



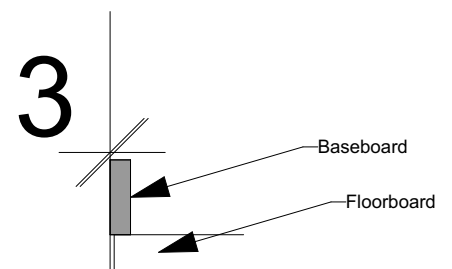
Apply plywood slope details to give floor board incline for water drainage



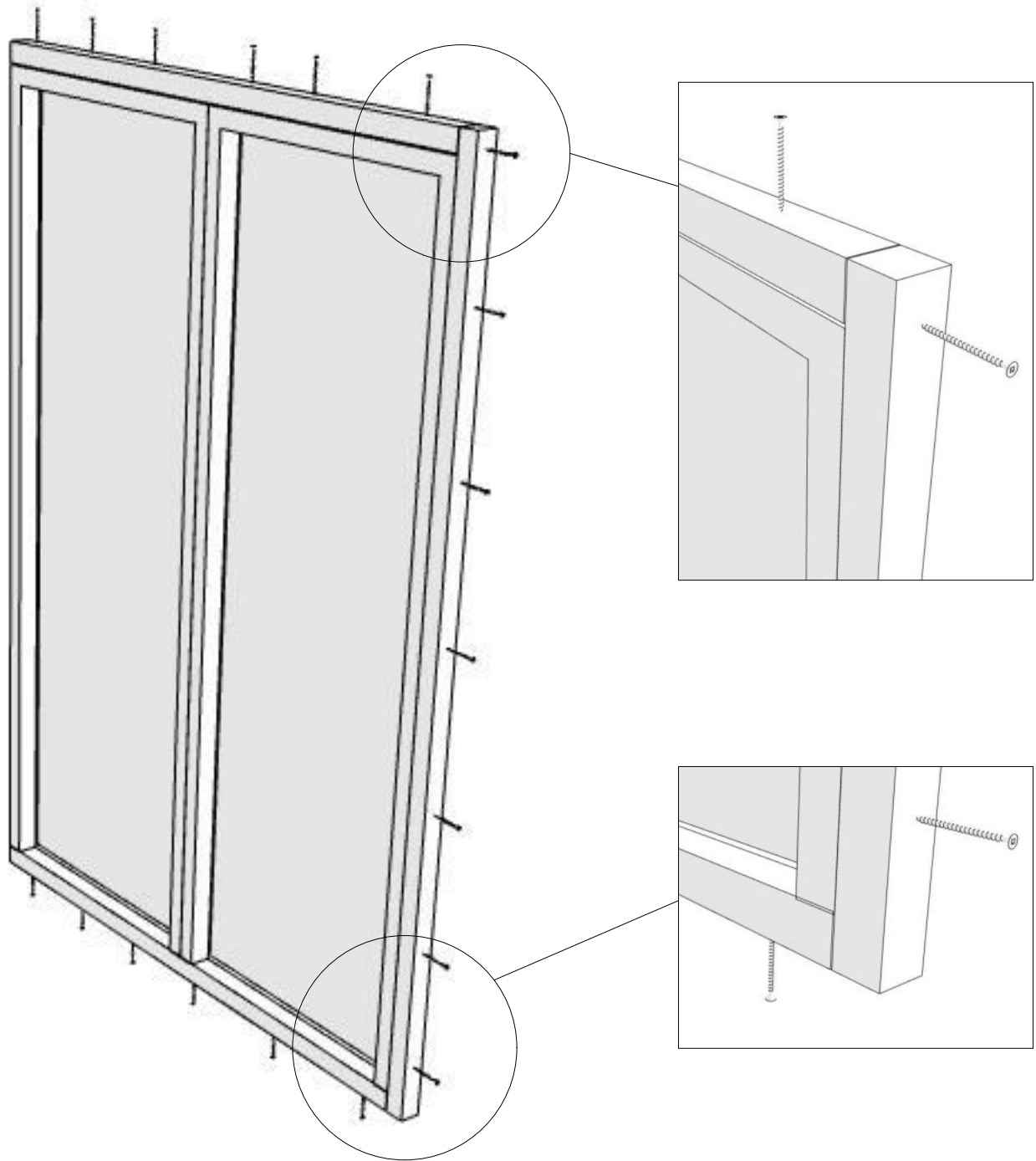
Fix floorboards with 40mm screws as shown :



Leave ~3mm gap between floor board and wall

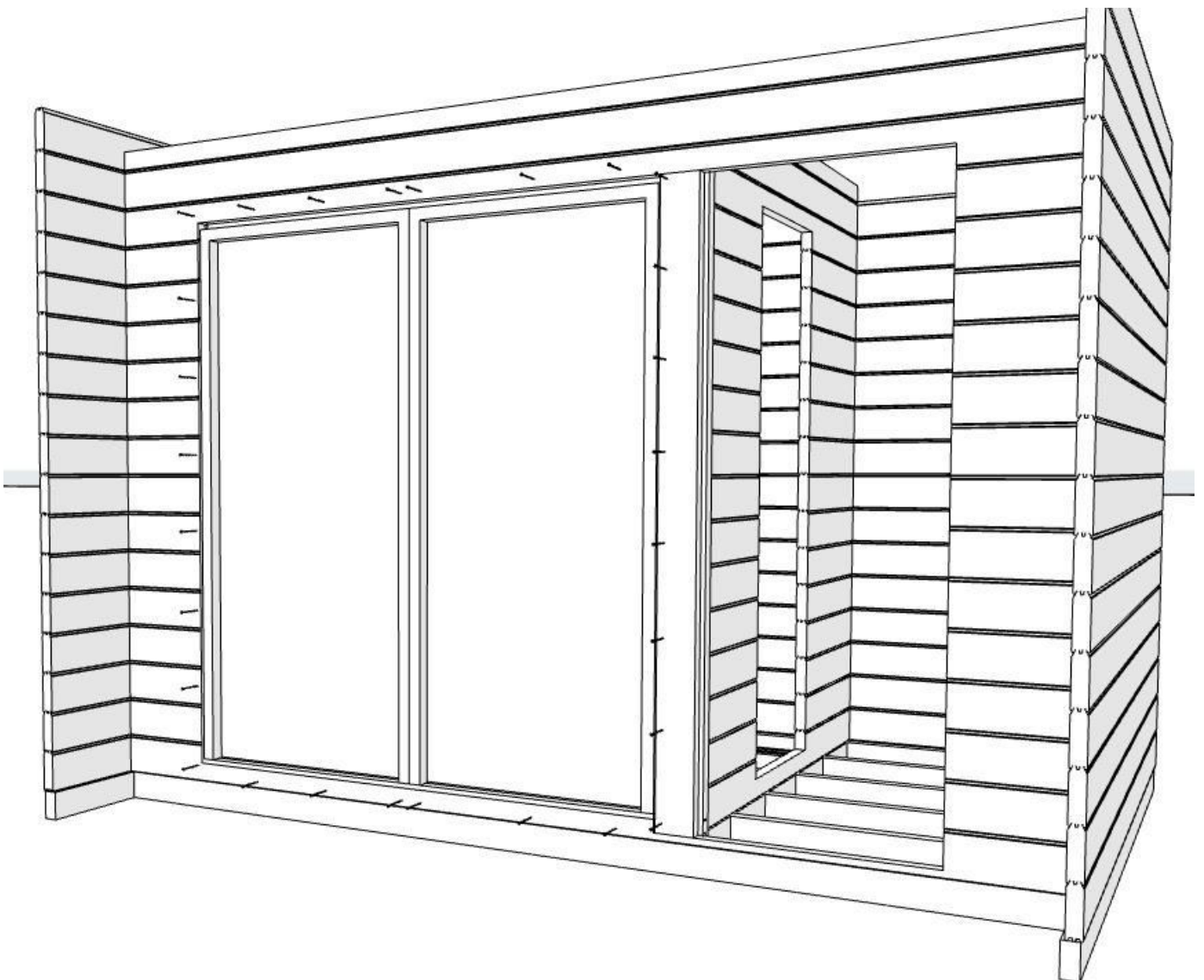


1. Attach the bottom, top and one side frame 45x45mm to the window leaf with 70mm screws.





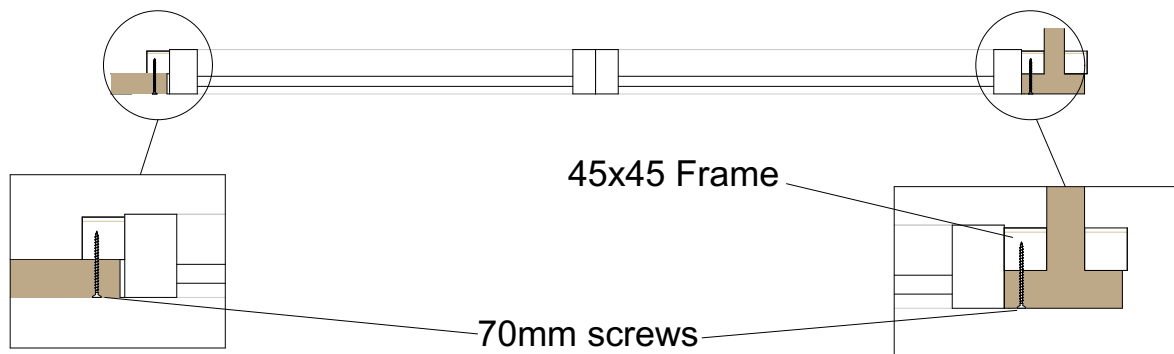
2. Lift the windows to place



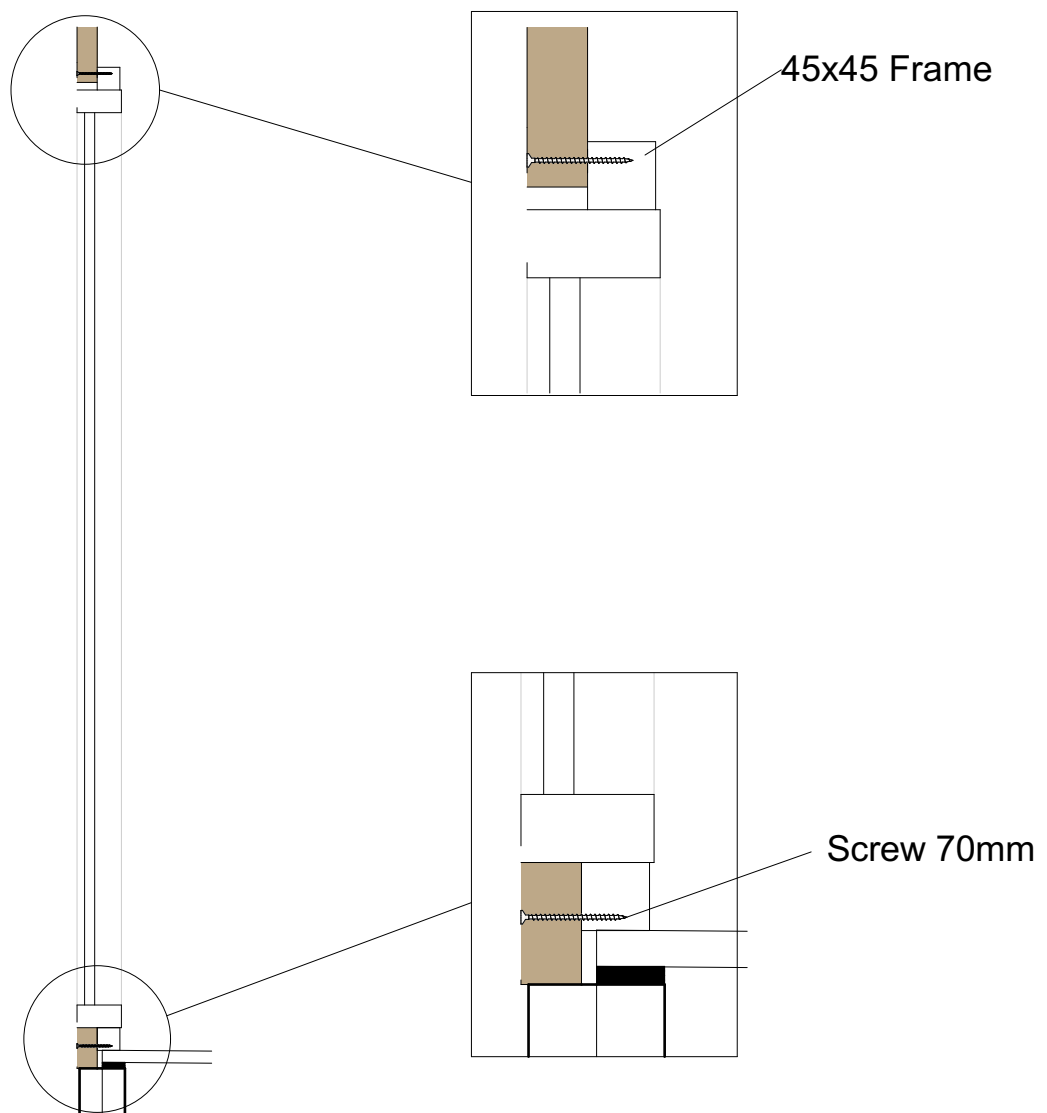
3. Fix the window leaf to the window frame with 70mm screws

3. Fix the window leaf to the window frame with 70mm screws

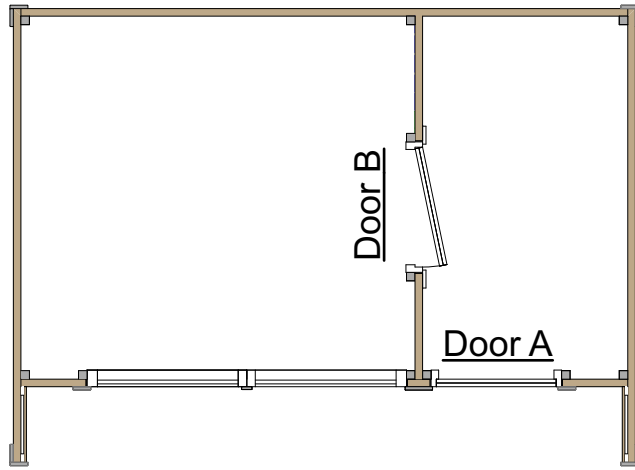
TOP VIEW



SIDE VIEW



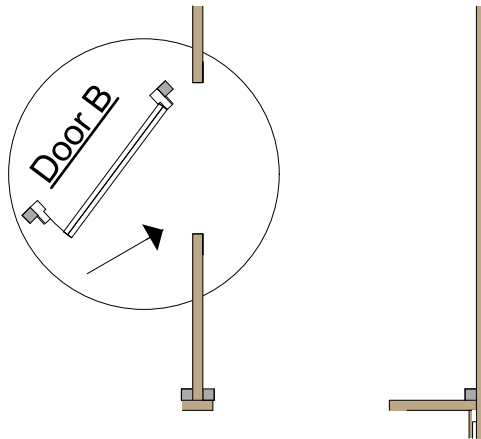
Doors



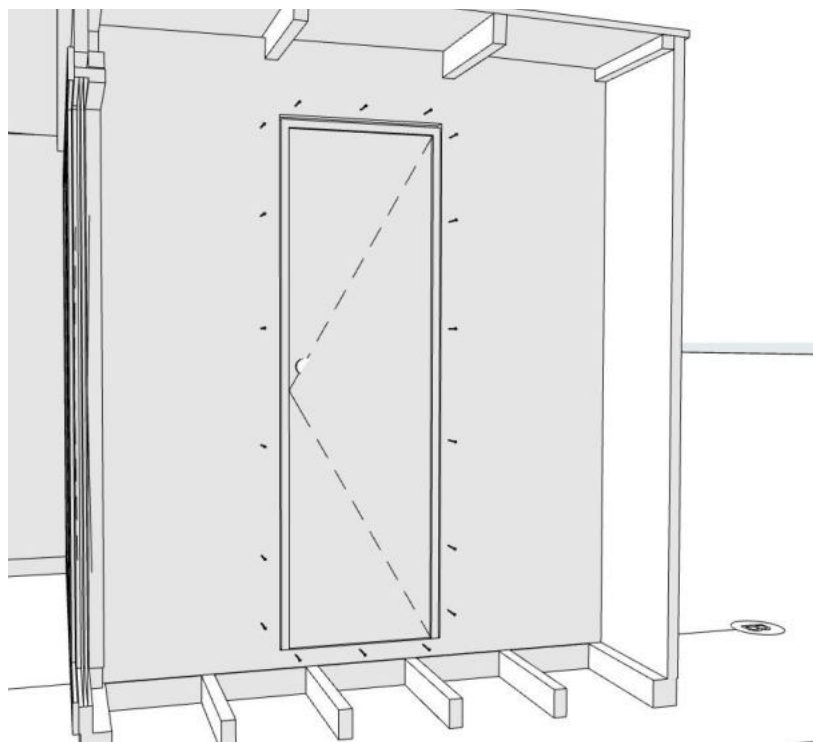
**REMOVE GLASS FROM DOOR
FRAME WHEN INSTALLING!**

Door B already has frame around the door leaf.

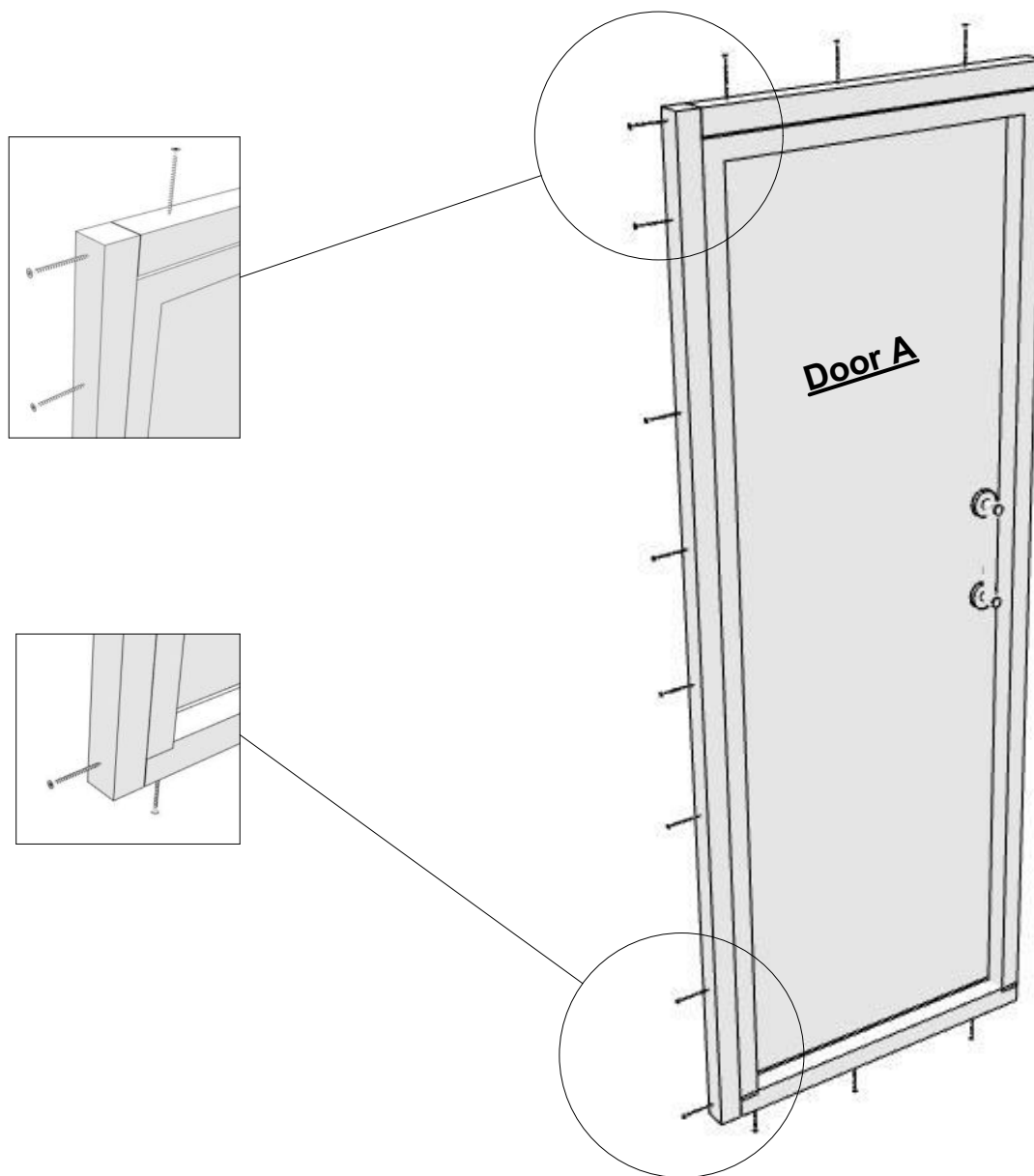
1. Lift the door in place sideways



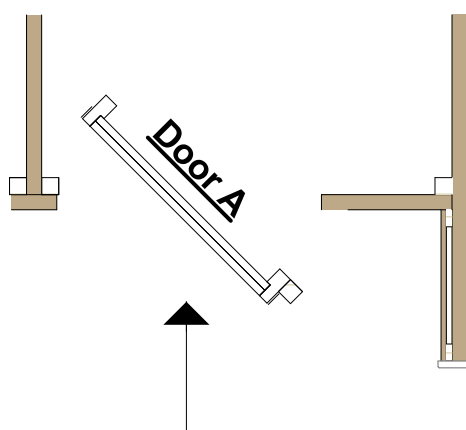
2. Fix the Door leaf to the door frame with 70mm screws

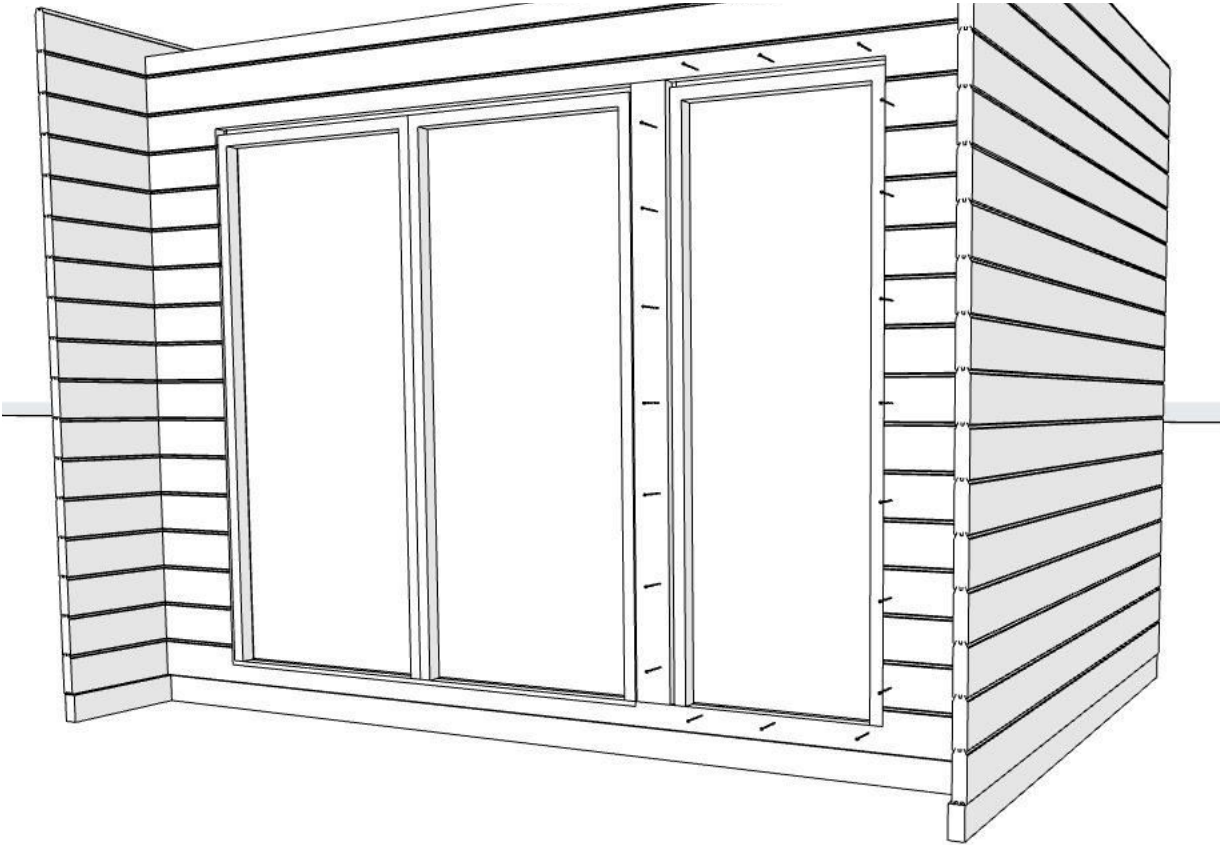


1. Attach the bottom, top and one side frame 45x45mm to the Door A leaf with 70mm screws.

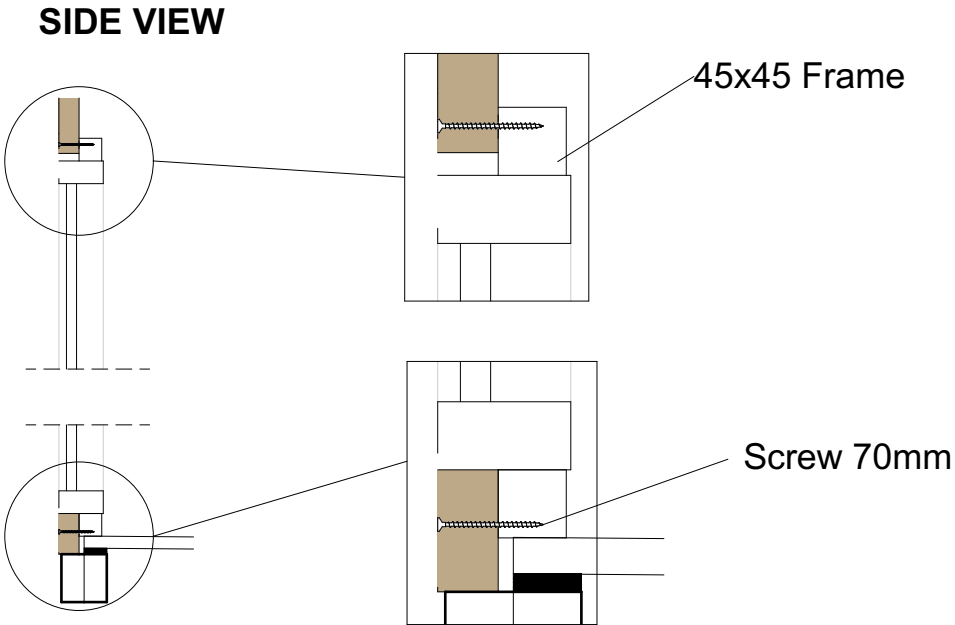
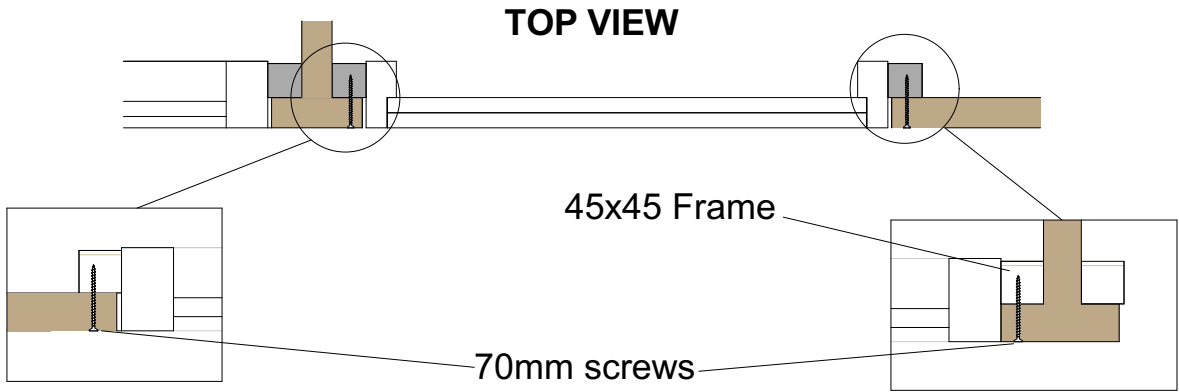


2. Lift the door in place





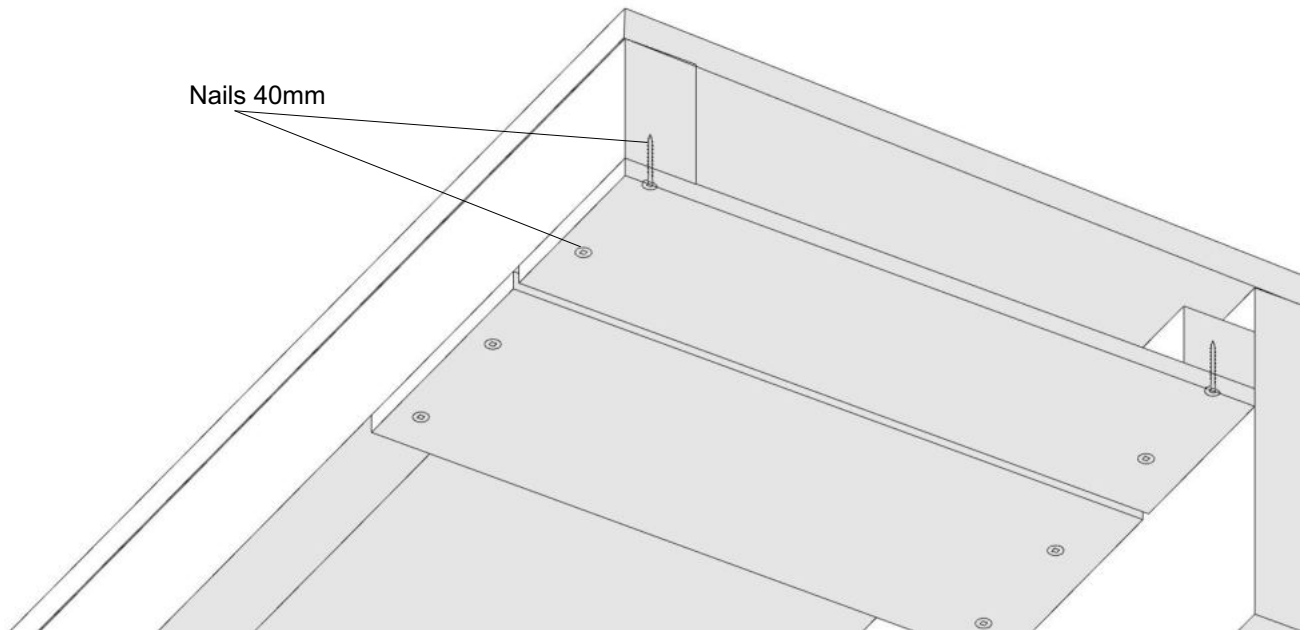
3. Fix the door leaf to the door frame with 70mm screws



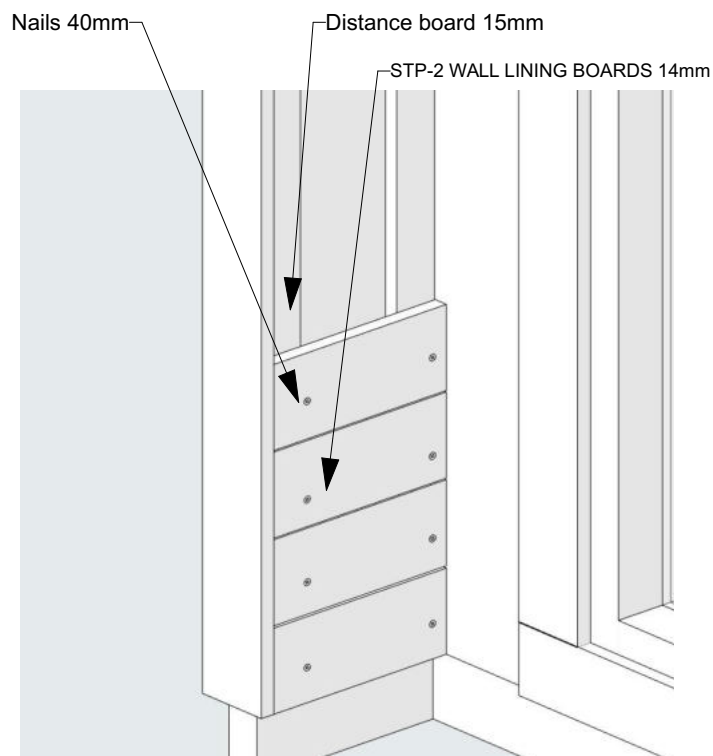
Outer lining boards

PATIO M

Roof lining boards



Wall lining boards

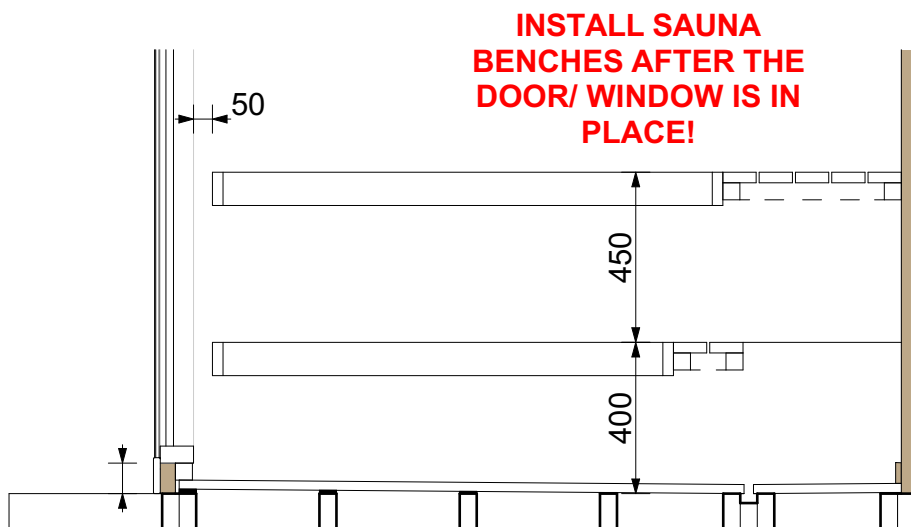


Mouldings

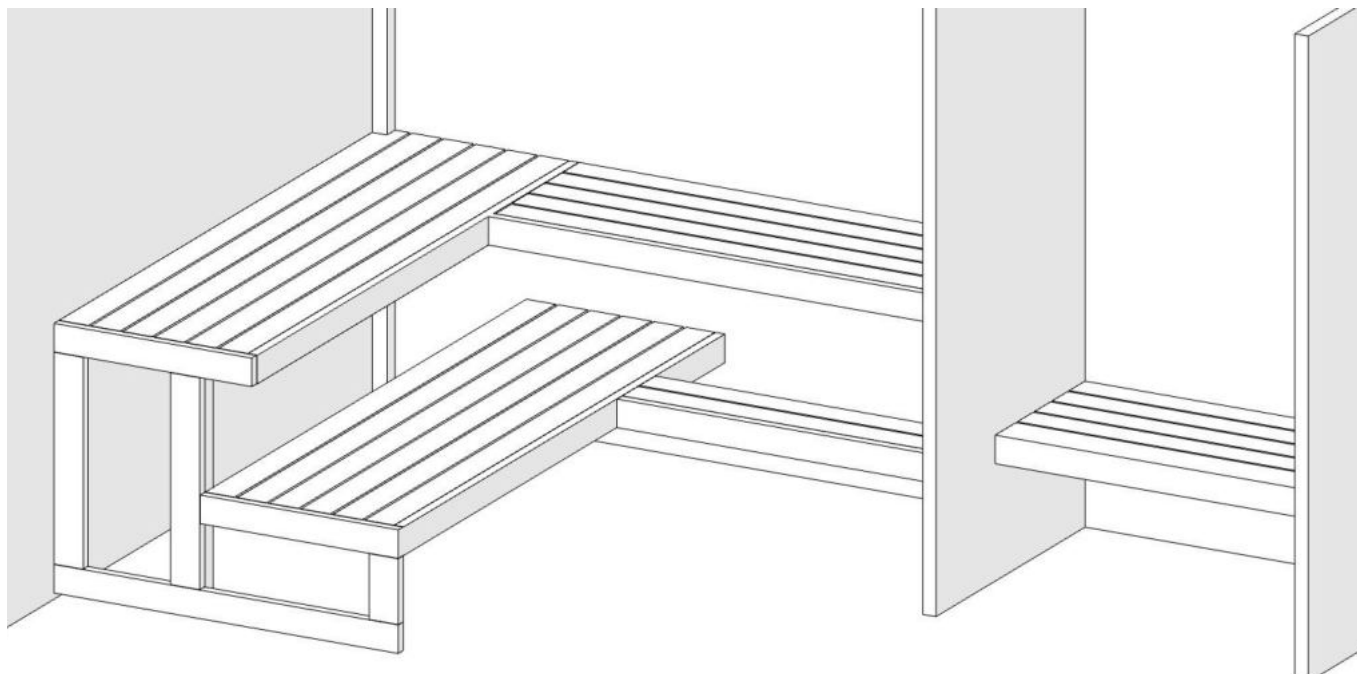
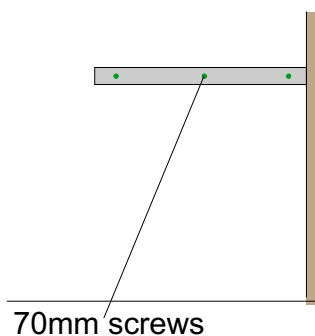


*Corner moulding cutoff

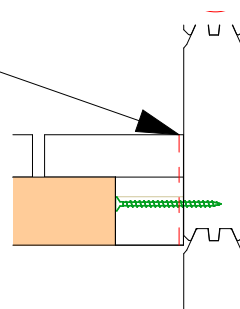
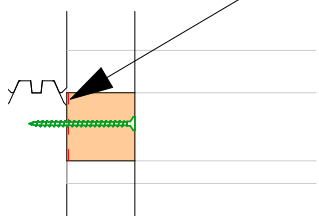




1. First fix the bench supports to the wall
2. Then lift the benches on top of them
3. Fix benches with the 70mm screws to the walls and supports

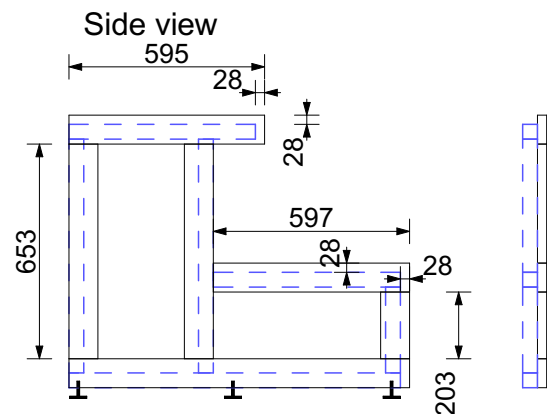
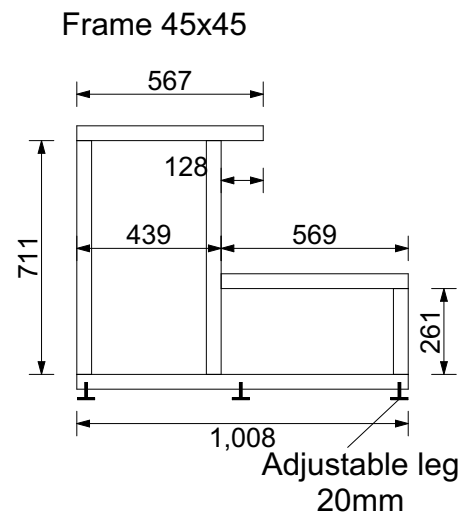
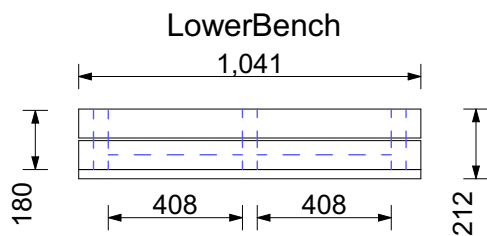
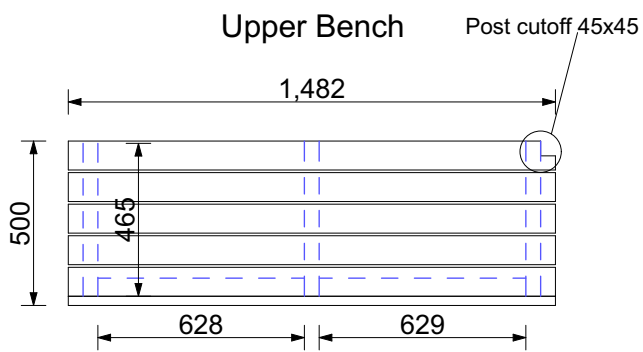
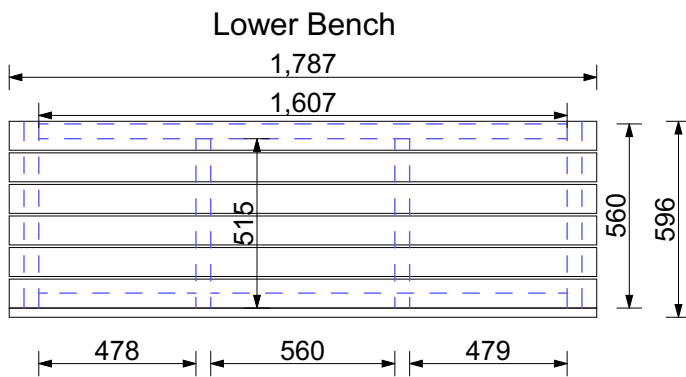
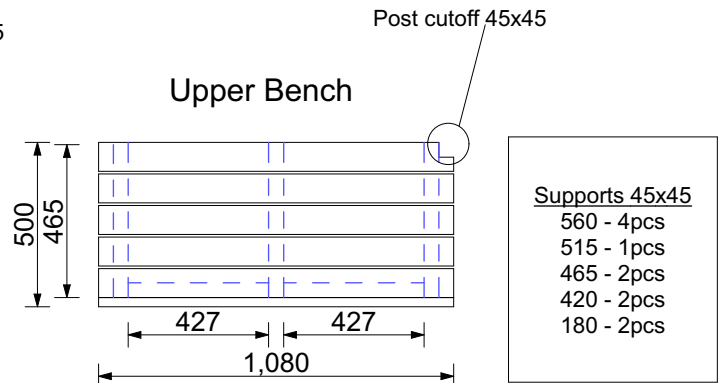
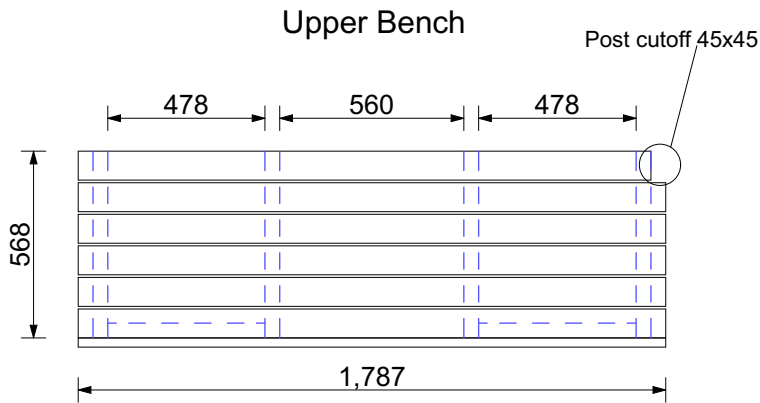


Reccomended to use glue to attach sauna bences to the wall



Sauna Benches

PATIO M



Ventilation Louvre and ventilation grid

PATIO M

⌀ =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



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.



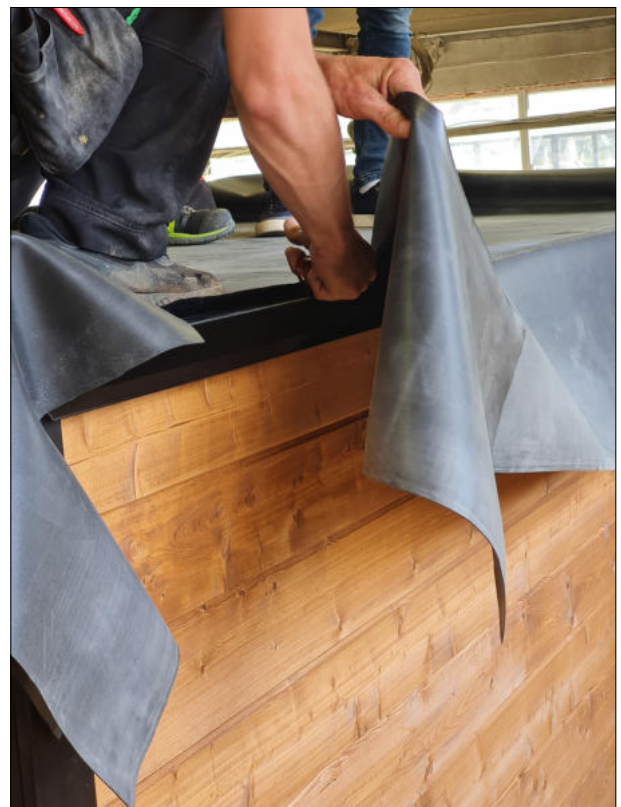
3.



5.

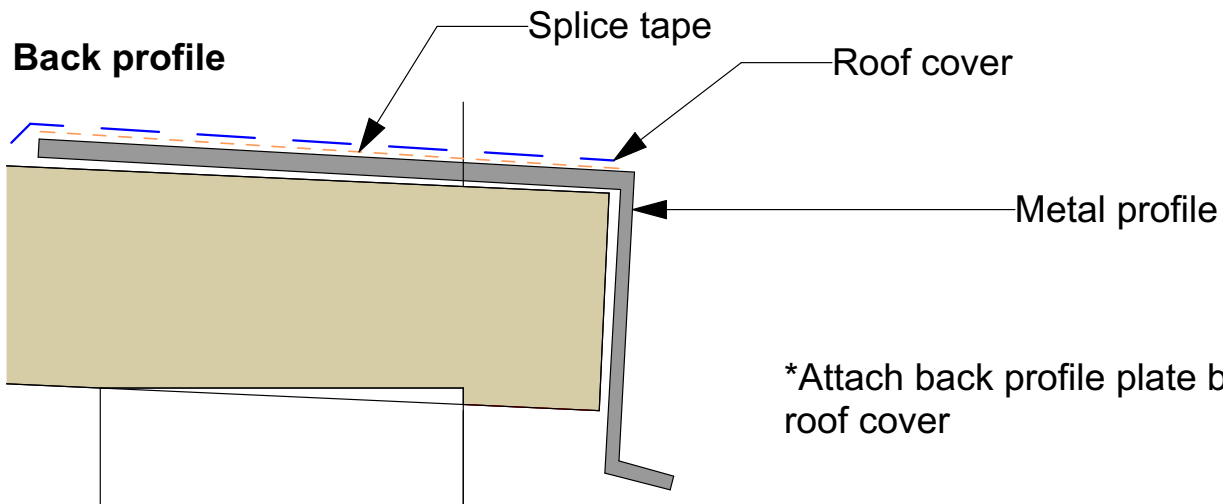


8.



EPDM roof cover

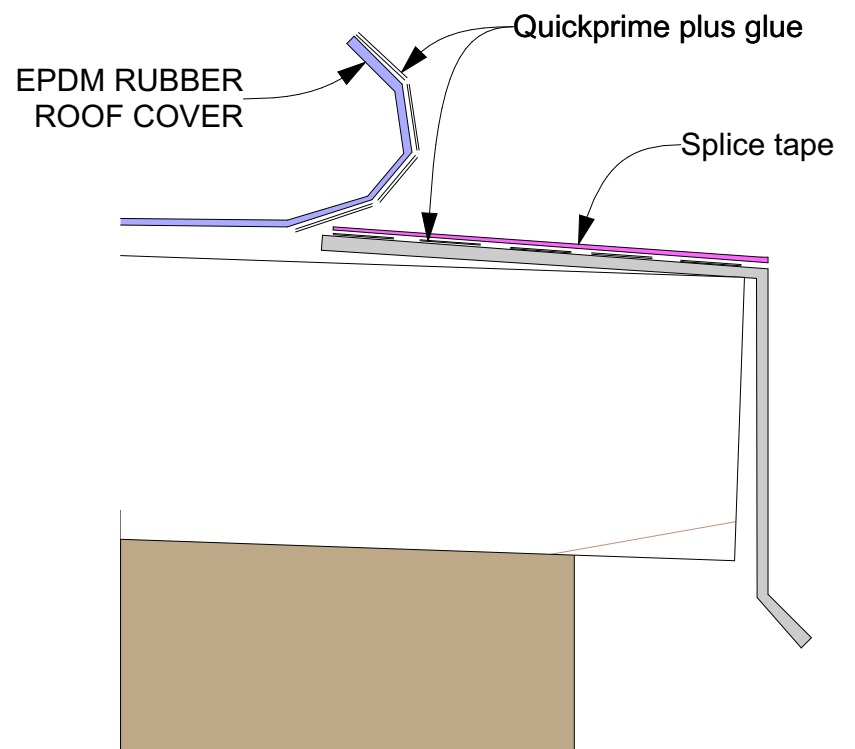
Back metal profile and rubber roof cover:



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



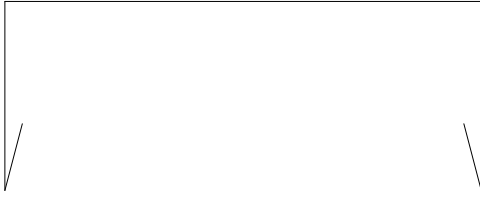
Remove the top side of the splice tape and apply the glued rubber roof cover on top of the tape



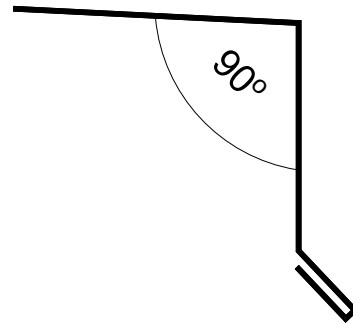
Remove the top side of tape

Patio metal roof profiles

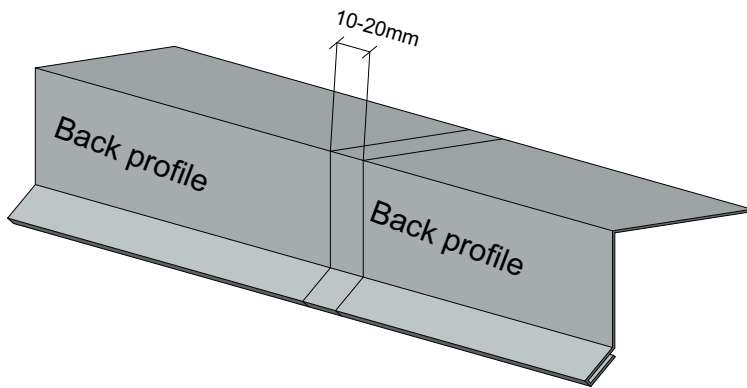
Side and front profile



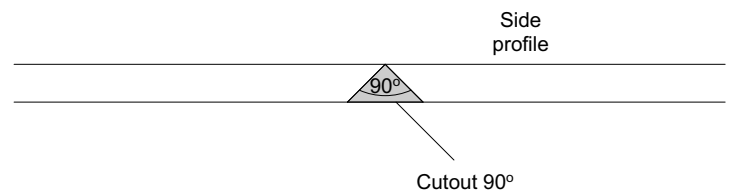
Back profile



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



Back corner:



Front corner:

