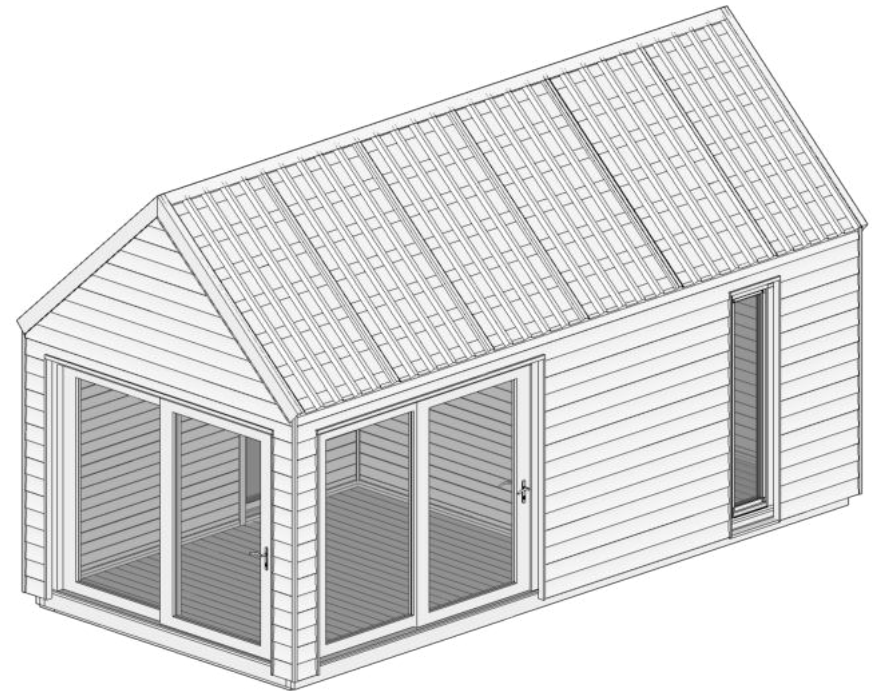
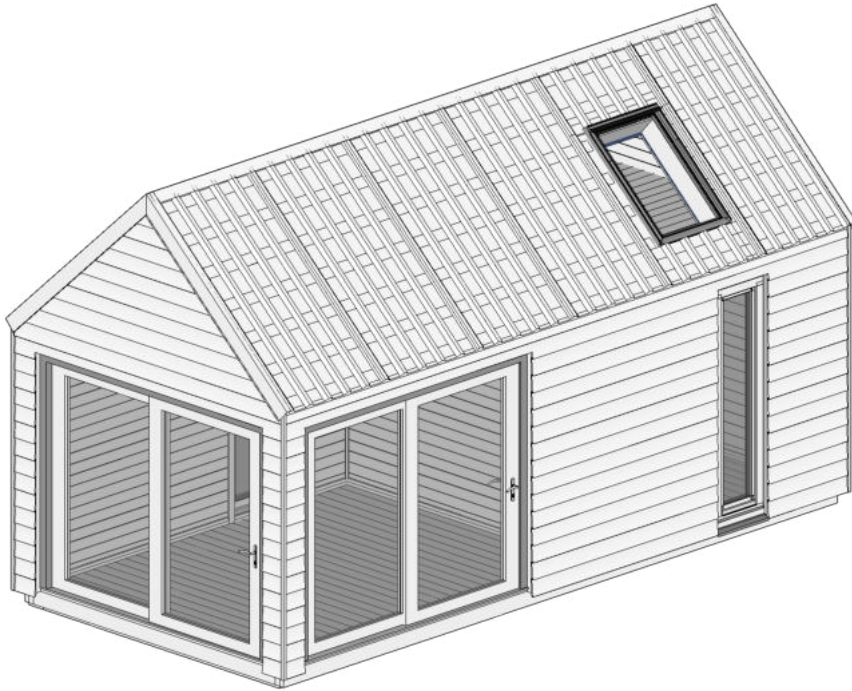
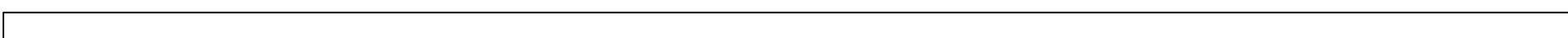
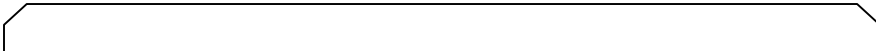
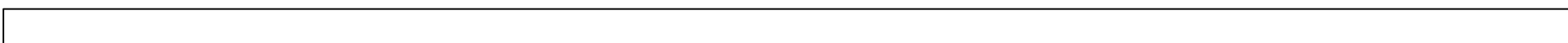
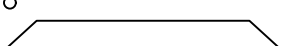
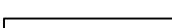
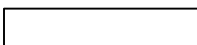
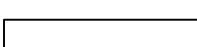
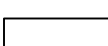
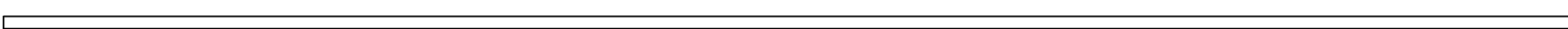
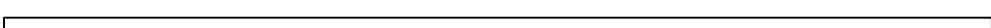
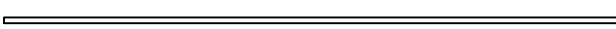
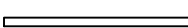
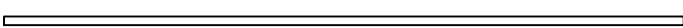
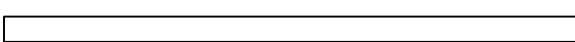
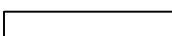
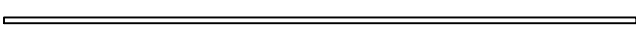
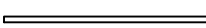
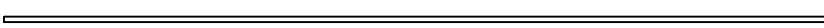
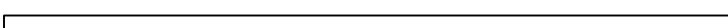
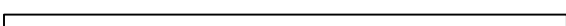
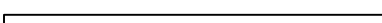
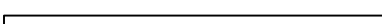
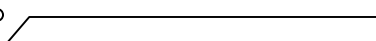
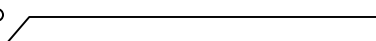
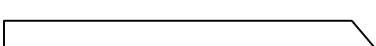
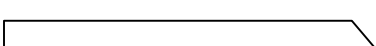
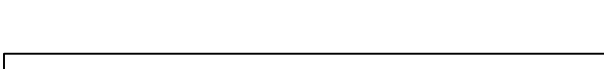
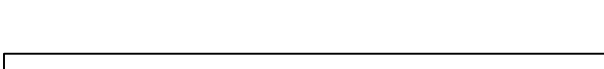
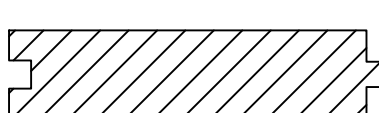
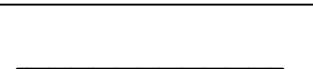
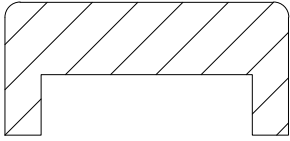
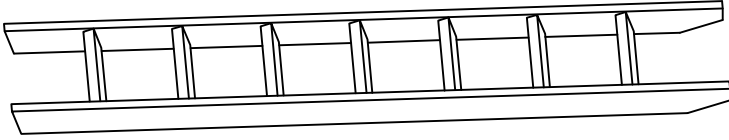
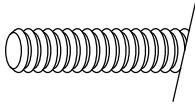
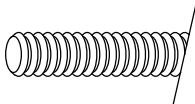
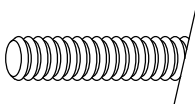
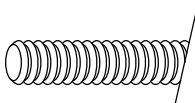
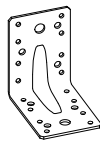
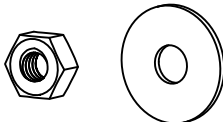
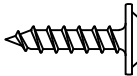
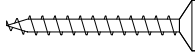
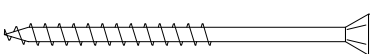
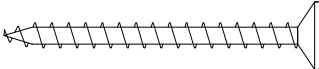
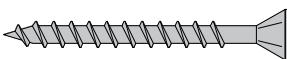
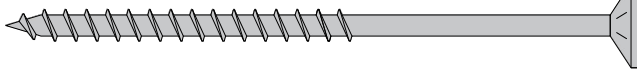
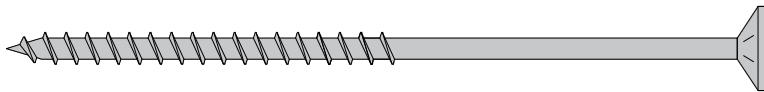
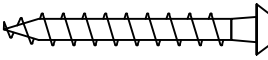
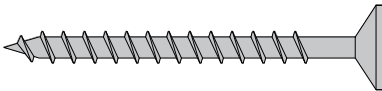
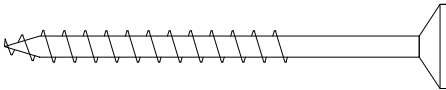
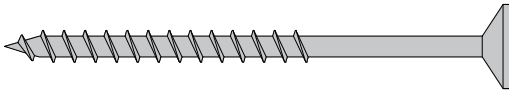


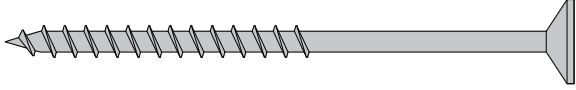
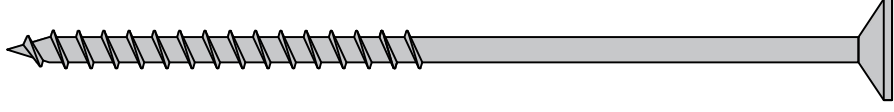
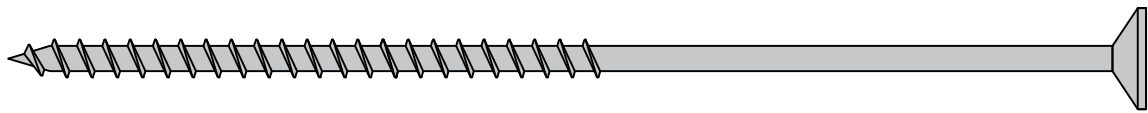
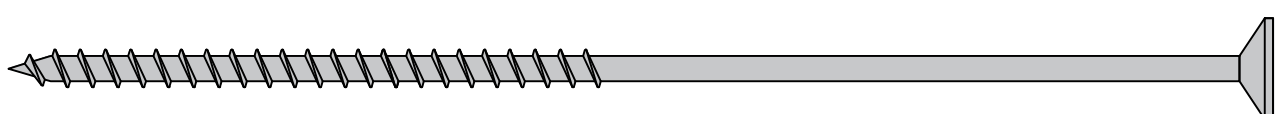
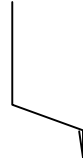
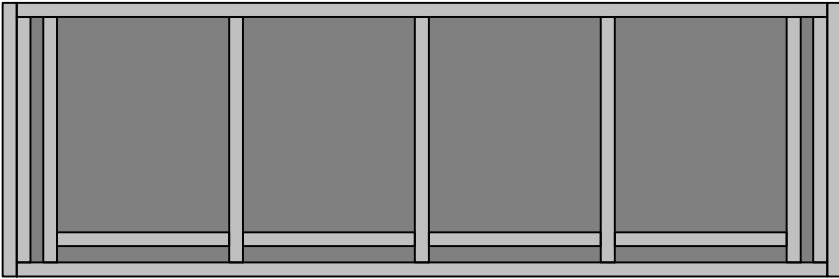
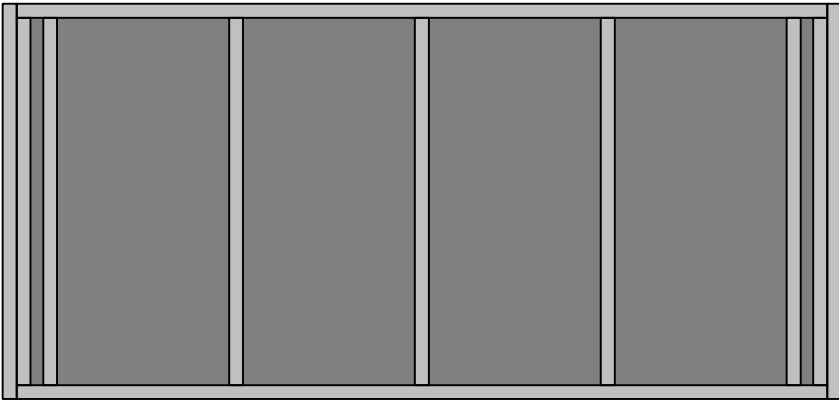
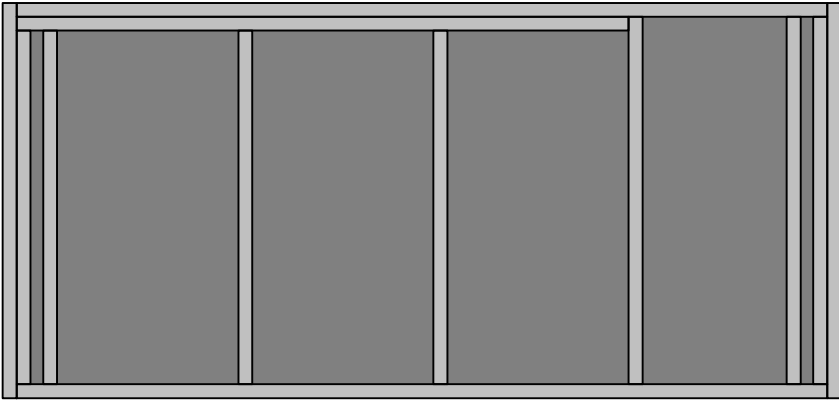
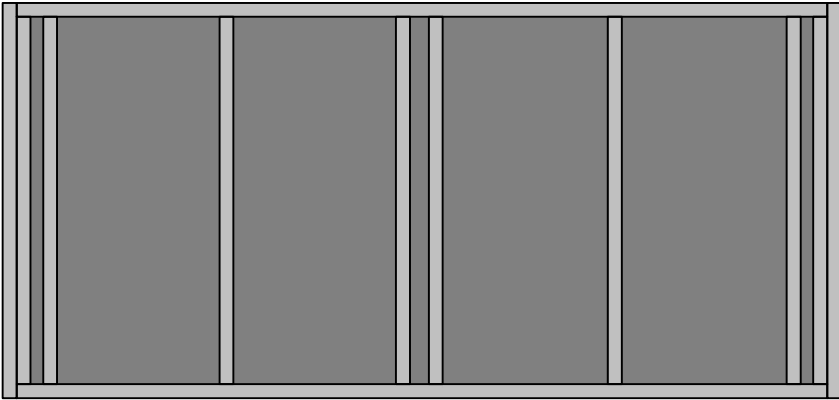
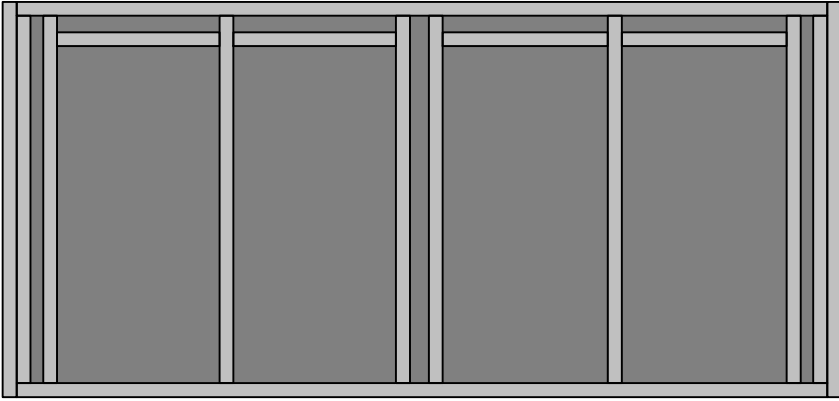
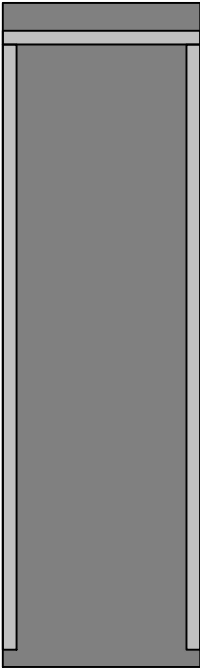
TINY ALPHOUSE COMFORT ASSEMBLY GUIDE

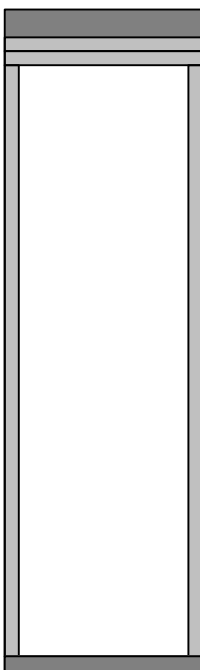
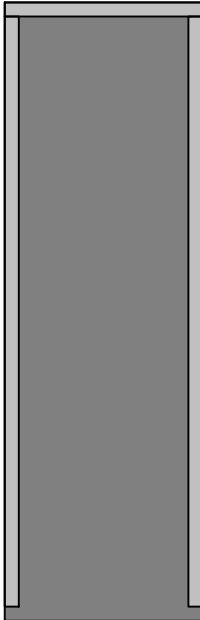
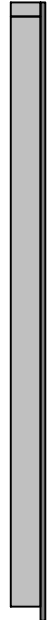
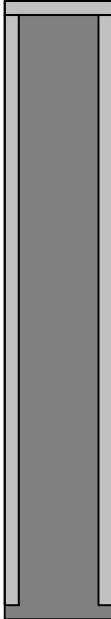
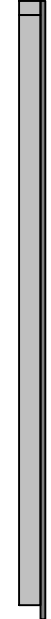


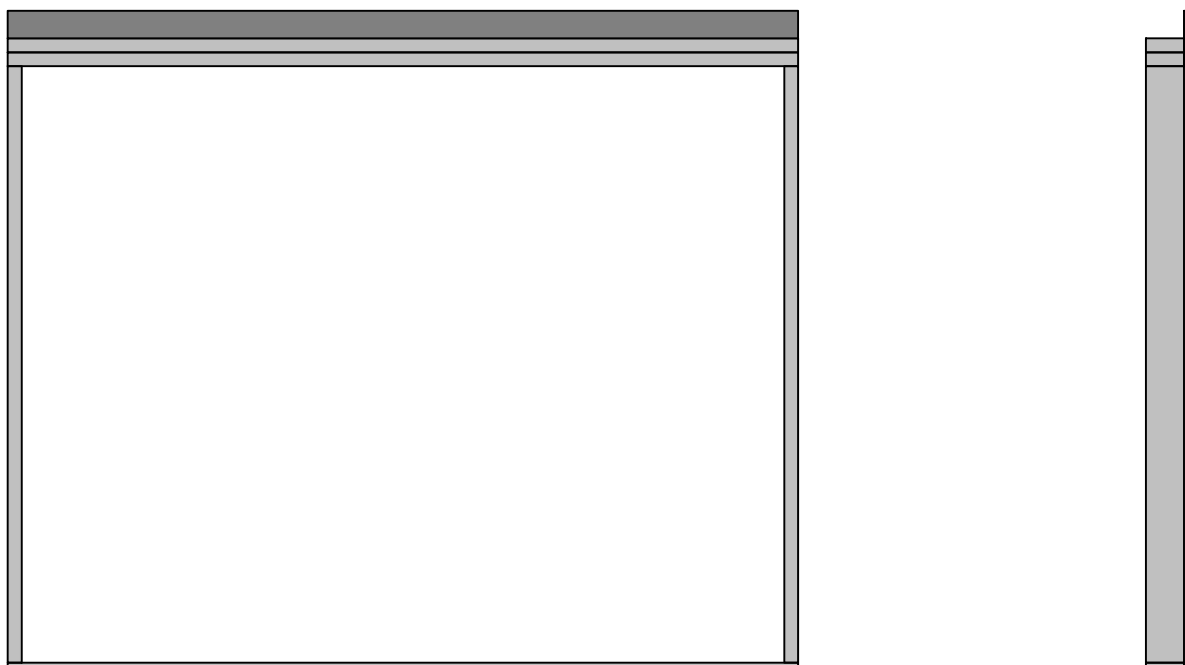
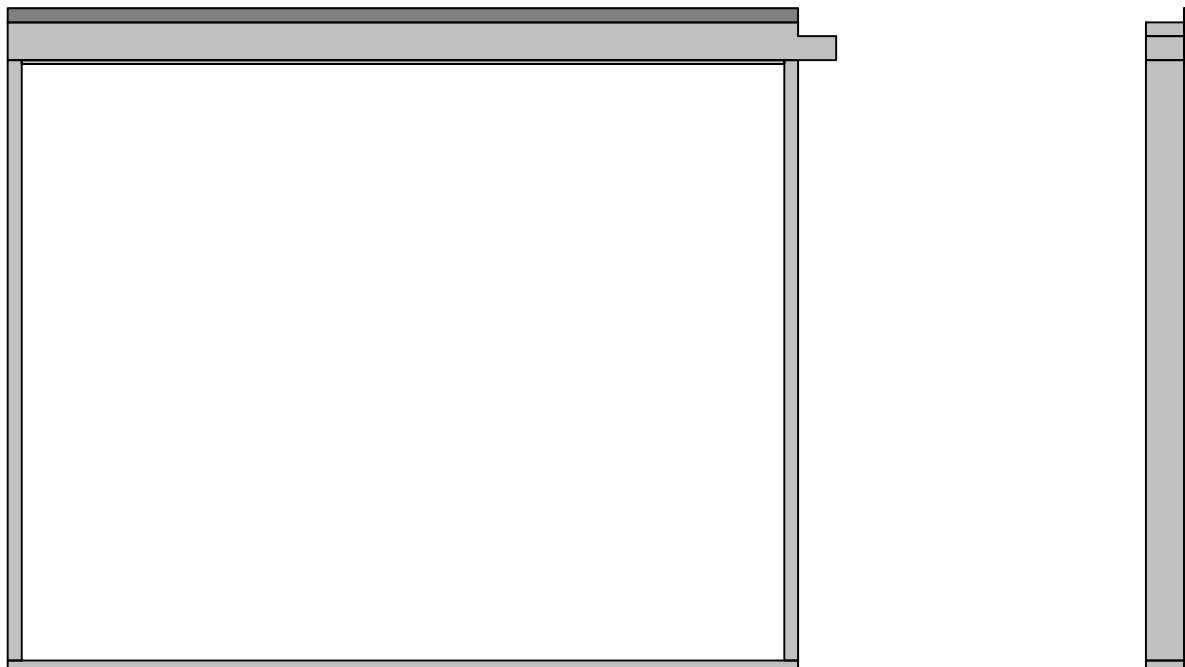
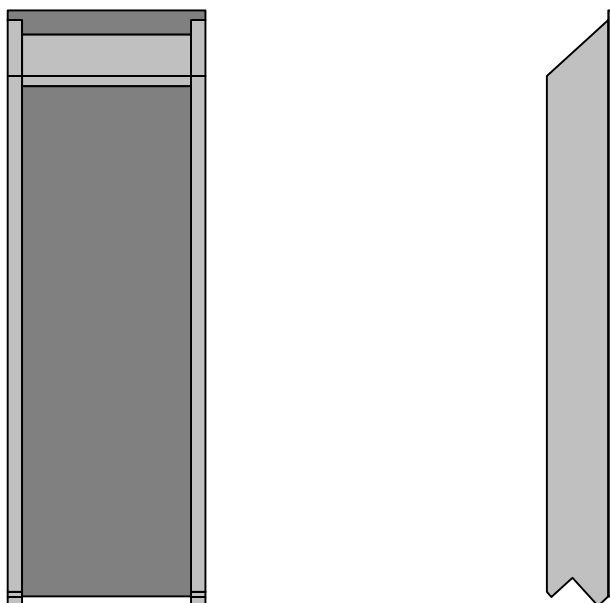
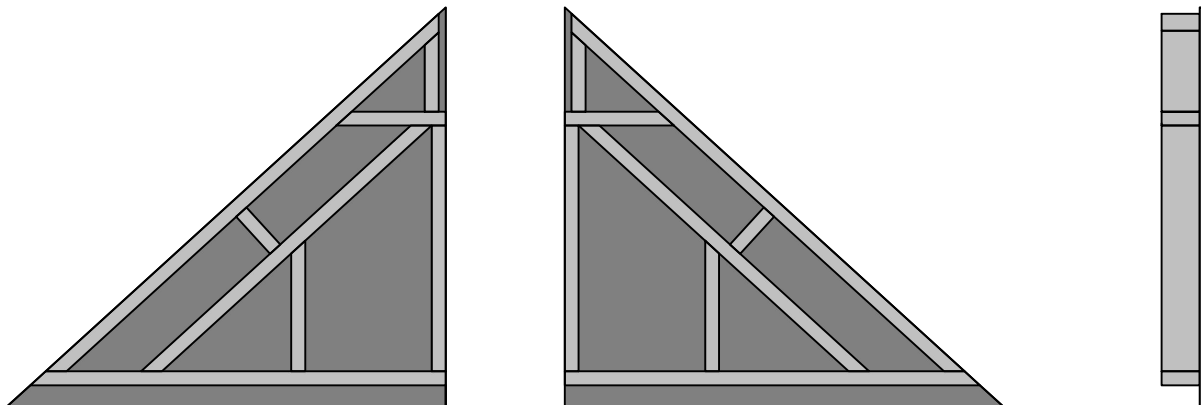
Pos	Teileliste/Specification Tiny AlpHouse Comfort		Stck Pcs.	Profil Profile (mm)	Länge Length (mm)	
FH1	FUNDAMENTHOLZ (imprägniert) - FOUNDATION BEAM (impregnated) 		2	44x120	5865	
DT1	DECKENTRÄGER - COVER CARRIER 		2	120x160	2770	
LT16	LATTEN - STUDS 		2	44x145	5865	
LT17	42.3°42.3°	LATTEN - STUDS ✓	18	94x44	880	
LT12		LATTEN - STUDS	18	44x44	535	
LE16		LEISTE - LATH	18	44x120	625	
LE20		LEISTE - LATH	5	44x94	625	
LE21		LEISTE - LATH	1	44x94	340	
LT25	LATTEN - STUDS 		1	120x44	5625	
LT26	LATTEN - STUDS 		1	120x44	3125	
LE6		LEISTE - LATH ✓	10	58x18	1950	
LE23		LEISTE - LATH ✓	2	58x28	2450	
LE22		LEISTE - LATH ✓	3	58x28	585	
LE5		LEISTE - LATH ✓	2	145x18	1950	
LE2		LEISTE - LATH ✓	4	27x27	2150	
LE7		LEISTE - LATH ✓	6	28x80	1813	
LE26		LEISTE - LATH ✓	6	28x80	535	
LE8		LEISTE - LATH ✓	10	58x18	2000	
LE25		LEISTE - LATH ✓	3	58x18	650	
LE24		LEISTE - LATH ✓	2	58x18	2600	
LE11		LEISTE - LATH ✓	3	45x12	1900	
LT29	LATTEN - STUDS  ✓		1	44x44	2300	
LT28	LATTEN - STUDS  ✓		1	44x44	1780	
LT27		LATTEN - STUDS ✓	2	44x44	400	
LT15		LATTEN - STUDS ✓	3	44x44	195	
Kood	Tiny AlpHouse Comfort S3.1.00076.0			Materjal		Leht 1/8

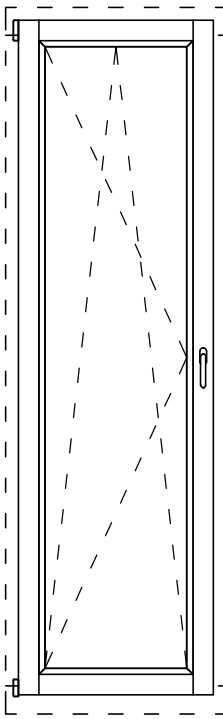
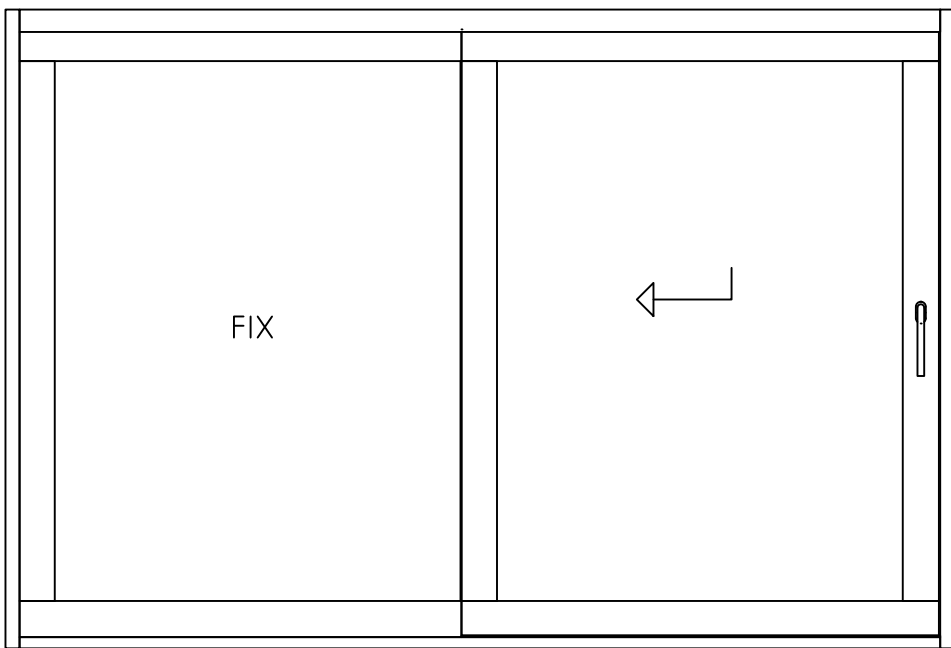
Pos	Teileliste/Specification Tiny AlpHouse Comfort		Stck. Pcs.	Profil Profile (mm)	Länge Length (mm)
LT32	LATTEN - STUDS 		1	94x44	1207
LT33	LATTEN - STUDS 		1	94x44	1205
LT31	49.6°	LATTEN - STUDS 	✓1	94x44	1185
LT30	49.6°	LATTEN - STUDS 	✓1	94x44	1180
LT35	LATTEN - STUDS 		1	94x44	625
LT37	LATTEN - STUDS 		3	94x44	2500
LT38	LATTEN - STUDS 		1	94x44	2495
LT36	LATTEN - STUDS 		1	94x44	1831
LT34	LATTEN - STUDS 		1	94x44	1253
LT10	LATTEN - STUDS 		1	94x44	1029
LT8	LATTEN - STUDS 		1	94x44	943
LT13	LATTEN - STUDS 		2	94x44	800
LT9	LATTEN - STUDS 		1	94x44	1955
LT11		LATTEN - STUDS 	✓1	44x145	1914
DL2		DISTANZLEISTE - SPACER LATH 	✓	44x44	8 lm /lfm
DL3		DISTANZLEISTE - SPACER LATH 	✓	40x30	98 lm /lfm
DL5		DISTANZLEISTE - SPACER LATH 	✓	95x18	86 lm /lfm
DL4		DISTANZLEISTE - SPACER LATH 	✓	70x34	53 lm /lfm
	FUSSBODENBRETTER - FLOOR BOARDS	 ✓	50+2	113x28	2490
	SCHLAFBODENBRETTER - SLEEPING FLOOR BOARDS	 ✓	22+1	113x28	2455
	WANDSCHALUNG - OUTSIDE CLADDING	 ✓		135x20	270 lm /lfm
	WANDSCHALUNG - INSIDE CLADDING	 ✓		88x12	810 lm /lfm
	FUSSBODENLEISTEN - FLOOR STRIPS	 ✓		14x55	30 lm /lfm
	DECKENLEISTEN - CEILING STRIPS 15x28	 ✓		15x28	15 lm /lfm
	INSIDE CORNER STRIPS	 ✓	8	22x22	2400
Kood	Tiny AlpHouse Comfort S3.1.00076.0		Materjal		Leht 2/8

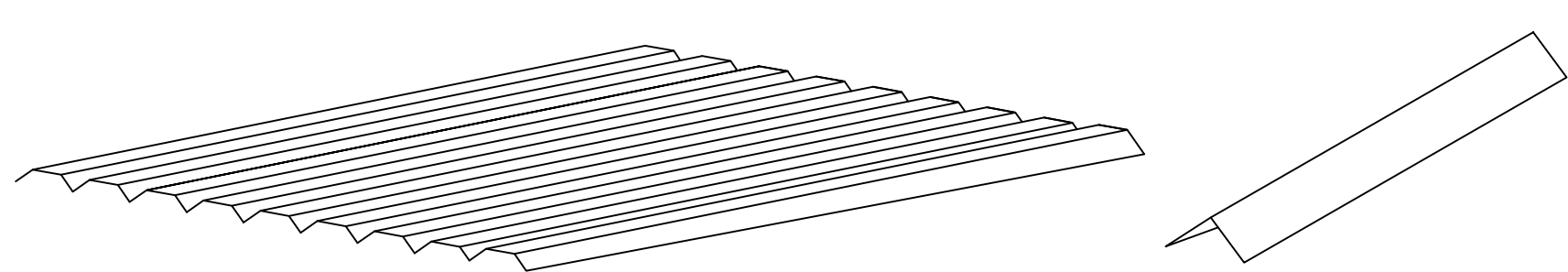
Pos	Teileliste/Specification Tiny AlpHouse Comfort		Stück Pcs.	Profil Profile (mm)	Länge Length (mm)
	OUTSIDE CORNER STRIPS	 ✓	2	35x35	2100
UP6-1	U-PROFIL - U-PROFILE 70	 ✓	1	44x94	1650
TR01	LEITER - LADDER		1		2200
KL-1	Gewindestange - Threaded rod M12		13		135
KL-2	Gewindestange - Threaded rod M12		3		180
KL-3	Gewindestange - Threaded rod M12		6		200
KL-4	Gewindestange - Threaded rod M12		18		250
PS01	PFETTENSCHUH - JOIST HANGER 45X97		2		
W9965	Winkel - Angle bracket 90x90x65 verstärkt - reinforced		38		
MUT27	Mutter - Nut M12 U-Scheibe - Washer ?40		80		
SR4 219A	Schrauben - Screws 4.2x19 Anthrazit - Anthracite		10		
SR32	Schrauben - Screws 3.0x30		105		
SR3 458	Schrauben - Screws 3.4x58 28mm Fussbodenbretter - Floor boards		440		
SR3 547	Schrauben - Screws 3.5x45 C3		130		
SR43	Schrauben - Screws 4.0x50		2		
SR4 062	Schrauben - Screws 4.0x60 C3		45		
SR4 247	Schrauben - Screws 4.2X45 C3		910		
SR4 257	Schrauben - Screws 4.2X55 C3		30		
SR5 0102	Schrauben - Screws 5.0x100 C3		460		
SR5 0122	Schrauben - Screws 5.0x120 C3		45		
SR52	Schrauben - Screws 5.0x42		460		
SR5 062	Schrauben - Screws 5.0x60 C3		340		
SR55	Schrauben - Screws 5.0x70		20		
SR5 082	Schrauben - Screws 5.0x80 C3		590		
	✓ - Bitte selber anpassen (falls nötig)! / Cut into length on site (if needed)!				
Kood	Tiny AlpHouse Comfort S3.1.00076.0		Materjal		Leht 3/8

Pos	Teileliste/Specification Tiny AlpHouse Comfort		Stck Pcs.	Profil Profile (mm)	Länge Length (mm)
SR5 092	Schrauben - Screws 5.0x90 C3		380		
SR6 0142	Schrauben - Screws 6.0x140 C3		60		
SR6 0182	Schrauben - Screws 6.0x180 C3		20		
SR6 0202	Schrauben - Screws 6.0x200 C3		18		
PL-1	BOTTOM WINDOW METAL SHEET		3		535
FEL-1			1	138x865	2652
FEL-2			1	138x1250	2652
FEL-3			1	138x1250	2652
FEL-4			1	138x1250	2652
FEL-5			1	138x1250	2652
WEL-1			15	135x625	2100
Kood Tiny AlpHouse Comfort S3.1.00076.0			Materjal		Leht 4/8

Pos	Teileliste/Specification Tiny AlpHouse Comfort		Stck Pcs.	Profil Profile (mm)	Länge Length (mm)
WEL-W-1			3	135x625	2100
WEL-C-1			3	135x135	2100
WEL-C-2			1	135x135	2100
IWEL-1			5	109x625	1955
IWEL-2			1	109x340	1955
Kood	Tiny AlpHouse Comfort S3.1.00076.0			Materjal	
				Leht	5/8

Pos	Teileliste/Specification Tiny AlpHouse Comfort		Stck Pcs.	Profil Profile (mm)	Länge Length (mm)
WEL-D-1			1	135x2500	2090
WEL-D-2			1	135x2620	2090
REL-1			18	210x625	1883
REL-S-1			2+2	135x1385	1250
Kood Tiny AlpHouse Comfort S3.1.00076.0			Materjal		Leht 6/8

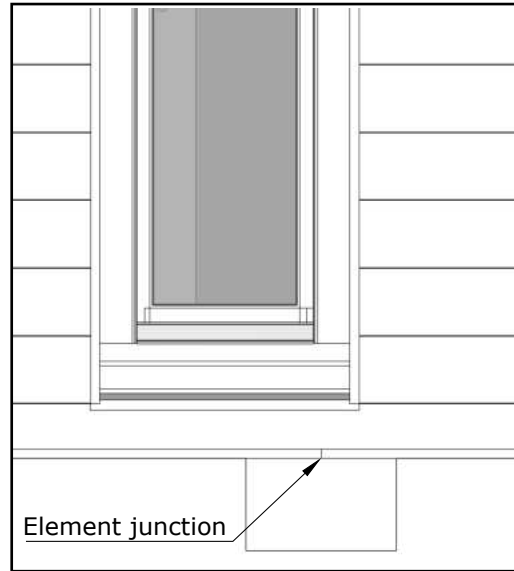
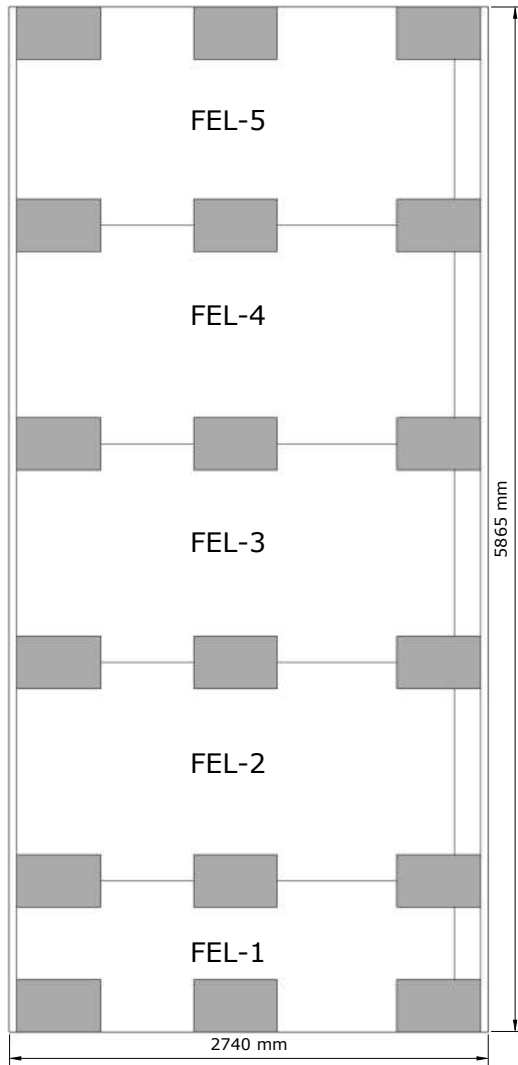
Pos	Teileliste/Specification Tiny AlpHouse Comfort	Stck Pcs.	Profil Profile (mm)	Länge Length (mm)
	FENSTER/WINDOW 515x1845 IV68-15 515 1845  IV68-15 W125-VT Left handed	3		
	TÜR/DOOR 2390x1860 INOWA FIX 	2		

Pos	Teileliste/Specification Tiny AlpHouse Comfort	Stck. Pcs.	Profil Profile (mm)	Länge Length (mm)
	RUUKKI trapezoidal metal roof set 	1 set		
	OUTSIDE WIND AND MOISTURE BARRIER WALL AND ROOF	75m2		
	VAPOR AND WIND BARRIER FIXING TAPE	3 rolls		
	BOTTOM WINDOW METAL SHEET SILICONE- NOT INCLUDED!			
	GUNFOAM FOR FIXING WINDOWS AND DOORS- NOT INCLUDED!			
Kood	Tiny AlpHouse Comfort S3.1.00076.0	Materjal		Leht 8/8

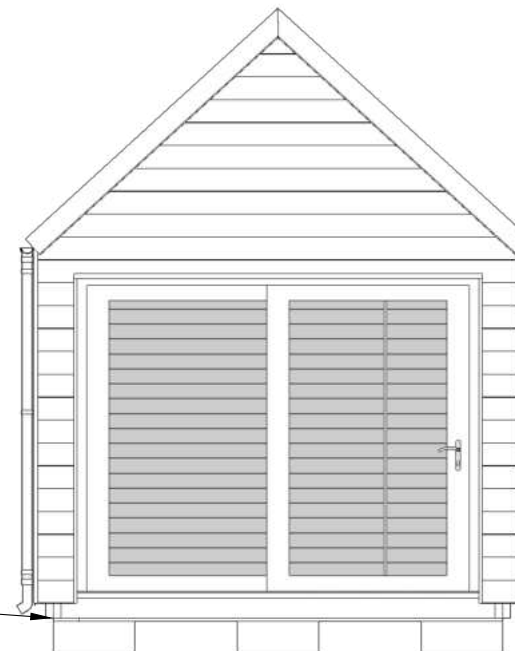
1a.

Installation of the building on the blocks. The blocks must be placed evenly at the junctions of the elements and to the corners.

View from below



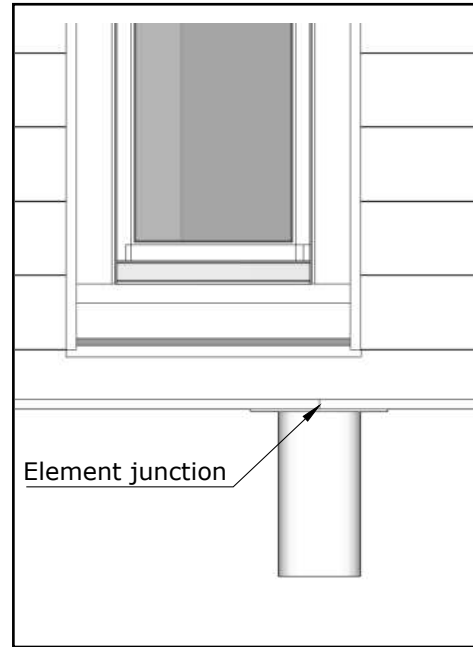
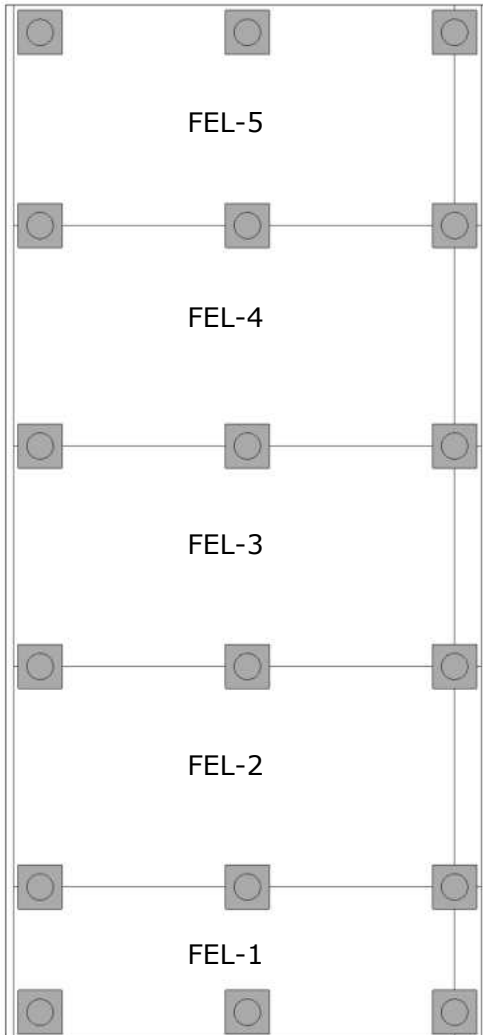
Use a protective sealant between the wood and the concrete.



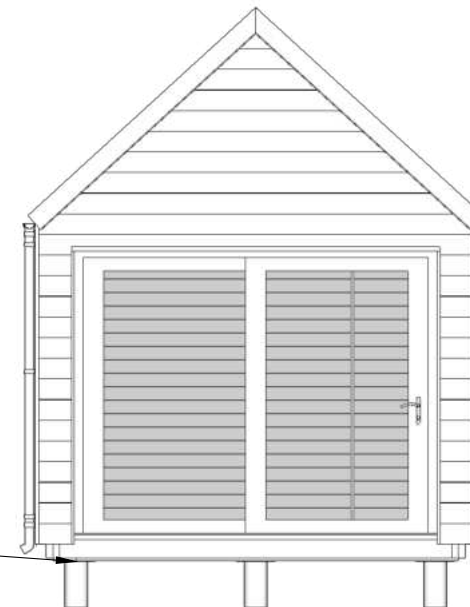
1b.

Installation of the building on the post foundation. The posts must be placed evenly at the junctions of the elements and to the corners.

View from below



Use a protective sealant between the wood and the concrete or metal.

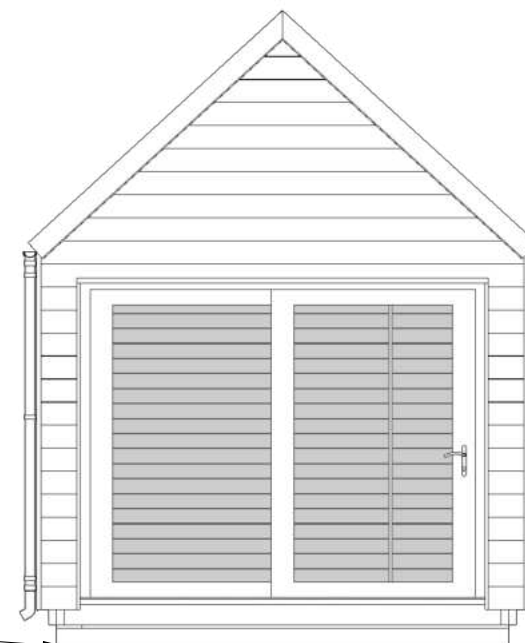
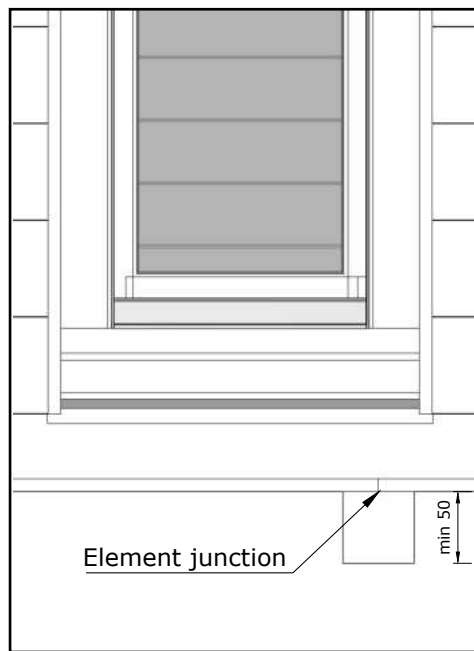
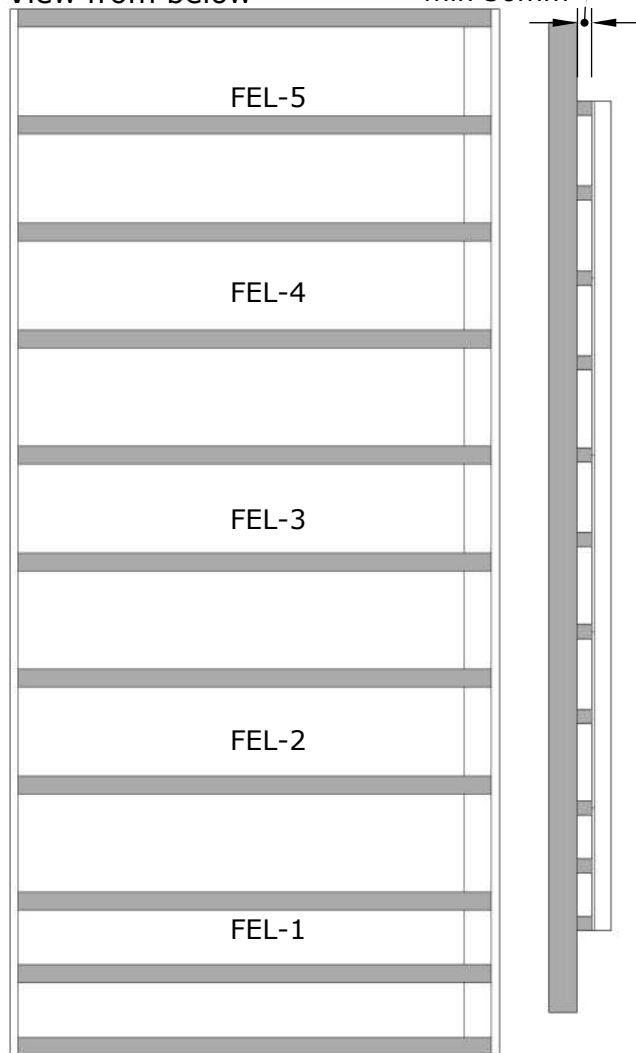


1c.

Installation of the building on a concrete or stone slab. The ventilation gap between elements and concrete is min 50 mm

View from below

min 50mm

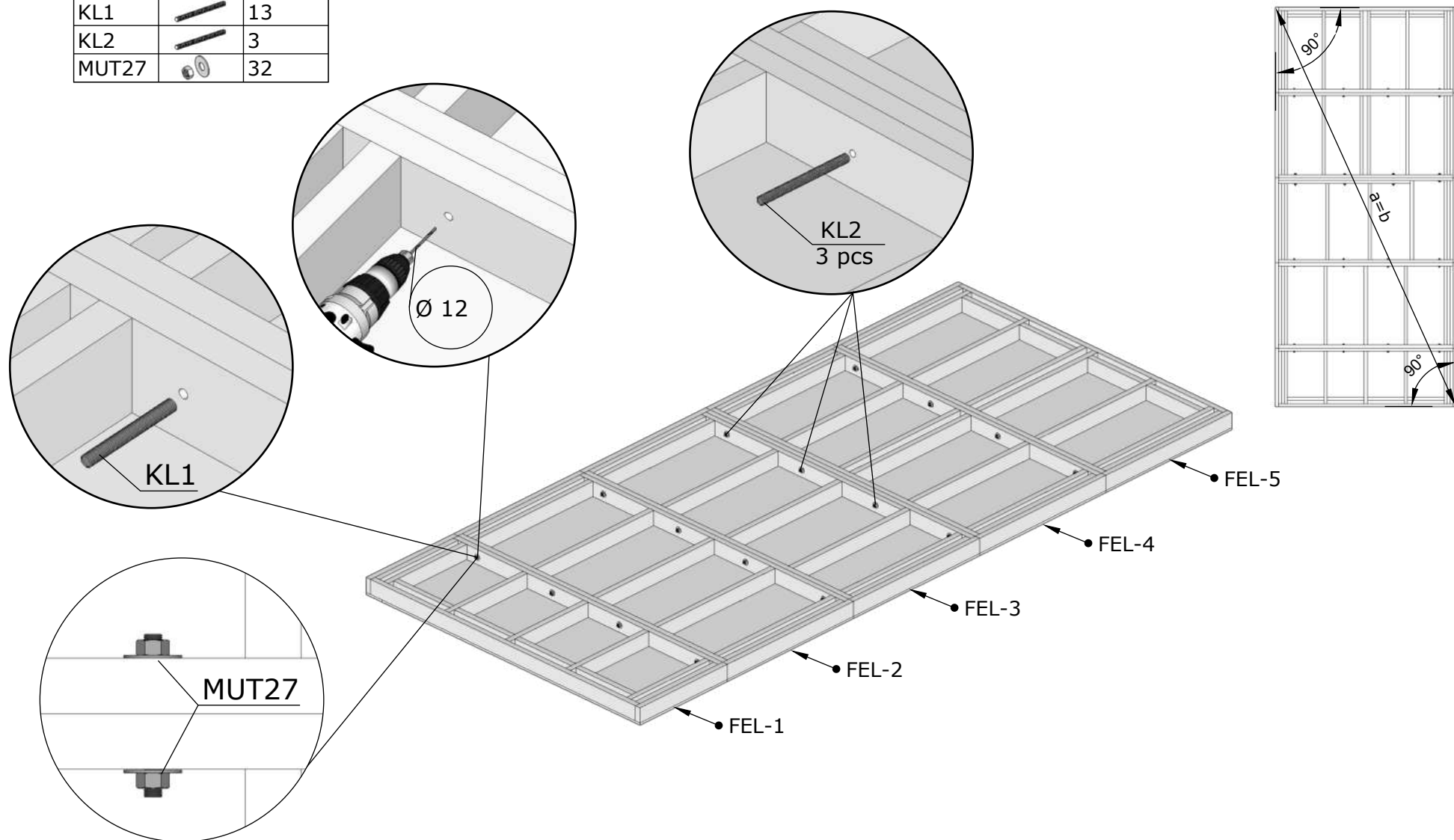


Use a moisture barrier between wood and concrete or stone slab.

2.

Pos	Profile	Pcs
FEL-1		1
FEL-2		1
FEL-3		1
FEL-4		1
FEL-5		1
KL1		13
KL2		3
MUT27		32

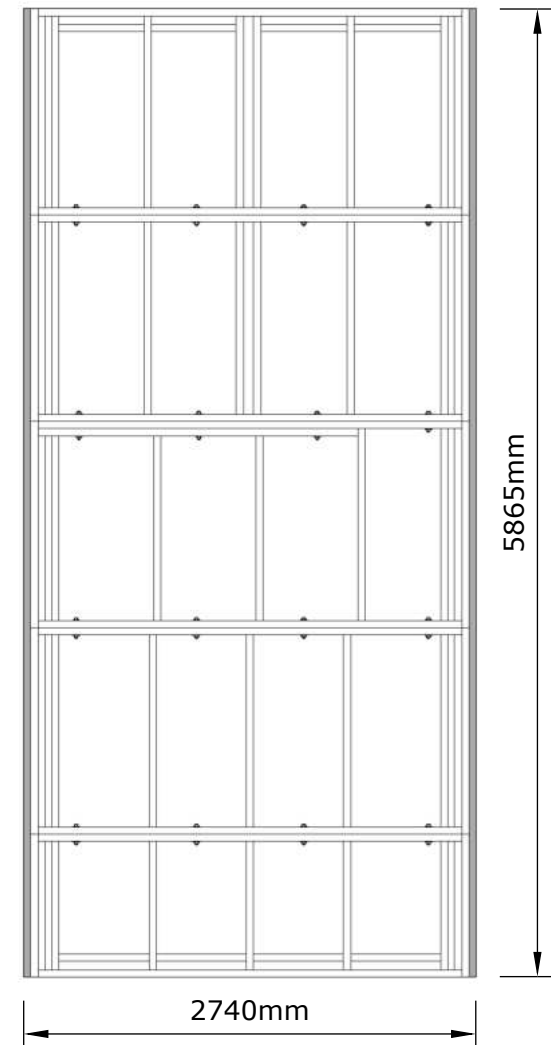
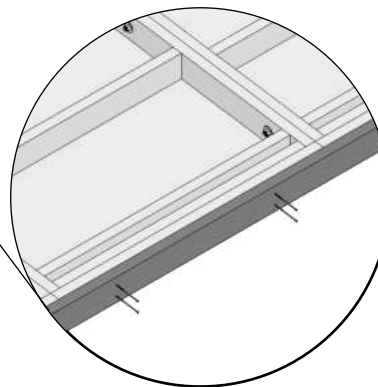
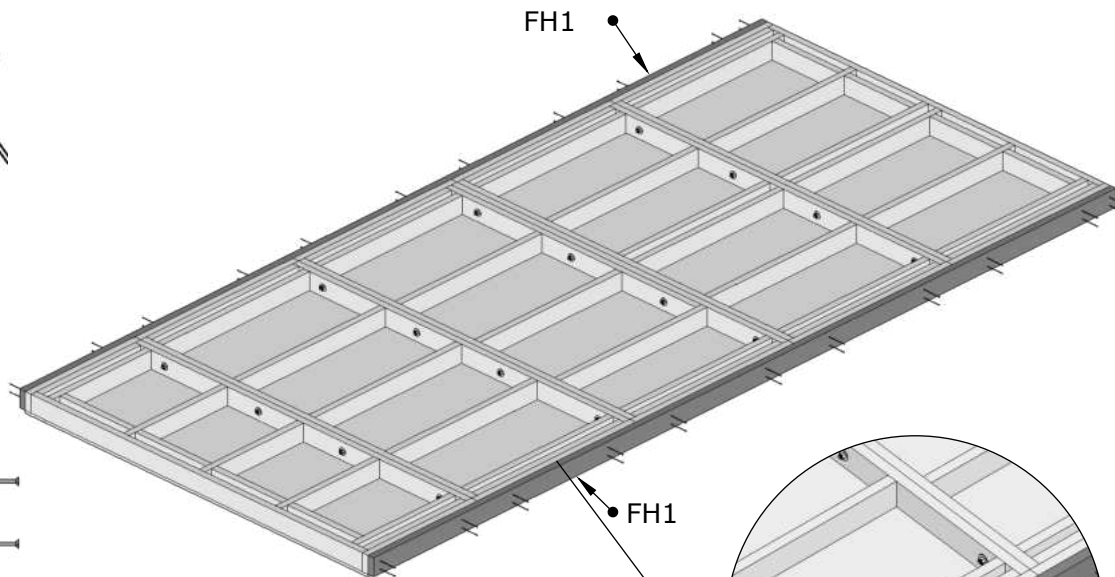
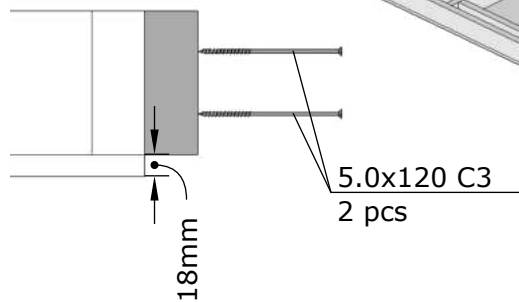
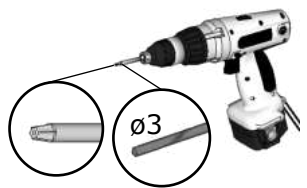
Install the floor elements and fasten them together using threaded rods, nuts and washers. First, drill $\varnothing 12$ holes. Every floor element is secured with 4 threaded rods. Check the dimensions of the elements and make sure that the diagonals of the base frame are equal. The dimensions of the elements can be found on the specification.



3.

Pos	Profile	Pcs
FH1	44x120	2
5x120 C3		44

Add and fasten the FH1 beams with screws.



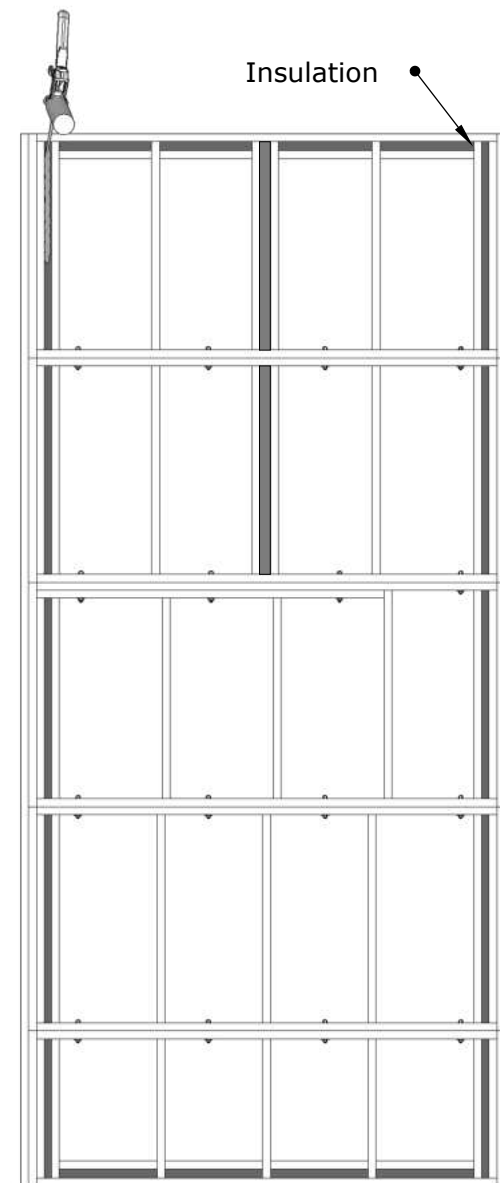
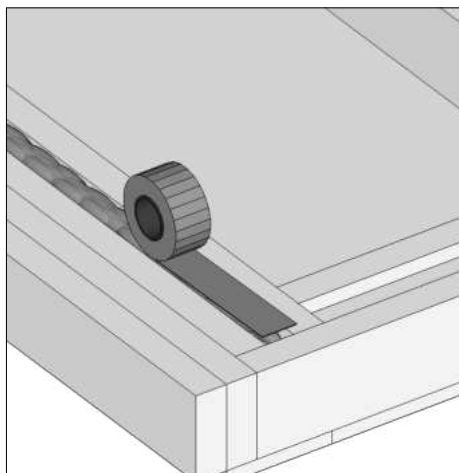
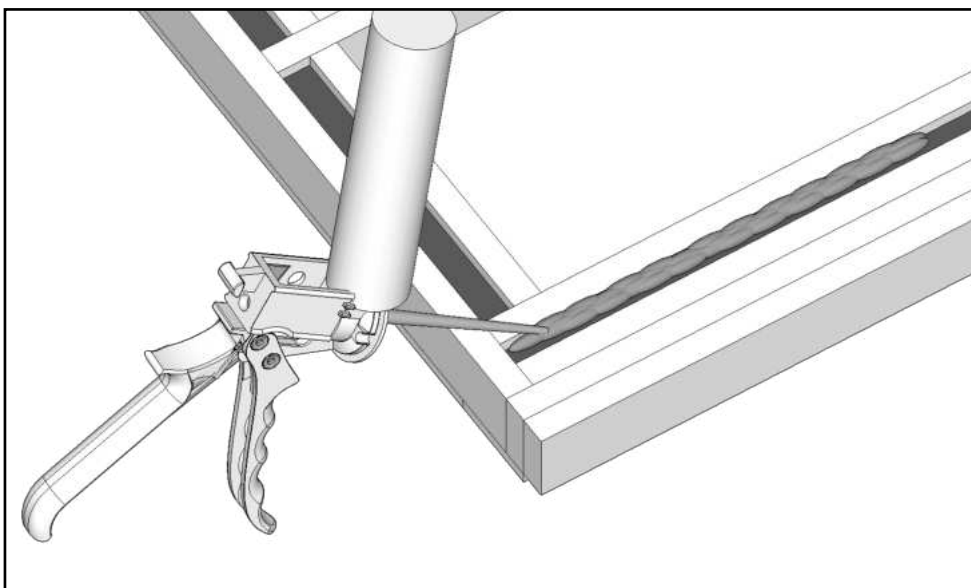
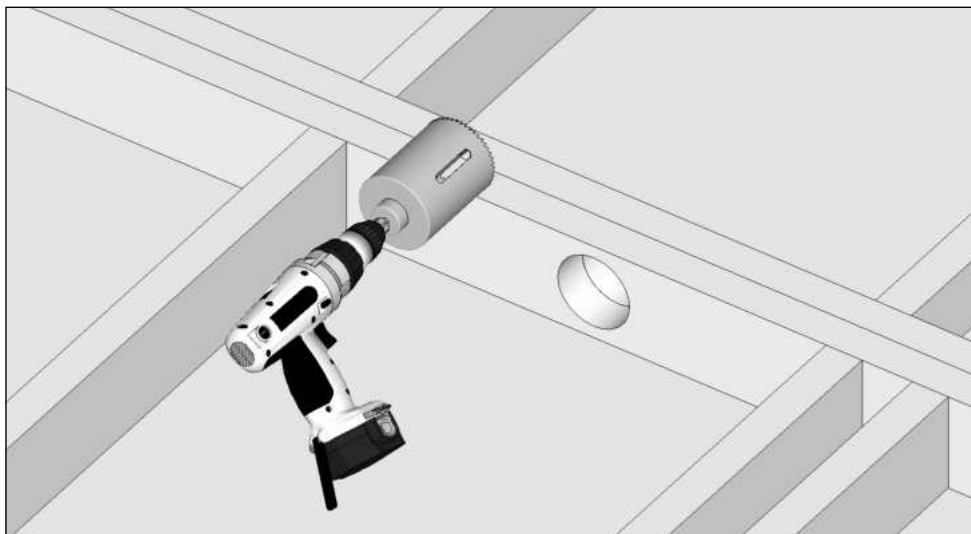
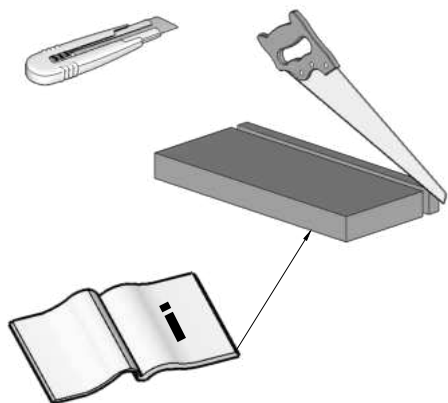
4.

Pos		Pcs
100mm SPU AL	Floor insulation*	
	Aluminium tape	

* Insulation is included if it is opted for building.

Install the insulation material according to the manufacturer's installation instructions!

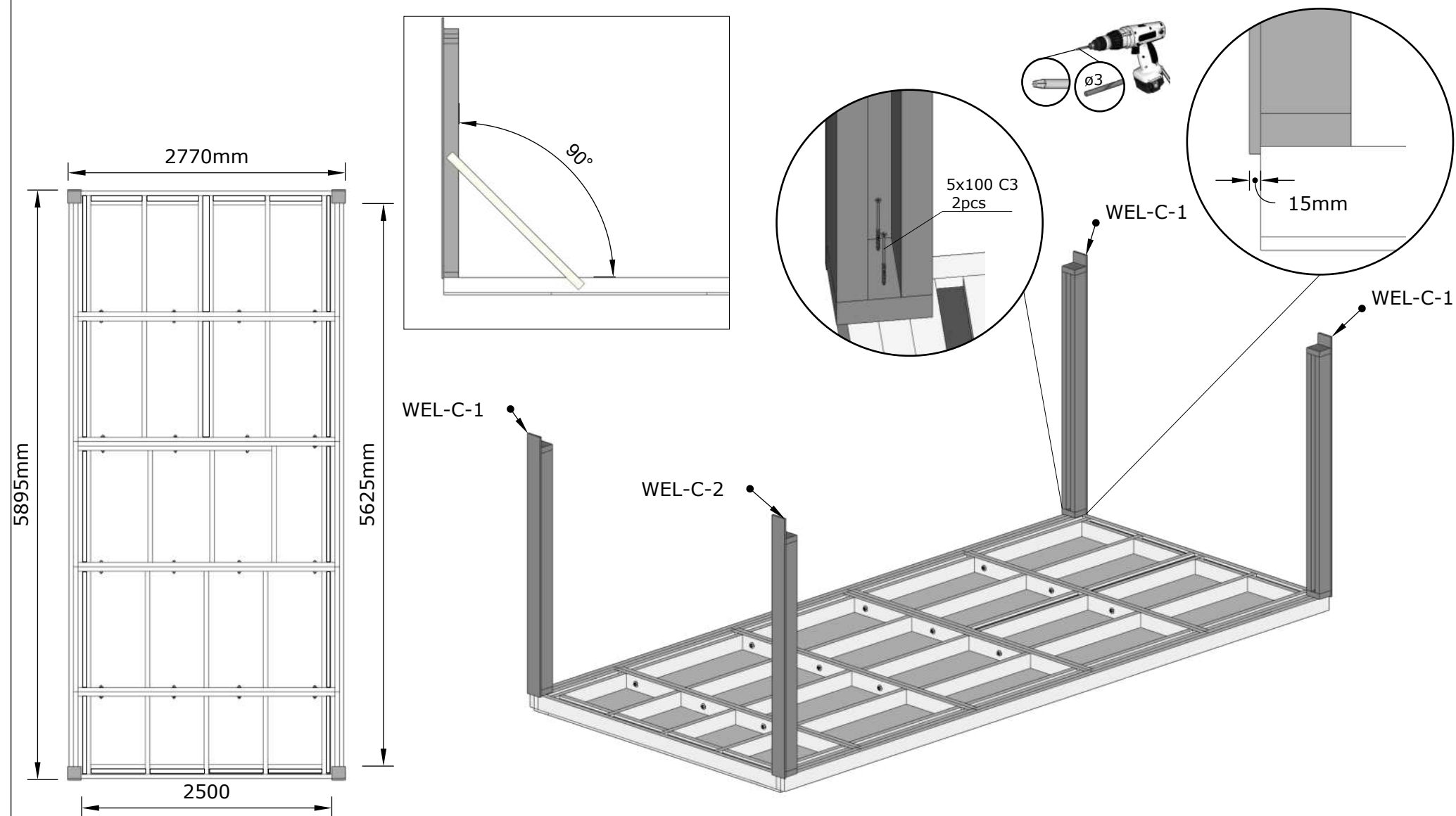
If necessary, drill holes for piping and lay pipes down. If the building is insulated, it is necessary that in this step the gaps between the elements that remain under the wall elements are insulated. Cut floor insulation boards to size. Fix insulation boards using gunfoam. For better sealing, use aluminium tape to tape insulation and wood gaps.



5.

Pos	Profile	Pcs
WEL-C-1		3
WEL-C-2		1
5x100 C3		8

Add and fasten corner wall elements. Make sure the elements are at 90 degrees. If necessary, fix temporarily with a slat. The dimensions of the elements can be found on the specification.



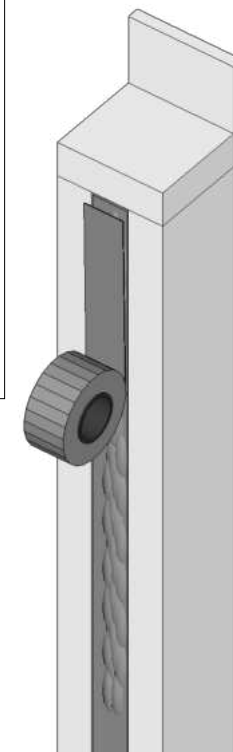
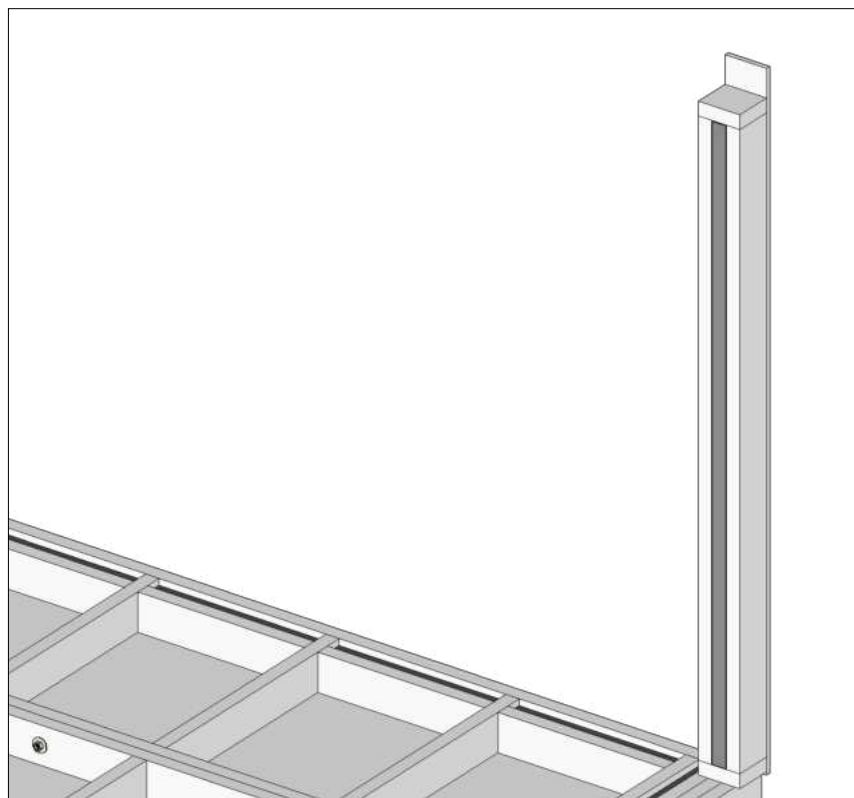
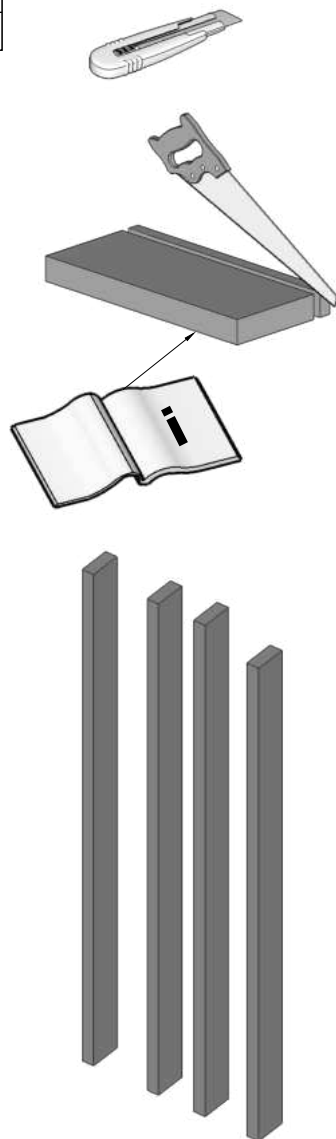
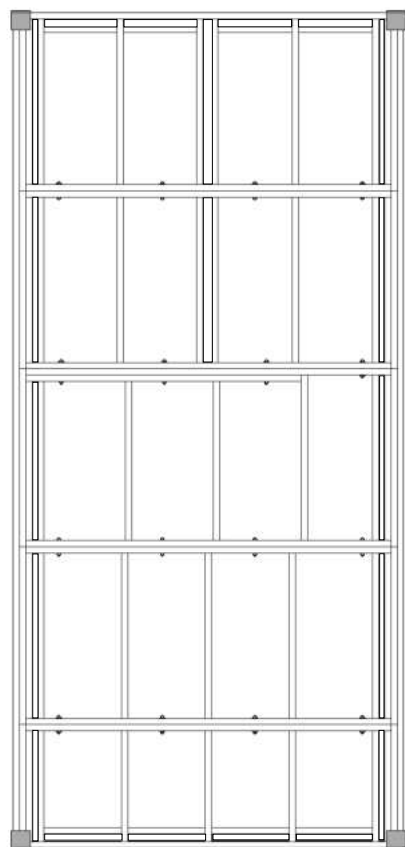
6.

Pos		Pcs
120mm SPU AL	Wall insulation*	
	Aluminium tape	

* Insulation is included if it is opted for building.

Install the insulation material according to the manufacturer's installation instructions!

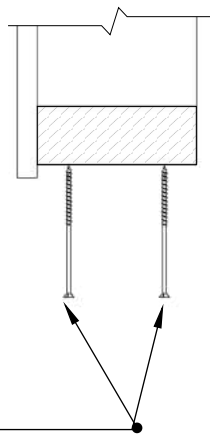
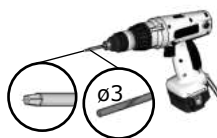
If the building is insulated, it is necessary that in this step the corner wall elements are insulated before installing next wall elements. Cut wall insulation boards to size. Fix insulation boards using gunfoam. For better sealing, use aluminium tape to tape insulation and wood gaps.



7.

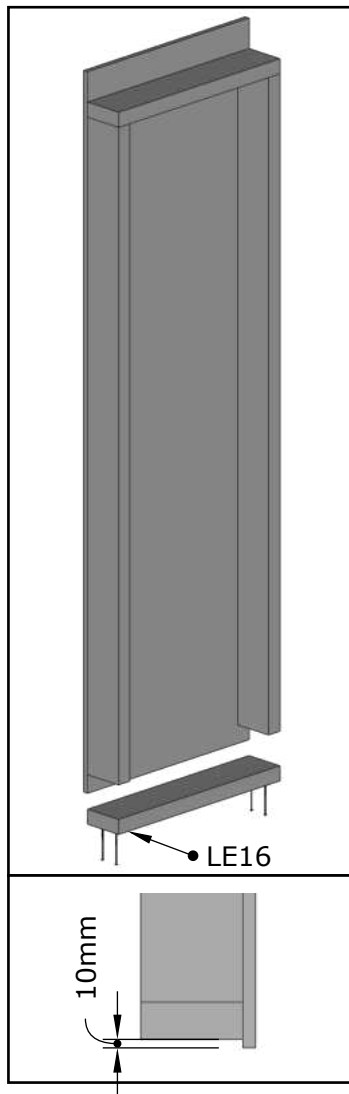
Pos	Profile	Pcs
WEL-1		15
WEL-W-1		3
IWEL-1		5
IWEL-2		1
LE16	44x120	18
LE20	44x94	5
LE21	44x94	1
5x100 C3		96

Before you can start attaching the wall elements, you must first attach the lower one to the wall elements. The dimensions of the elements can be found on the specification.

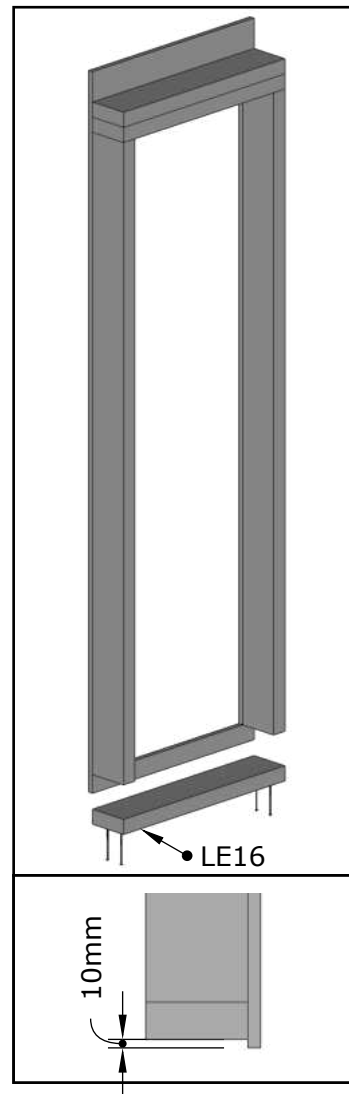


5x100 C3
4pcs

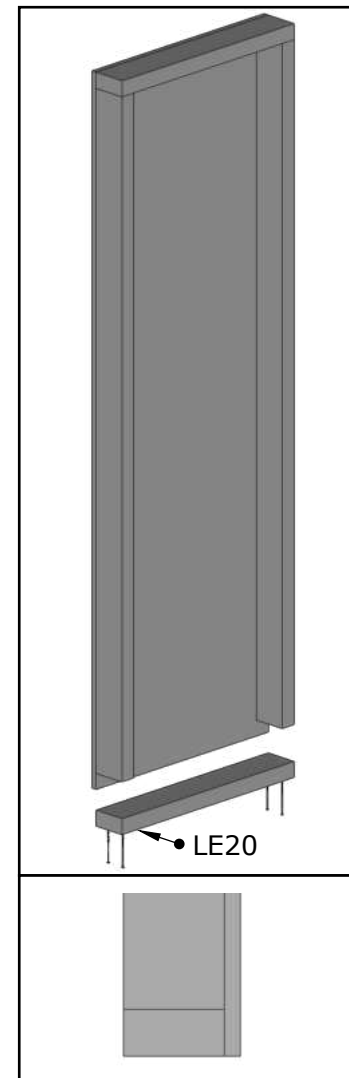
WEL1



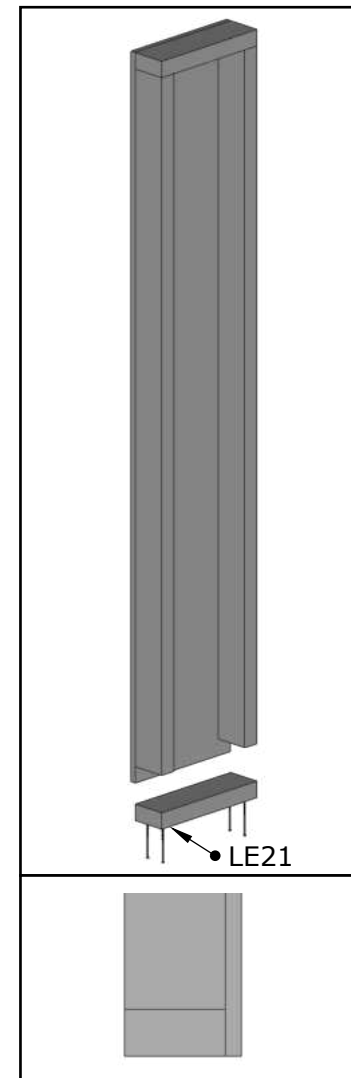
WEL-W-1



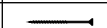
IWEL1



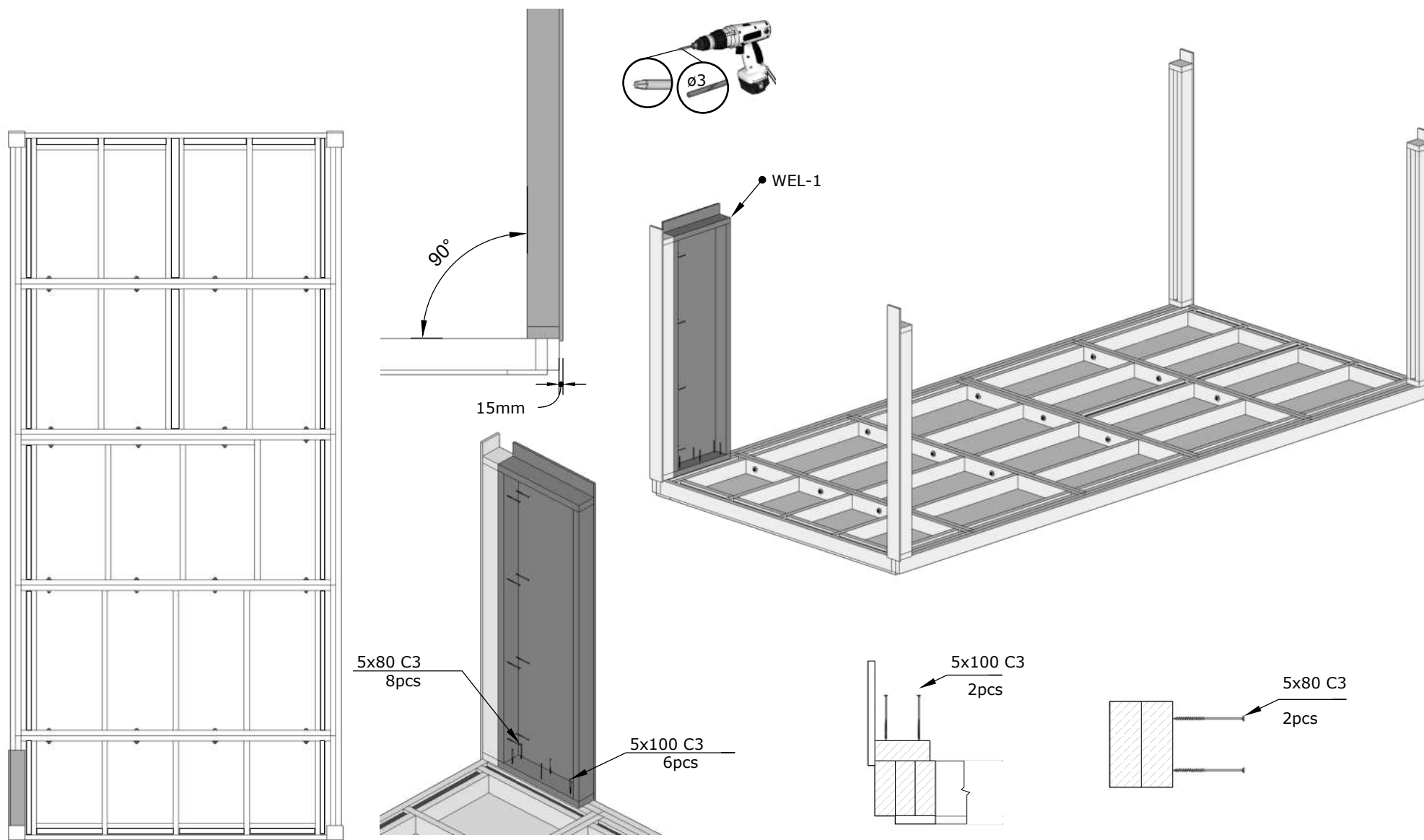
IWEL-2



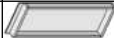
8.

Pos	Profile	Pcs
WEL-1		1
5x100 C3		6
5x80 C3		8

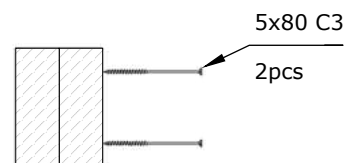
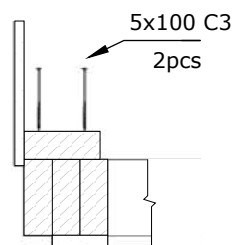
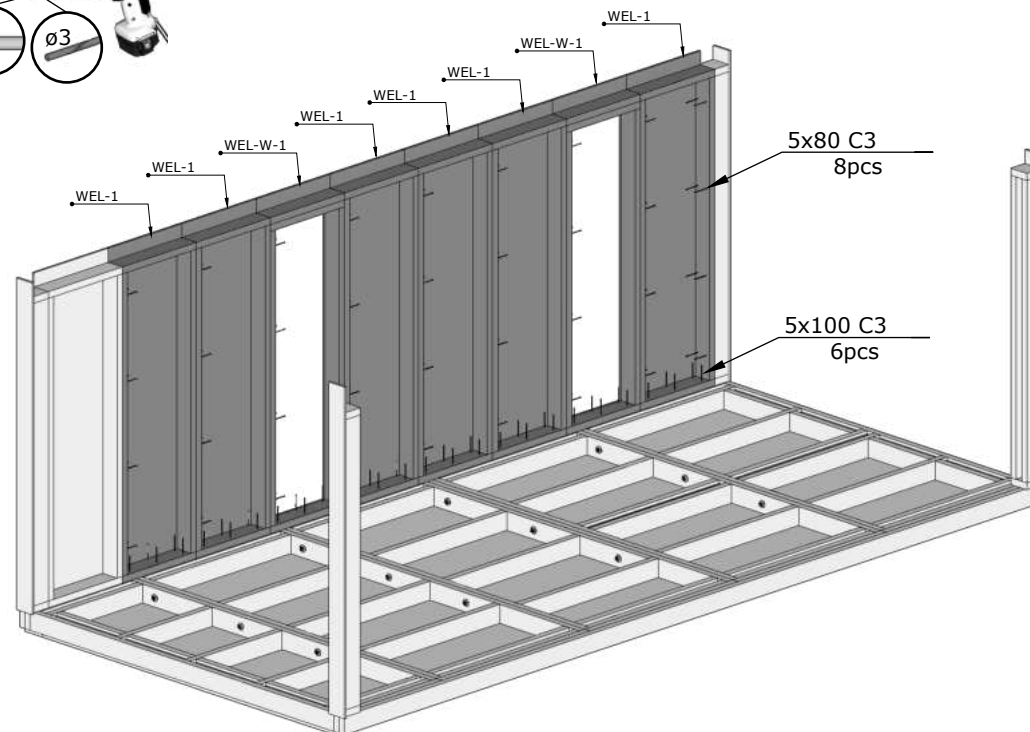
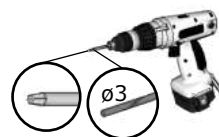
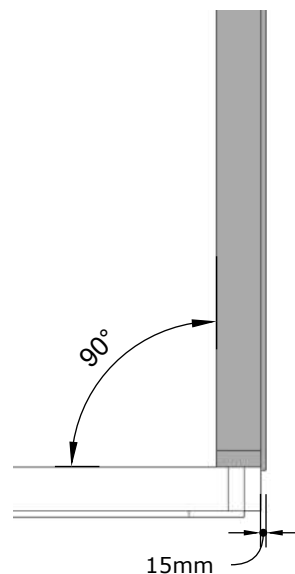
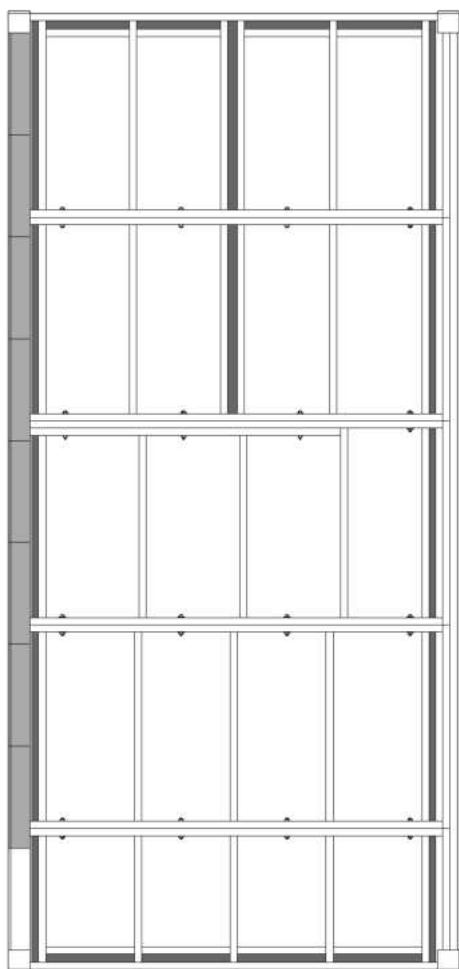
Install the first wall element. The dimensions of the elements can be found on the specification.



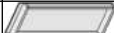
9.

Pos	Profile	Pcs
WEL-1		6
WEL-W-1		2
5x100 C3		48
5x80 C3		72

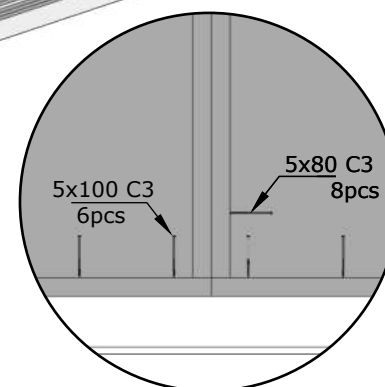
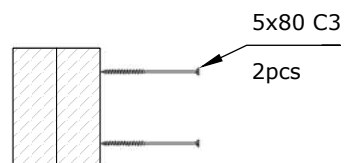
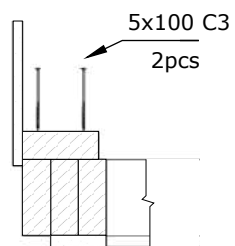
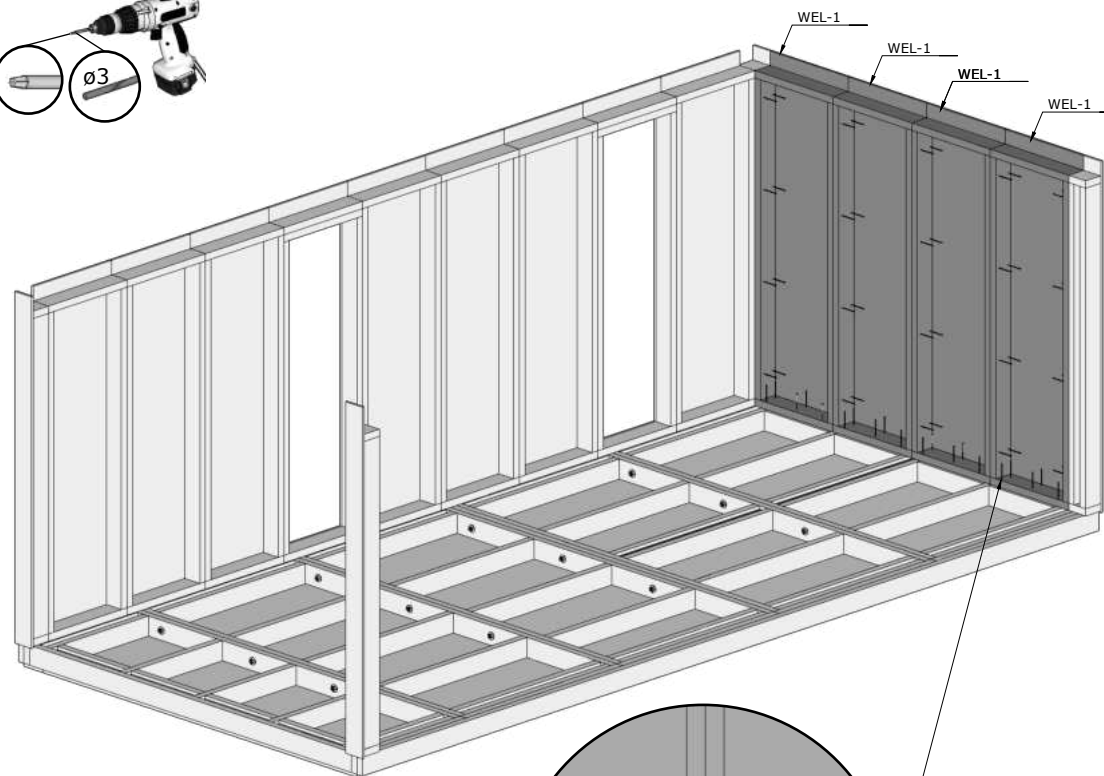
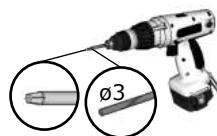
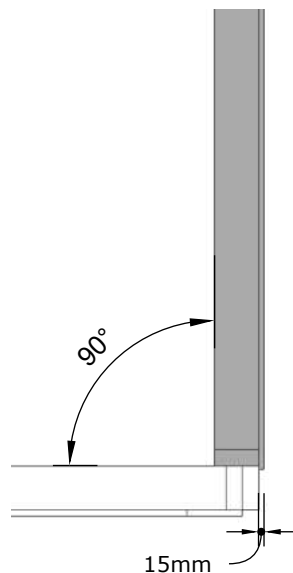
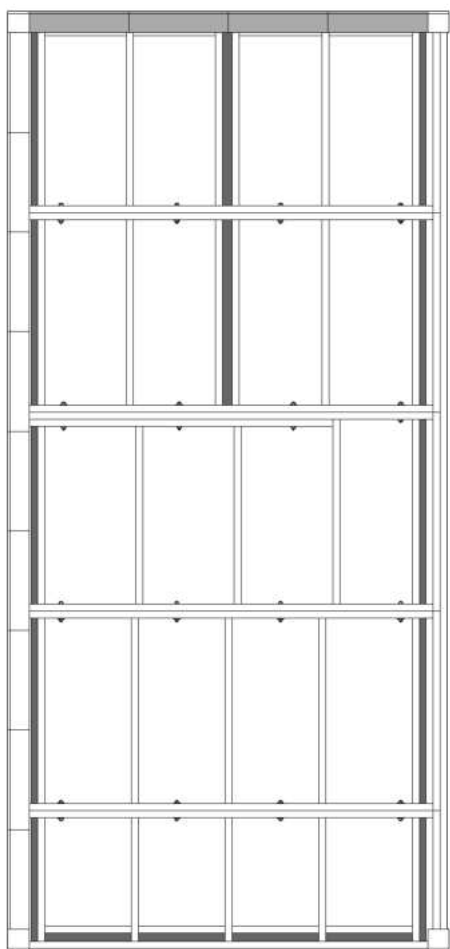
Continue installing the wall elements as shown in the previous step. The dimensions of the elements can be found on the specification.



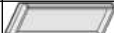
10.

Pos	Profile	Pcs
WEL-1		4
5x100 C3		24
5x80 C3		32

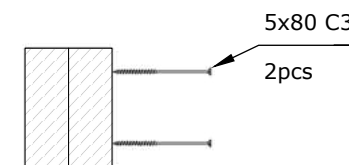
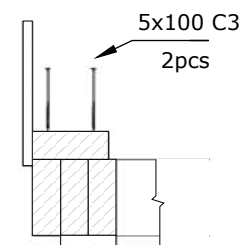
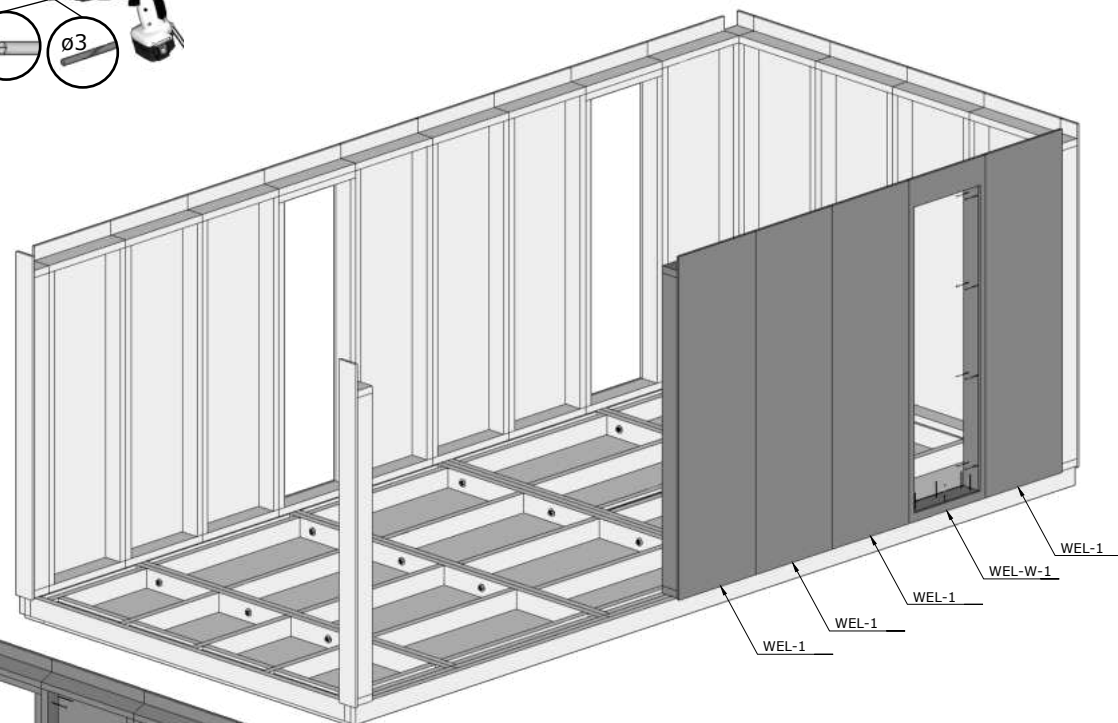
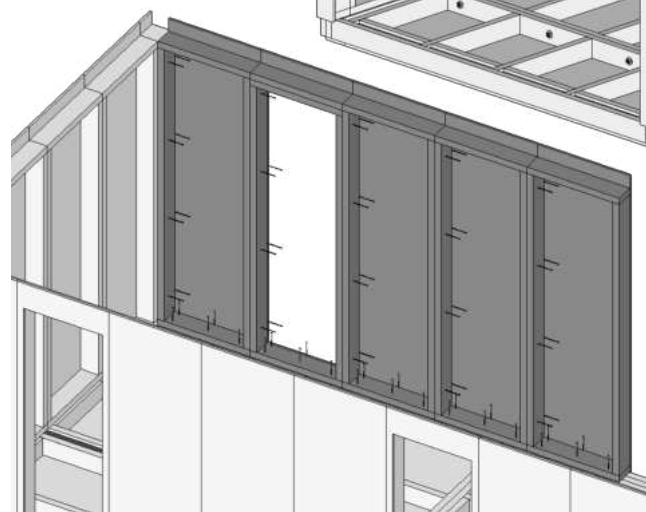
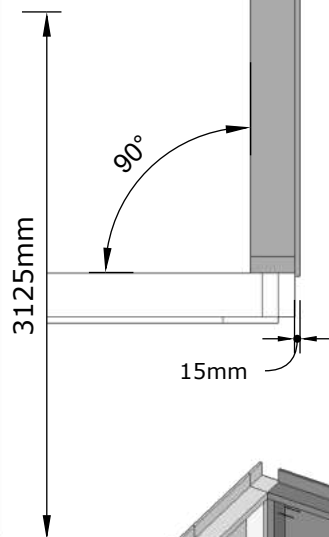
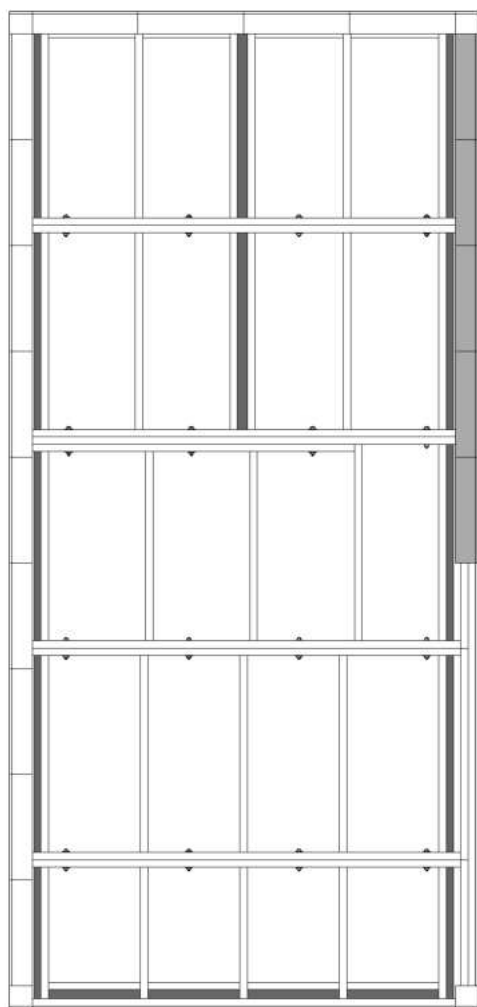
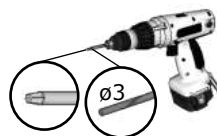
Continue installing another wall elements. The dimensions of the elements can be found on the specification.



11.

Pos	Profile	Pcs
WEL-1		4
WEL-W-1		1
5x100 C3		30
5x80 C3		40

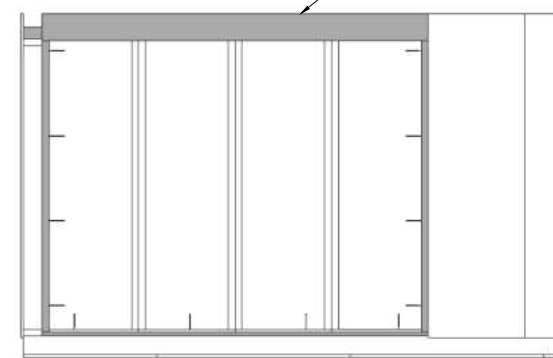
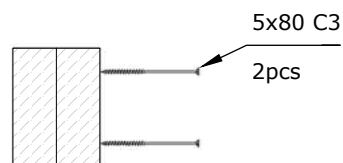
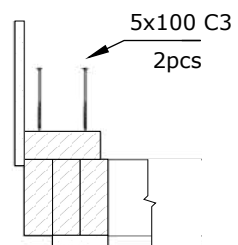
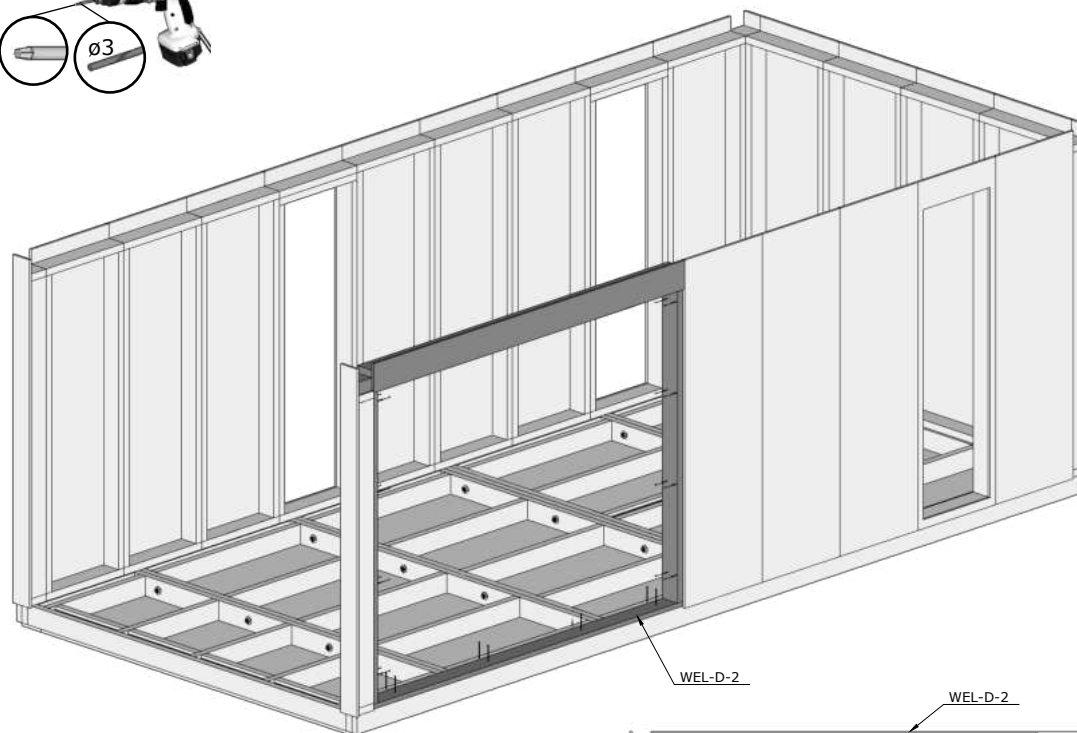
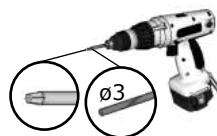
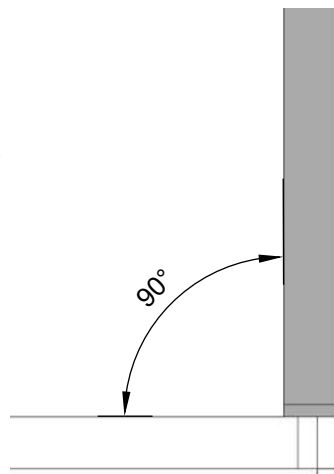
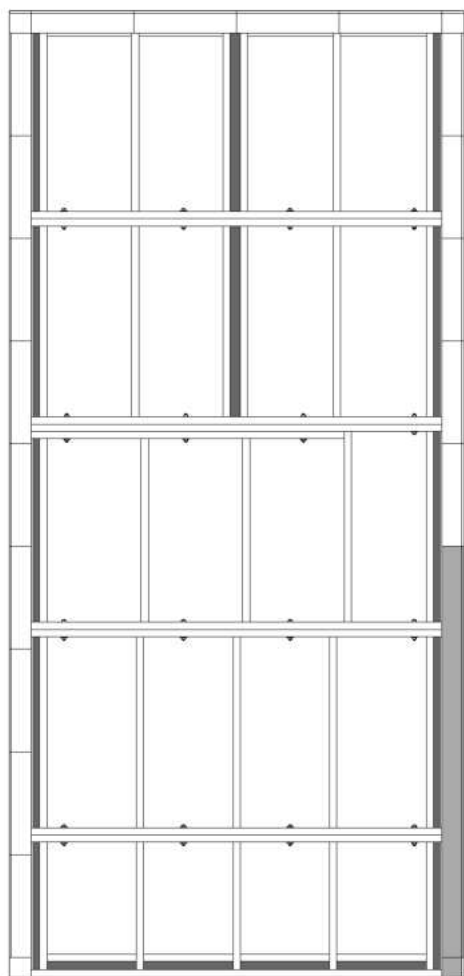
Continue installing another wall elements. The dimensions of the elements can be found on the specification.



12.

Pos	Profile	Pcs
WEL-D-2		1
5x100 C3		8
5x80 C3		16

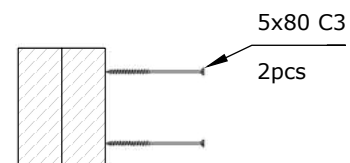
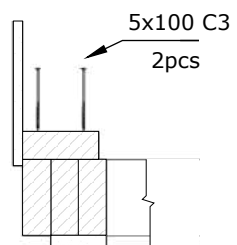
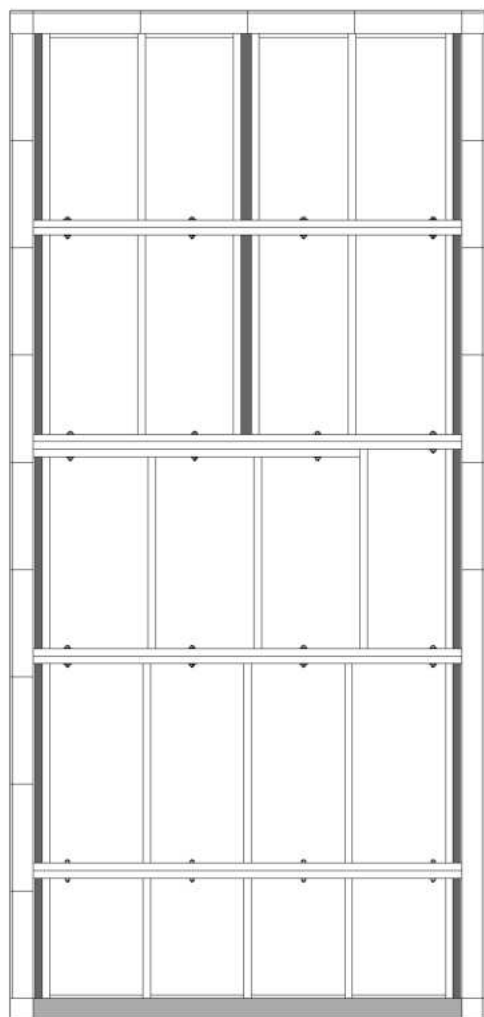
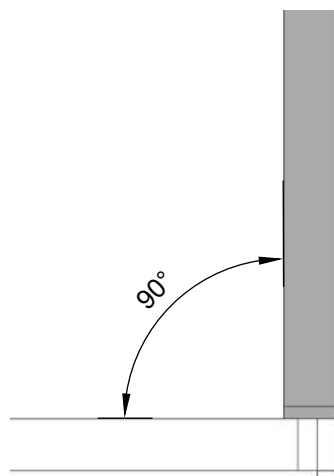
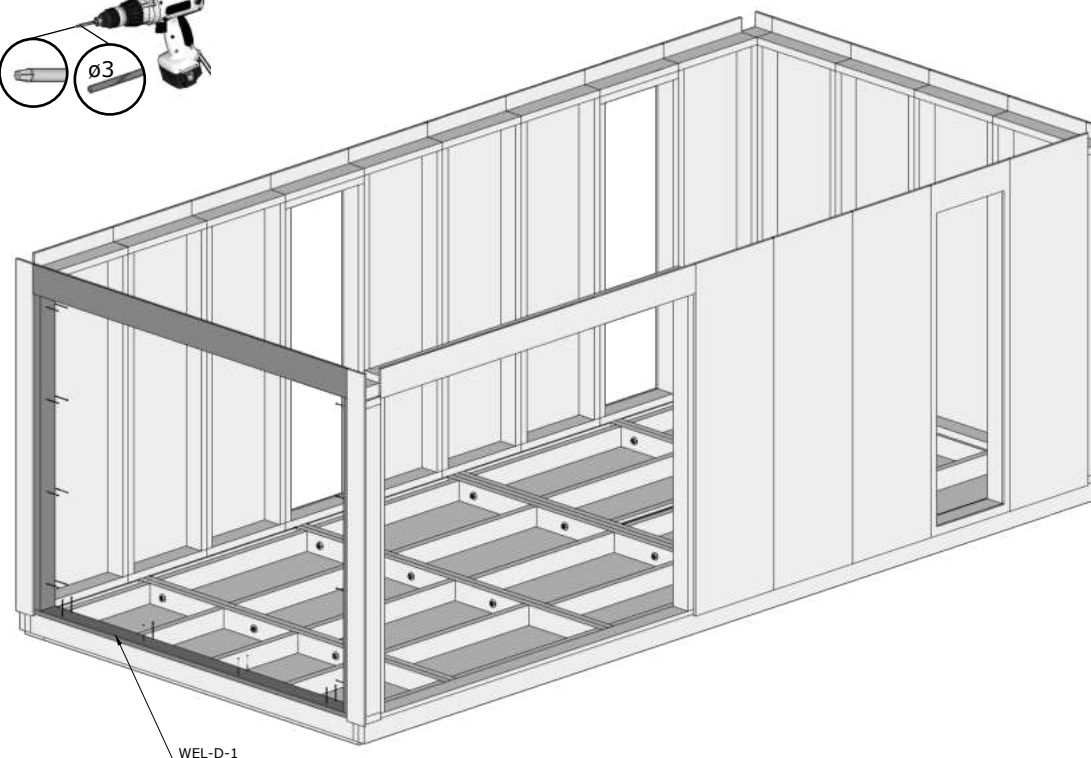
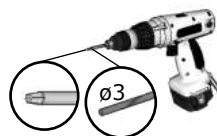
Continue installing another wall elements. The dimensions of the elements can be found on the specification.



13.

Pos	Profile	Pcs
WEL-D-1		1
5x100 C3		8
5x80 C3		16

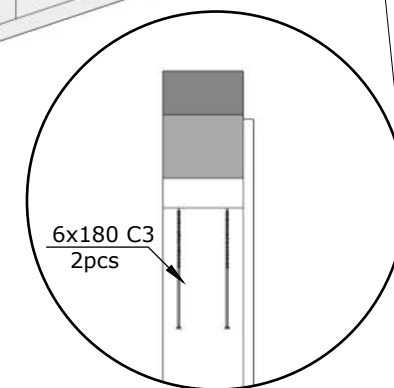
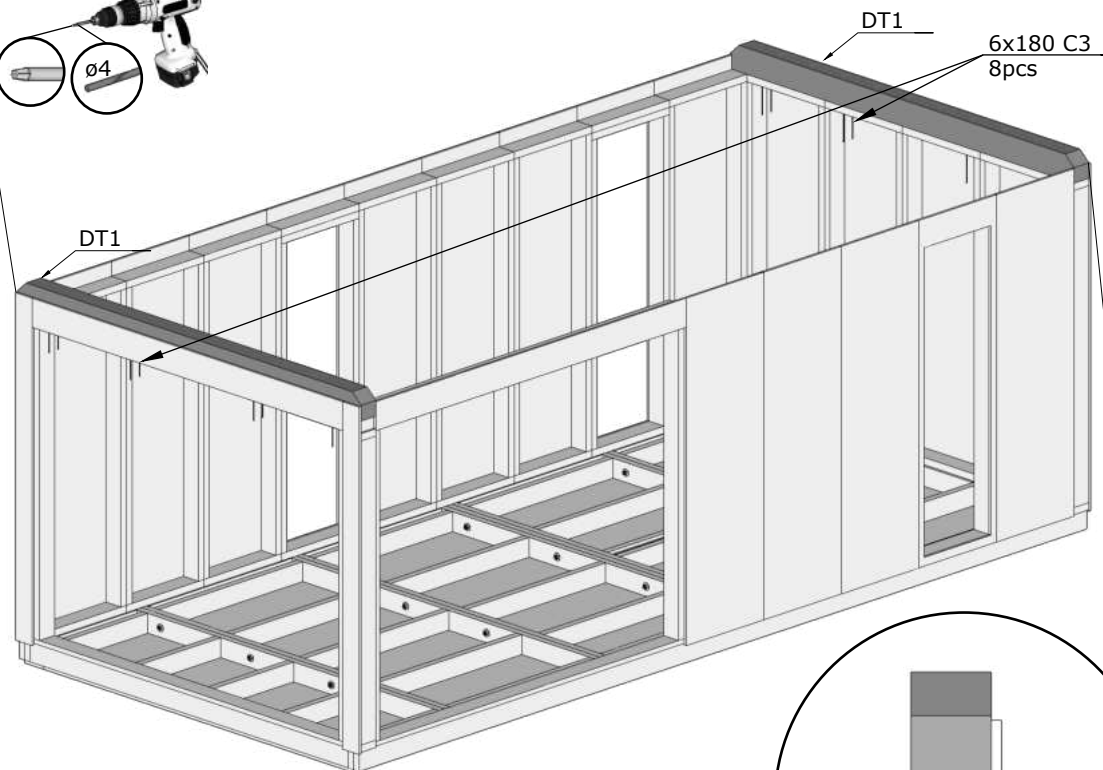
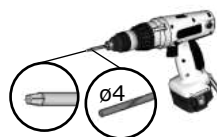
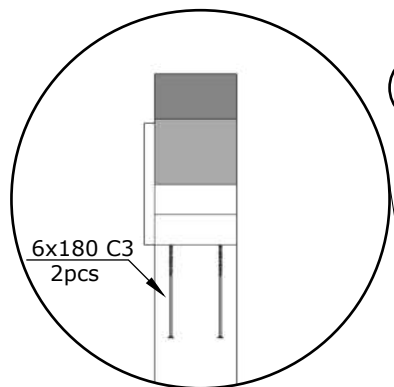
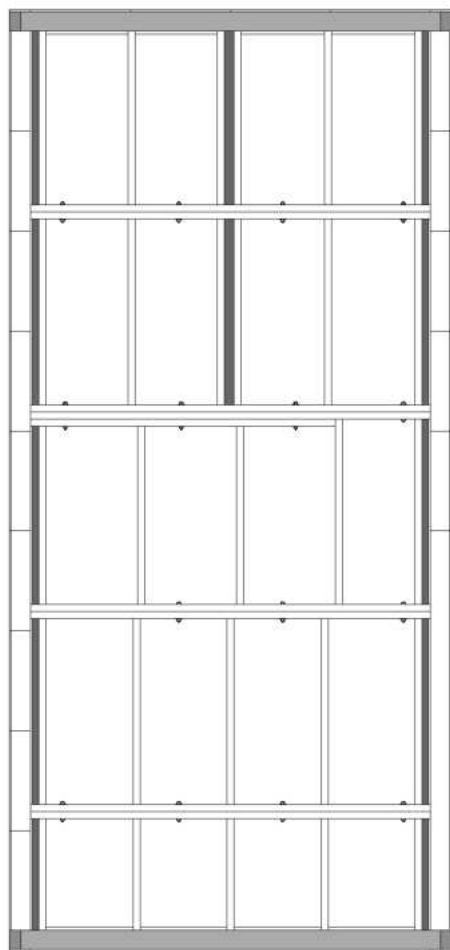
Continue installing another wall elements. The dimensions of the elements can be found on the specification.



14.

Pos	Profile	Pcs
DT1	120x160	2
6x180 C3	→	16

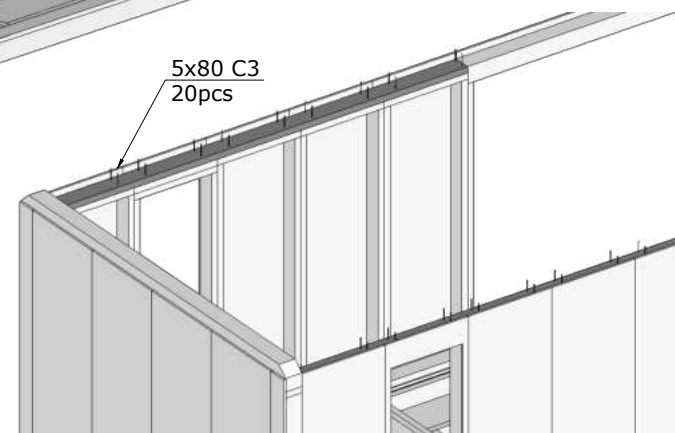
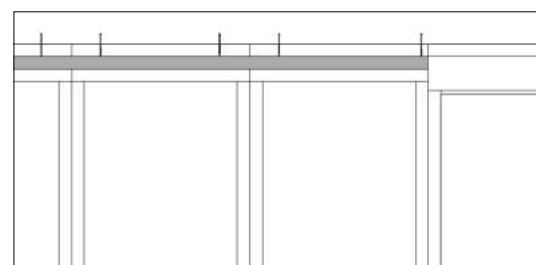
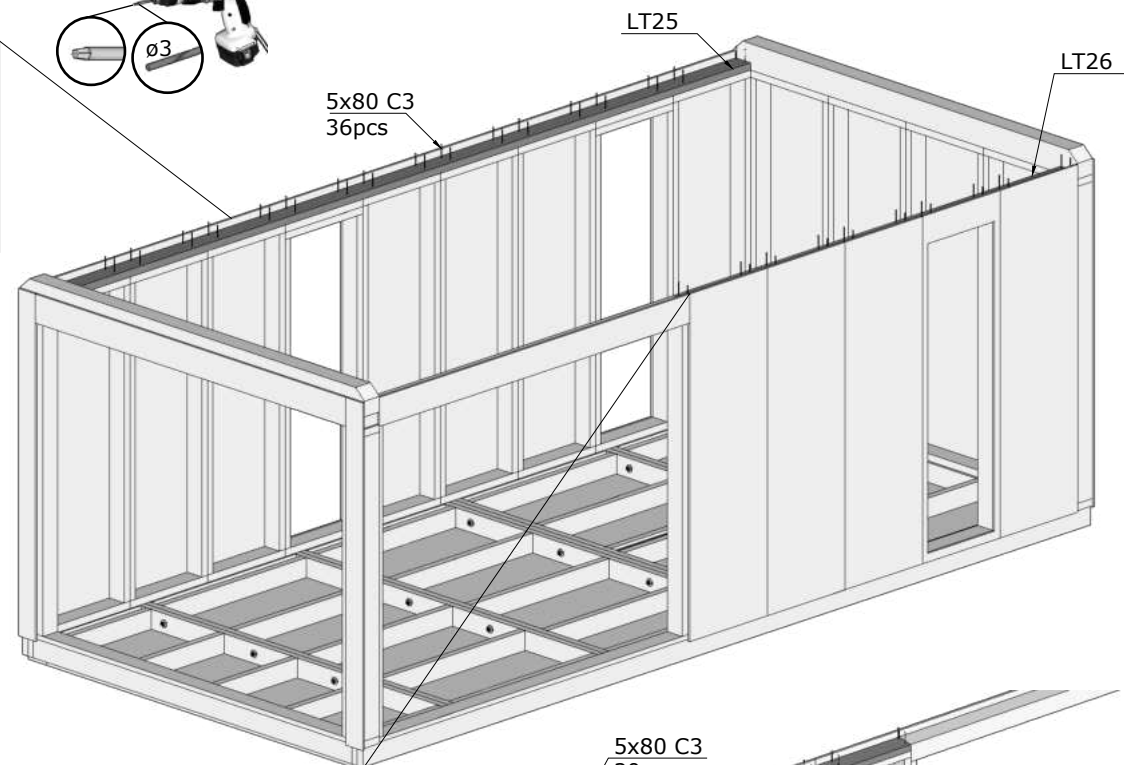
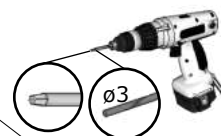
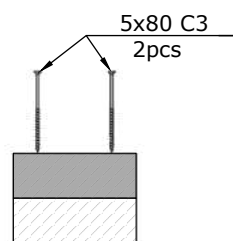
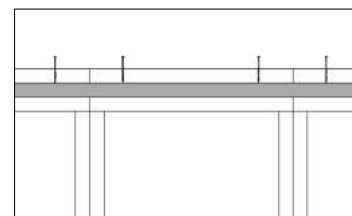
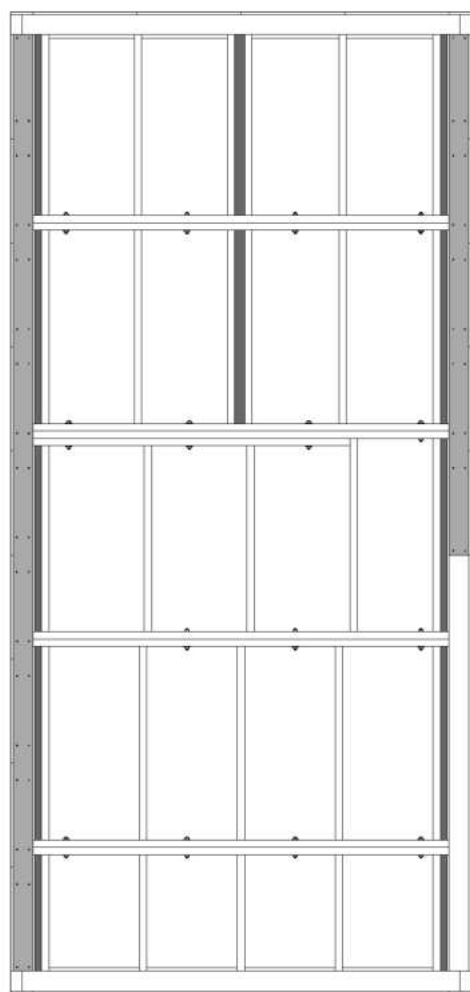
Install and fasten DT1 glulam beams.



15.

Pos	Profile	Pcs
LT24	44x120	1
LT26	44x120	1
5x80 C3	→	56

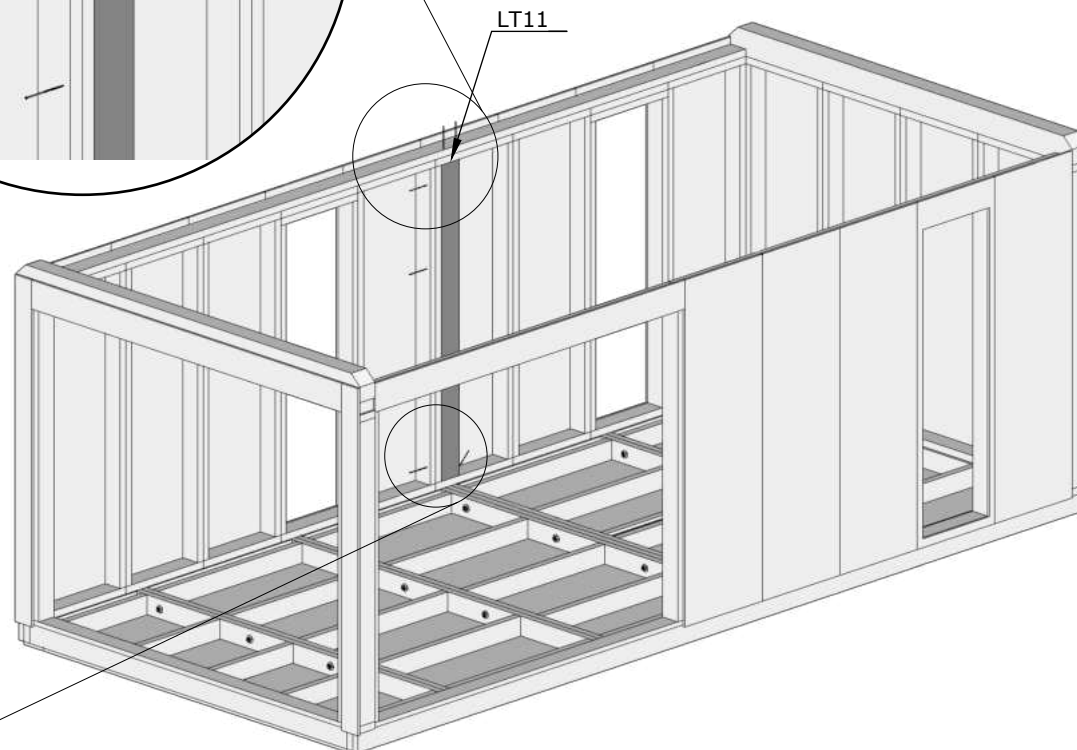
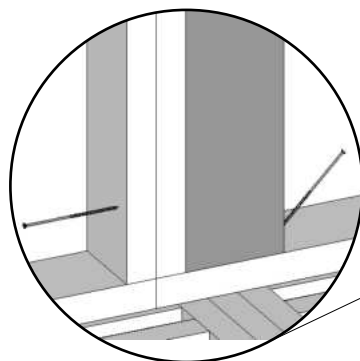
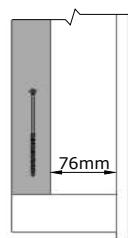
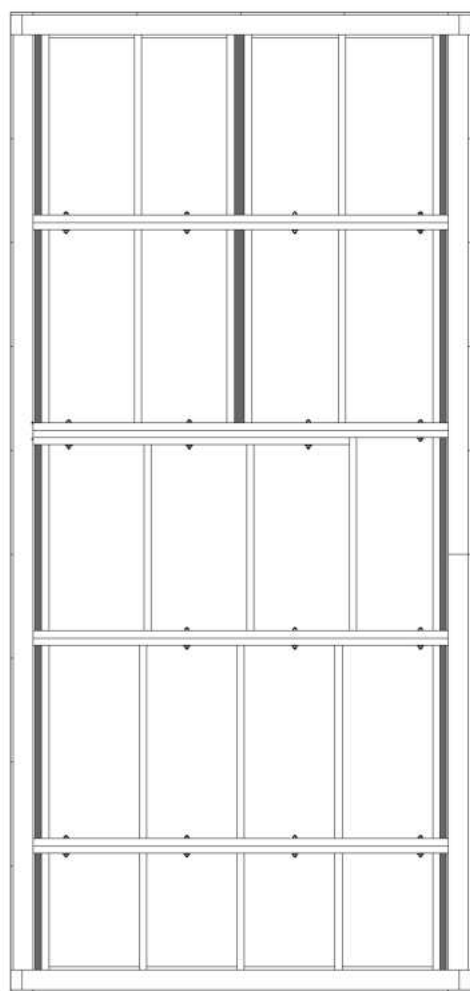
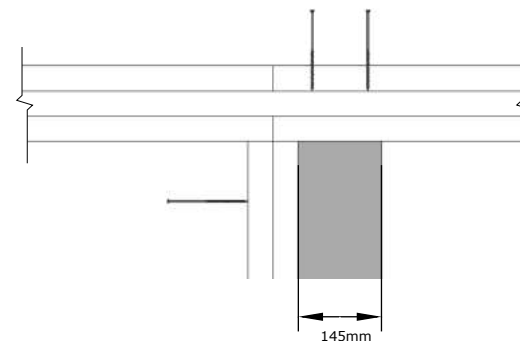
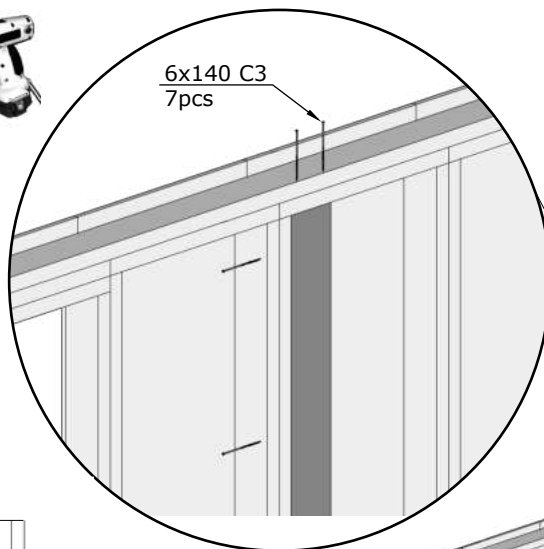
Install and fasten the LT beams. Before the next step, if necessary, drill holes in the wall elements for electrical cables.



16.

Pos	Profile	Pcs
LT11	44x145	1
6x140 C3		7

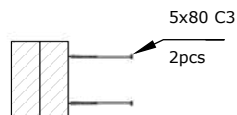
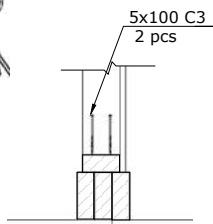
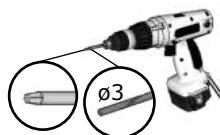
Install and fasten the LT beams. Before the next step, if necessary, drill holes in the wall elements for electrical cables.



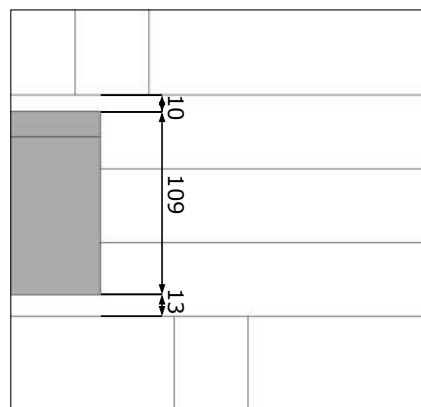
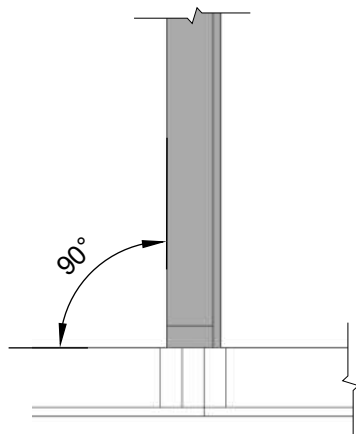
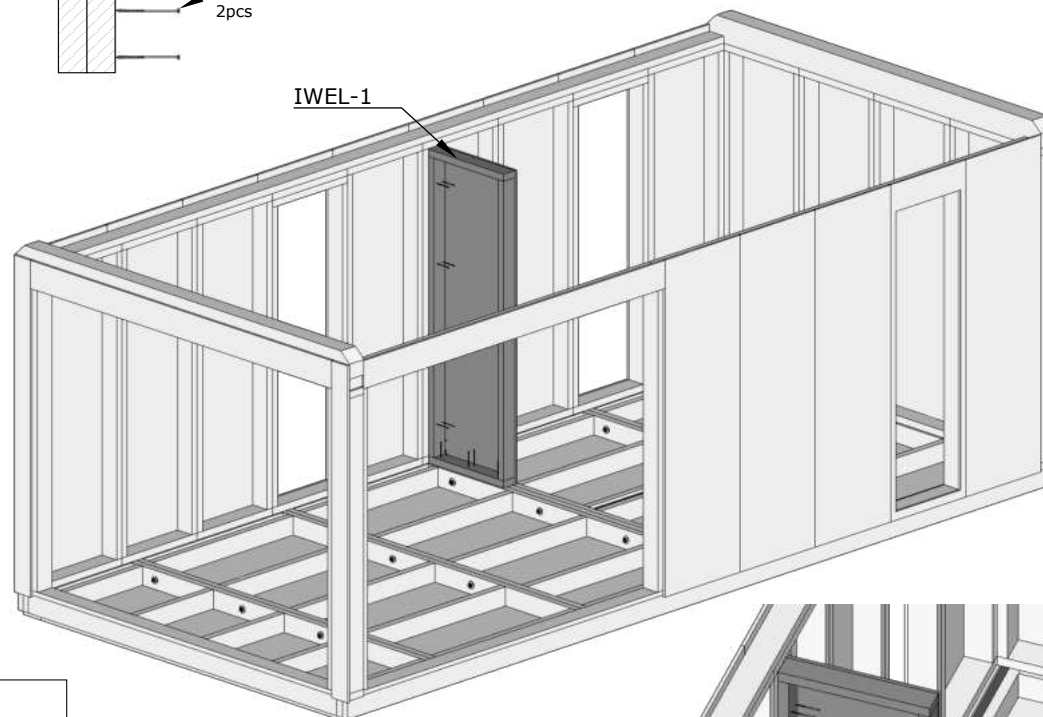
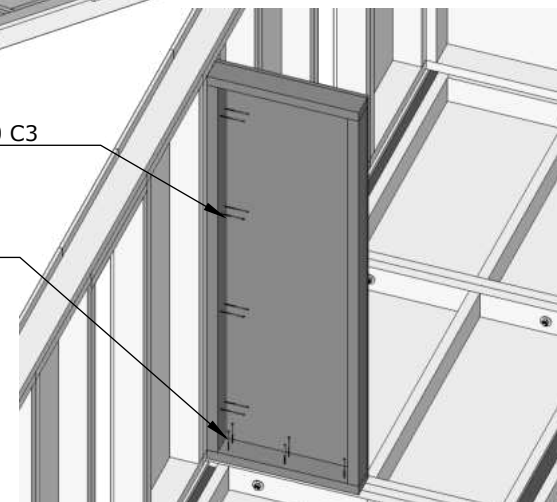
17.

Pos	Profile	Pcs
IWEL-1		1
5x100 C3		6
5x80 C3		8

Begin by adding and fastening the first interior wall element. The principles of fastening are the same as when fastening elements of external walls.



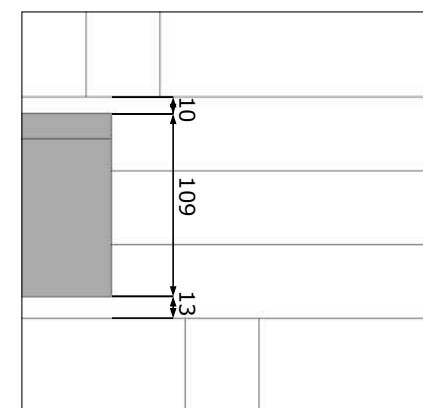
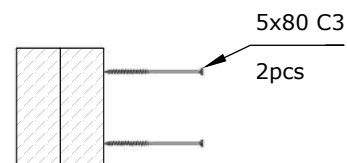
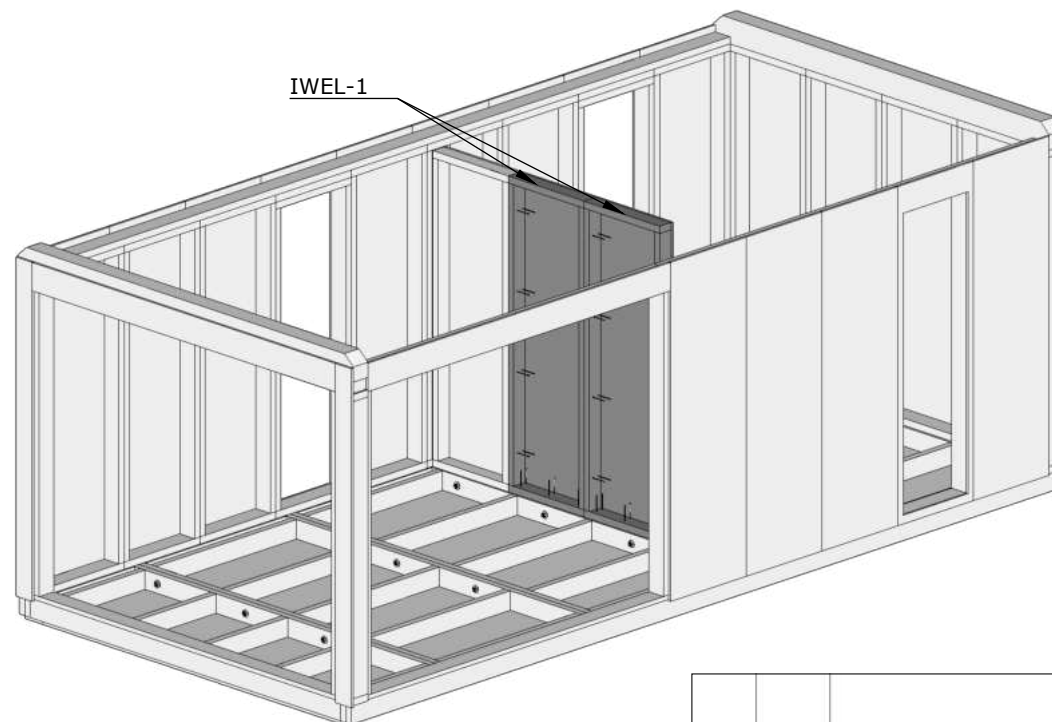
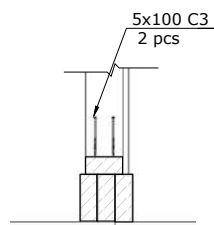
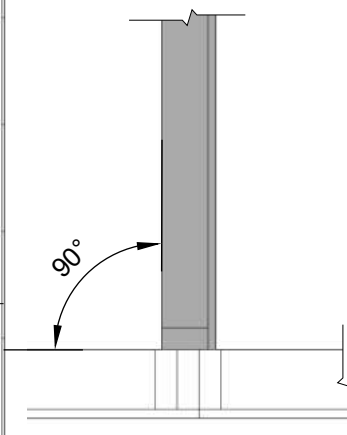
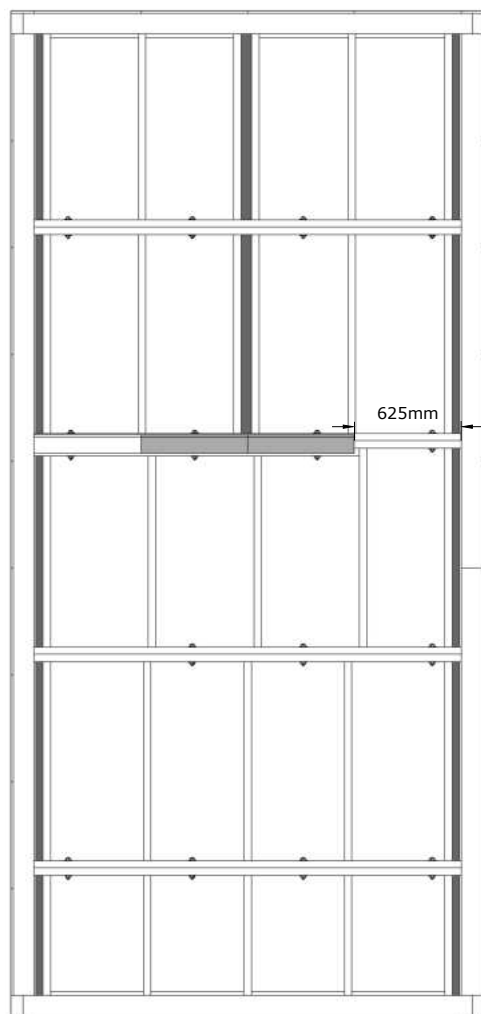
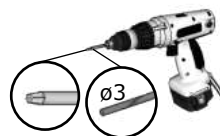
IWEL-1

5x80 C3
8pcs5x100 C3
6pcs

18.

Pos	Profile	Pcs
IWEL-1		2
5x100 C3		12
5x80 C3		16

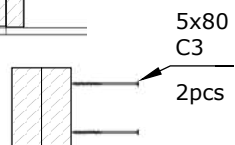
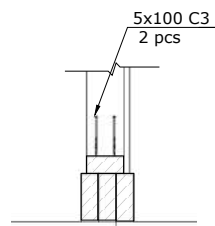
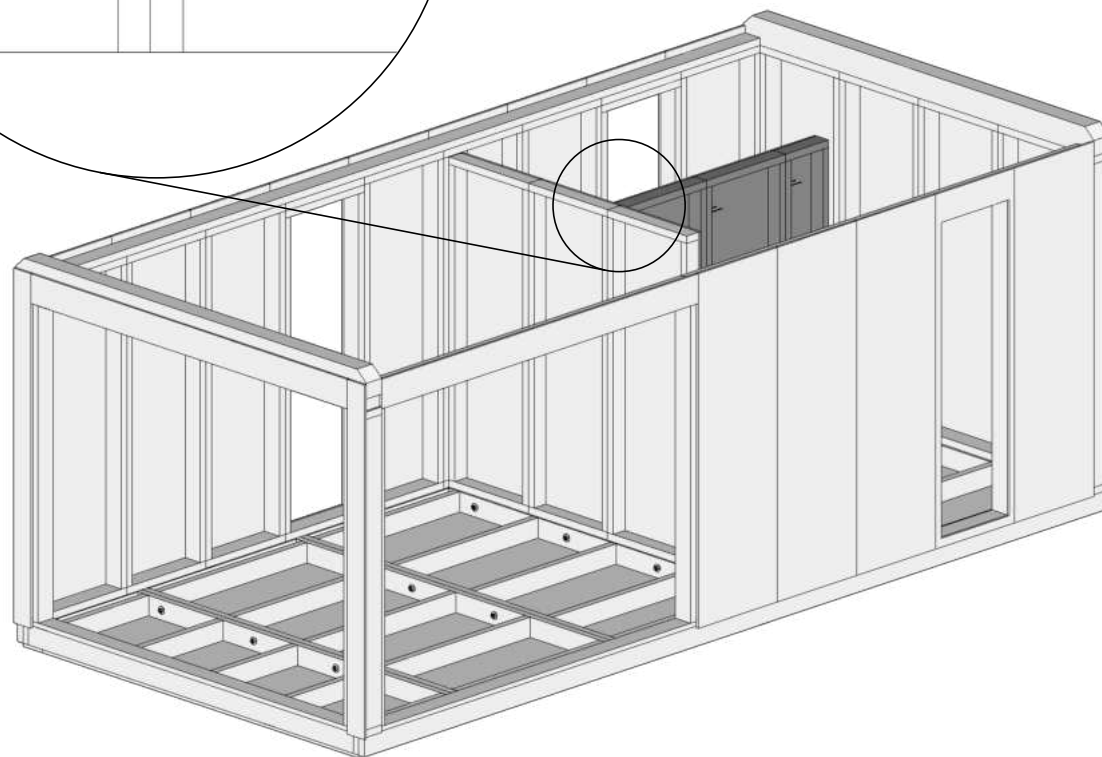
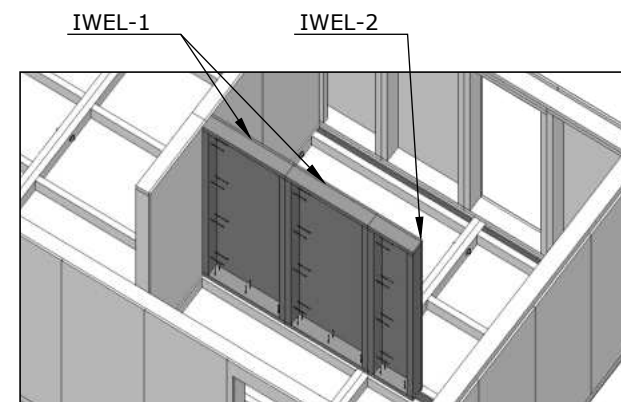
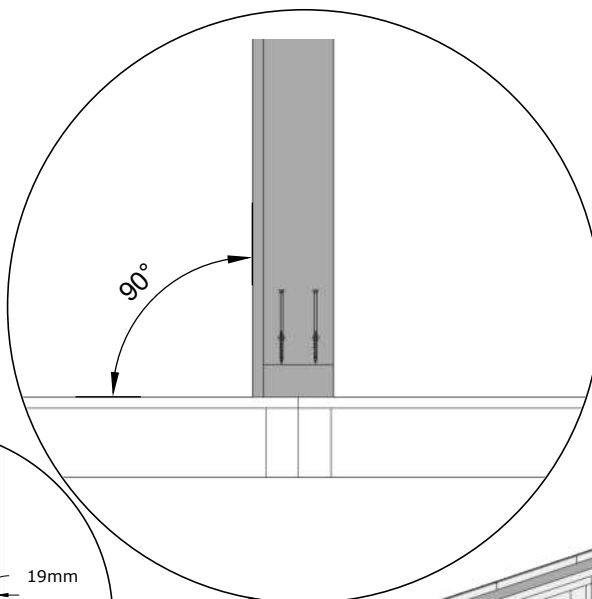
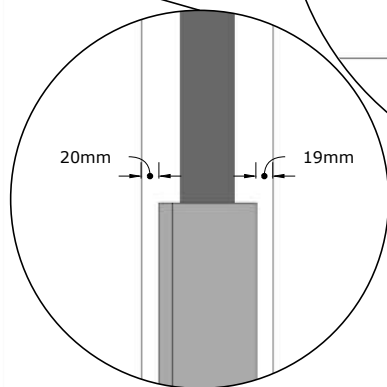
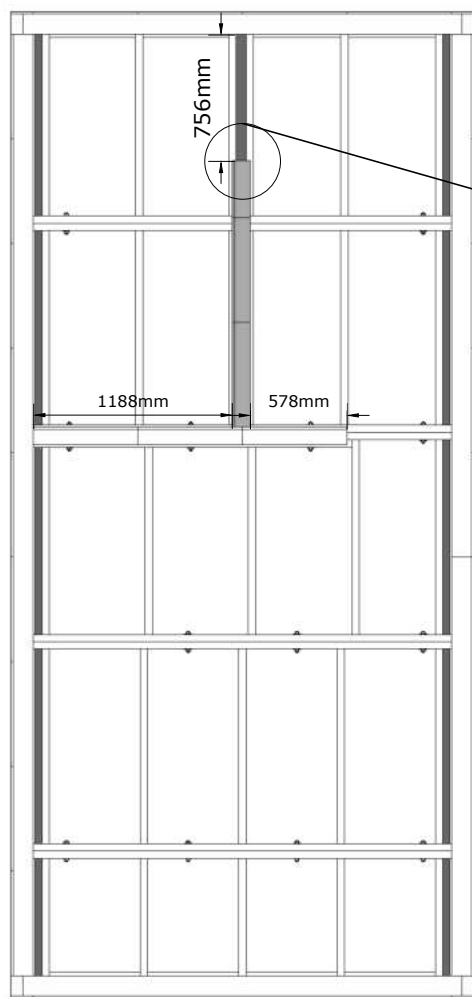
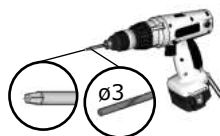
Add and fasten another interior wall elements. The principles of fastening are the same as when fastening elements of external walls.



19.

Pos	Profile	Pcs
IWEL-1		2
IWEL-2		1
5x100 C3		16
5x80 C3		24

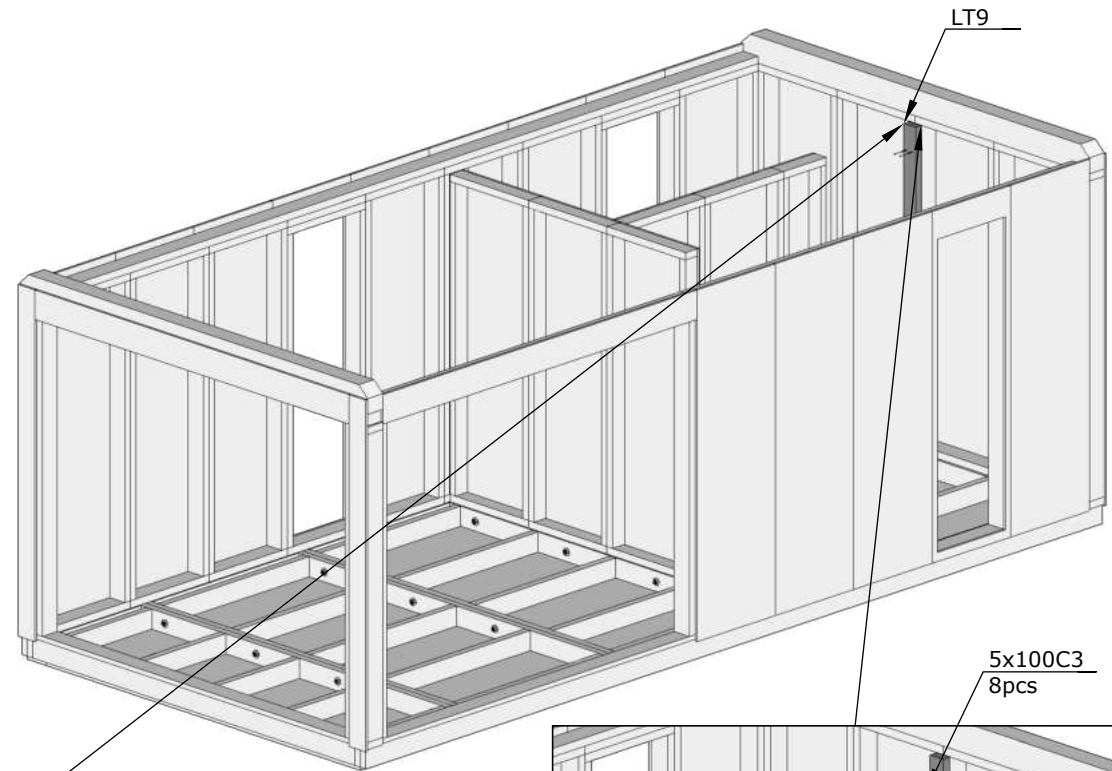
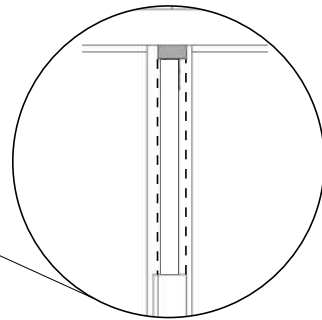
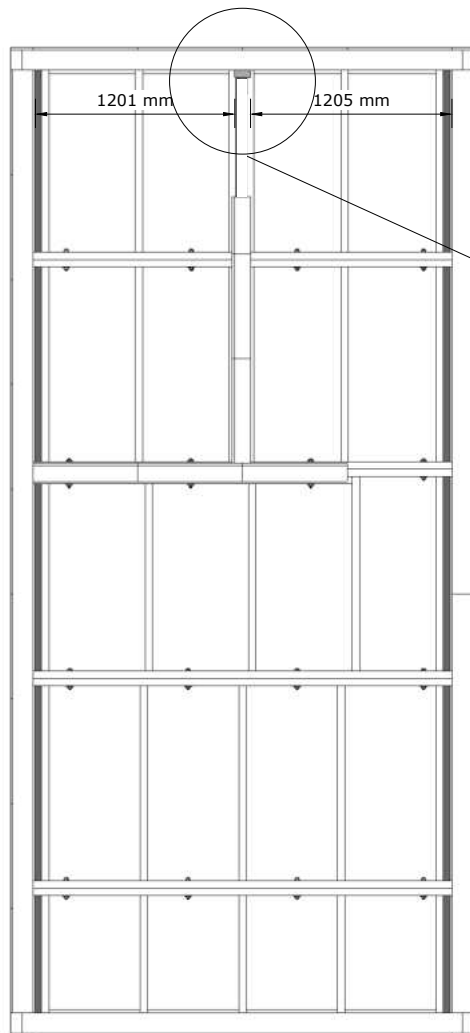
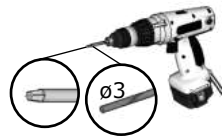
Add and fasten another interior wall elements. The principles of fixing are the same as when fasten elements of external walls.



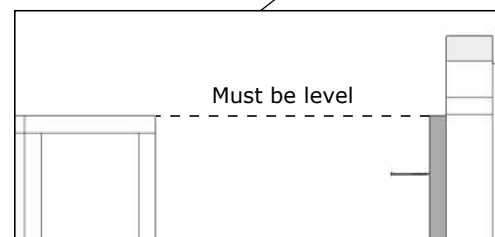
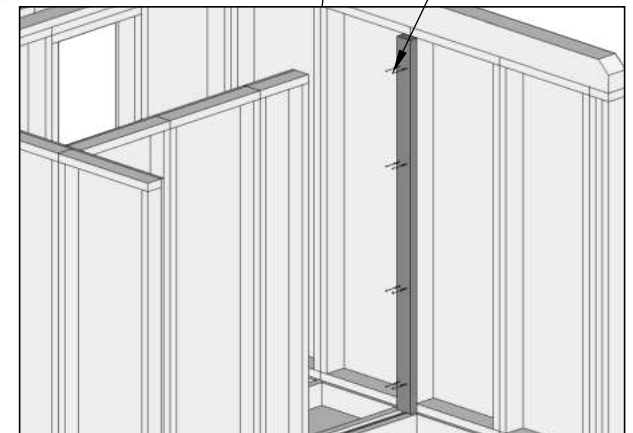
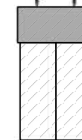
20.

Pos	Profile	Pcs
LT9	44x94	1
5x100 C3		8

Install and fasten the LT9 beam. Follow the measurements on the plan.



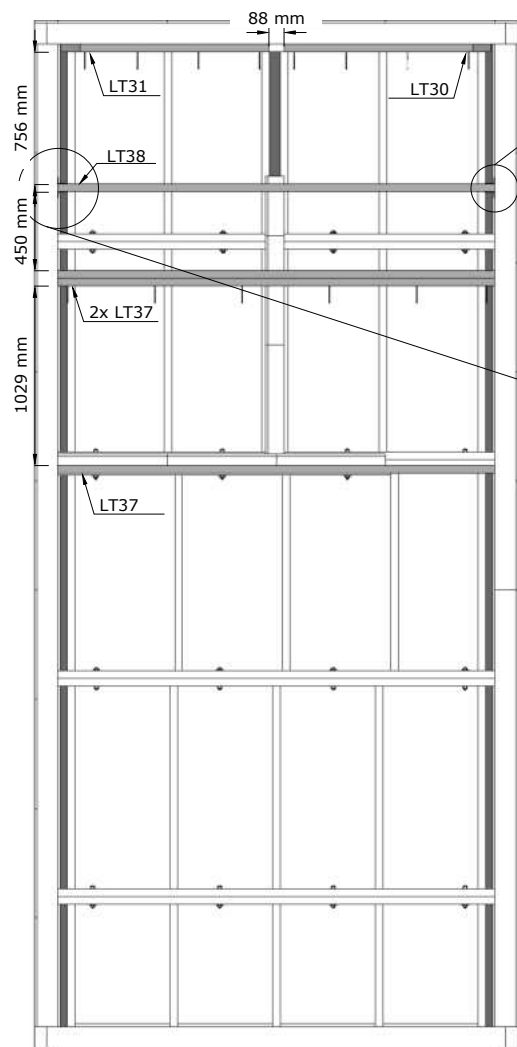
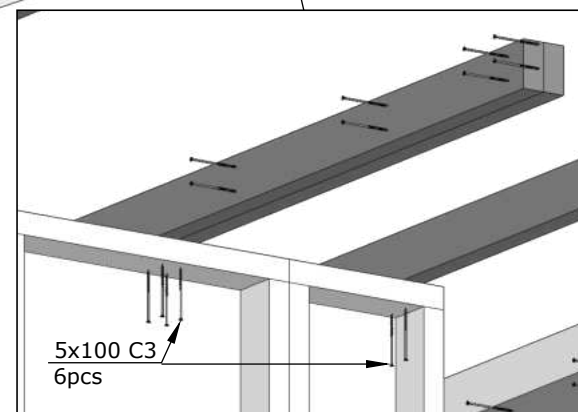
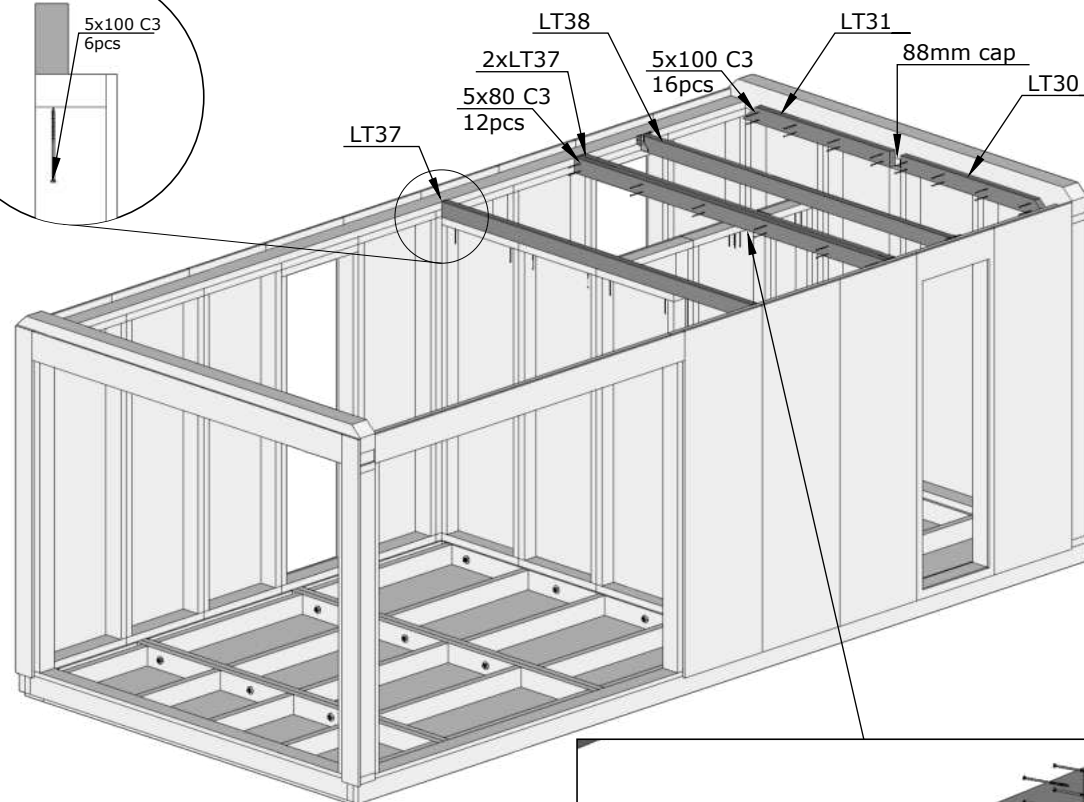
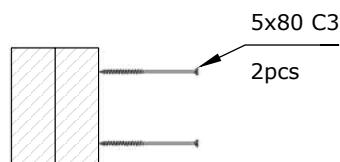
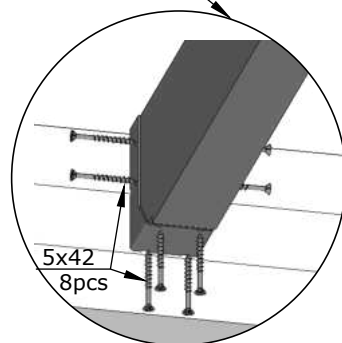
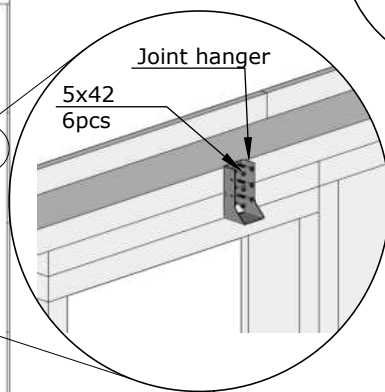
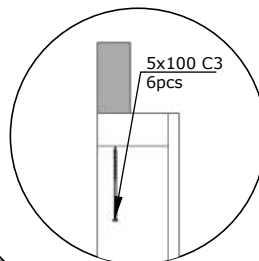
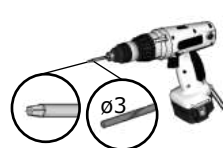
LT9

5x100C3
8pcs5x100C3
2pcs

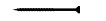
21.

Pos	Profile	Pcs
LT37	44x94	3
LT38	44x94	1
LT31	44x94	1
LT30	44x94	1
Joint hanger		2
5x100 C3		28
5x80 C3		12
5x42		28

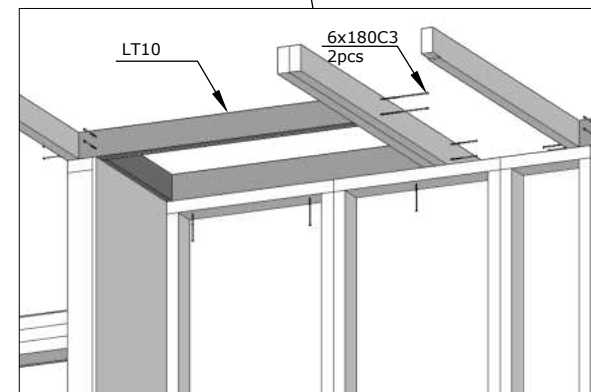
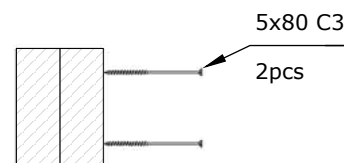
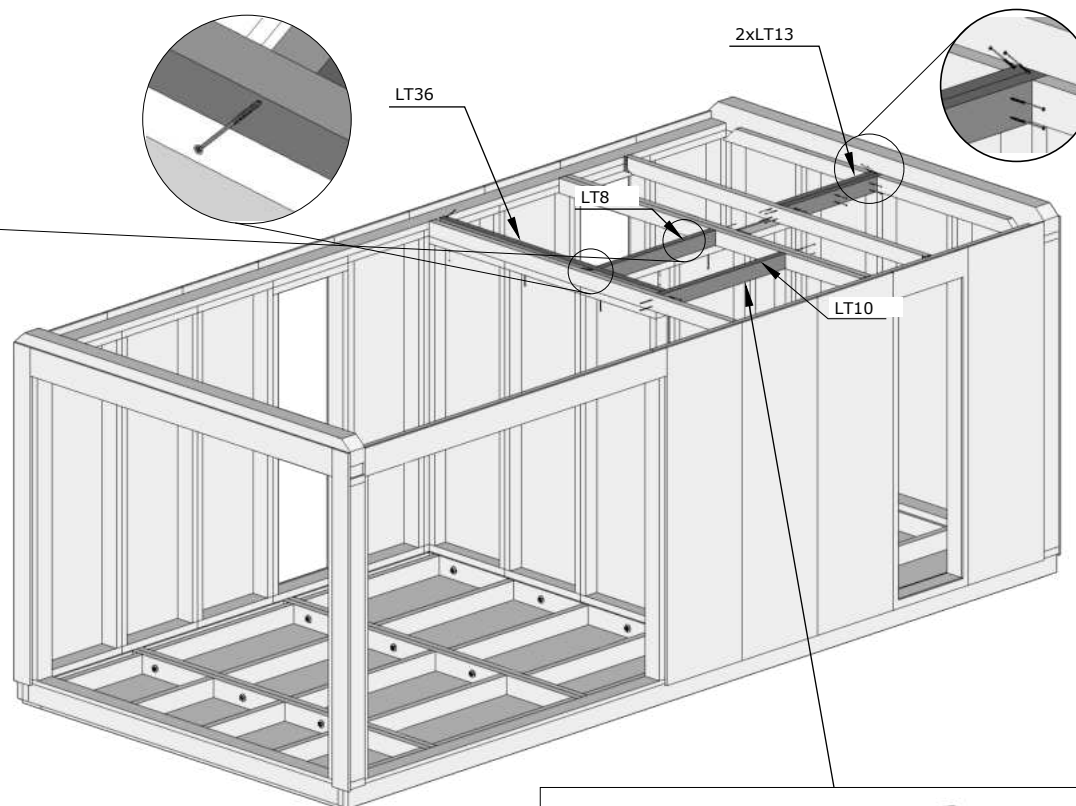
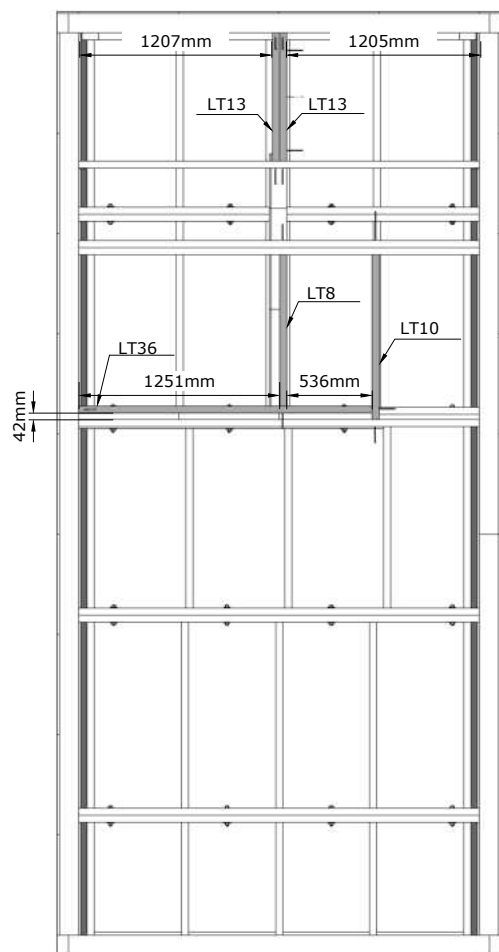
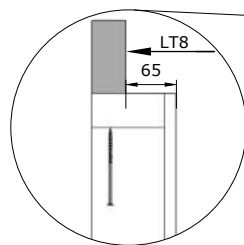
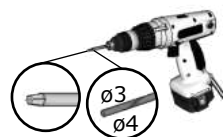
Add and fasten the first sleeping floor beams. Fix the beam LT38 with a joint hanger. The beams are also attached to the roof elements later. Follow the measurements on the sleeping floor beams plan.



22.

Pos	Profile	Pcs
LT36	44x94	1
LT13	44x94	2
LT10	44x94	1
LT8	44x94	1
6x180 C3		2
5x100 C3		23
5x80 C3		6

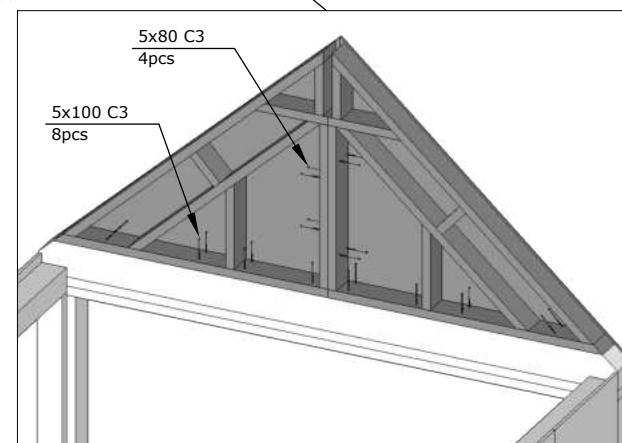
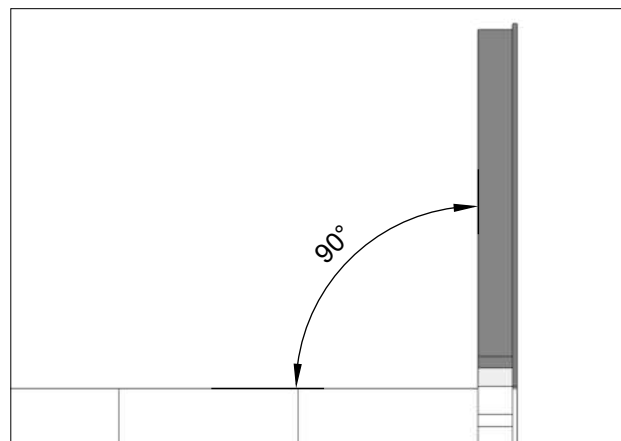
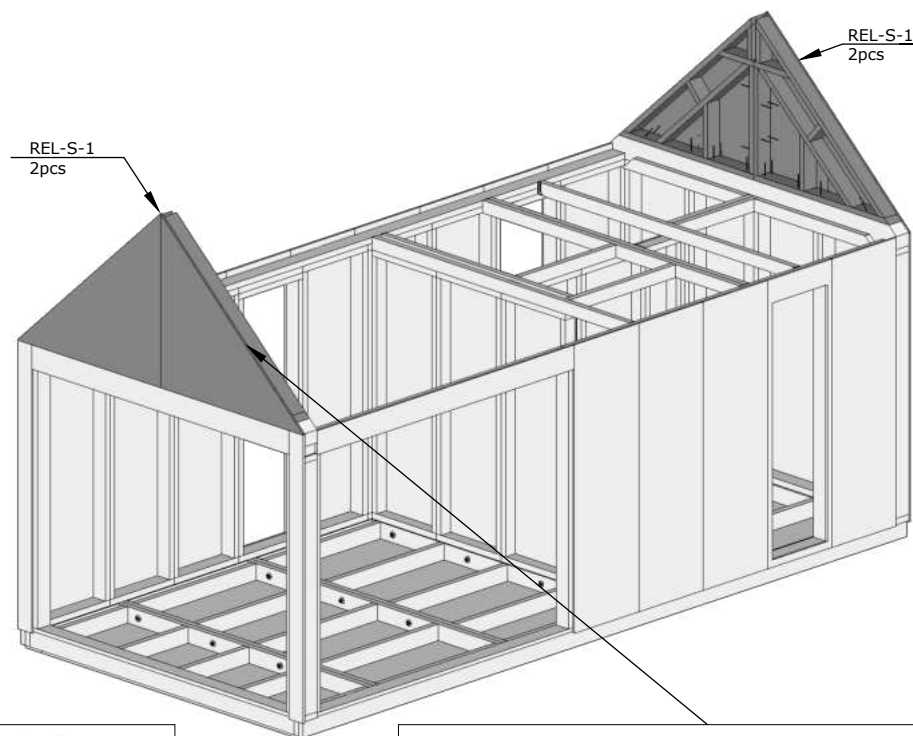
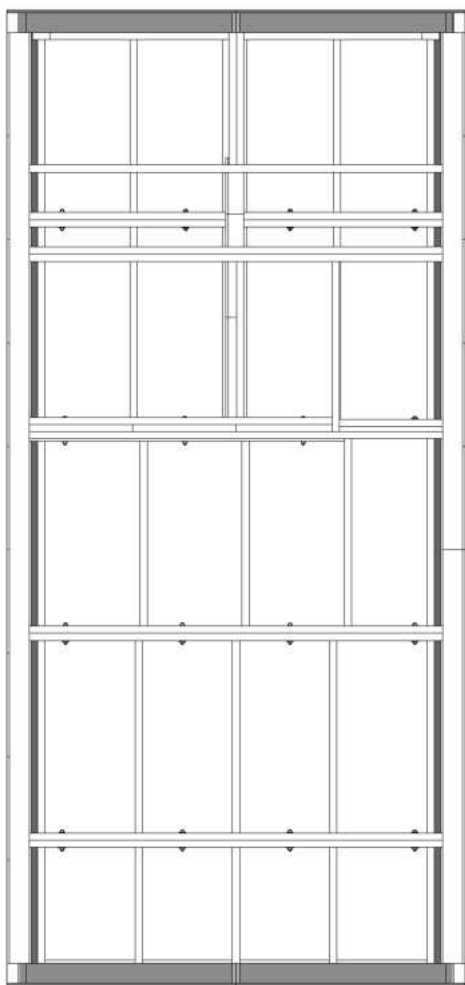
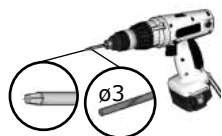
Add and fasten the following sleeper beams. The principles of fasten beams are the same as previous step. Follow the measurements on the sleeper beam plan.



23.

Pos	Profile	Pcs
REL-S-1		4
5x100 C3		32
5x80 C3		16

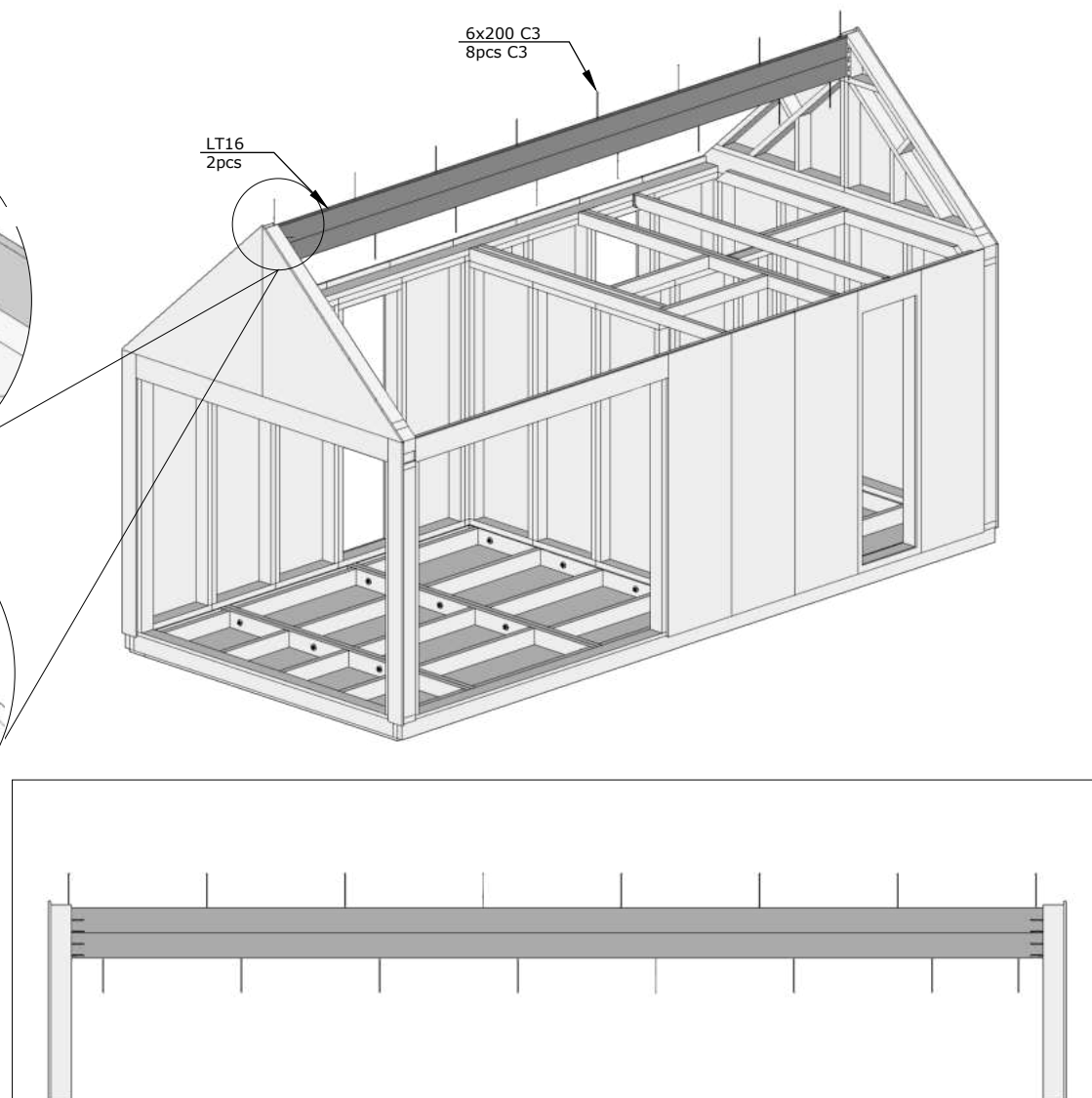
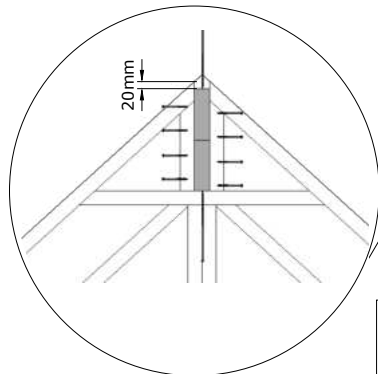
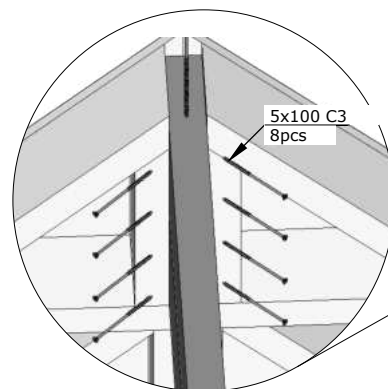
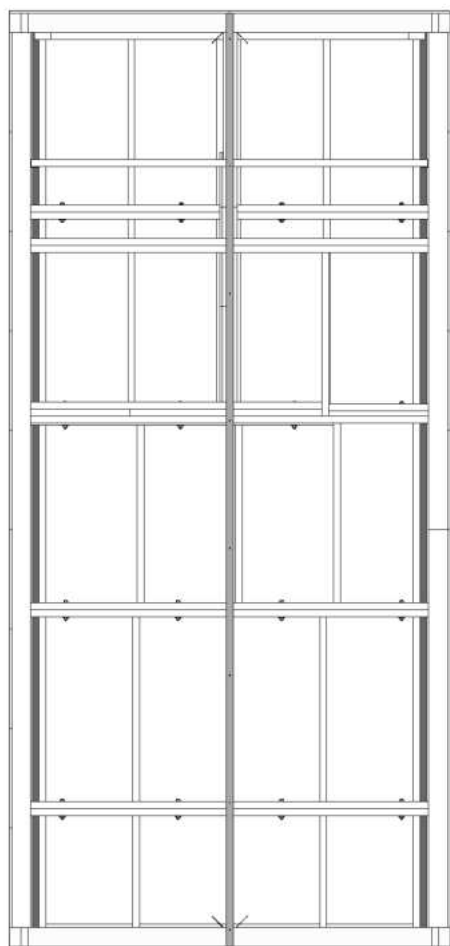
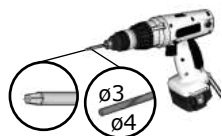
Install and fasten the roof end elements.



24.

Pos	Profile	Pcs
LT16	44x145	2
6x200 C3	→	16
5x100 C3	→	16

Install and fasten the roof beams LT16.



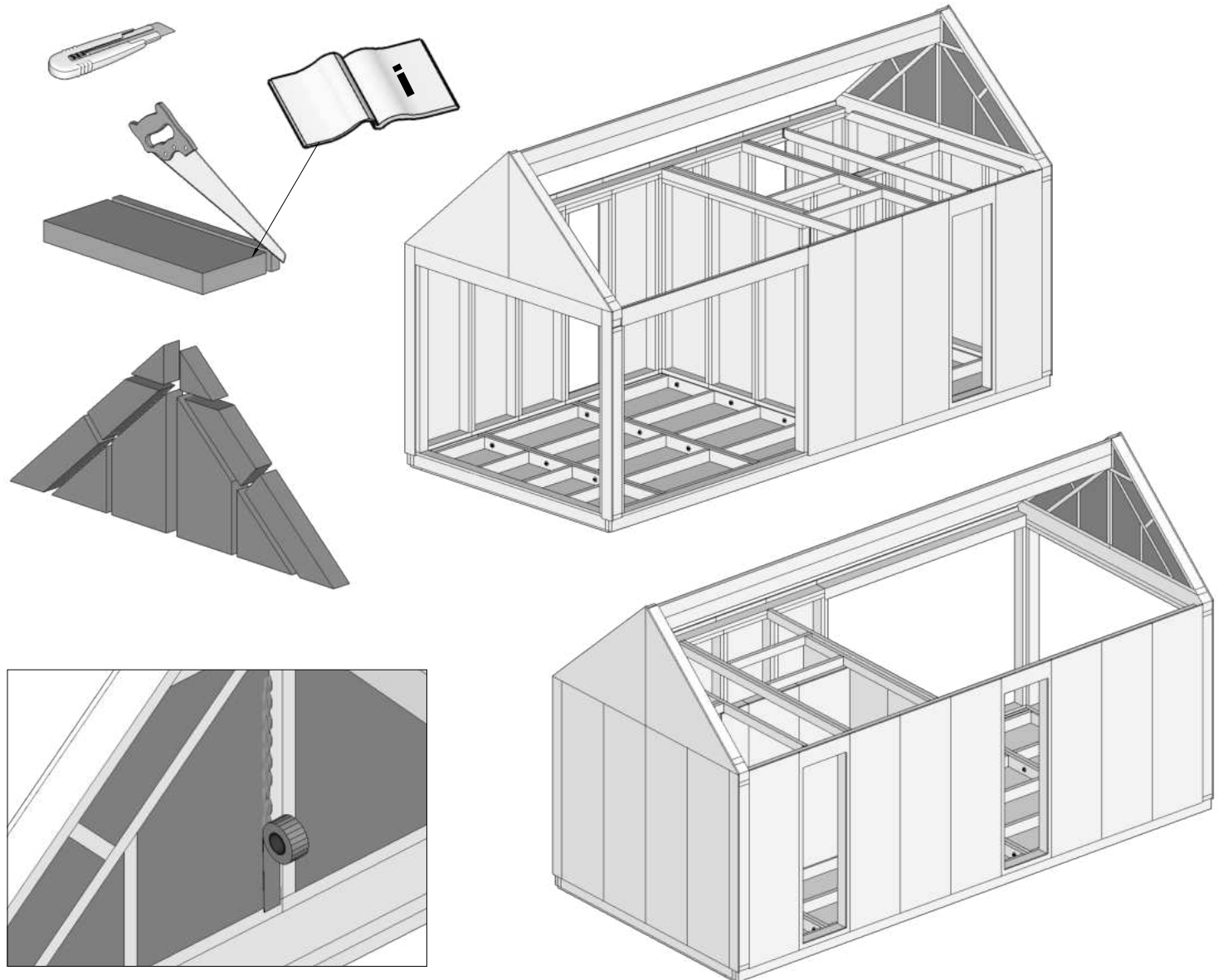
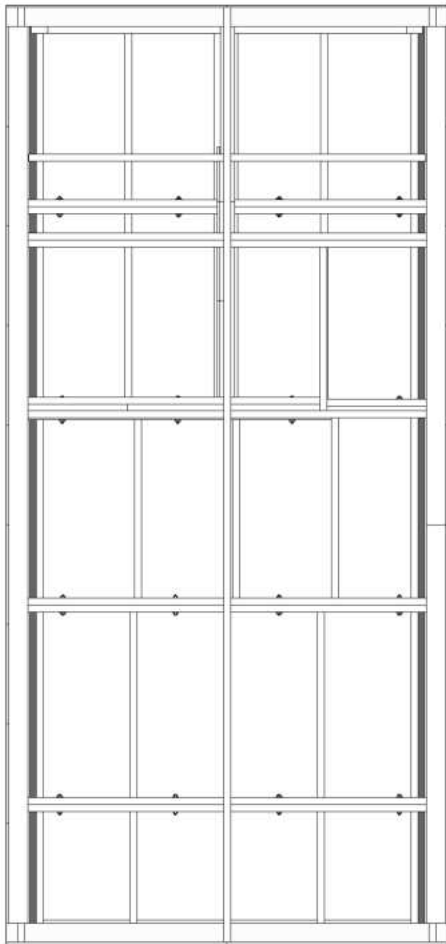
25.

Pos		Pcs
120mm SPU AL	Wall insulation*	
Aluminium tape		

* Insulation is included if it is opted for building.

Install the insulation material according to the manufacturer's installation instructions!

If the building is insulated, it is necessary that in this step the wall end elements is insulated before installing roof elements. Cut wall insulation boards to size. Fix insulation boards using gunfoam. For better sealing, use aluminium tape to tape insulation and wood gaps.



26.

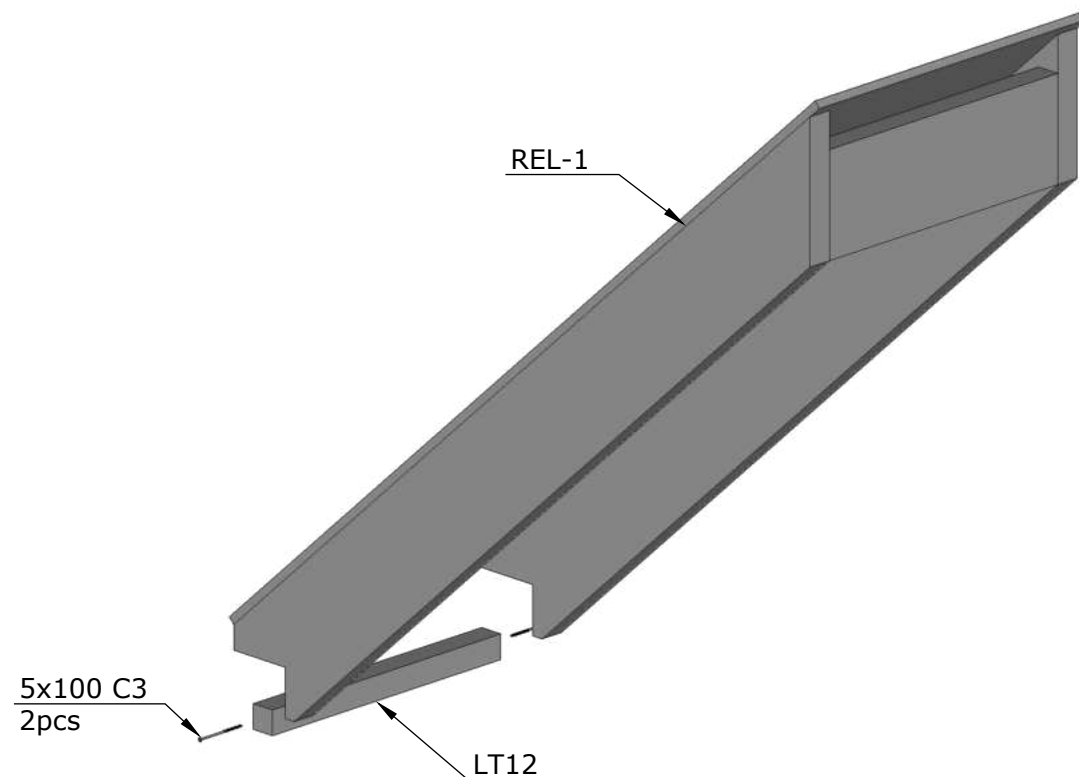
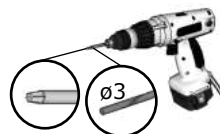
WITHOUT ROOF WINDOW

Pos	Profile	Pcs
REL-1		18
LT12	44x44	18
5x100 C3		36

WITH ROOF WINDOW

Pos	Profile	Pcs
REL-1		16
REL-W-1		1
LT12	44x44	16
5x100 C3		32

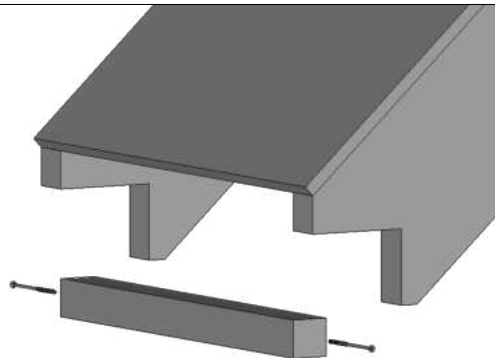
Before installing the roof elements, the elements must be assembled. Attach the LT12 beam to roof element and secure it with screws.
If a roof window is added to the building, then there is a difference in the amount of roof REL-1 elements(see the tables).



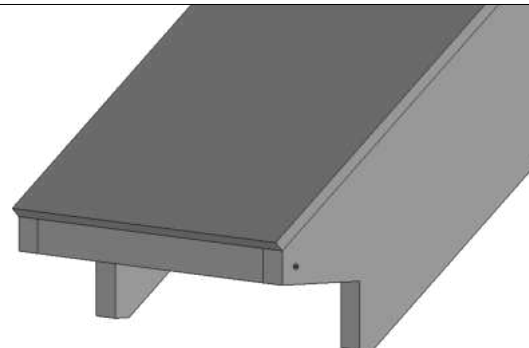
REL-W-1

*Optional roof window element

1.



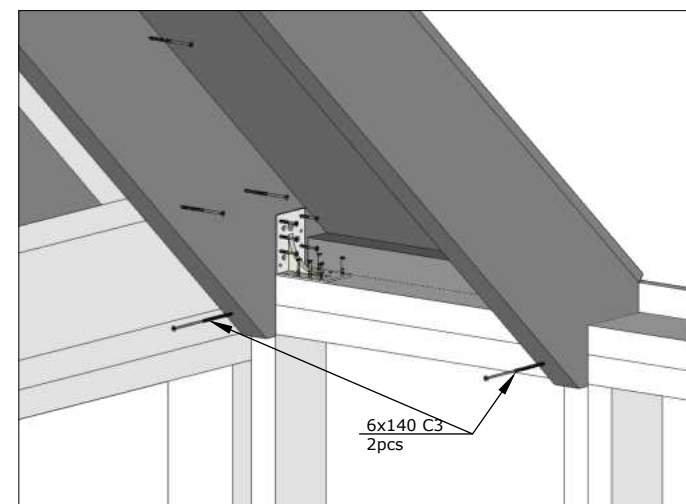
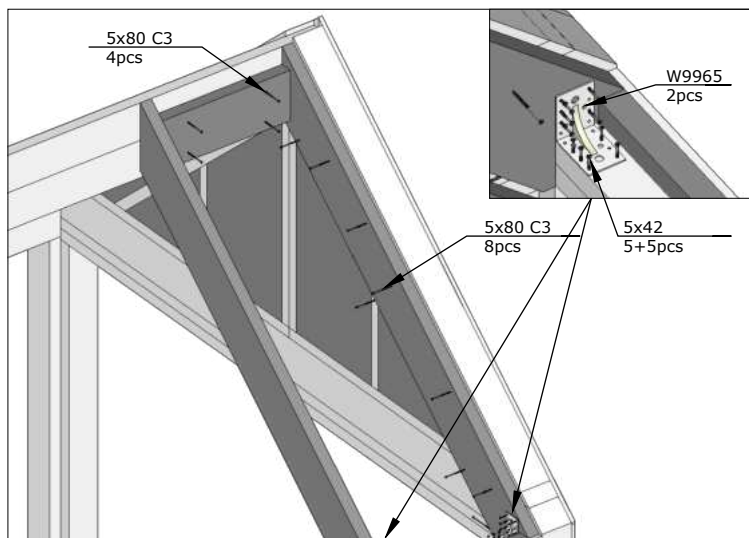
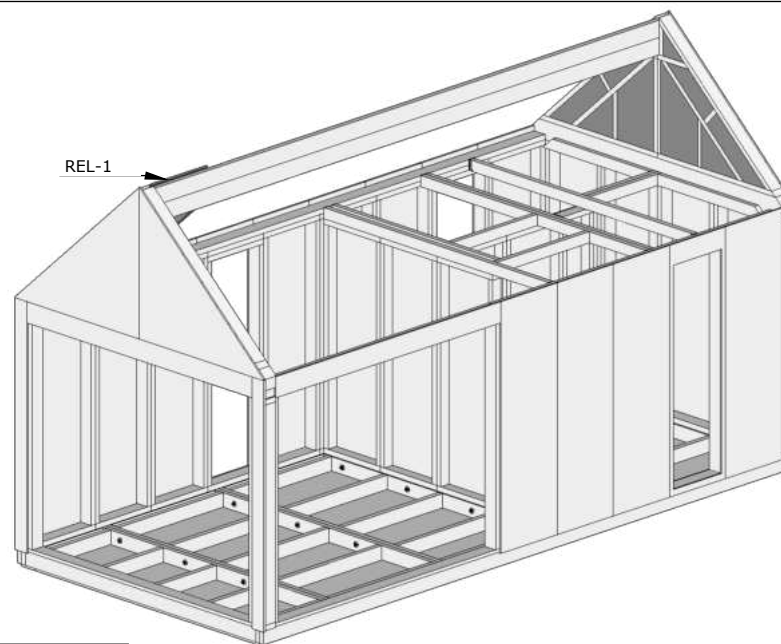
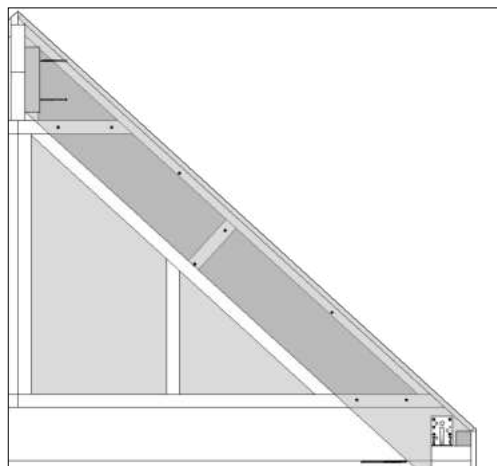
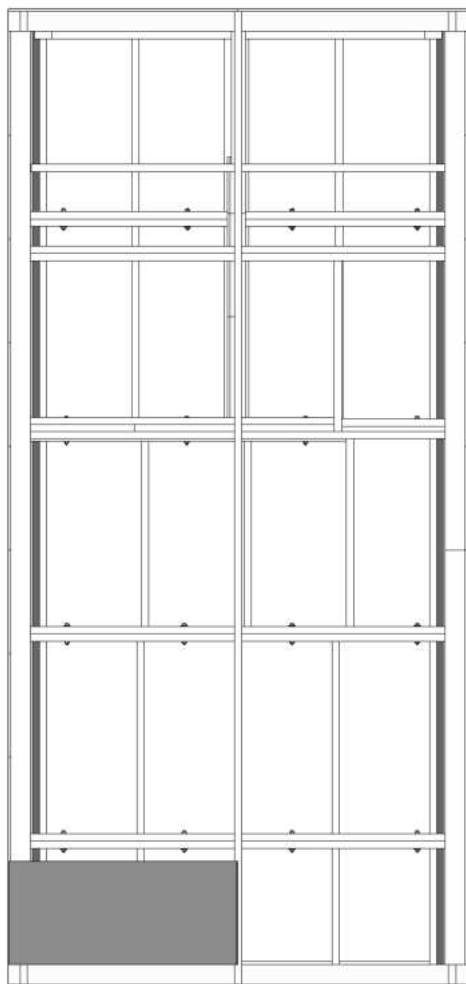
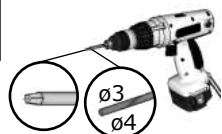
2.



27.

Pos	Profile	Pcs
REL-1		1
6x140 C3		2
5x80 C3		12
5x42		20
W9965		2

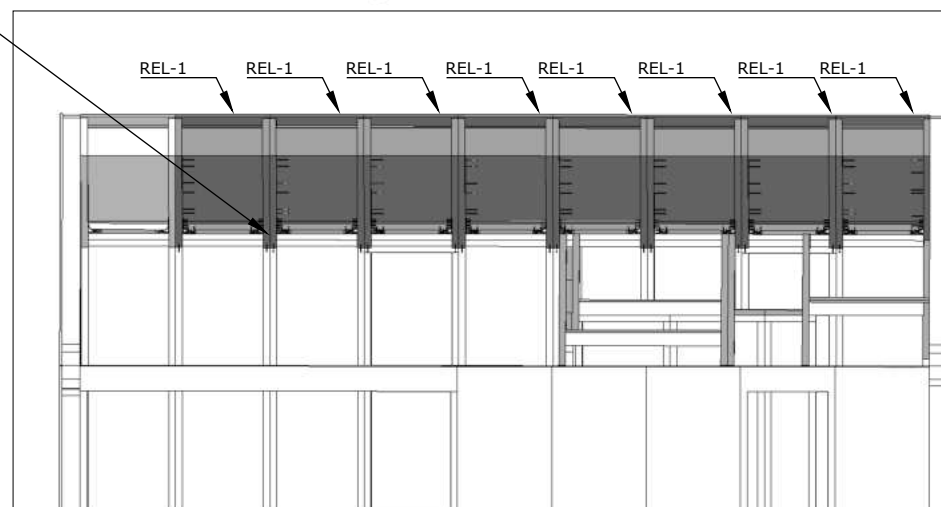
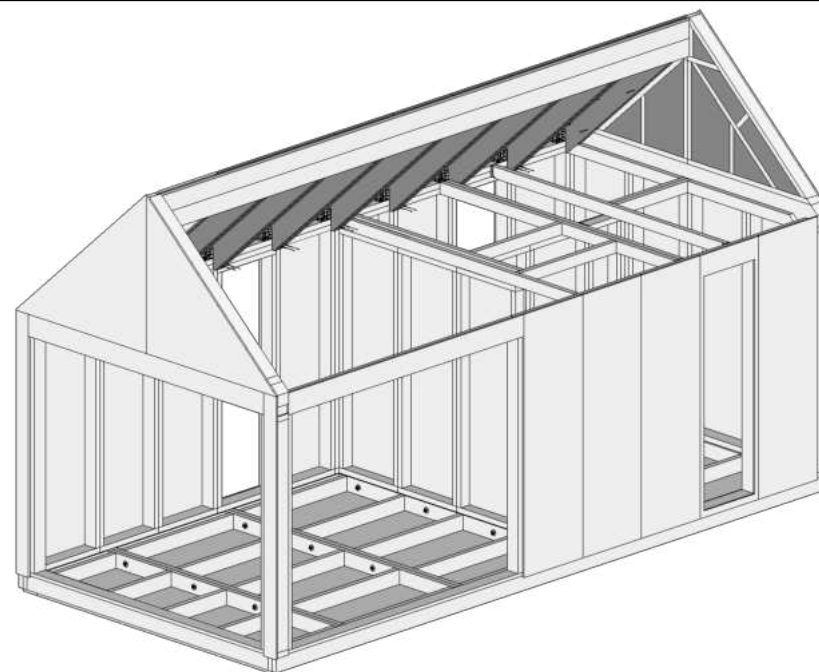
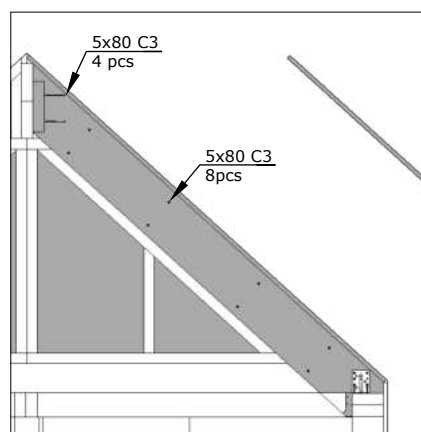
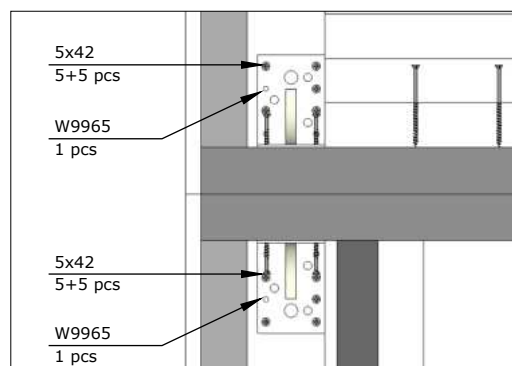
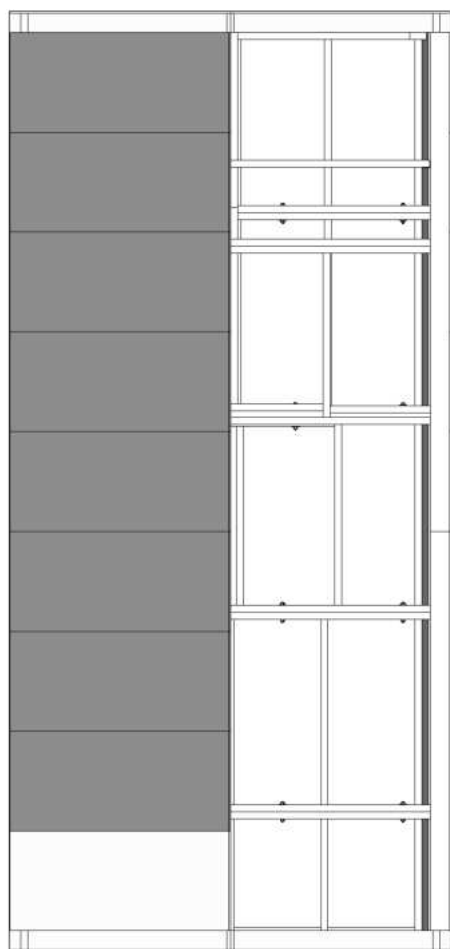
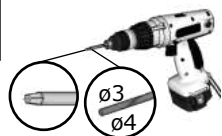
Begin by installing and fastening the first roof element REL-1. The element is fastened with screws and an angle bracket W9965.



28.

Pos	Profile	Pcs
REL-1		8
6x140 C3		15
5x80 C3		104
5x42		160
W9965		16

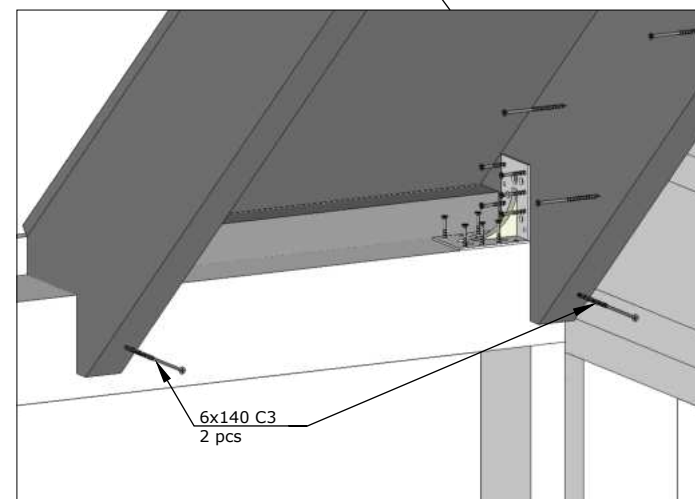
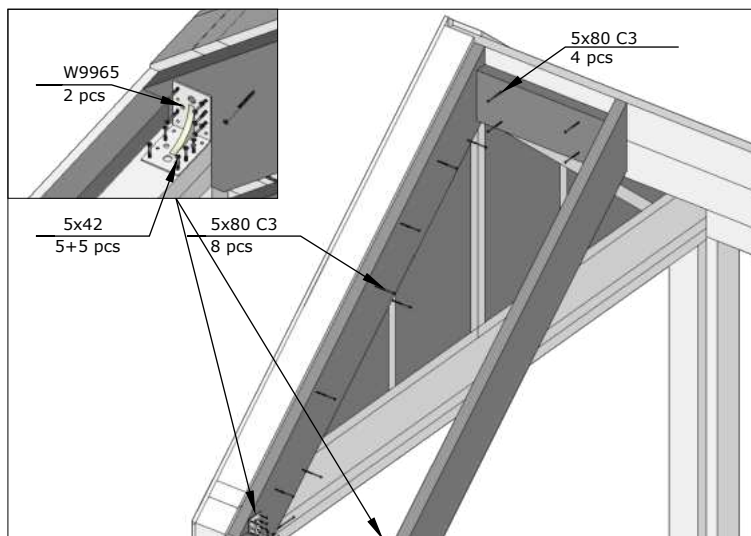
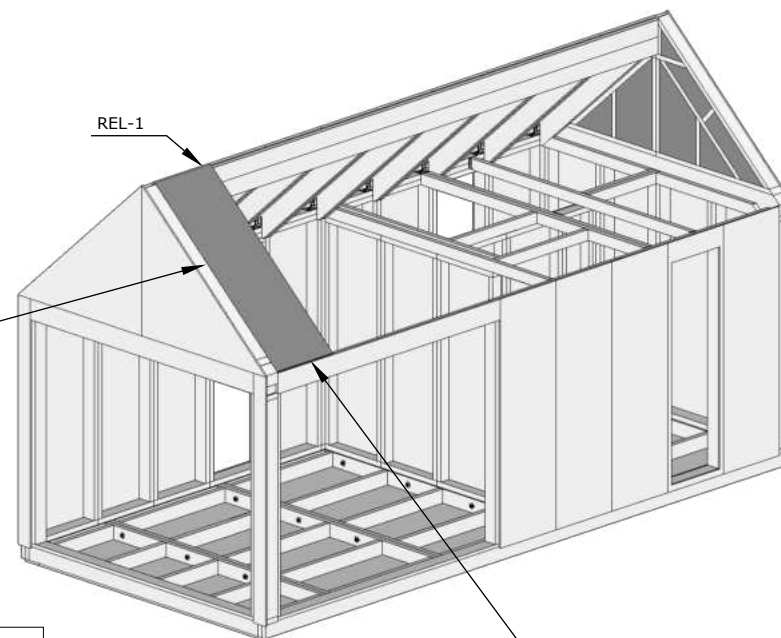
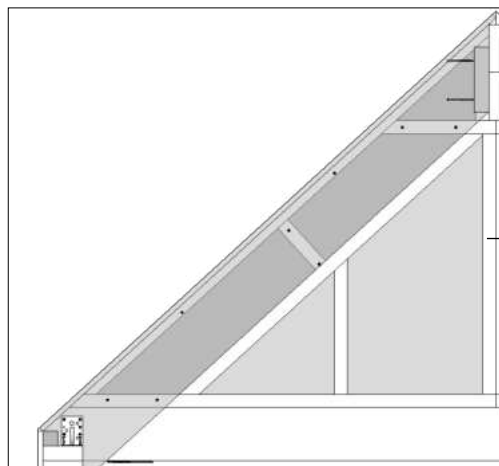
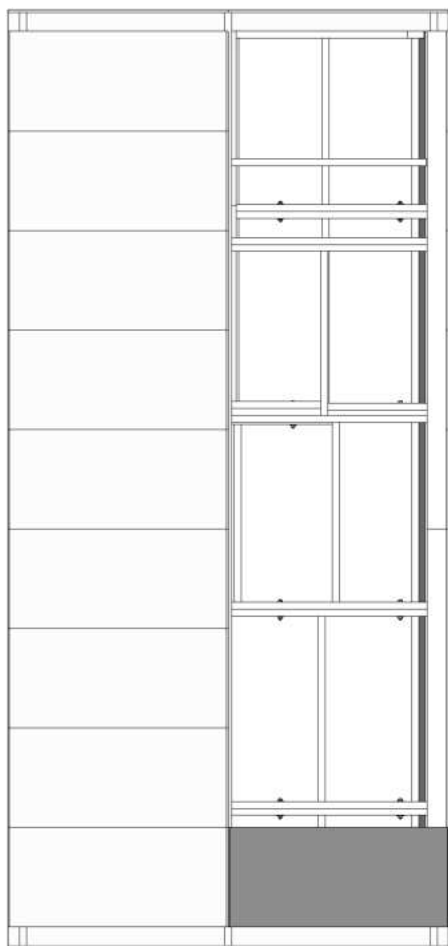
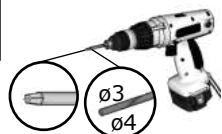
Install and fasten rest of roof elements REL-1. The element is fastened with screws and an angle brackets W9965.



29.

Pos	Profile	Pcs
REL-1		1
6x140 C3		2
5x80 C3		12
5x42		20
W9965		2

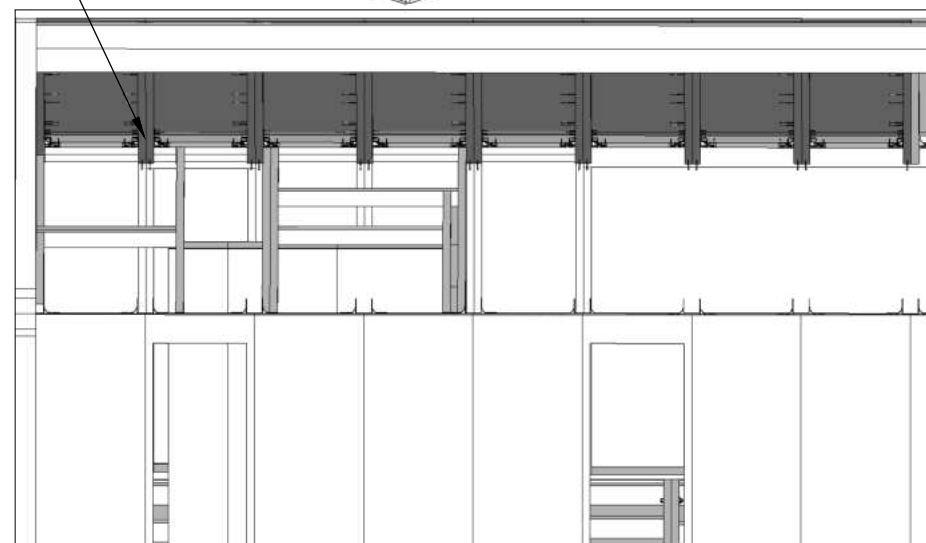
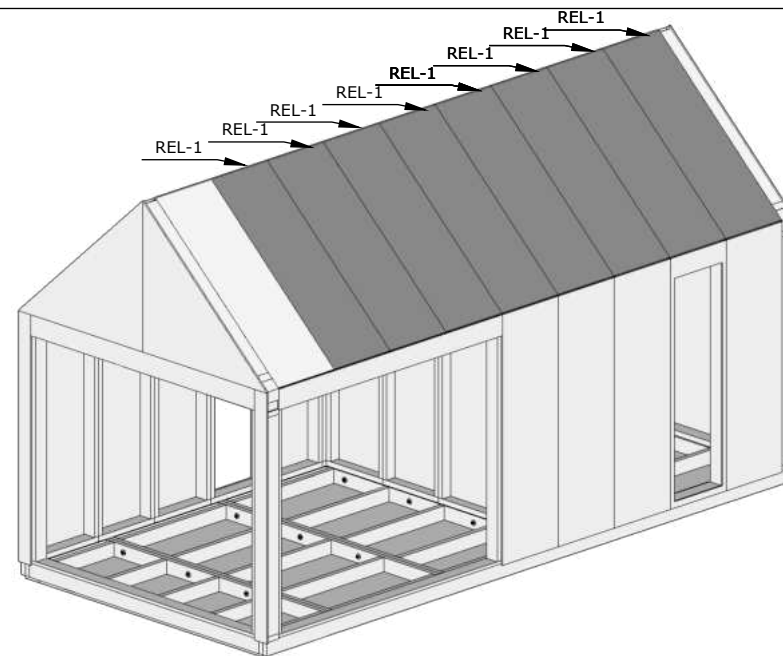
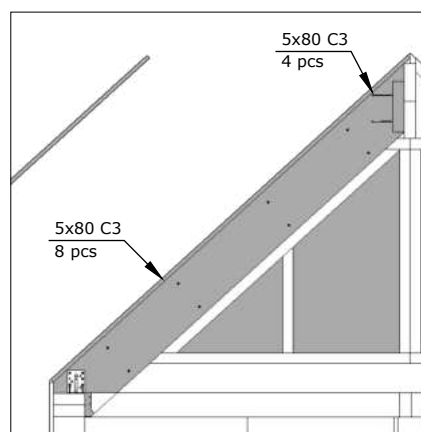
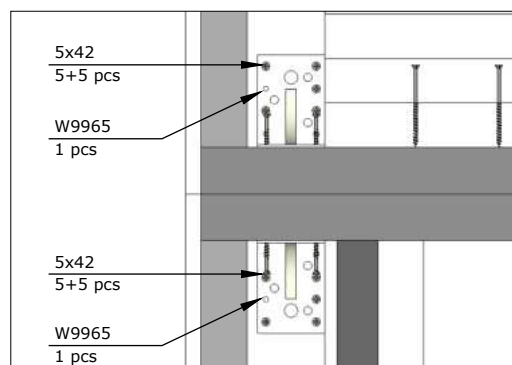
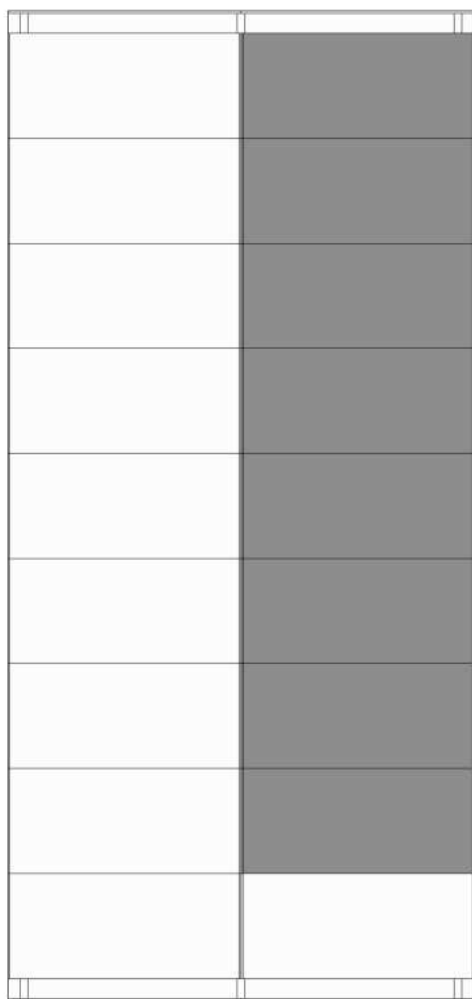
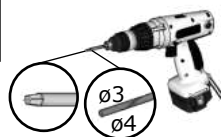
Install and fasten rest of roof elements REL-1. The element is fastened with screws and an angle brackets W9965.



30.

Pos	Profile	Pcs
REL-1		8
6x140 C3		15
5x80 C3		105
5x42		160
W9965		16

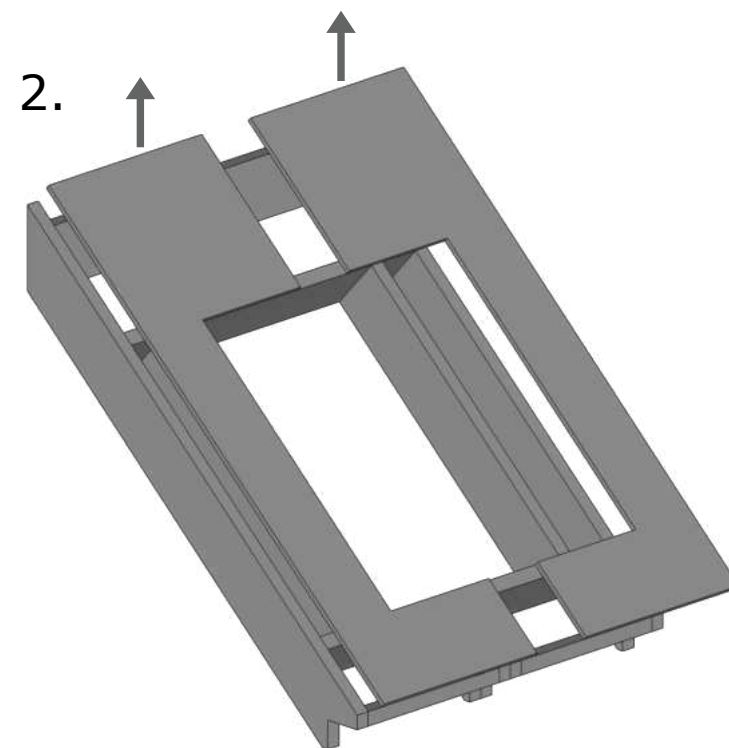
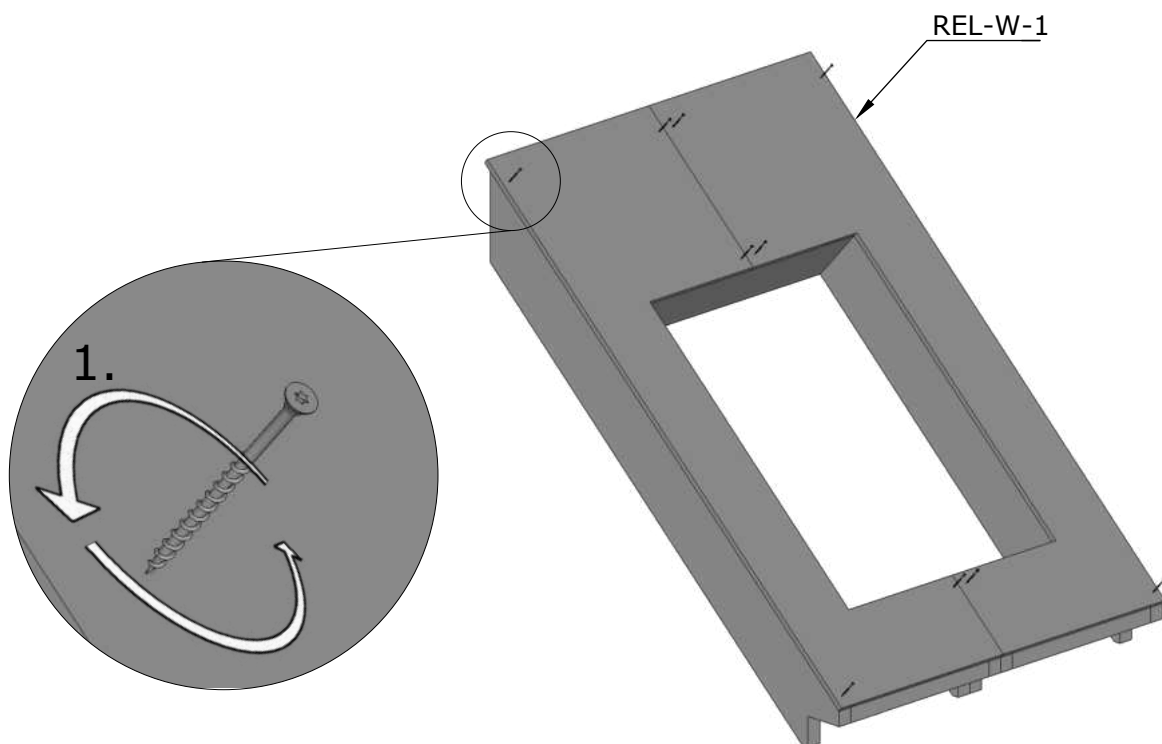
Install and fasten rest of roof elements REL-1. The element is fastened with screws and an angle brackets W9965. If roof window is opted, then look next step for installing and fastening roof window element.



31.

Pos	Profile	Pcs
REL-W-1		1
4.2x55 C3		10

If a roof window has been opted for the building then the OSB boards must first be removed from the roof window element. Unscrew the screws that hold the OSB board.

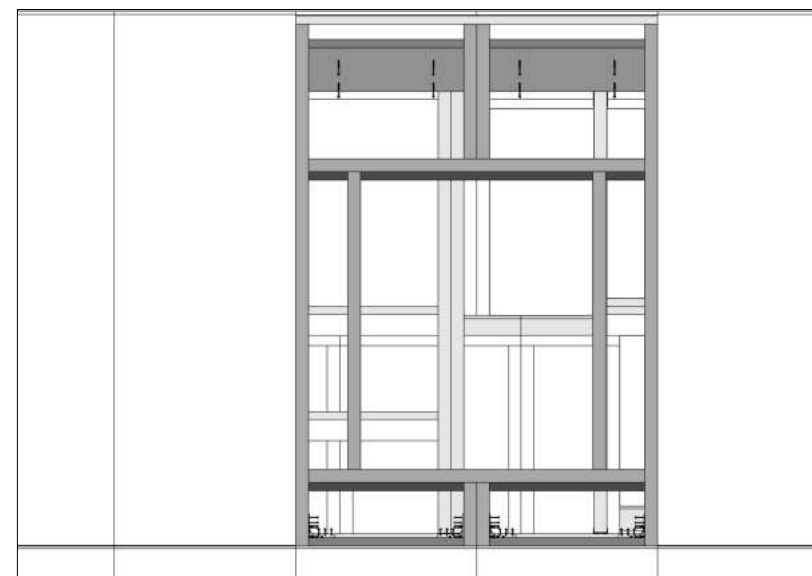
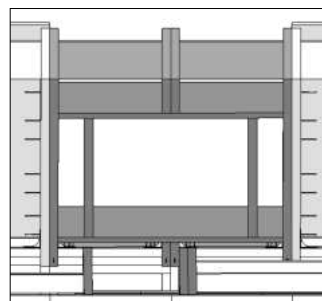
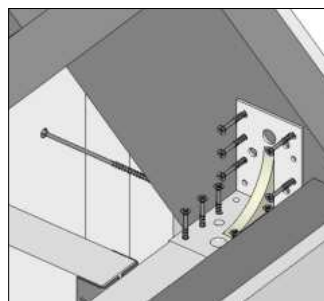
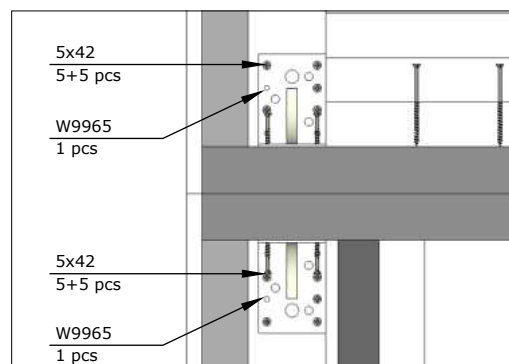
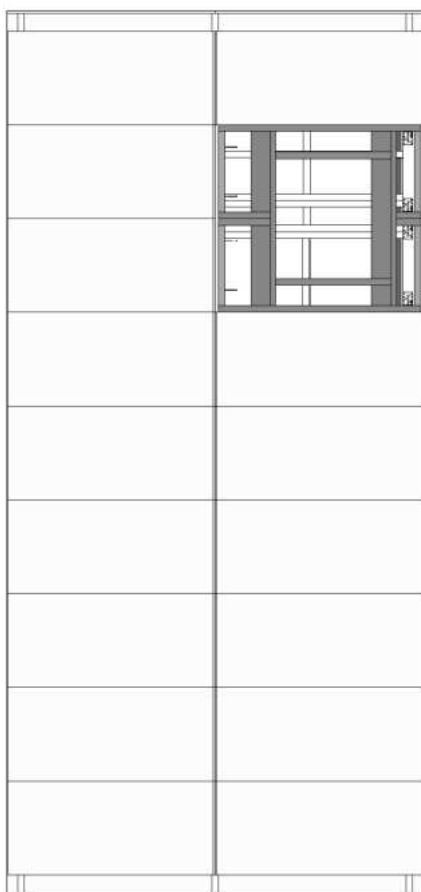
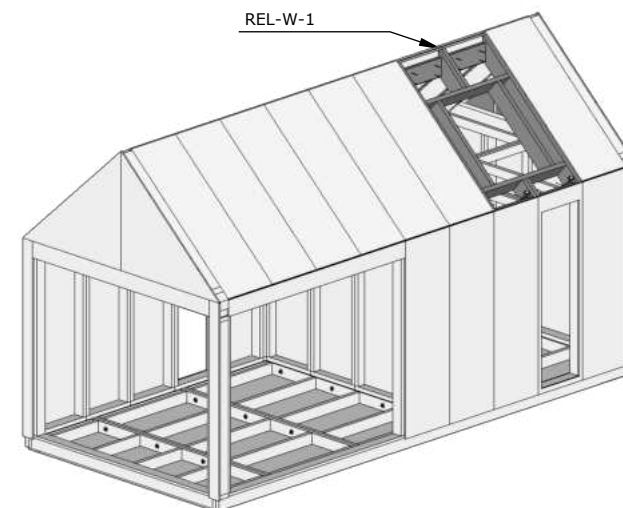
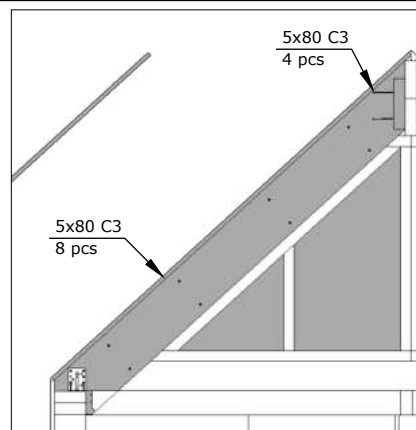
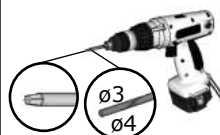


Skip this step if no roof window is selected for the building!

32.

Pos	Profile	Pcs
REL-W-1	Optional	1
6x140 C3		4
5x80 C3		24
5x42		40
W9965		4

Install and fasten the roof window element. The element is fastened with screws and angle brackets W9965.

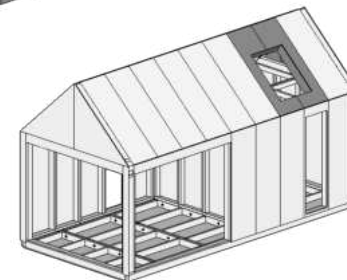
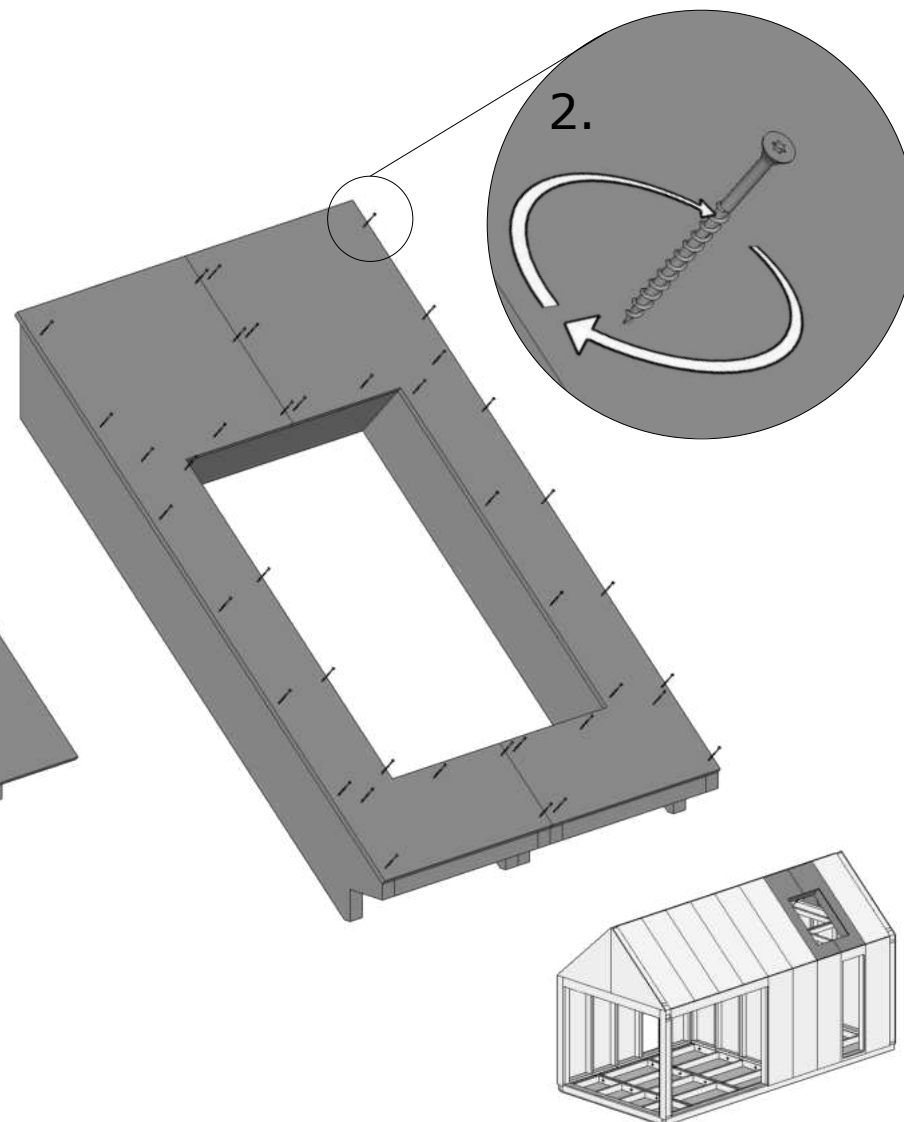
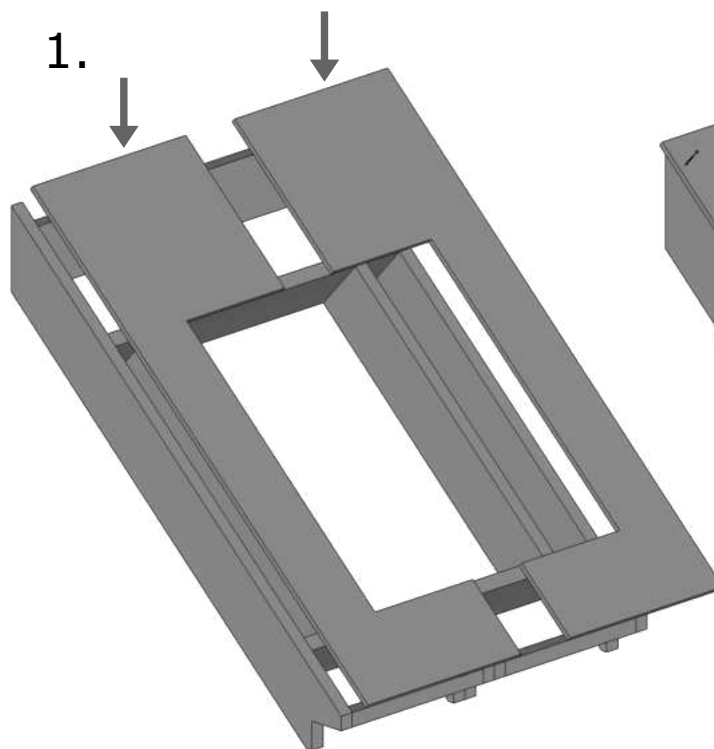
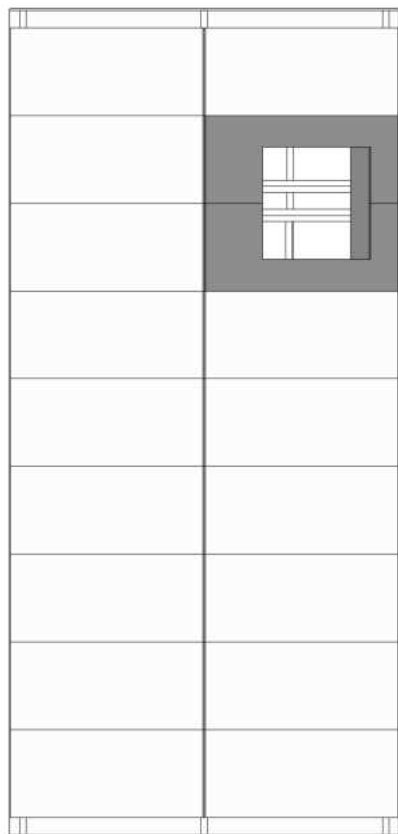
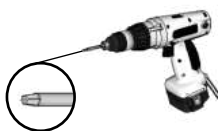


Skip this step if no roof window is selected for the building!

33.

Pos	Profile	Pcs
REL-W-1	Optional	1
4.2x55 C3		40

Reassemble window roof element REL-W-1. Reinstall OSB boards using provided OSB board screws.

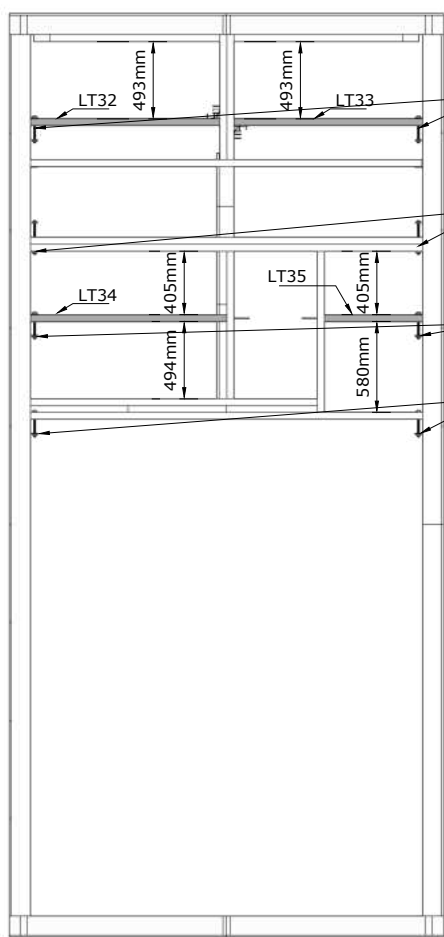
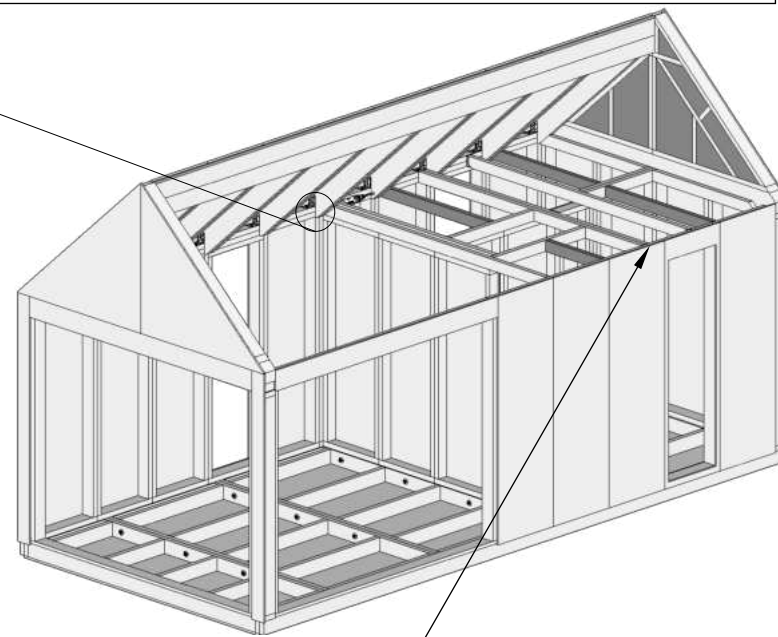
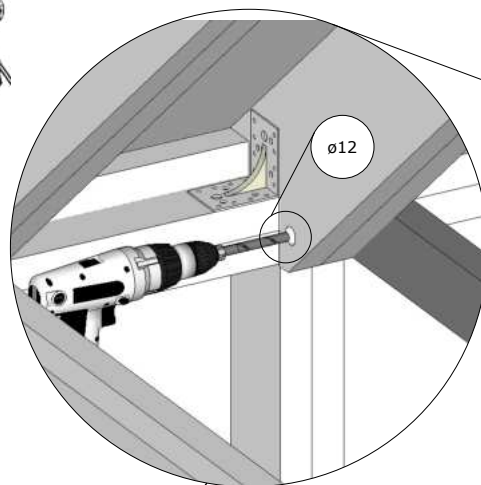
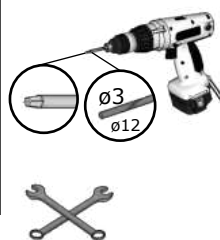


Skip this step if no roof window is selected for the building!

34.

Pos	Profile	Pcs
LT32	44x94	1
LT33	44x94	1
LT34	44x94	1
LT35	44x94	1
KL-3		6
KL-4		2
MUT27		16
W9965		2
5x42		20
5x100 C3		4

Install the following sleeping floor beams. Fasten the beams LT34 and LT35 with screws. Fasten beams LT32 and LT33 with W9965 angle bracket and screws. Next, drill holes in the indicated locations. Fasten the sleeping floor beams to the roof elements using threaded rods KL-3 and KL-4 and MUT27.

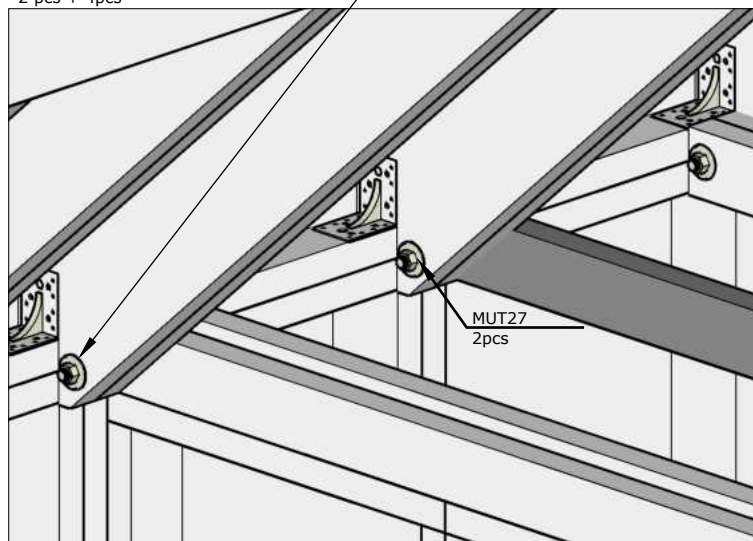


KL-3+MUT27
2 pcs + 4pcs

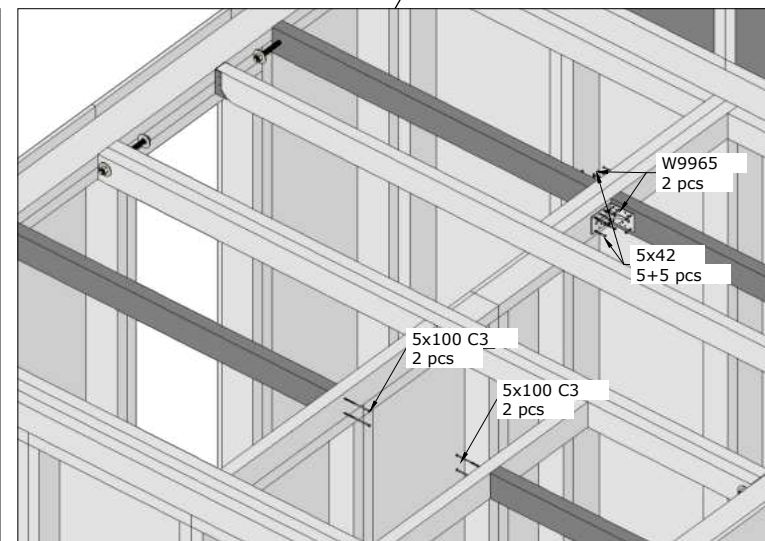
KL-4+MUT27
2 pcs + 4pcs

KL-3+MUT27
2 pcs + 4pcs

KL-3+MUT27
2 pcs + 4pcs



MUT27
2pcs



W9965
2 pcs

5x42
5+5 pcs

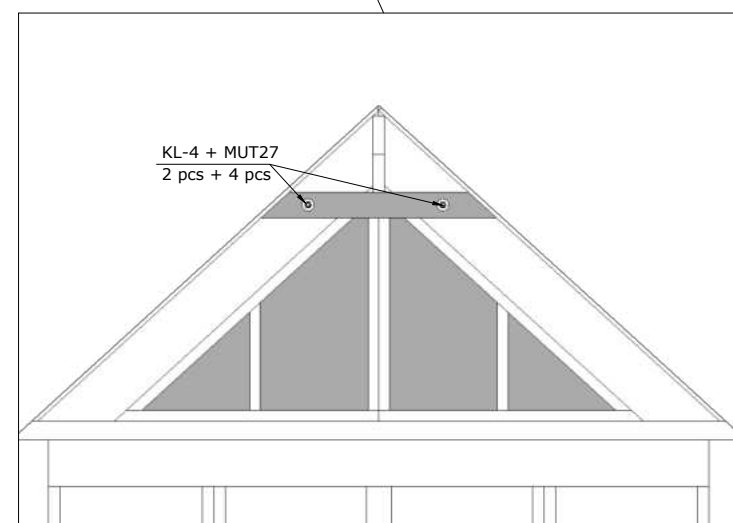
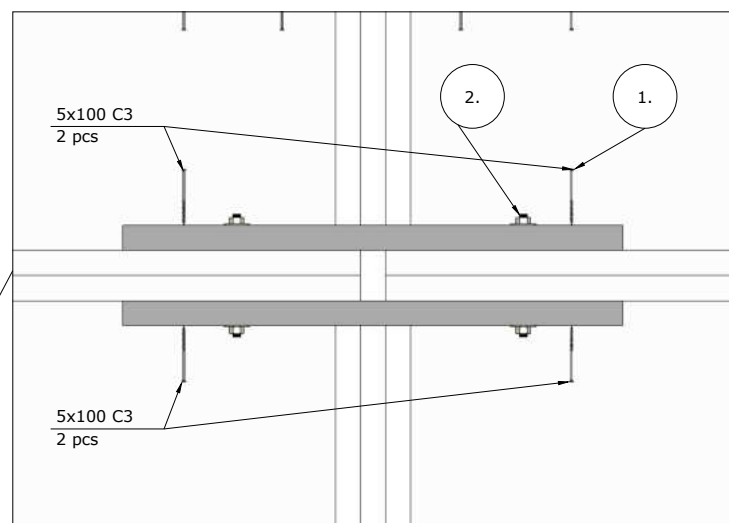
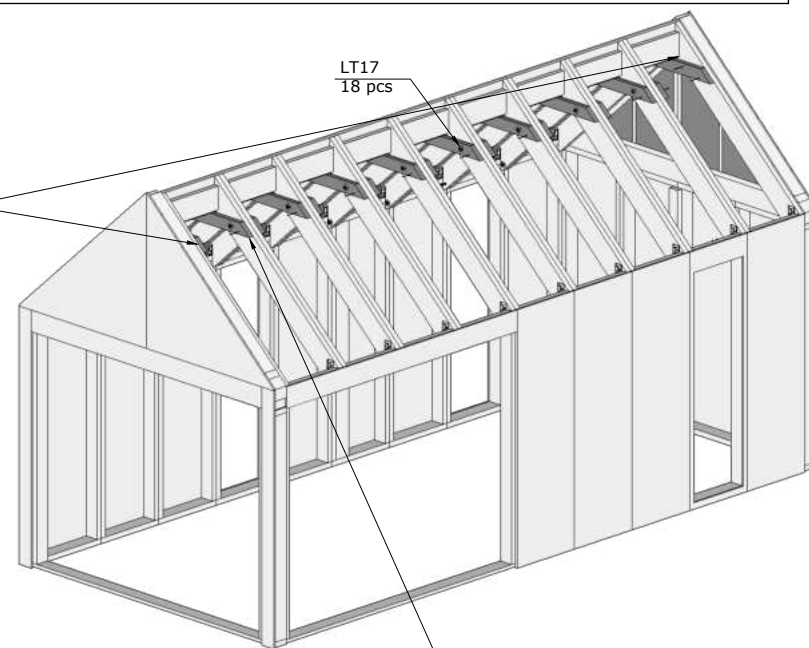
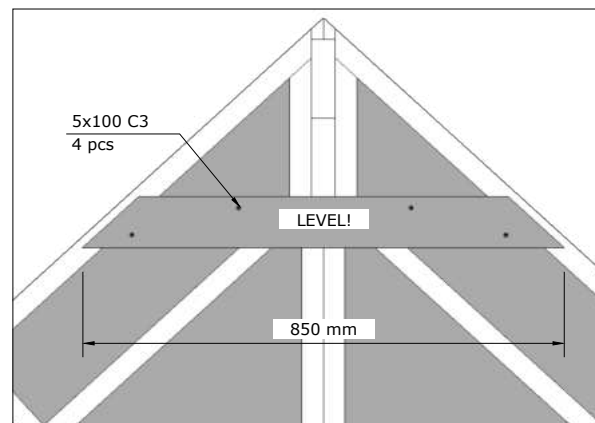
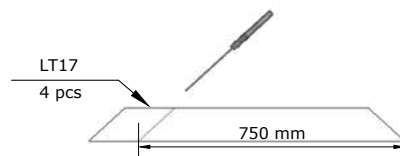
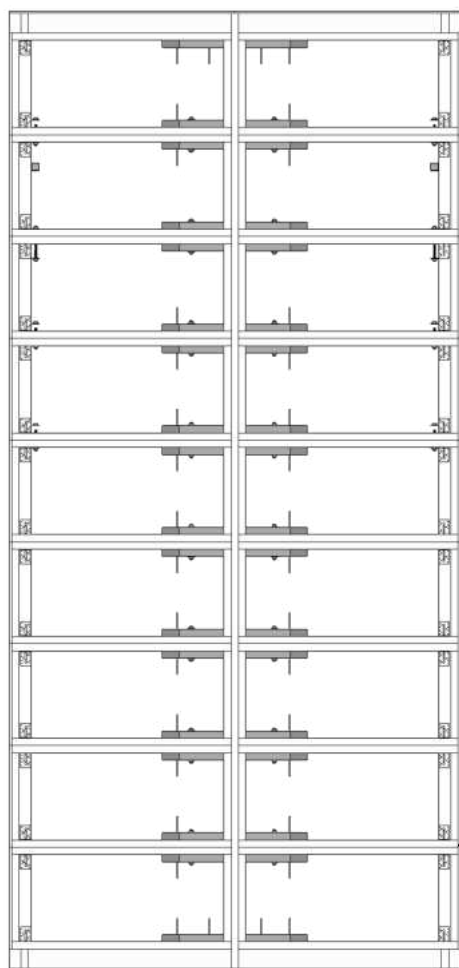
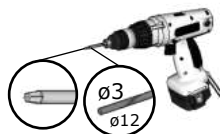
5x100 C3
2 pcs

5x100 C3
2 pcs

35.

Pos	Profile	Pcs
LT17	44x94	18
5x100 C3		40
KL-4		16
MUT27		32

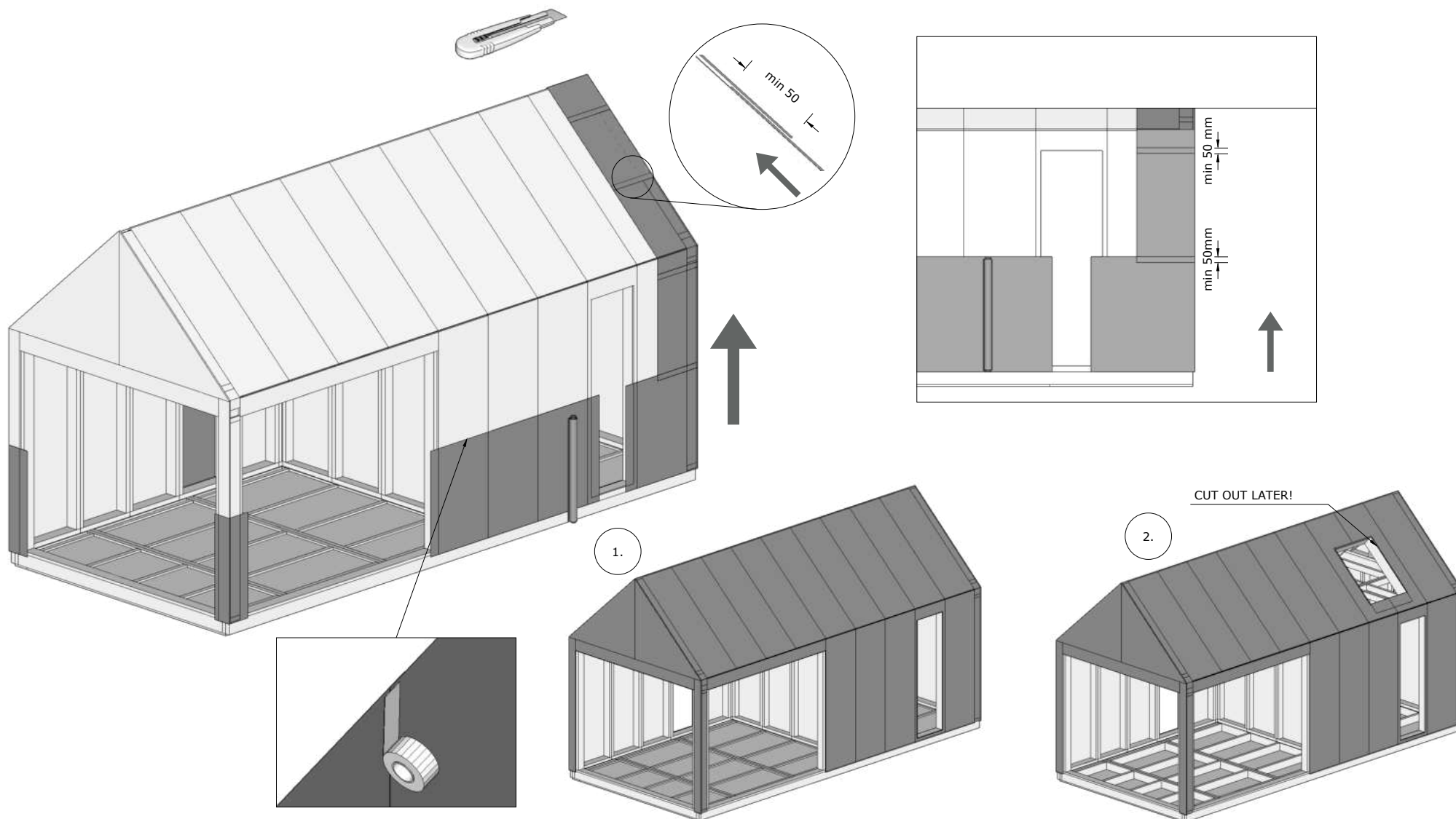
Install and fasten the LT17 beams. First fix the beams in the right place and level using screws. Next, drill the $\varnothing 12$ holes for installing the threaded rods KL-4. Then attach the beams to the roof elements using MUT27. If building has roof window, then 4 pcs LT17 beams must be cut to size 750mm. These beams are fixed to roof window element.



36.

Pos	Profile	Pcs
Wind barrier		
Tape		

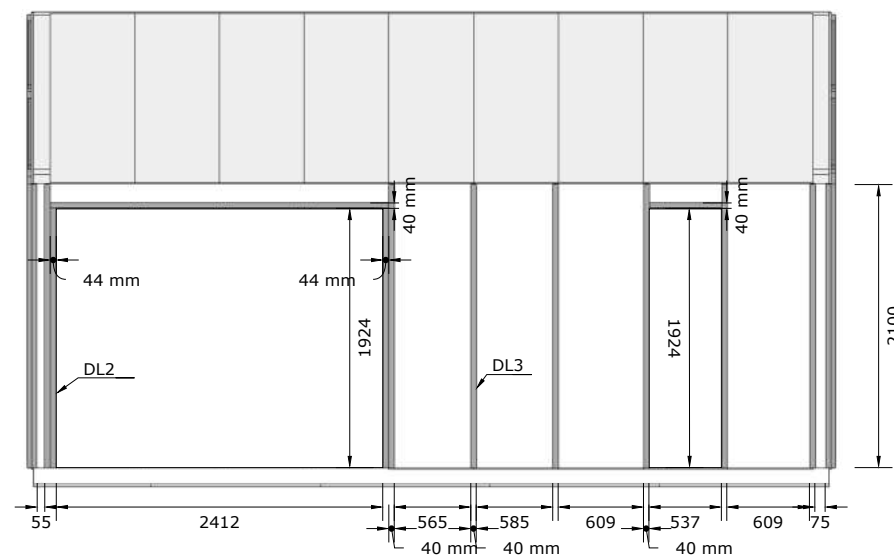
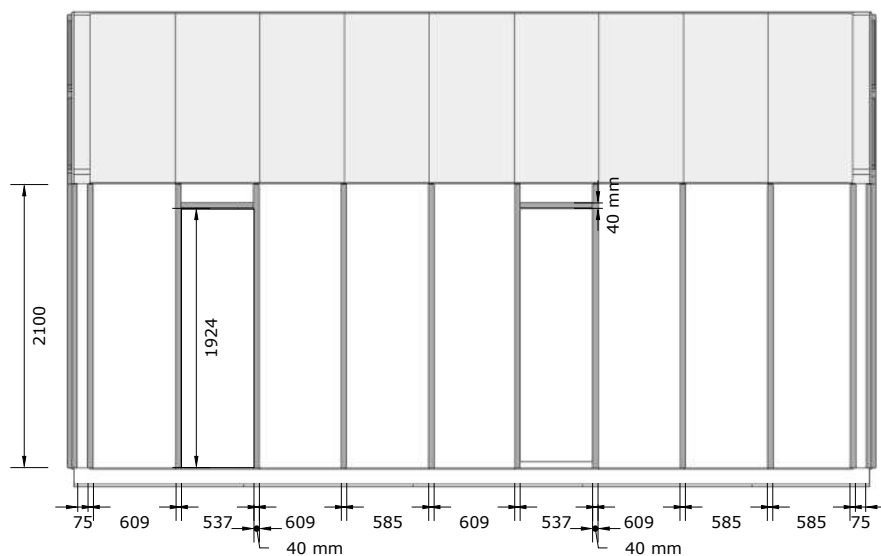
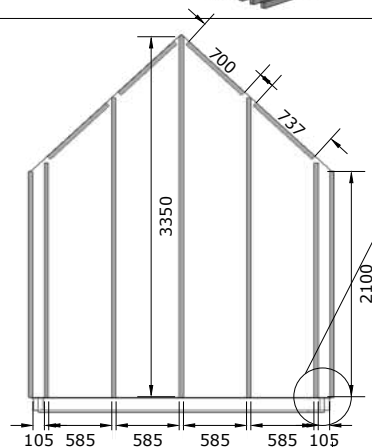
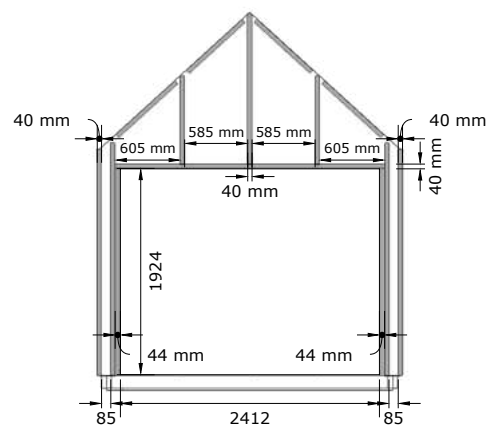
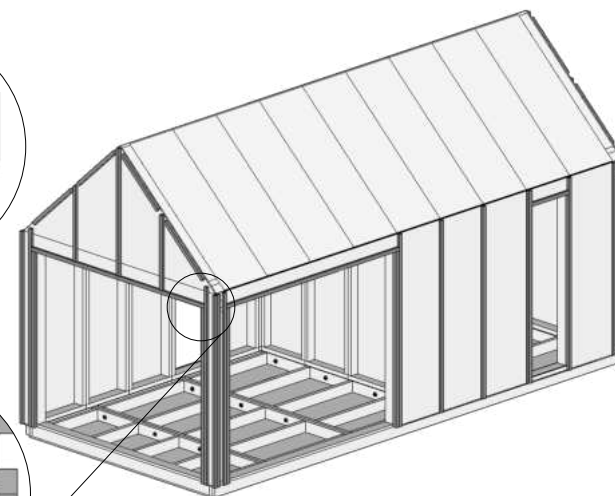
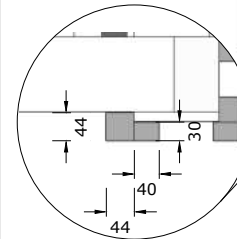
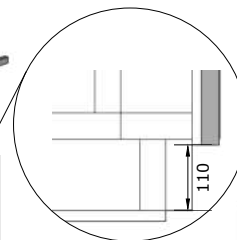
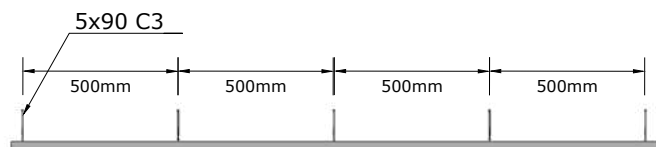
Install wind and moisture barrier throughout the building. Start from the bottom and move up, leaving an overlap of at least 50mm. Tape the continuation places. At least 50 mm overlap must also be left on window and door elements. Can be cut later if necessary. If the building has a roof window, do not cut it out before installing the roof window. Installation according to the manufacturer's installation instructions.



37.

Pos	Profile	Pcs
DL3	40x30	
DL2	44x44	
5x90 C3		220

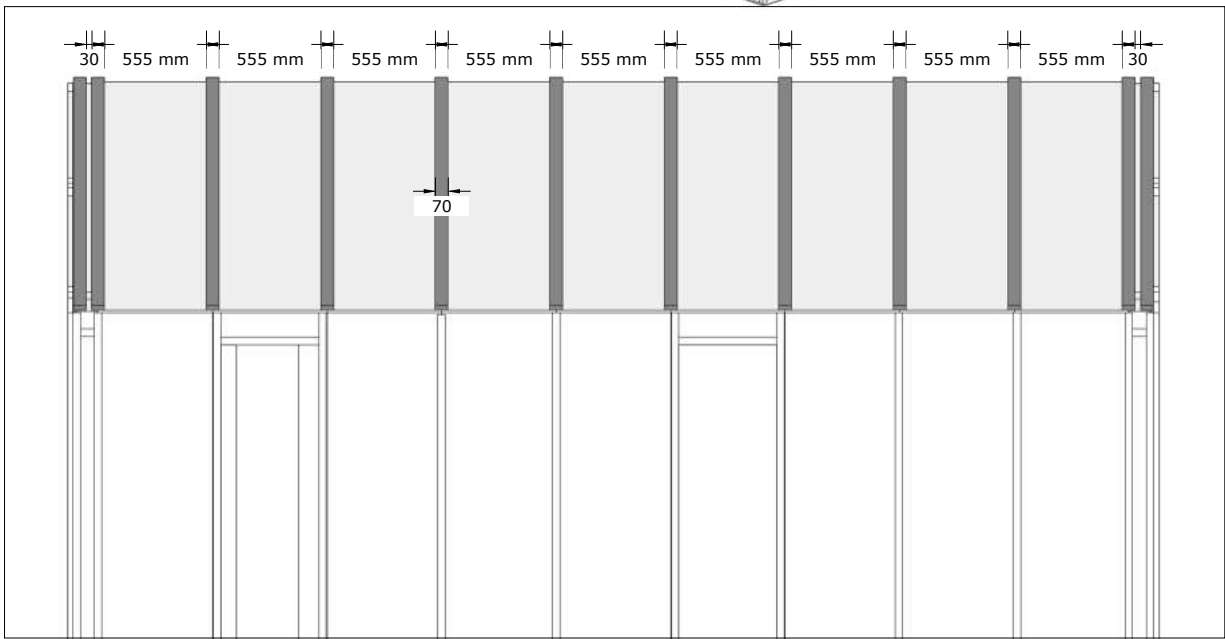
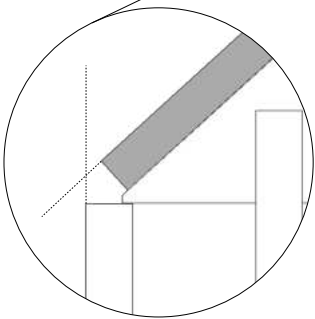
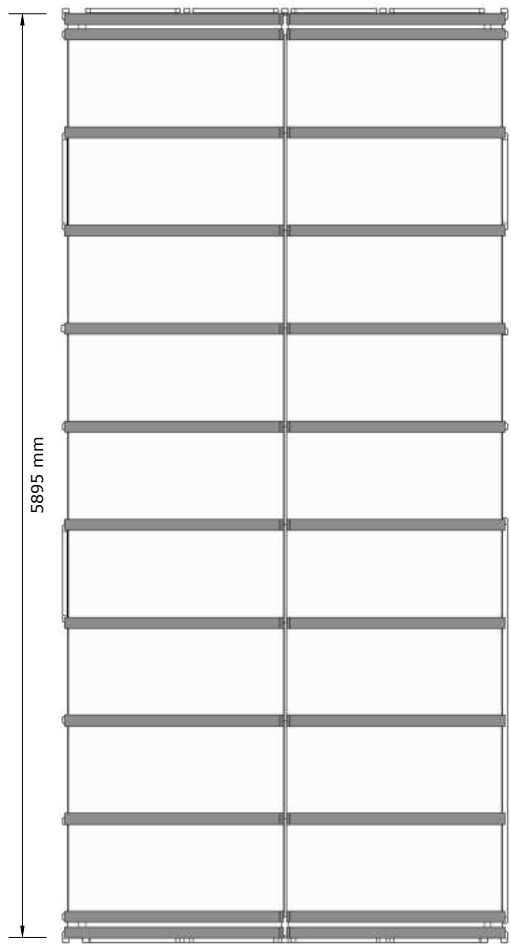
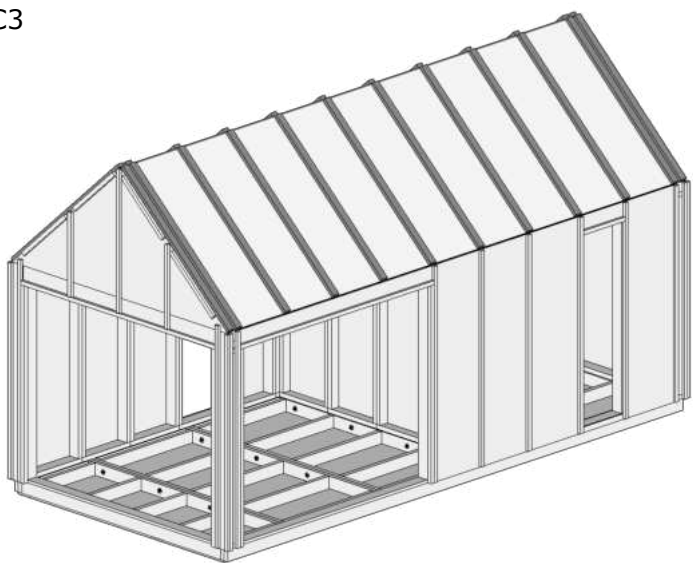
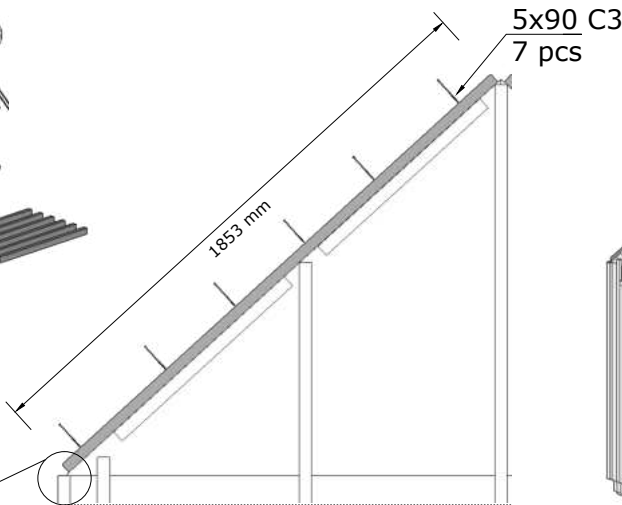
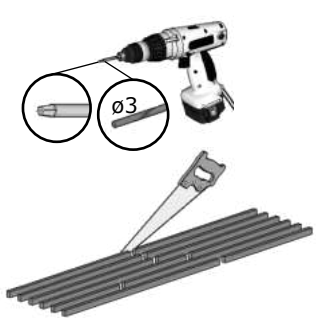
Cut to size, install and fasten the external wall battens LT3 and LT2. Fasten with screws ,500mm step. The battens are flush with the wall element.



38.

Pos	Profile	Pcs
DL4	70x34	
5x90 C3	→	144

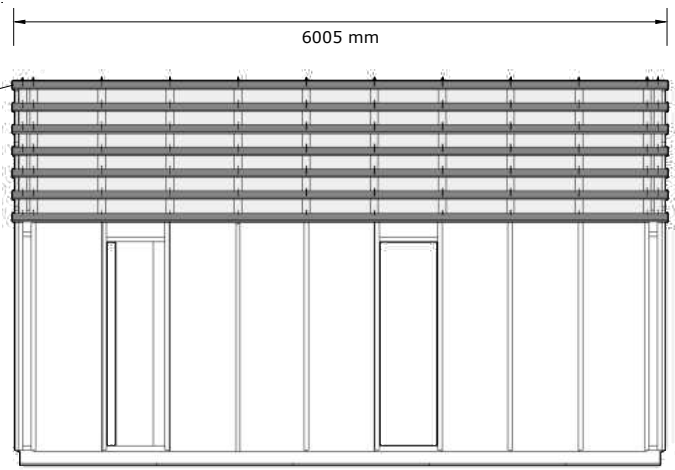
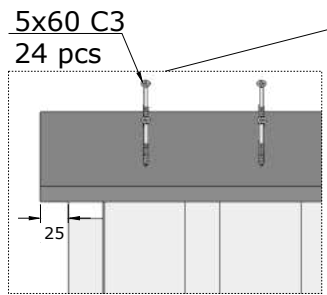
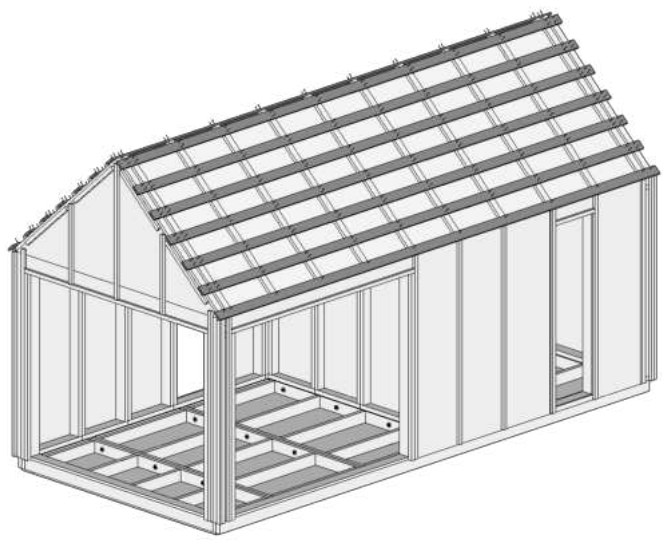
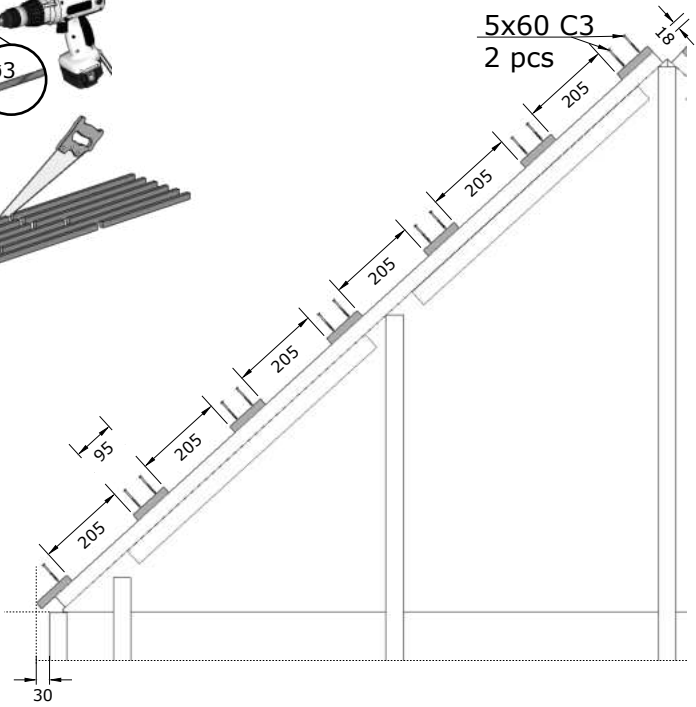
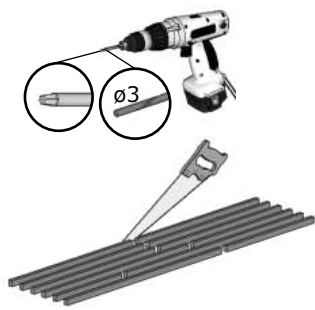
Cut to size, install and fasten roof battens DL4.



39.

Pos	Profile	Pcs
DL5	95x18	
5x60 C3		312

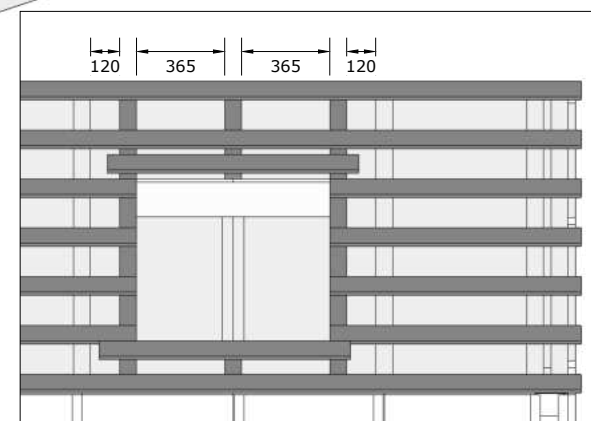
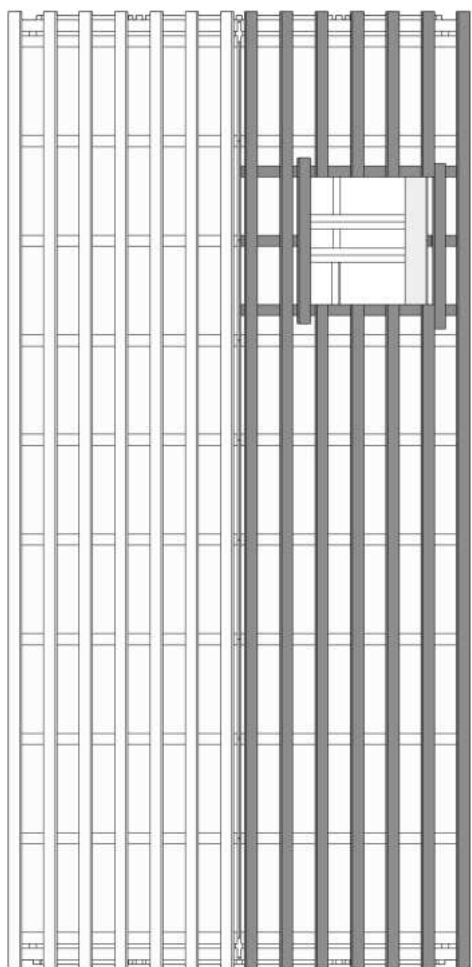
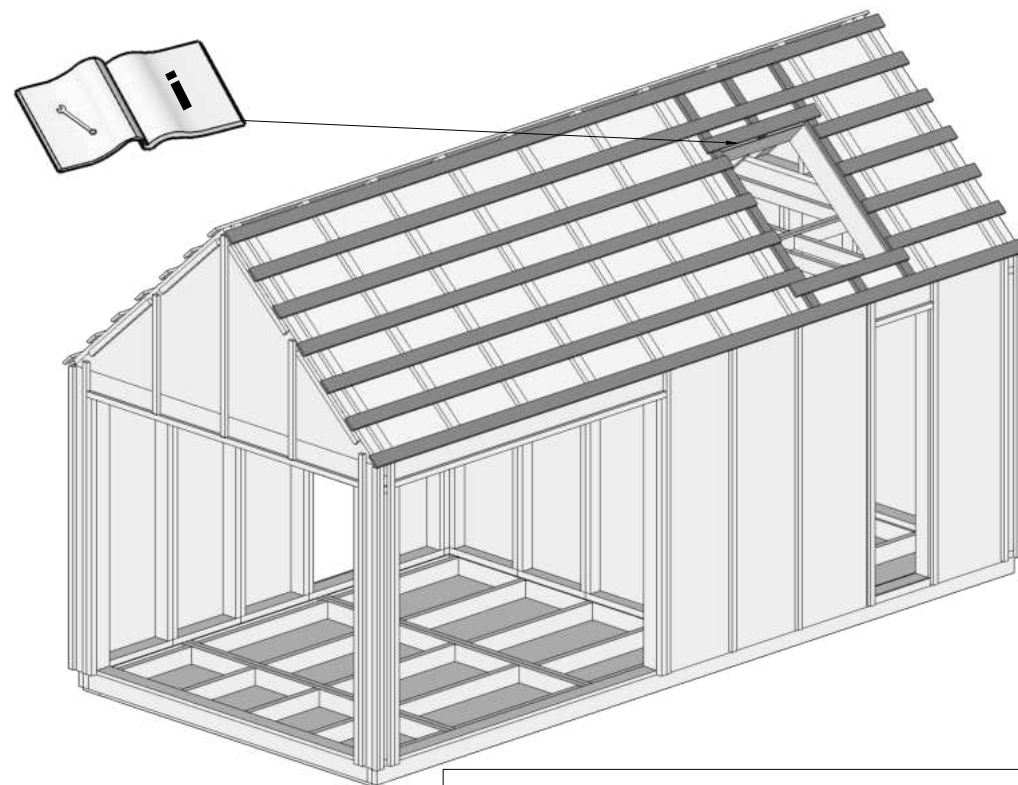
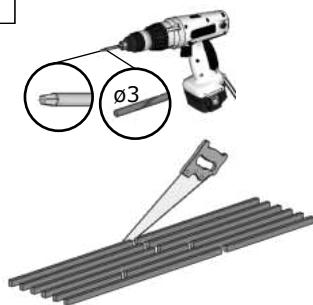
Cut to size, install and fasten roof counter battens DL5.



40.

Pos	Profile	Pcs
DL4	70x34	
DL5	95x18	
5x90 C3		
5x60 C3		

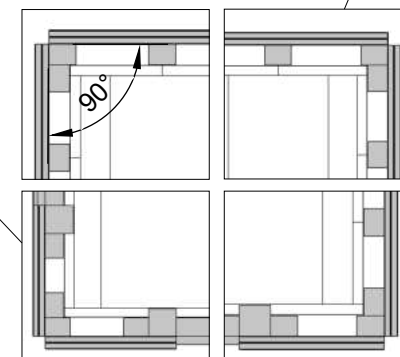
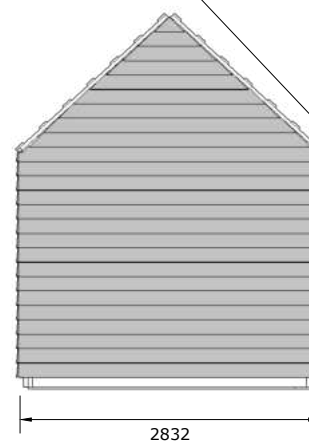
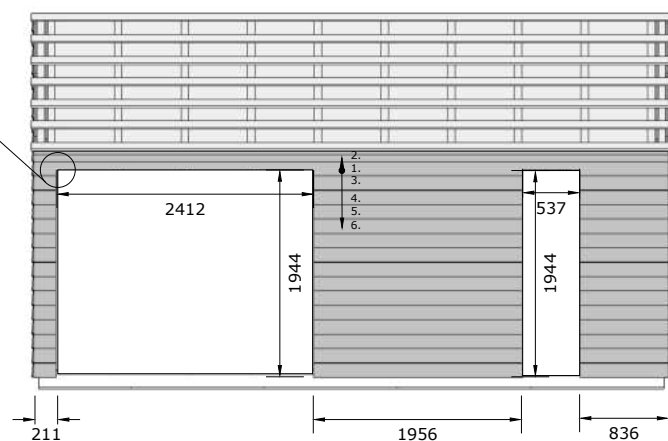
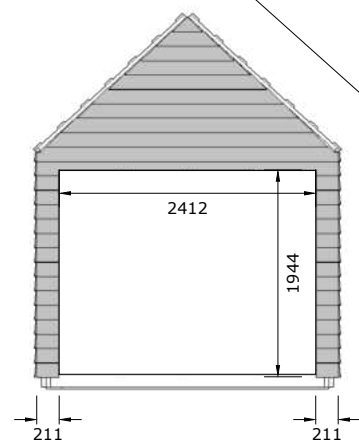
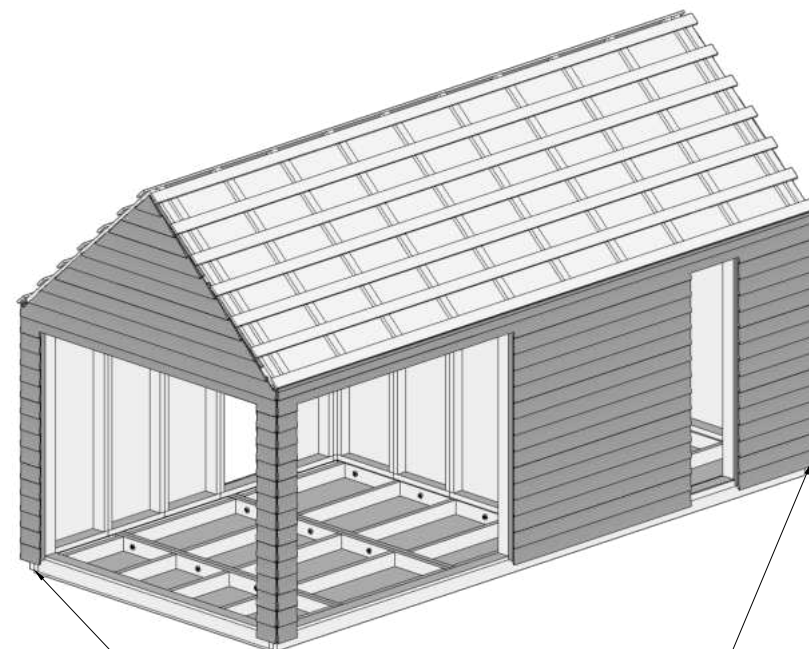
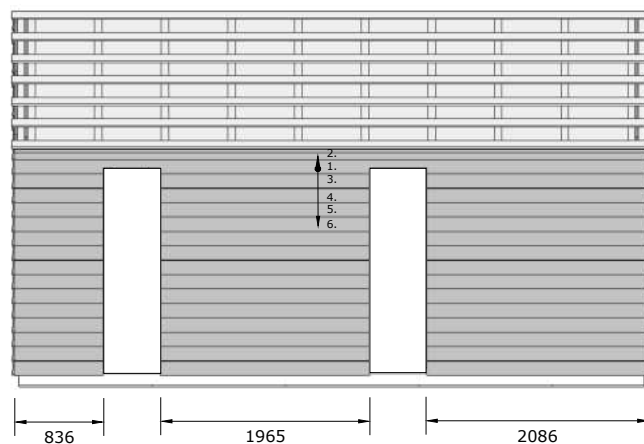
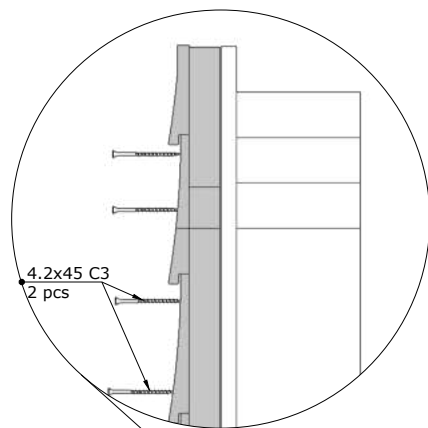
If the building has a roof window, install and fasten the roof battens and counter battens according to the roof window manufacturer's installation instructions. Installing and fastening battens are done using the same principles as in steps 38 and 39.



41.

Pos	Profile	Pcs
Cladding		
4.2x45 C3		900

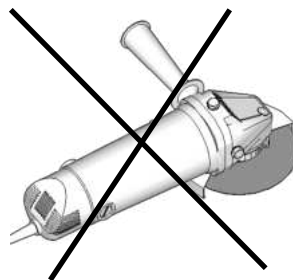
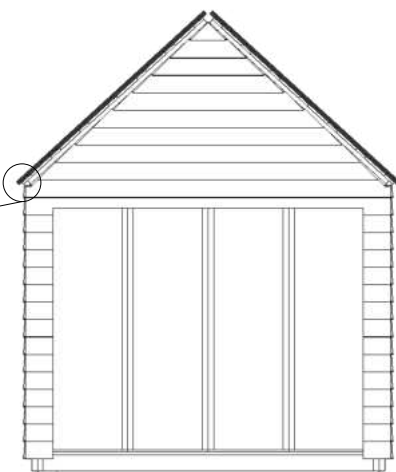
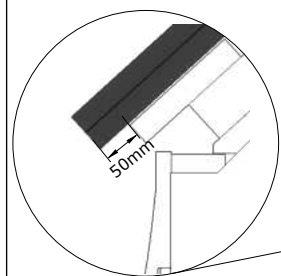
Begin by cutting, installing and fastening the exterior cladding. The cladding boards are fastened to each of the wall batten with two screws.



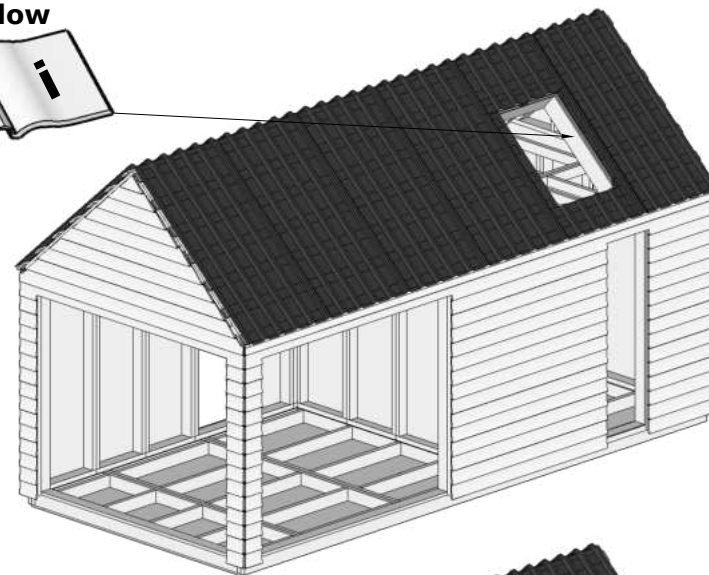
42.

Pos	Profile	Pcs
Ruukki trapezoidal roof set		1

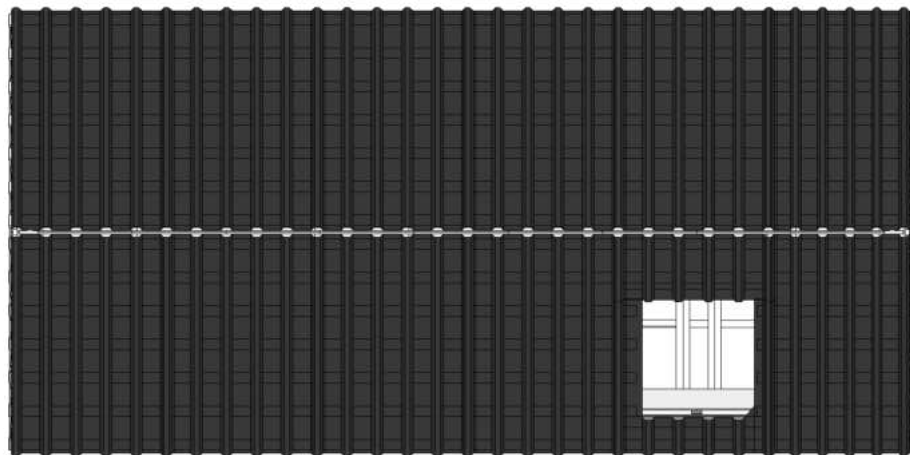
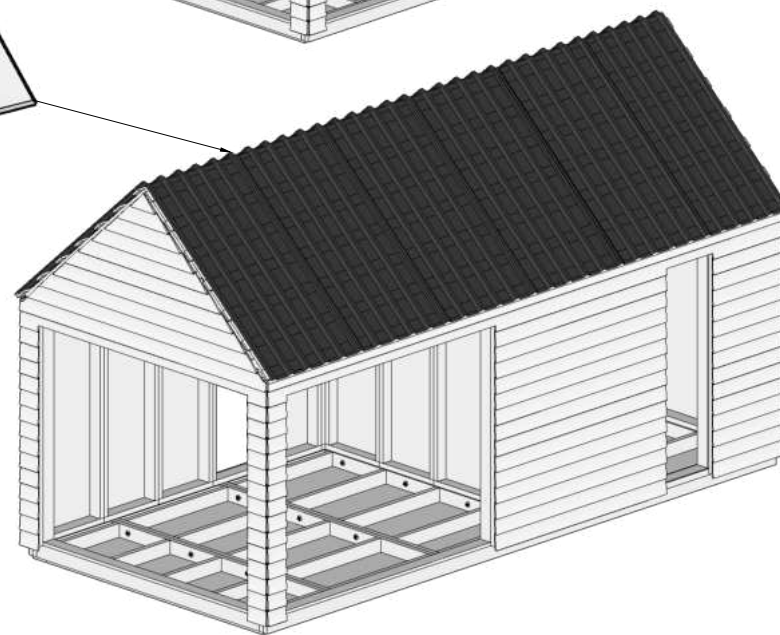
Install the roof according to the manufacturer's installation instructions. If the building has a roof window, follow the installation instructions for the roof window.



Roof window



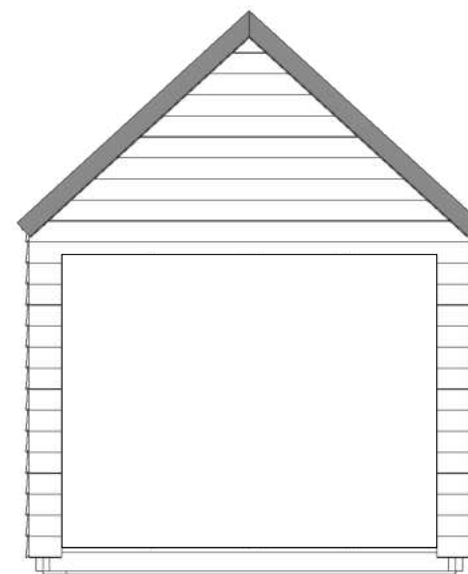
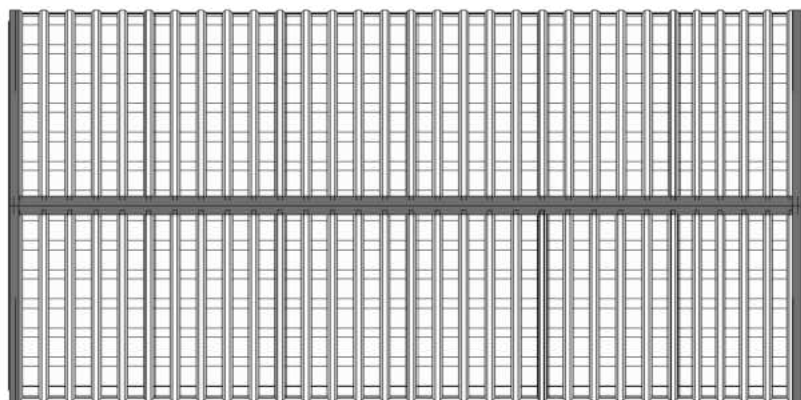
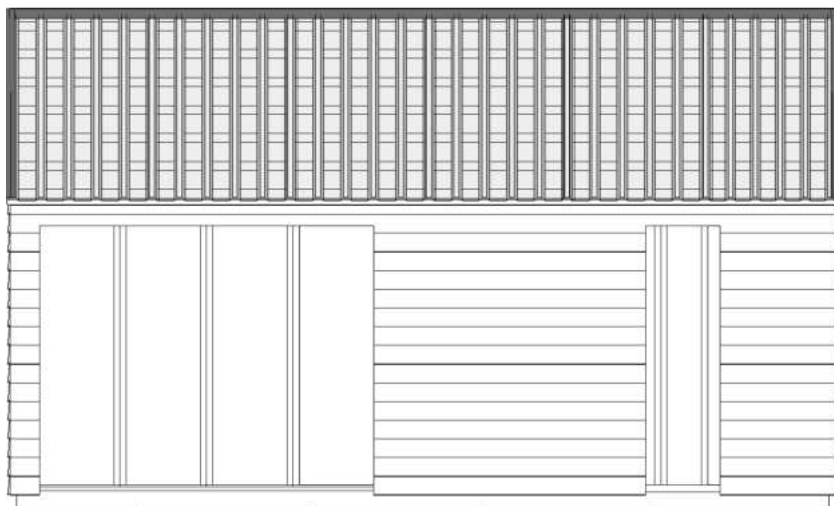
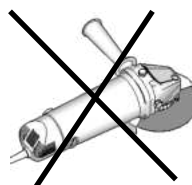
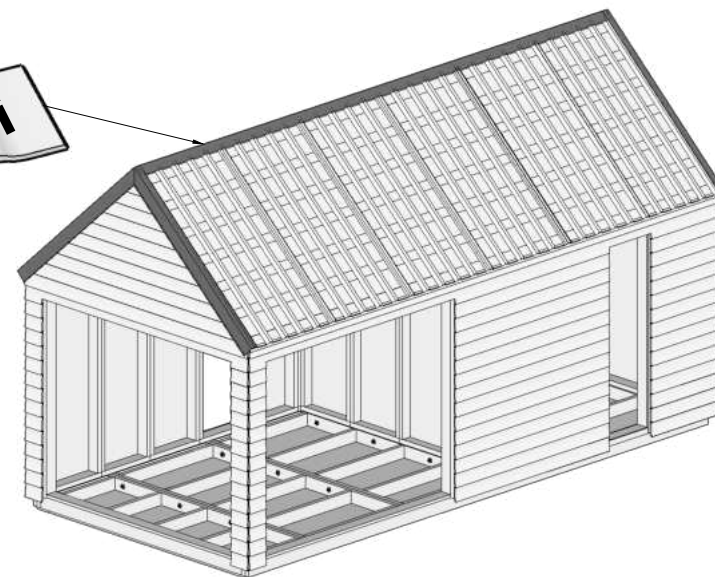
RUUKKI



43.

Pos	Profile	Pcs
Ruukki trapezoidal roof set		1

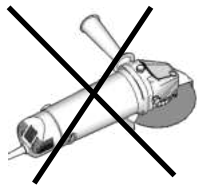
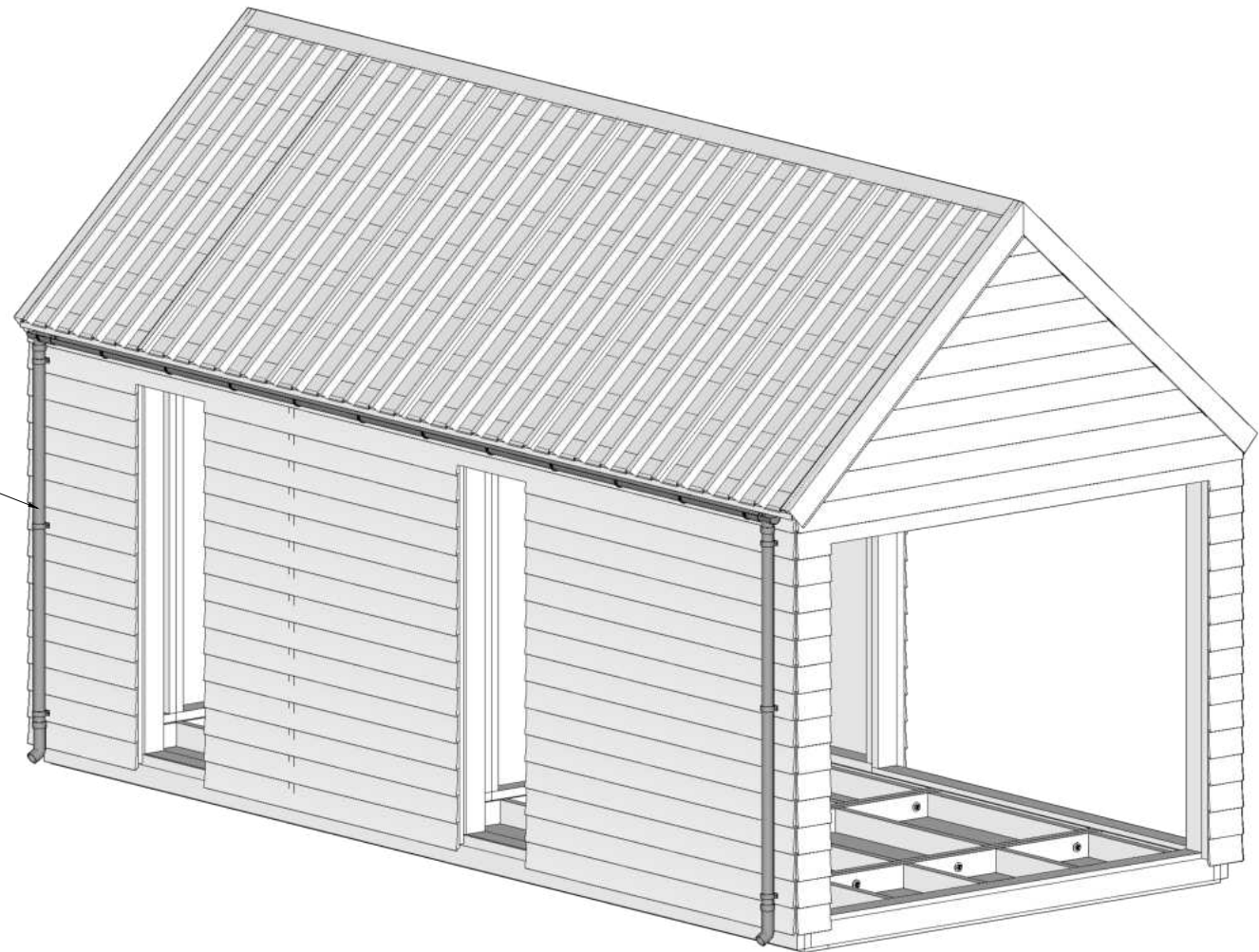
Install the roof according to the manufacturer's installation instructions. If the building has a roof window, follow the installation instructions for the roof window.

**RUUKKI**

44.

Pos	Profile	Pcs
Ruukki gutter set*		1
*Optional		

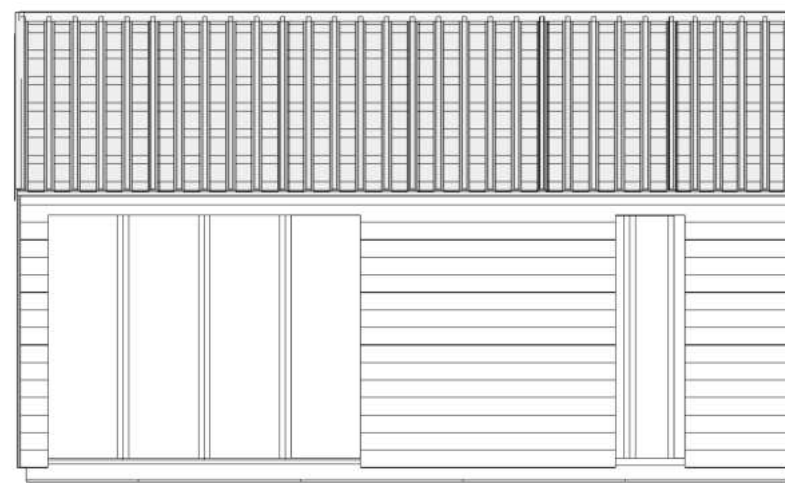
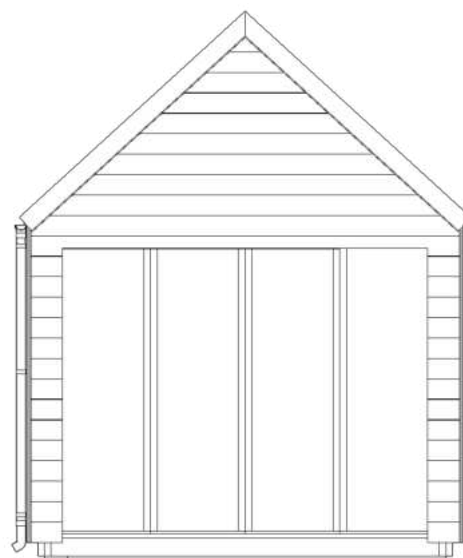
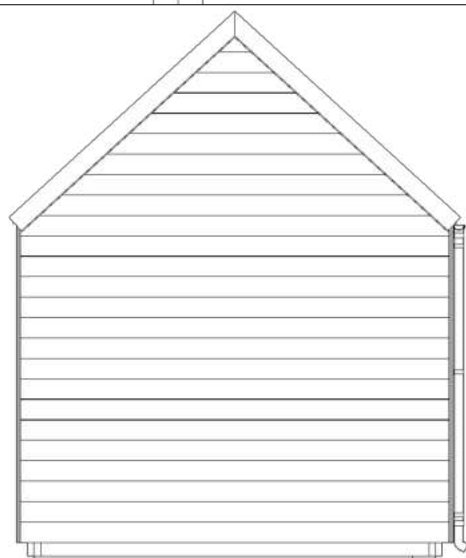
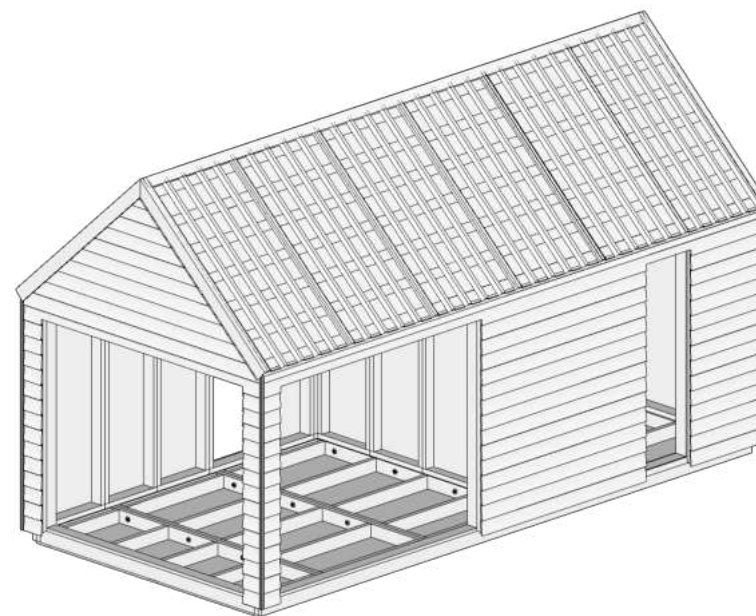
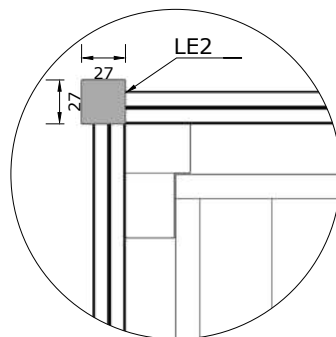
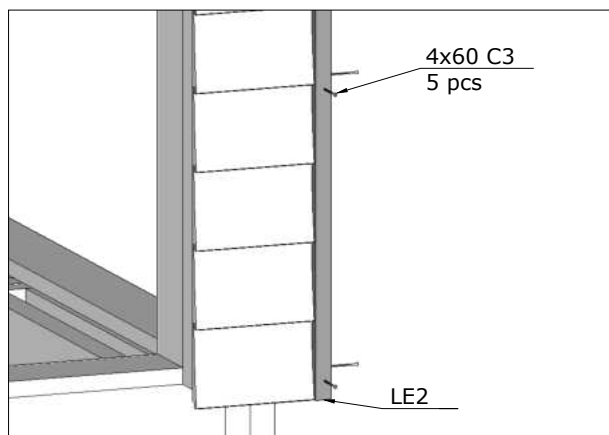
If a gutter has been opted for the building, install it according to the manufacturer's installation instructions.

**RUUKKI**

45.

Pos	Profile	Pcs
LE2	27x27	4
4x60 C3	→	20

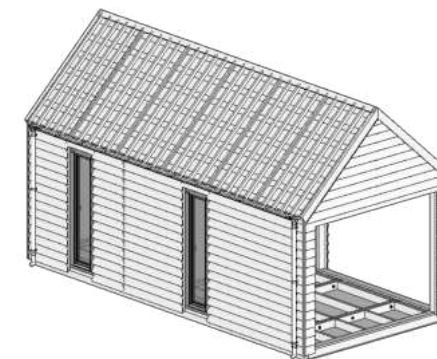
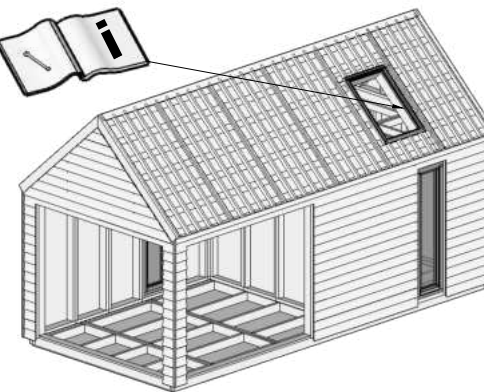
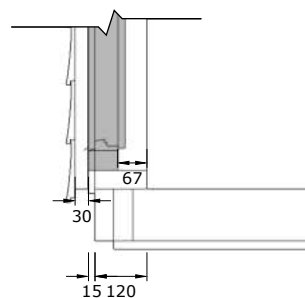
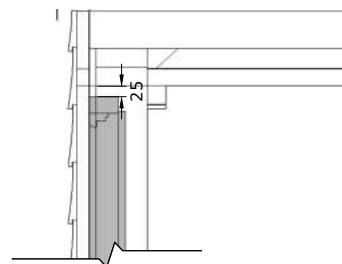
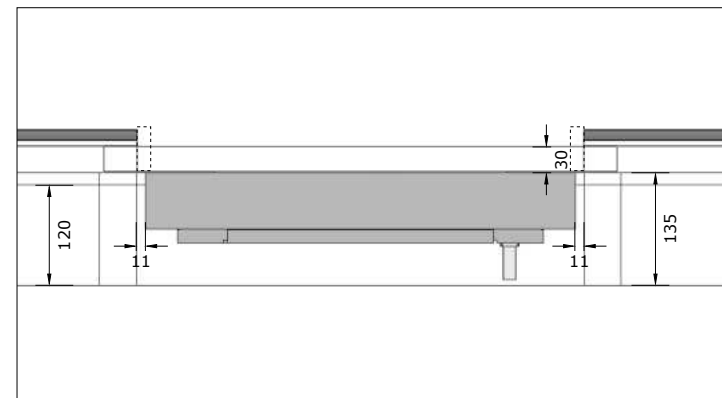
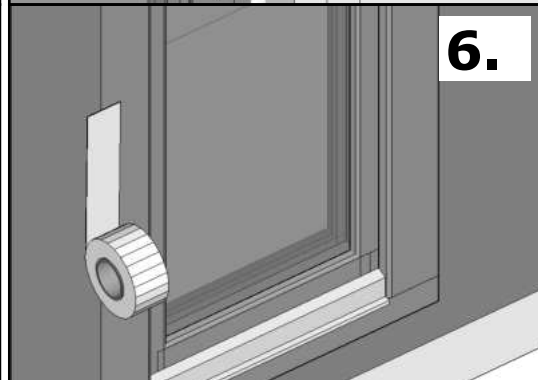
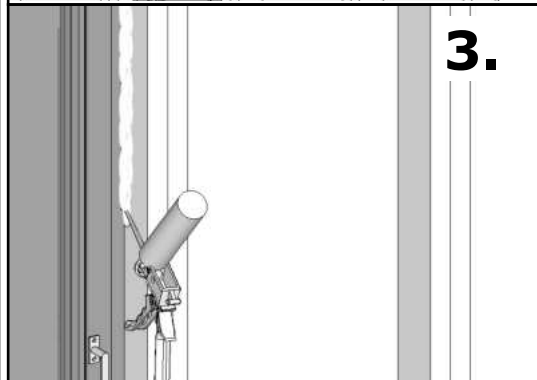
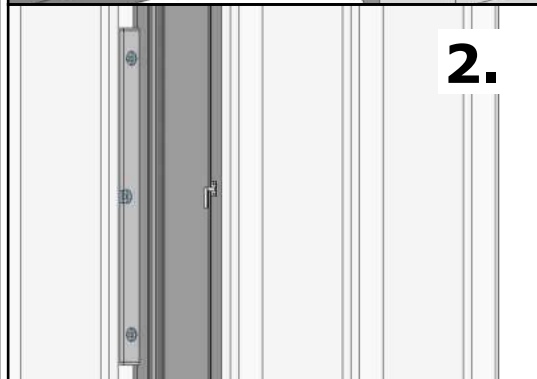
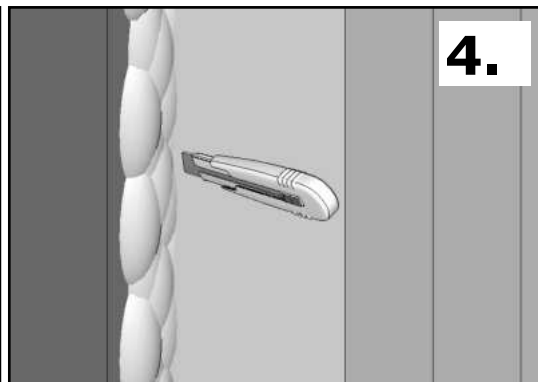
Cut to size, install and fasten the cladding corner laths LE2.



46.

Pos	Profile	Pcs
IV68-15		3
window wedges		

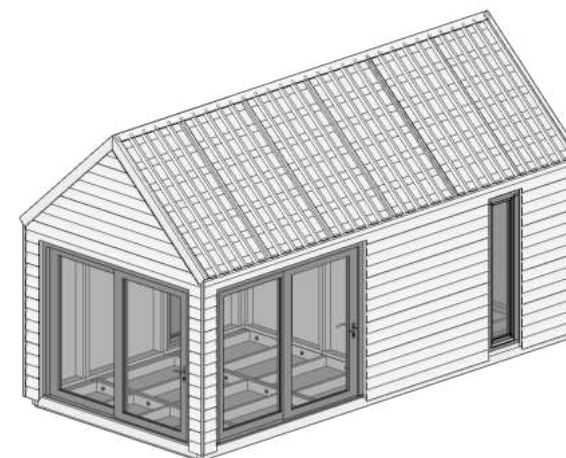
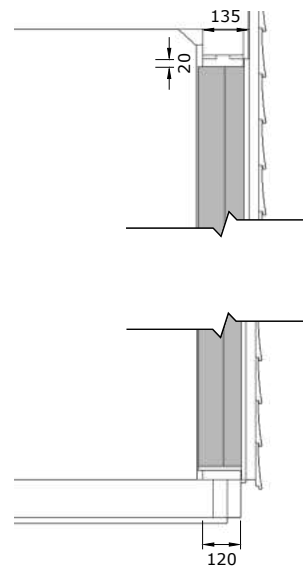
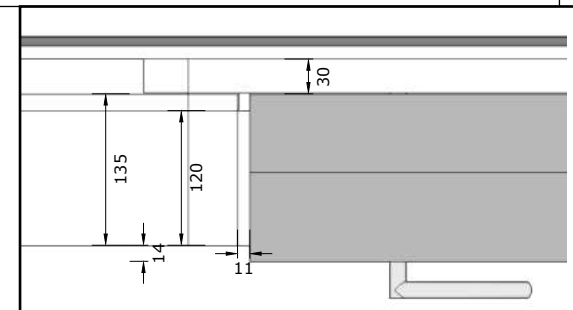
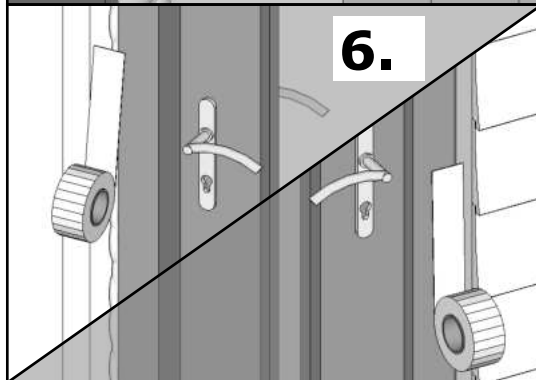
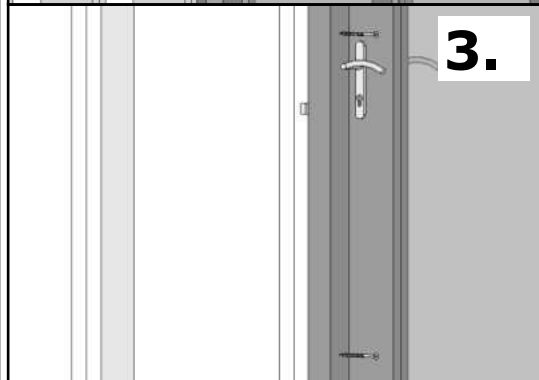
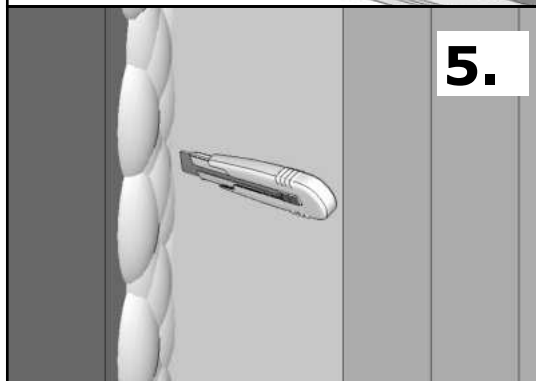
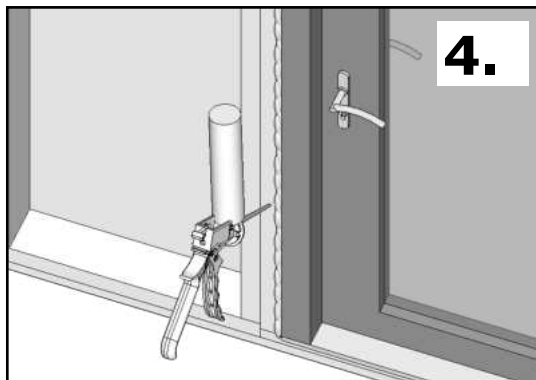
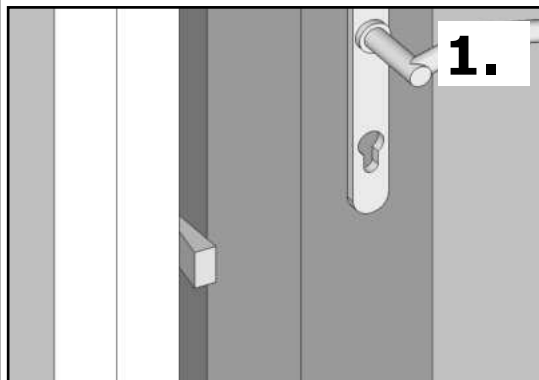
Install, fix and insulate windows. 1. fix with window wedges. 2. check that the window is level. 3. install gunfoam in the gaps. 4. cut off the excess dried foam. 5. tape off the window gap from the inside. 6. cut the wind barrier left on the overlay and tape it to the window frame. If the building has a roof window, follow the installation instructions for the roof window.



47.

Pos	Profile	Pcs
INOWA		2
Door wedges		
6x140		6

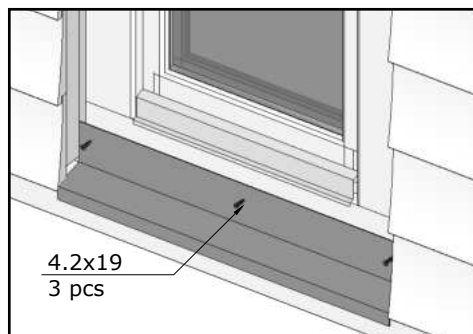
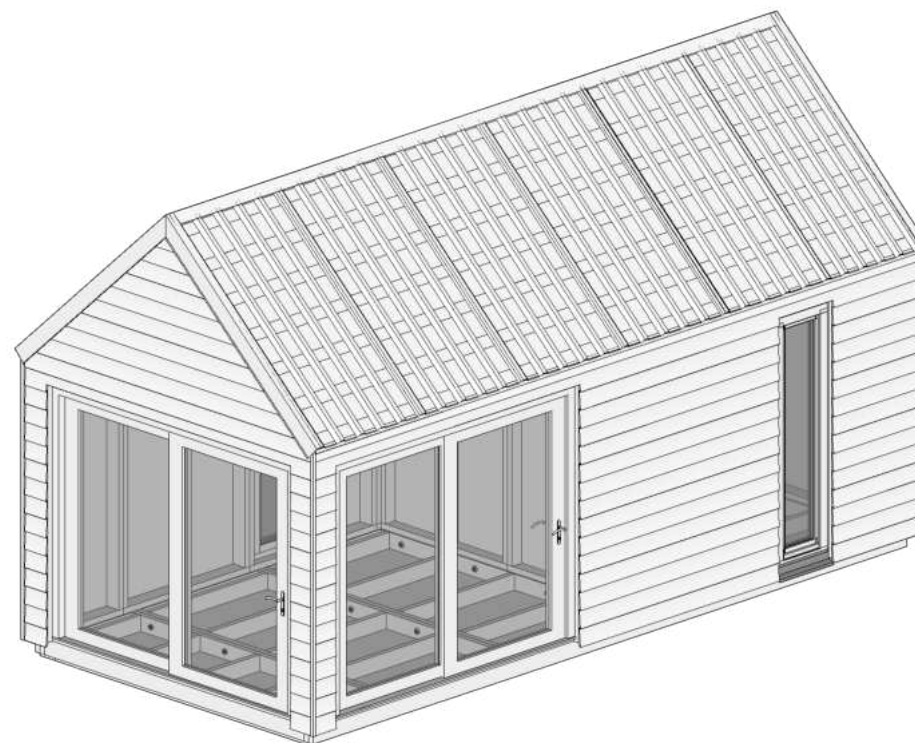
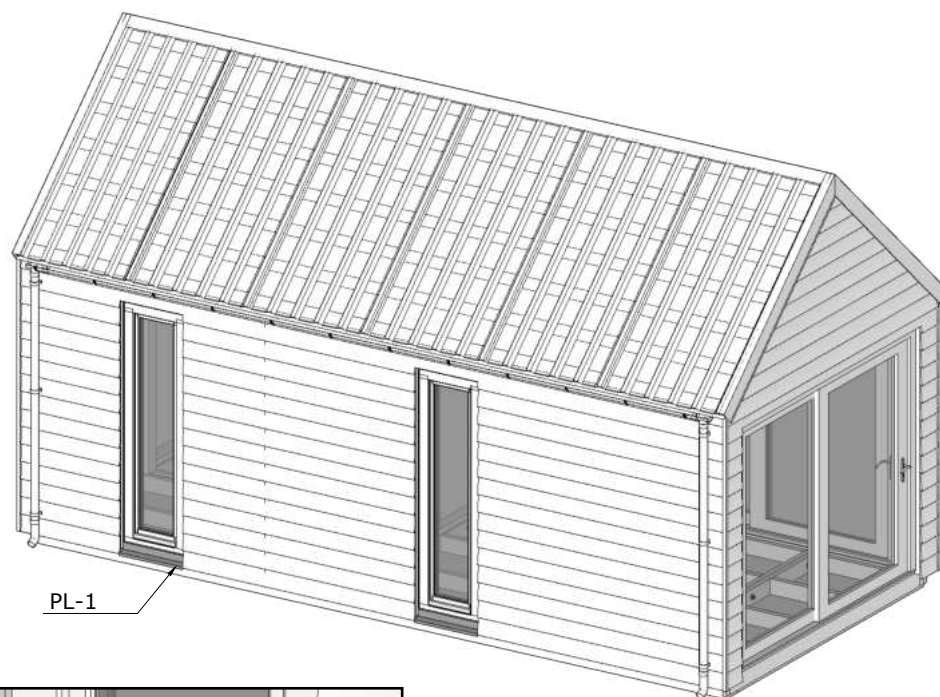
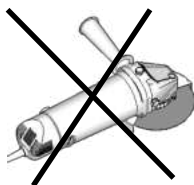
Install, fix and insulate sliding doors. 1. fix with door wedges. 2. check that the door is level. 3. fasten doors with 4. install gunfoam in the gaps. 5. cut off the excess dried foam. 6. tape off the door gap from the inside and cut the wind barrier left on the overlay and tape it to the door frame.



48.

Pos	Profile	Pcs
PL-1		3
4.2x19		9

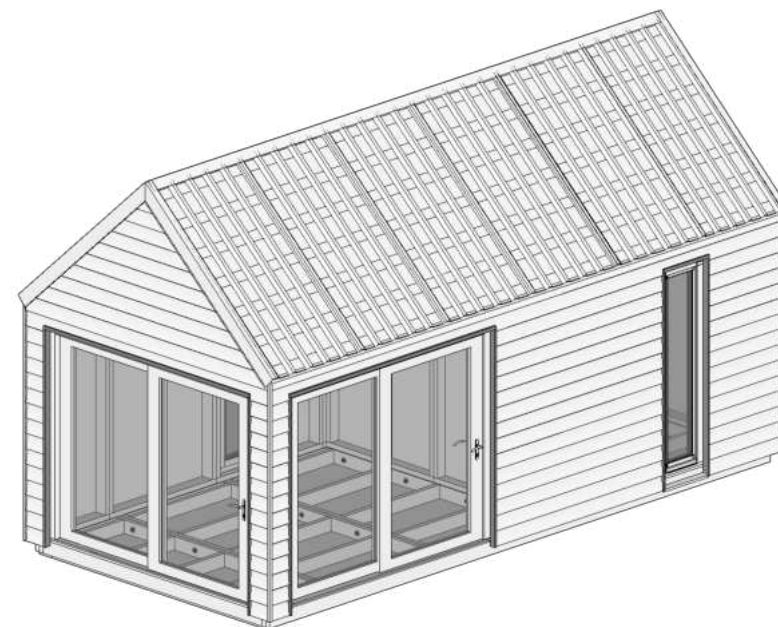
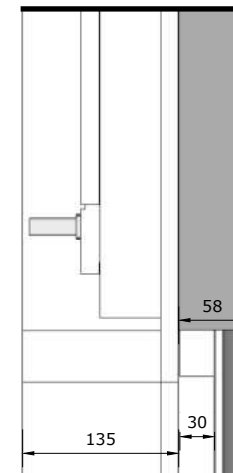
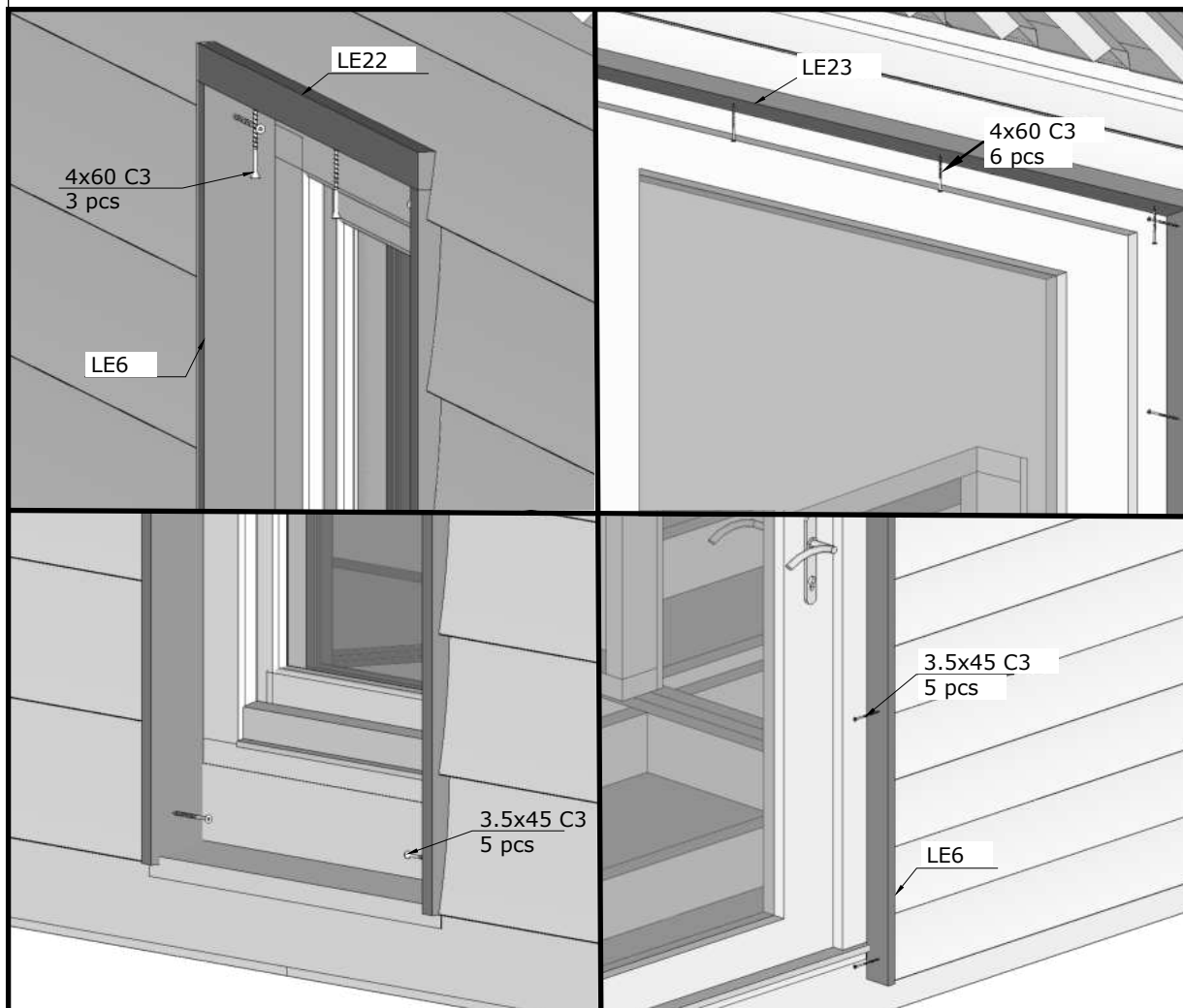
Install and fasten the bottom window metal sheets. If necessary, the sheets can be cut to length. For better rain protection use silicone in between window and bottom metal sheet.



49.

Pos	Profile	Pcs
LE22	58x28	3
LE23	58x28	2
LE6	58x18	10
3.5x45 C3		50
4x60 C3		21

Install and fasten window and door exterior trim moldings LExx. If necessary, cut the laths to size.



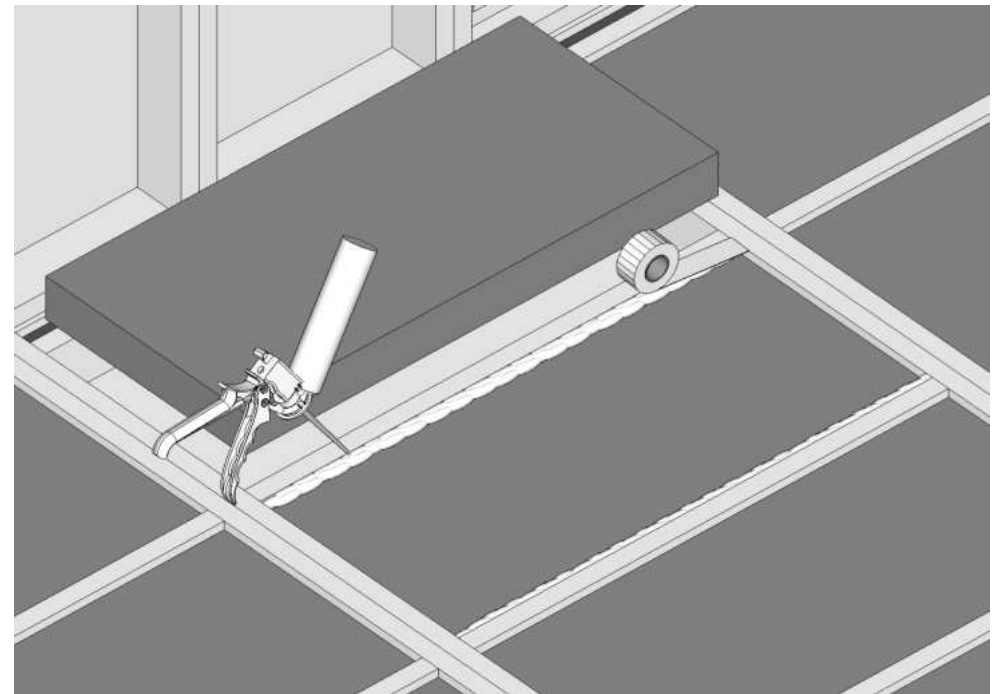
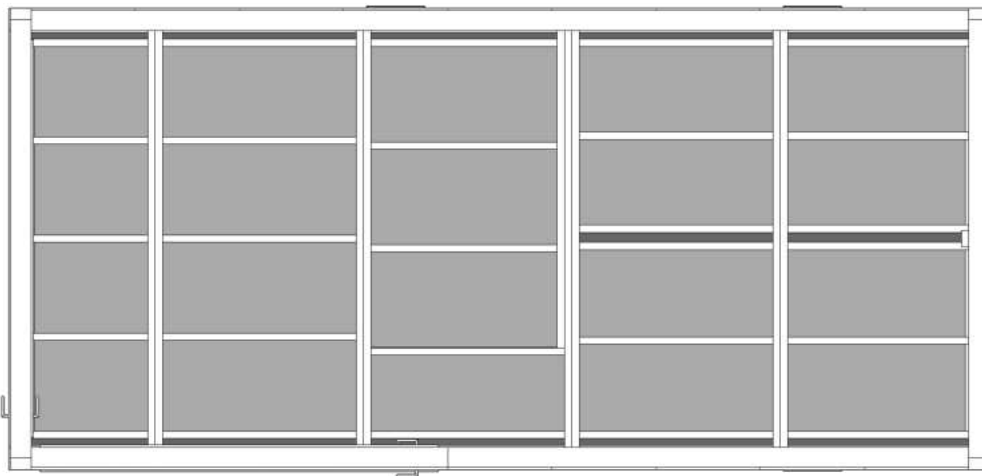
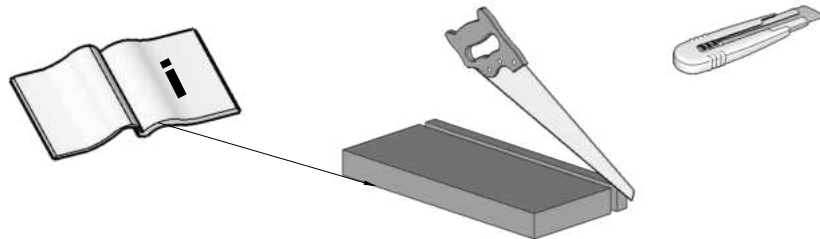
50.

Pos		Pcs
100mm SPU AL	Floor insulation*	
	Aluminium tape	

* Insulation is included if it is opted for building.

Install the insulation material according to the manufacturer's installation instructions!

Cut the floor insulation material to size and install it. Use gunfoam and aluminium tape to seal the gaps between wood and insulation.

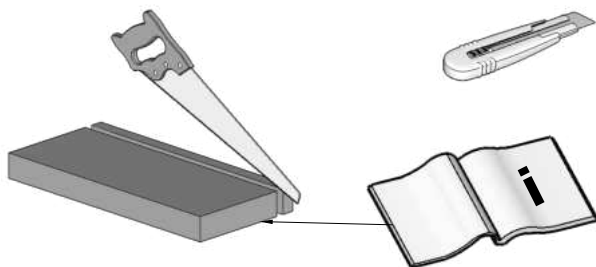


51.

Pos		Pcs
120mm SPU AL	Wall insulation*	
	Aluminium tape	

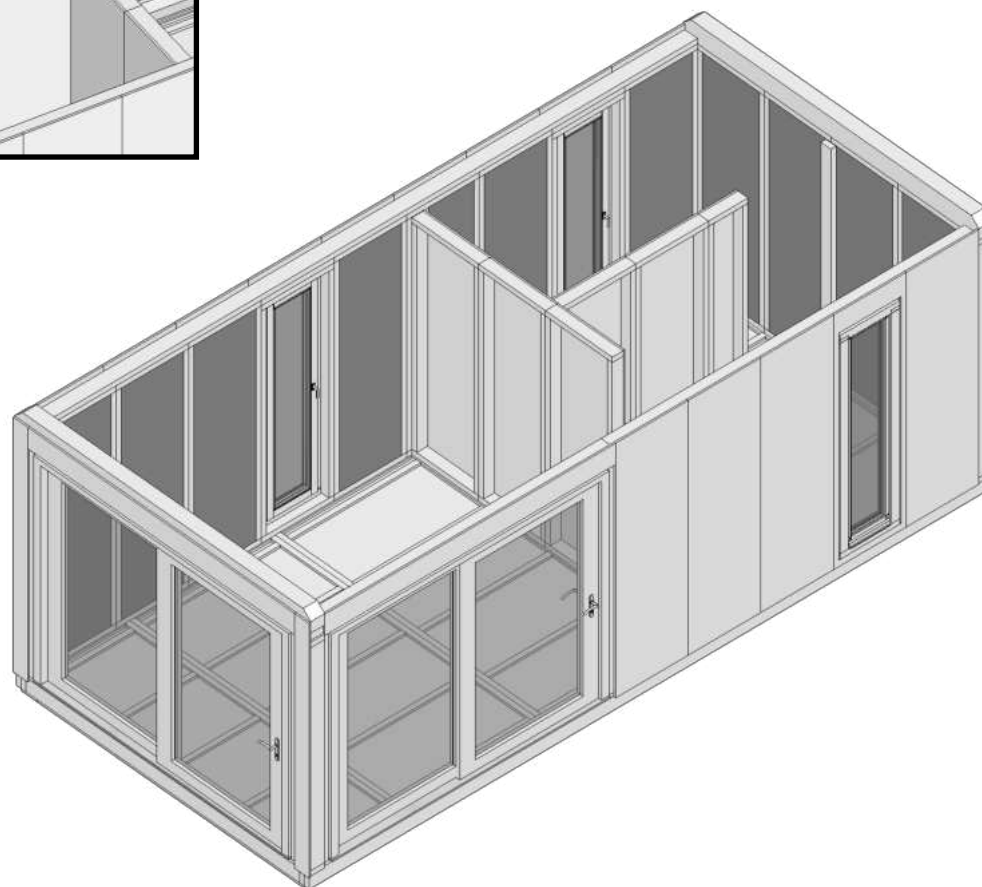
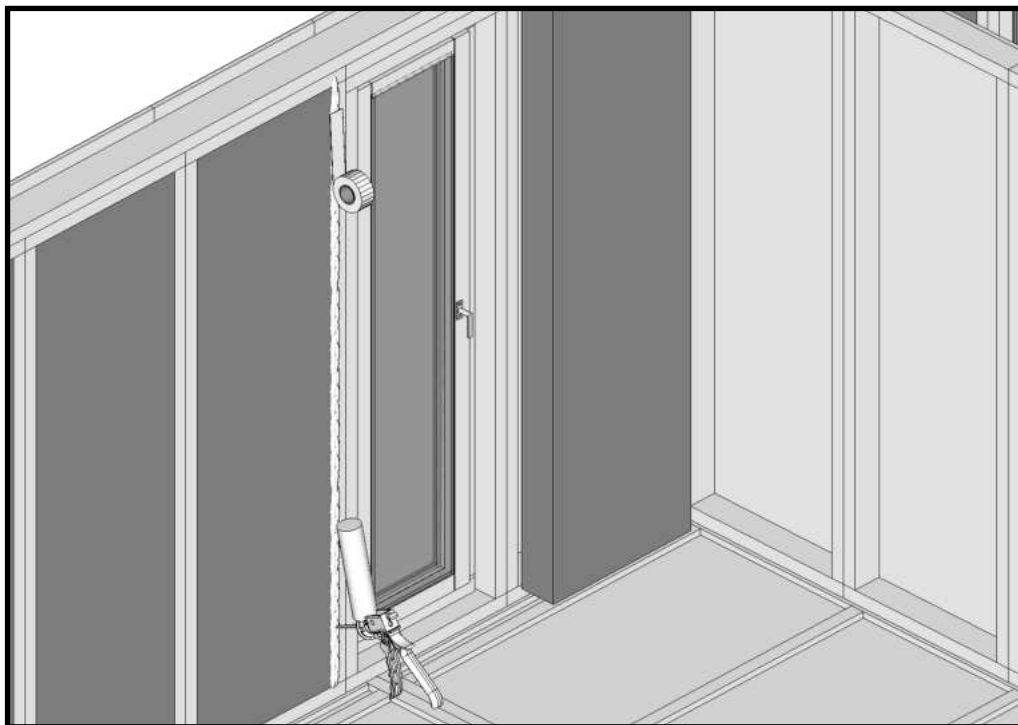
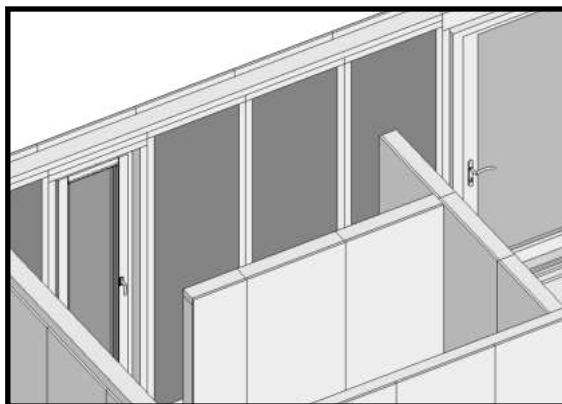
* Insulation is included if it is opted for building.

Inner wall insulation not included in insulation package



Install the insulation material according to the manufacturer's installation instructions!

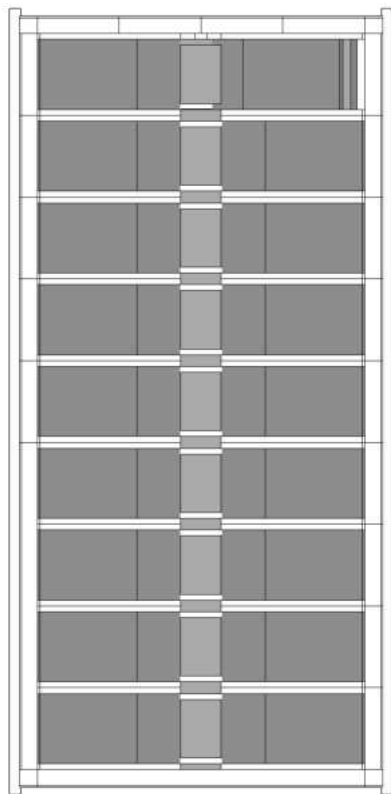
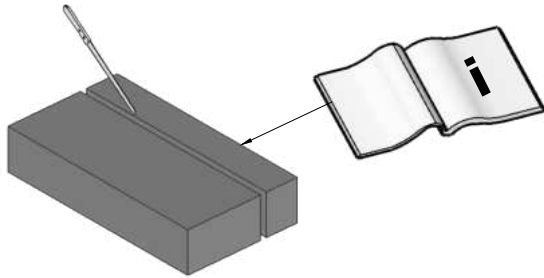
Cut the wall insulation material to size and install it. Use gunfoam and aluminum tape to seal the gaps between wood and insulation.



52.

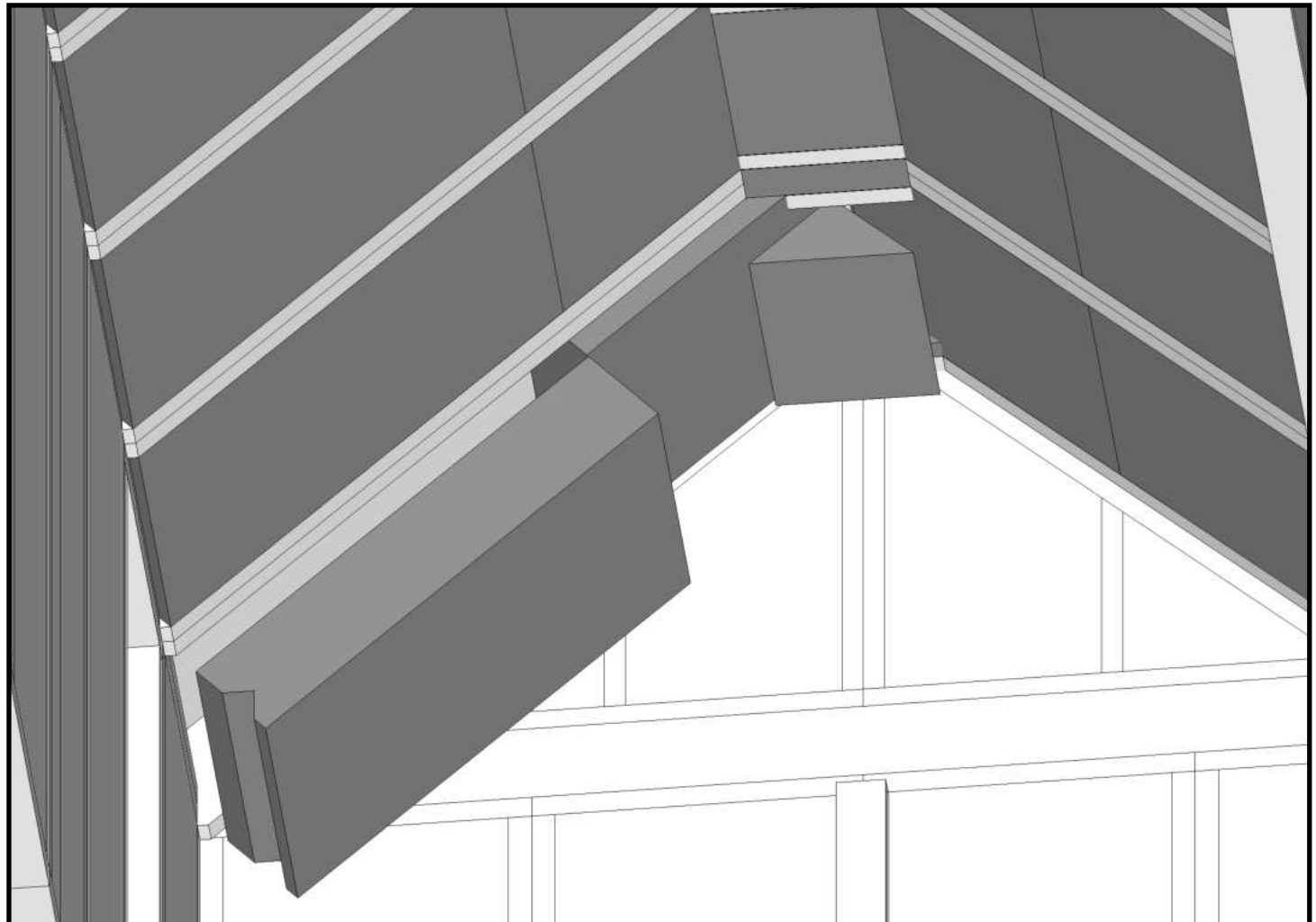
Pos	Profile	Pcs
200mm Rockwool	Roof insulation*	

* Insulation is included if it is opted for building.



Install the insulation material according to the manufacturer's installation instructions!

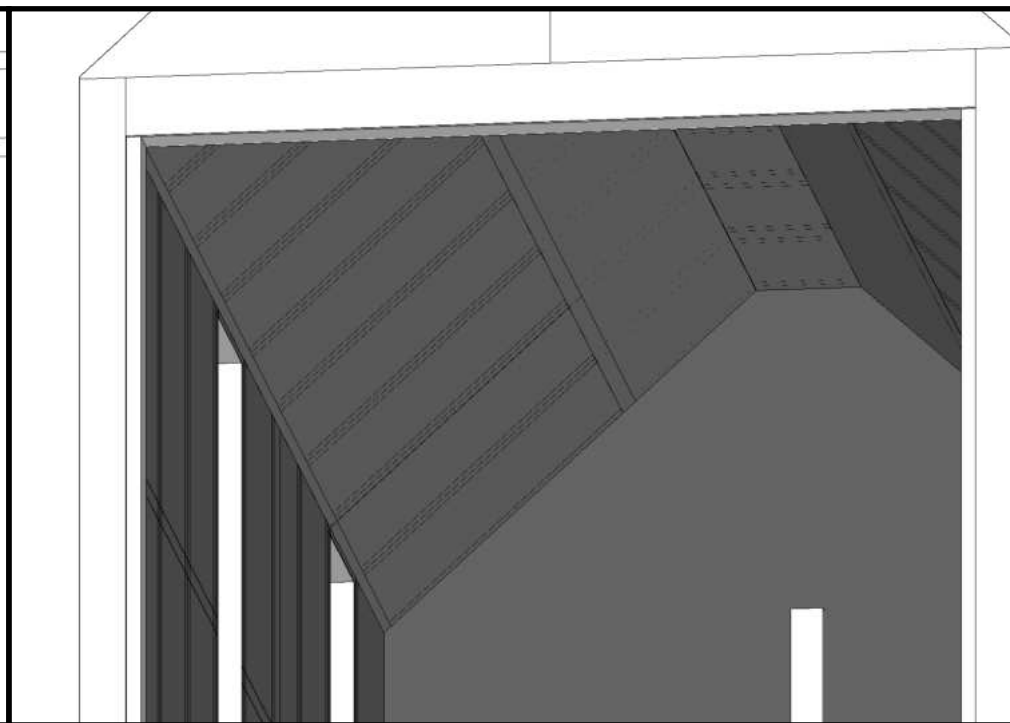
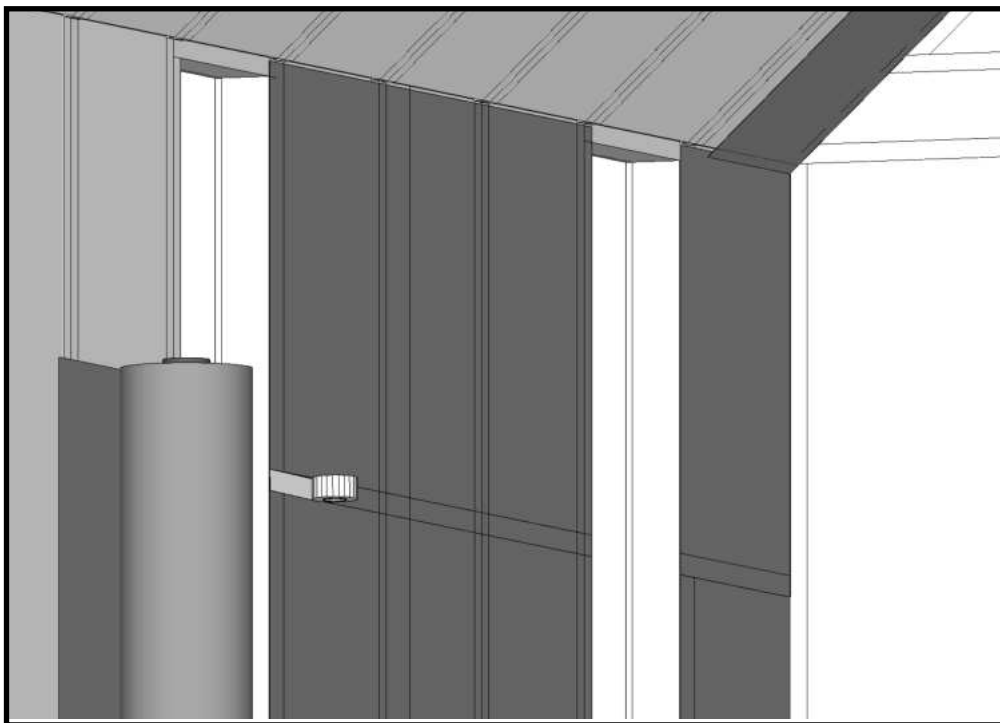
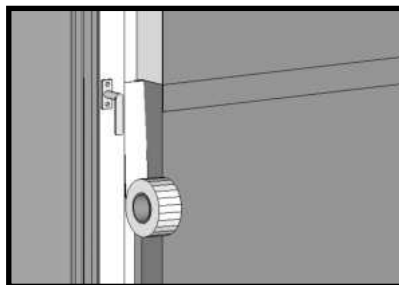
Cut the roof insulation material to size and install it. Leave no gaps between insulation and wood.



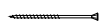
53.

Pos	Profile	Pcs
Vapor barrier		
Tape		

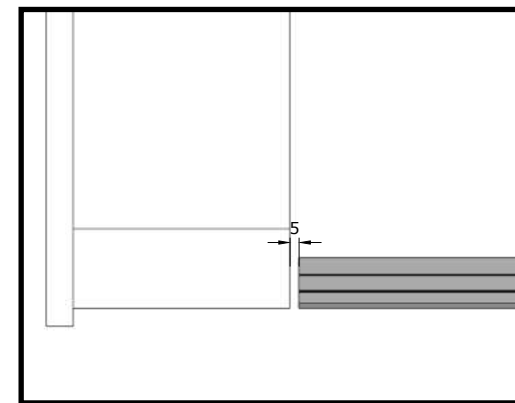
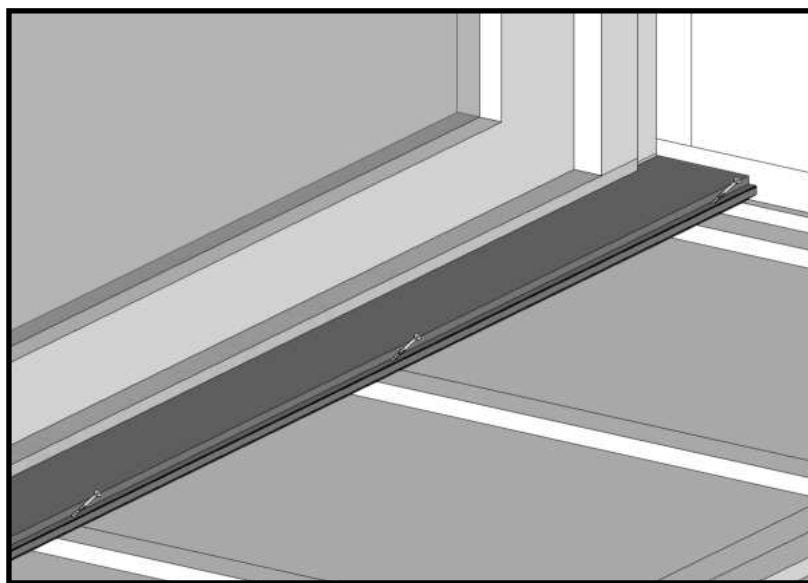
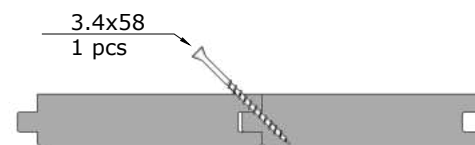
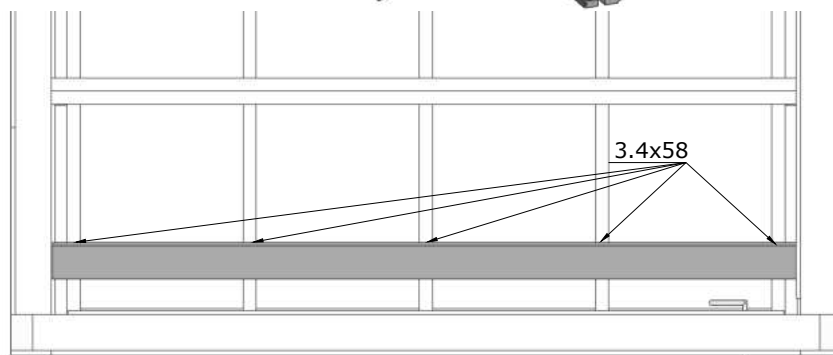
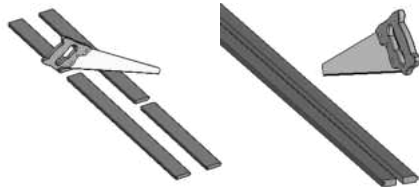
Install vapor barrier throughout the exterior side walls. Overlap of at least 50mm. Tape the continuation places. Vapor barrier can be taped to window and door frames. If the building has a roof window then cut vapor barrier and tape to roof window frame. Be especially careful when installing a vapor barrier on the ceiling. The vapor barrier must not be damaged!



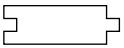
54.

Pos	Profile	Pcs
Floor boards		
3.4x58		300

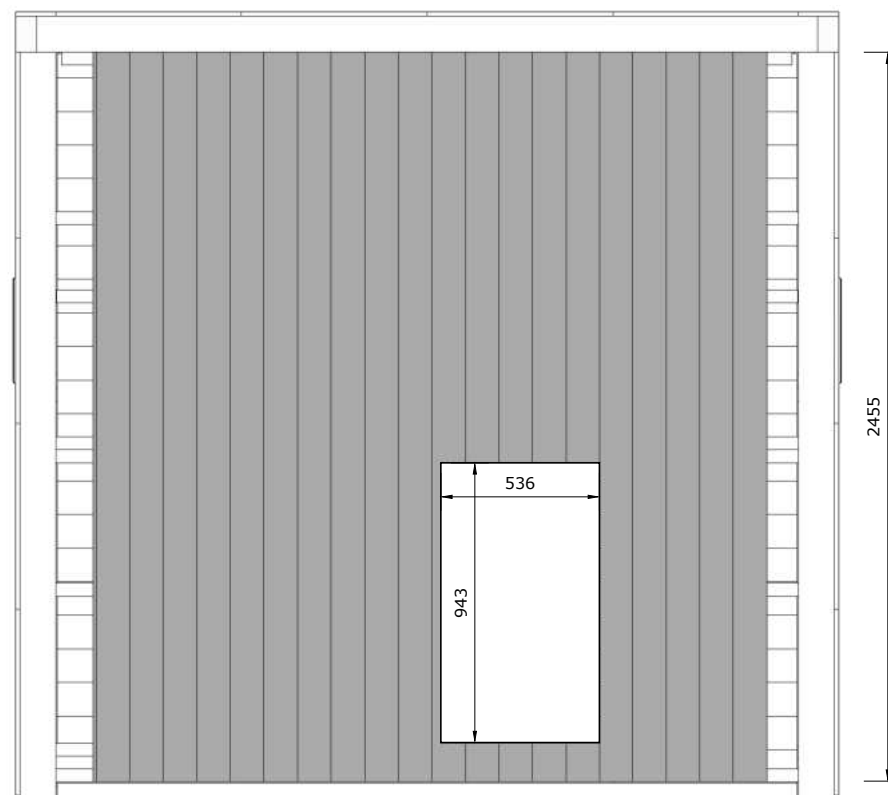
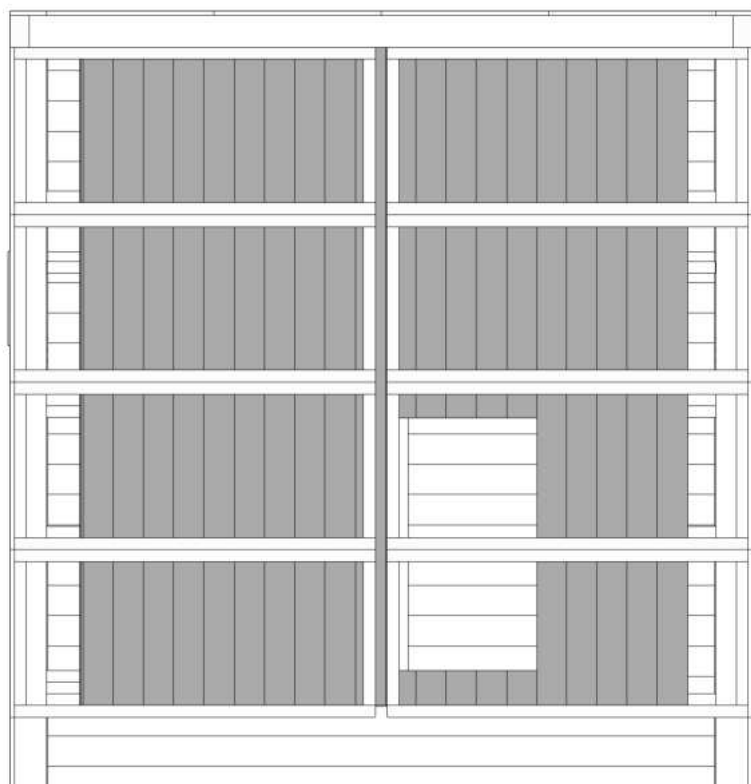
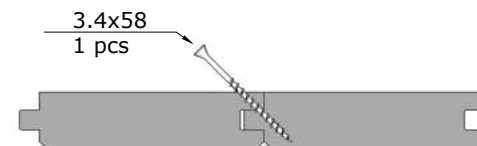
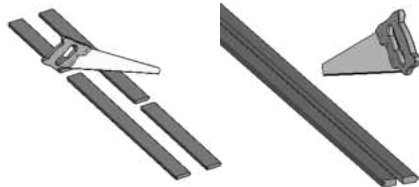
Cut to size, install and fasten the floor boards. Leave the boards 5mm from the wall. Fasten the boards with one screw into the beam of each floor element.



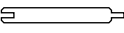
55.

Pos	Profile	Pcs
Sleeping floor boards		
3.4x58		120

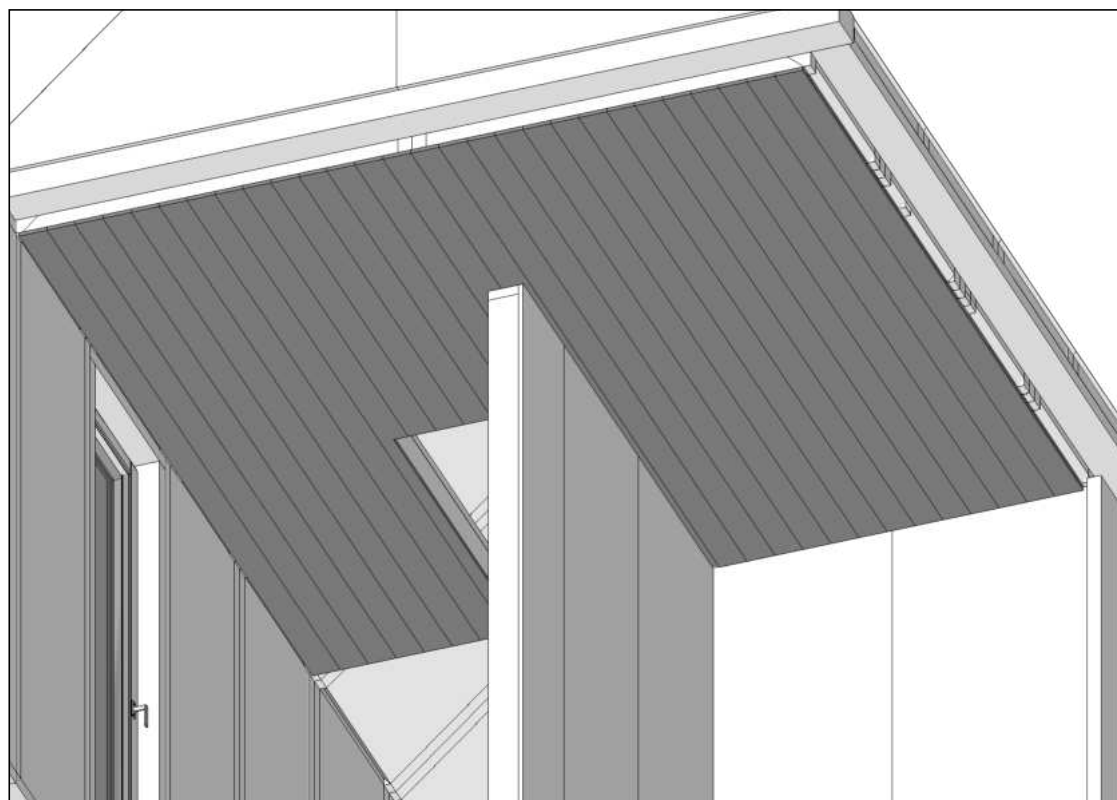
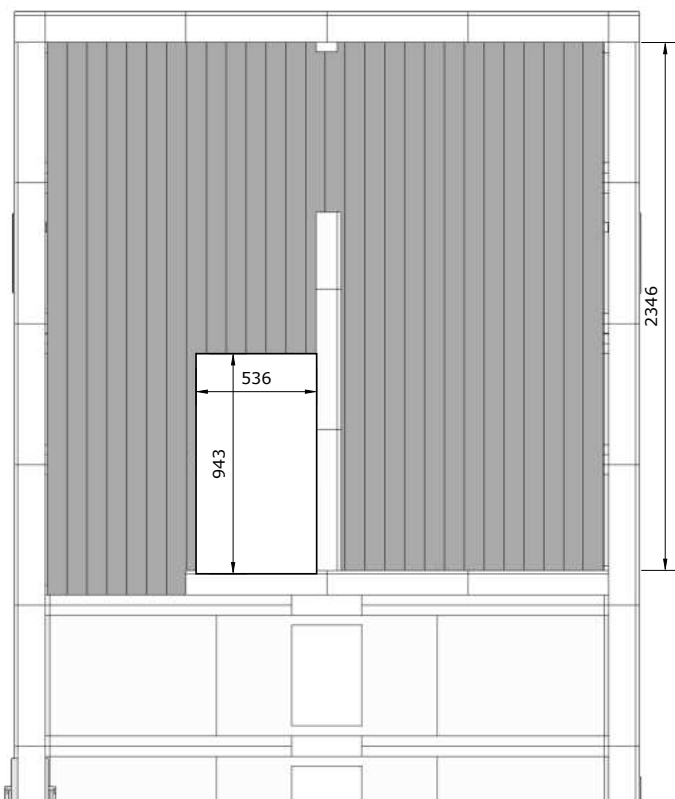
Cut to size, install and fasten the sleeping floor boards. Leave the boards 5mm from the wall. Cut out for sleeping floor passage opening must be 536x943mm. Fasten the boards with one screw into the beam of each floor element.



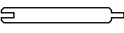
56.

Pos	Profile	Pcs
Inside cladding		
Nails not included		

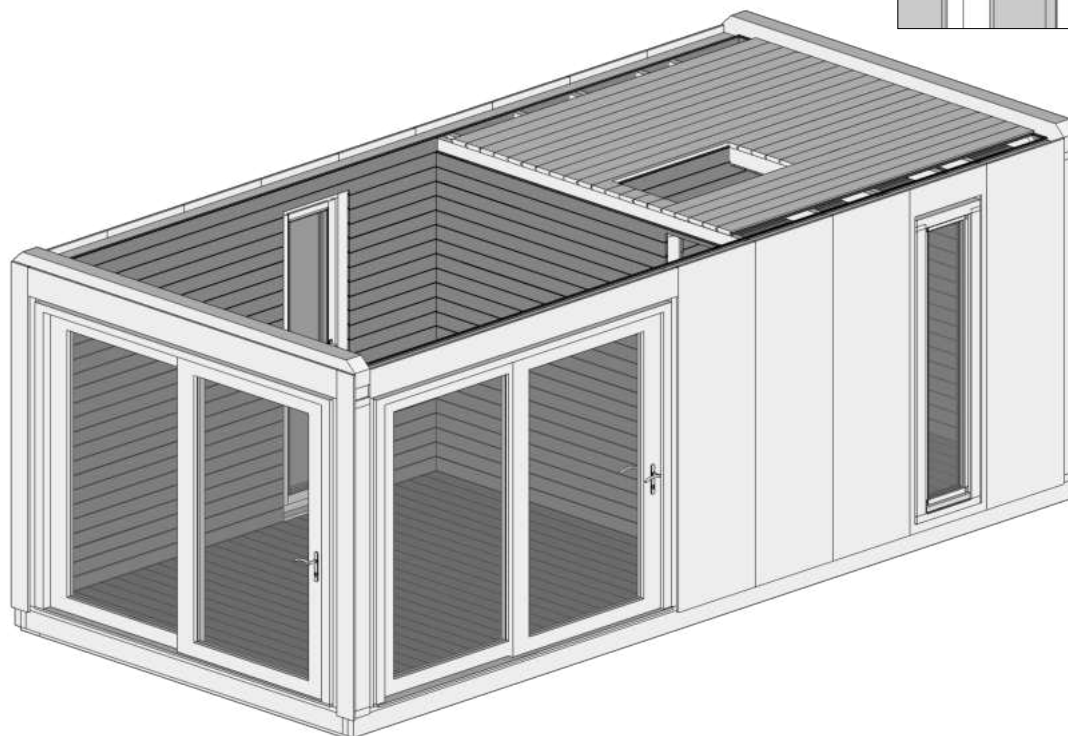
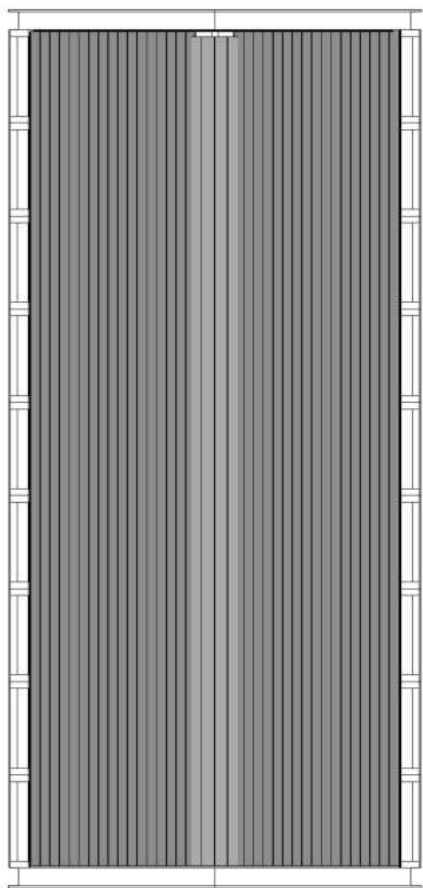
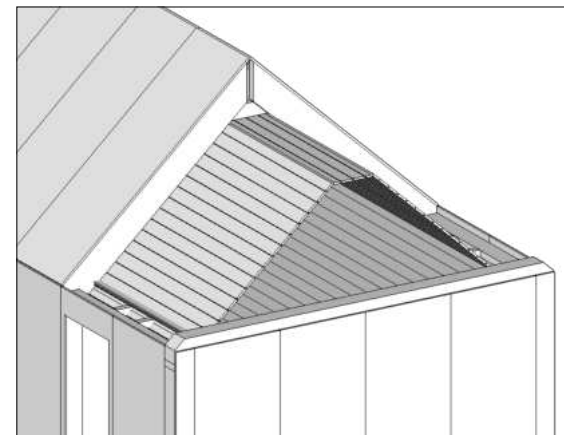
Install and fasten the ceiling boards. Cut out for sleeping floor passage opening must be 536x943mm. Use a lath nail gun or lathing stapler for fastening. Nails are not included! Fastening with screws can damage the boards.



57.

Pos	Profile	Pcs
Inside cladding		
Nails not included		

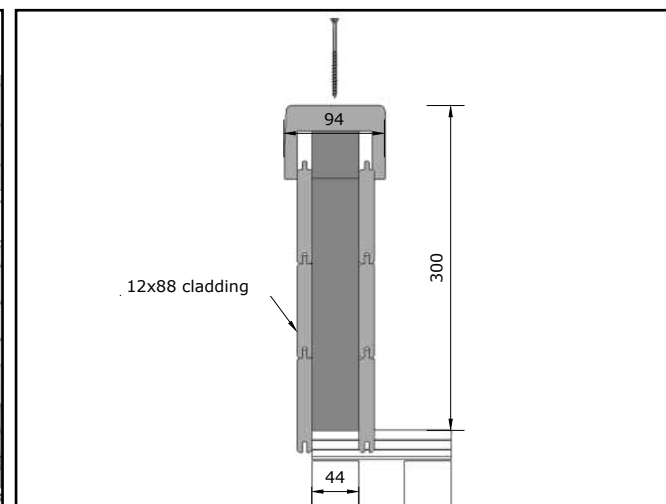
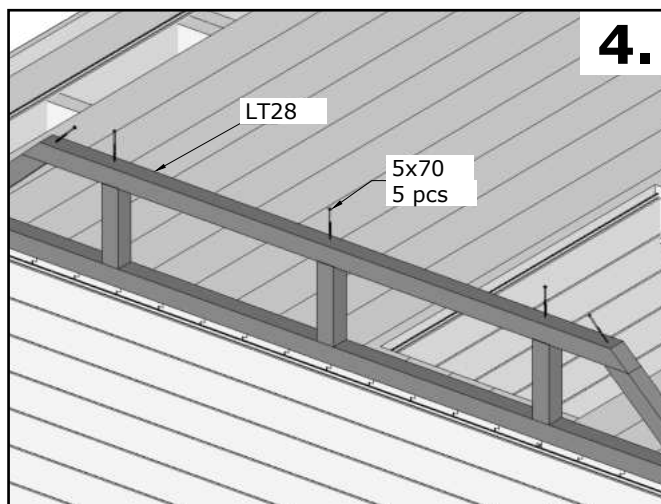
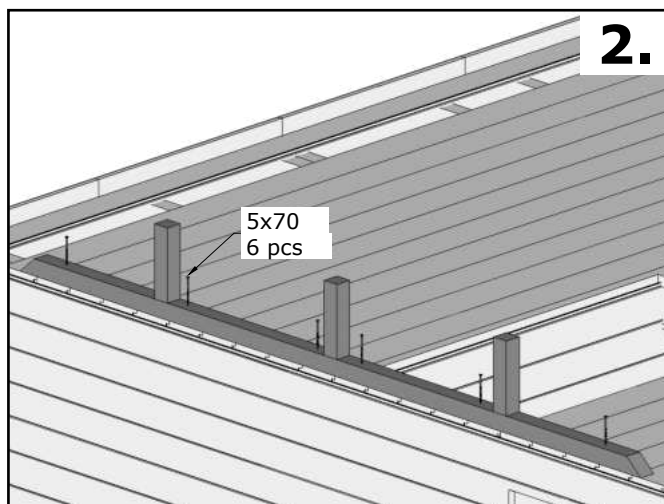
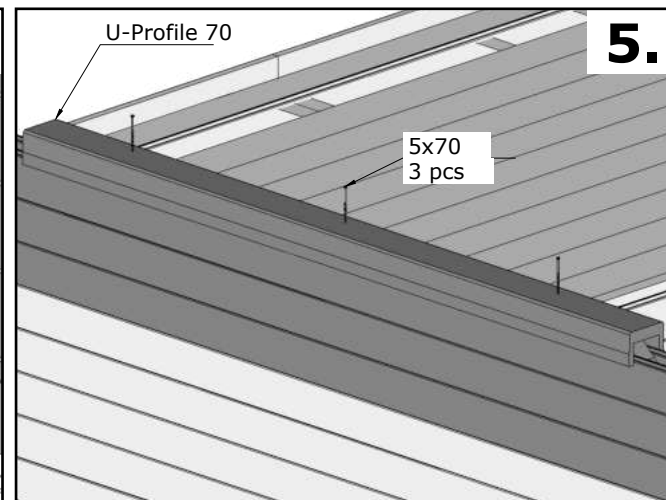
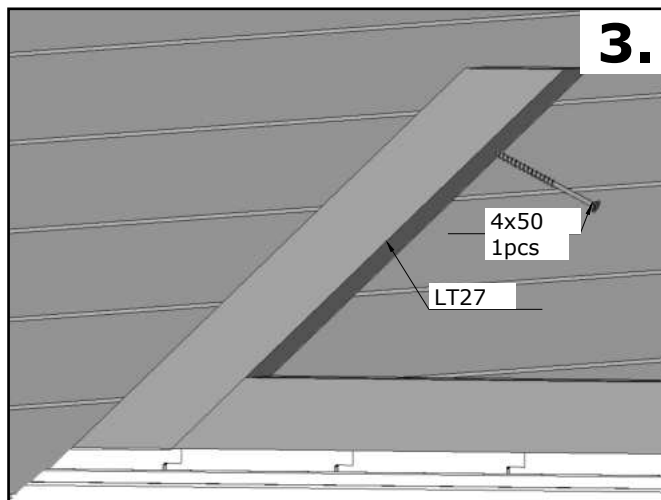
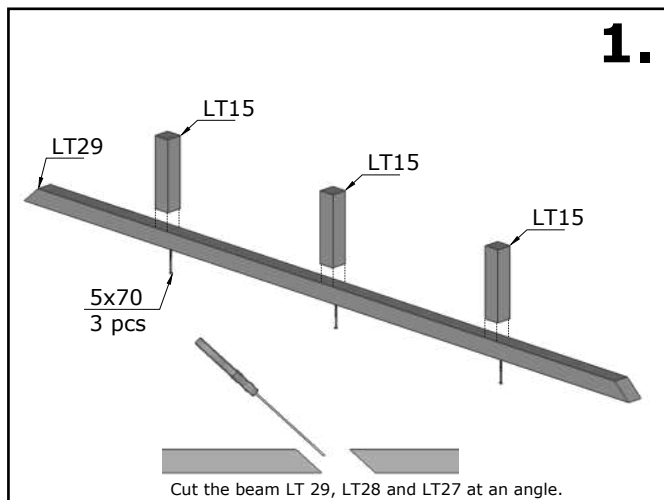
Install and fasten the ceiling boards. Use a lath nail gun or lathing stapler for fastening. Nails are not included!
Fastening with screws can damage the boards.



58.

Pos	Profile	Pcs
LT29	44x44	1
LT28	44x44	1
LT27	44x44	2
LT15	44x44	3
Cladding		
U-Profile		
5x70		17
4x50		2

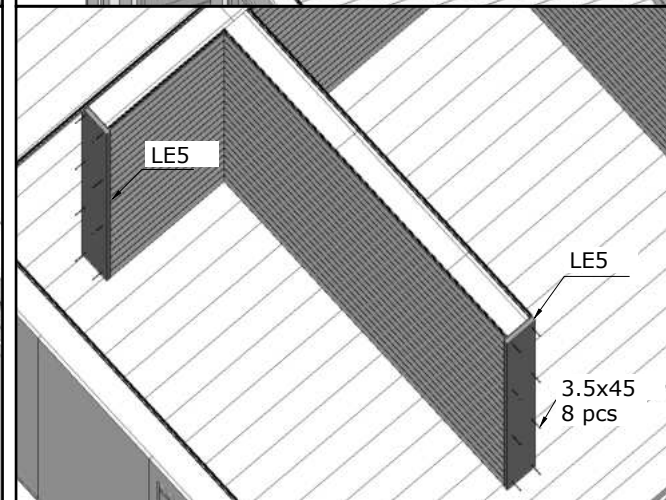
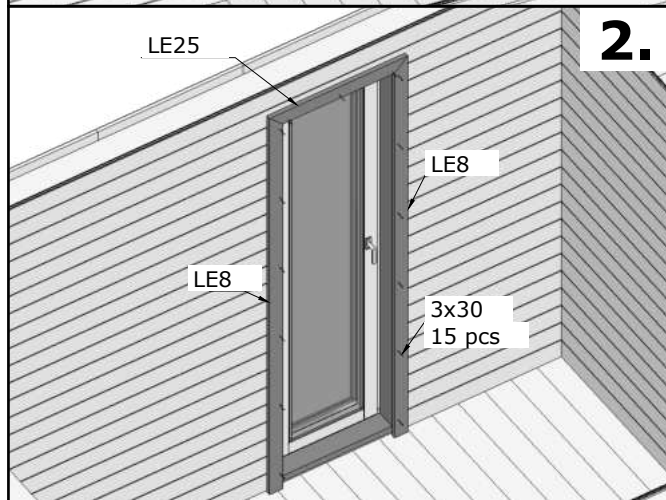
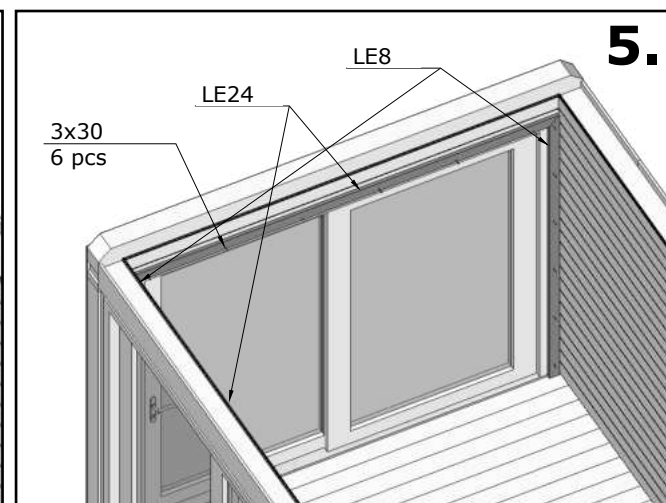
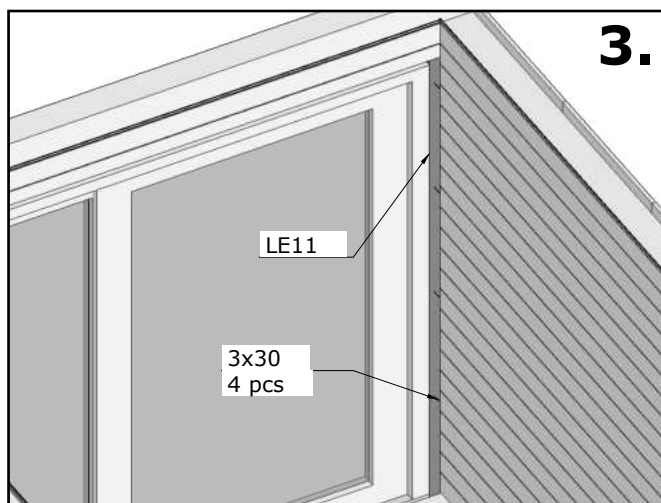
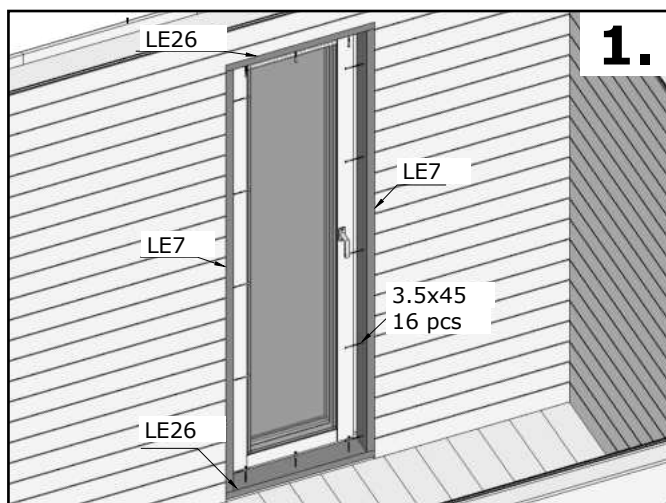
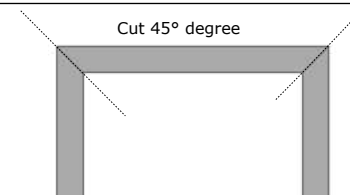
Build, install and fasten border. The details need to be cut to size.



59.

Pos	Profile	Pcs
LE7	28x80	6
LE8	58x18	10
LE11	45x12	3
LE5	145x18	2
LE24	58x18	2
LE25	58x18	3
LE26	28x80	6
3x30		93
3.5x45 C3		64

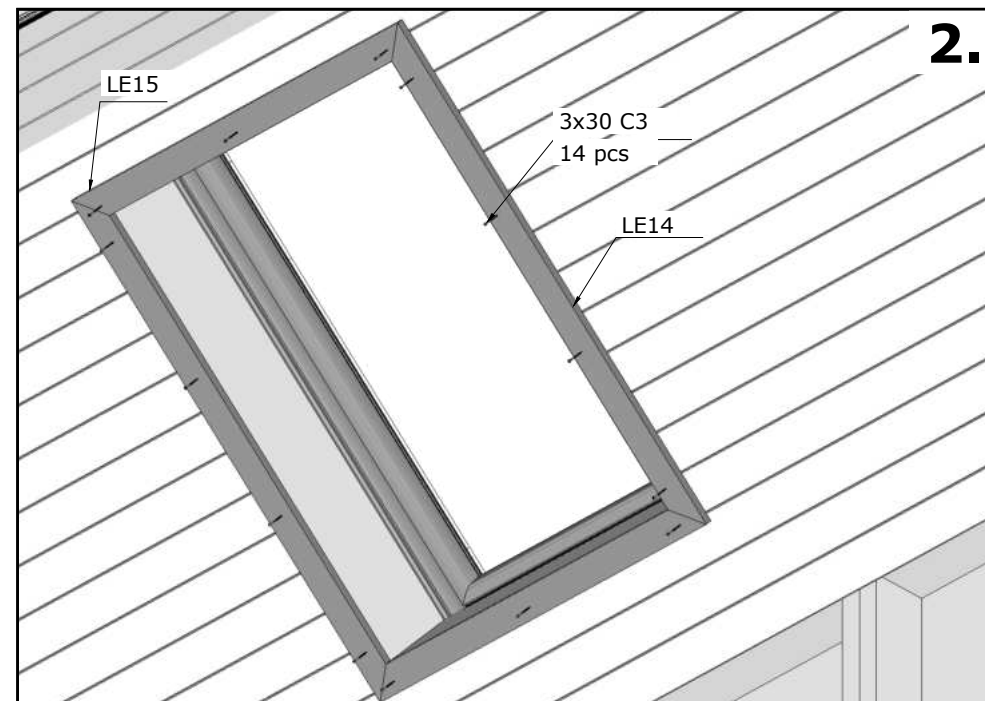
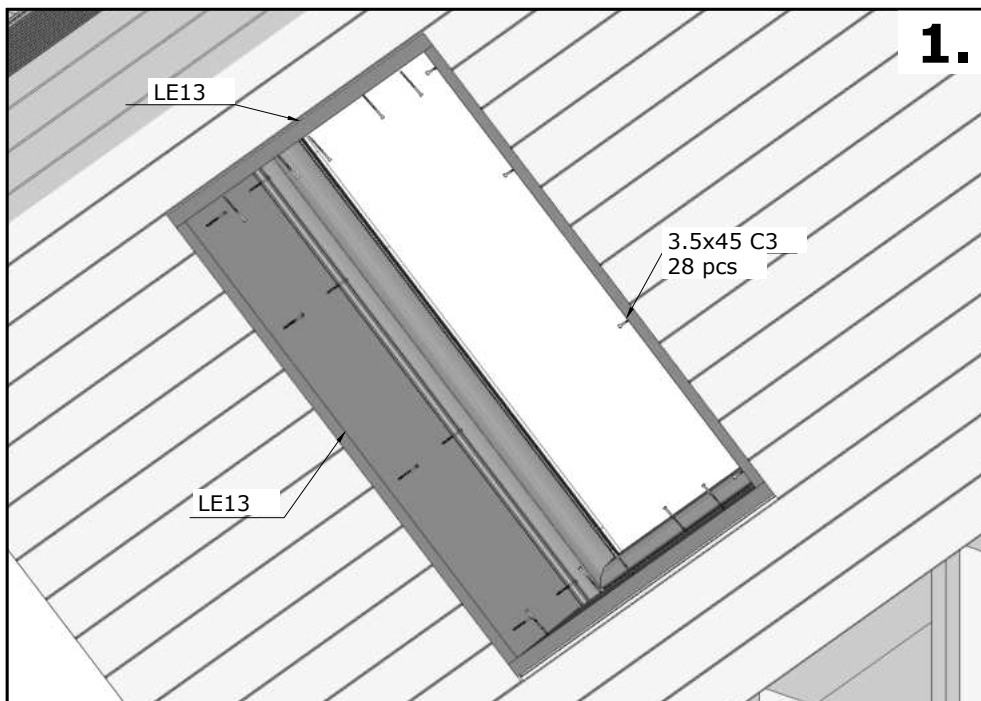
Install and fasten interior laths and window laths. Cut laths to size. LE8, LE25, LE24 should be cut to 45° degree.



60.

Pos	Profile	Pcs
LE13	28x280	4
LE14	58x18	2
LE15	58x18	2
3x30 C3		14
3.5x45 C3		28

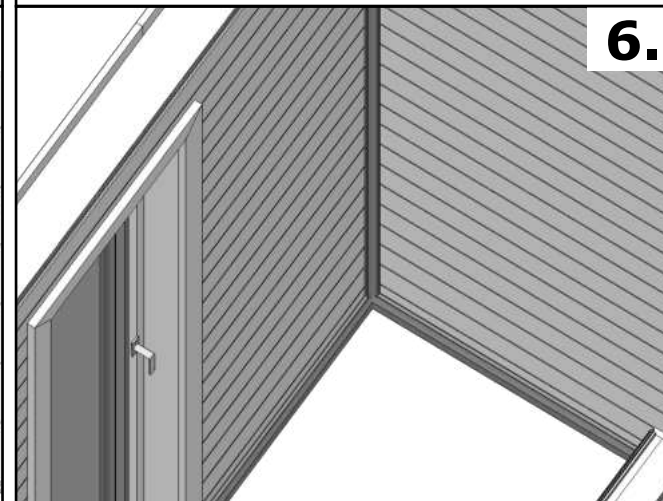
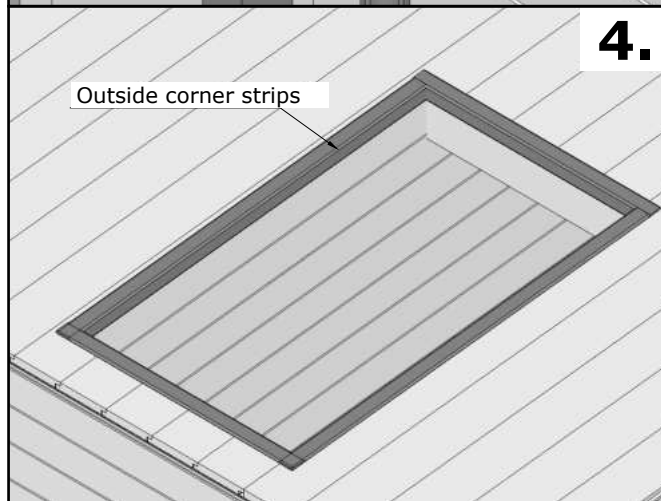
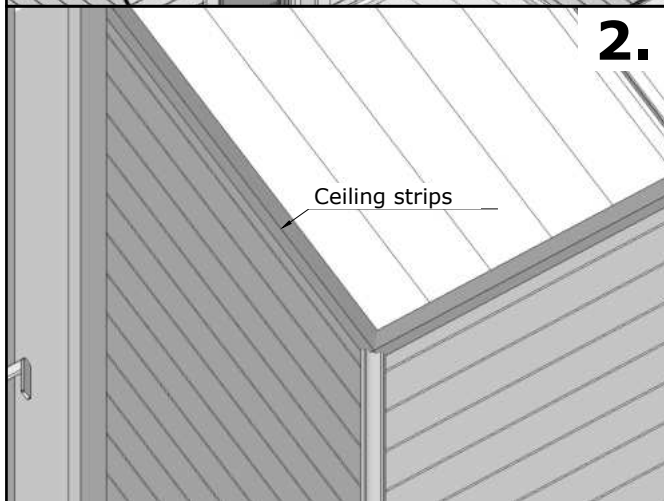
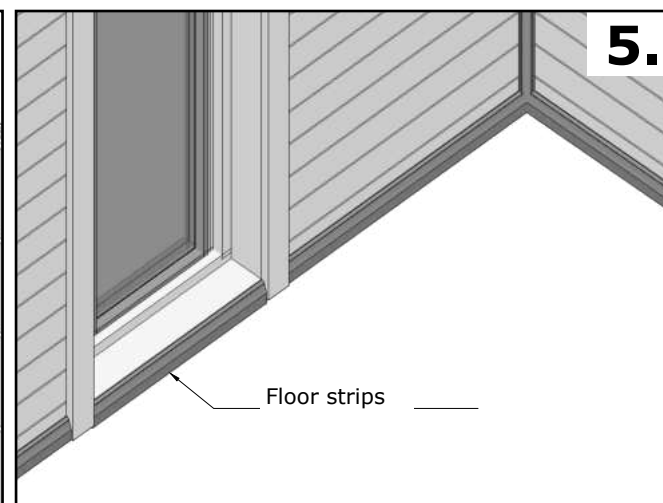
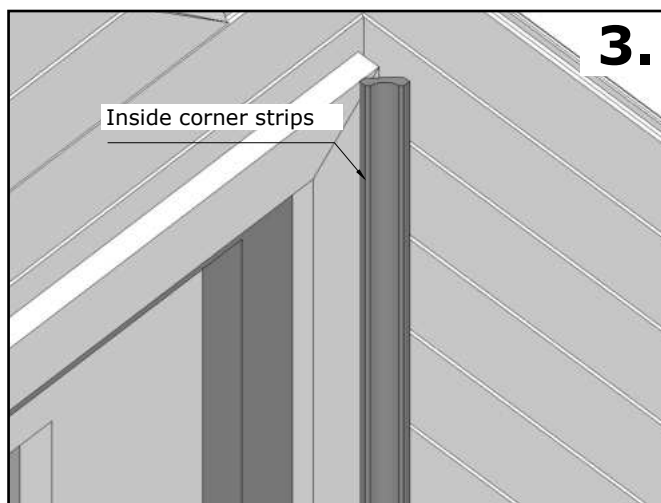
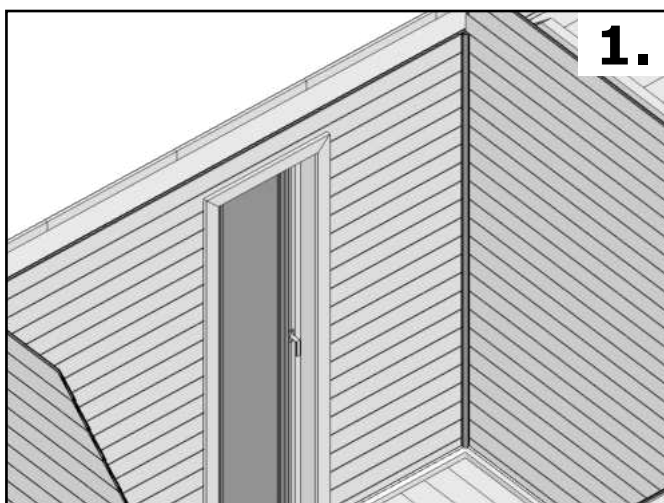
If the building has a roof window, then install and fasten the laths for the roof window cover. Cut to size if necessary.



61.

Pos	Profile	Pcs
Inside corner strips		
Outside corner strips		
Floor strips		
Ceiling strips		
Nails not included		

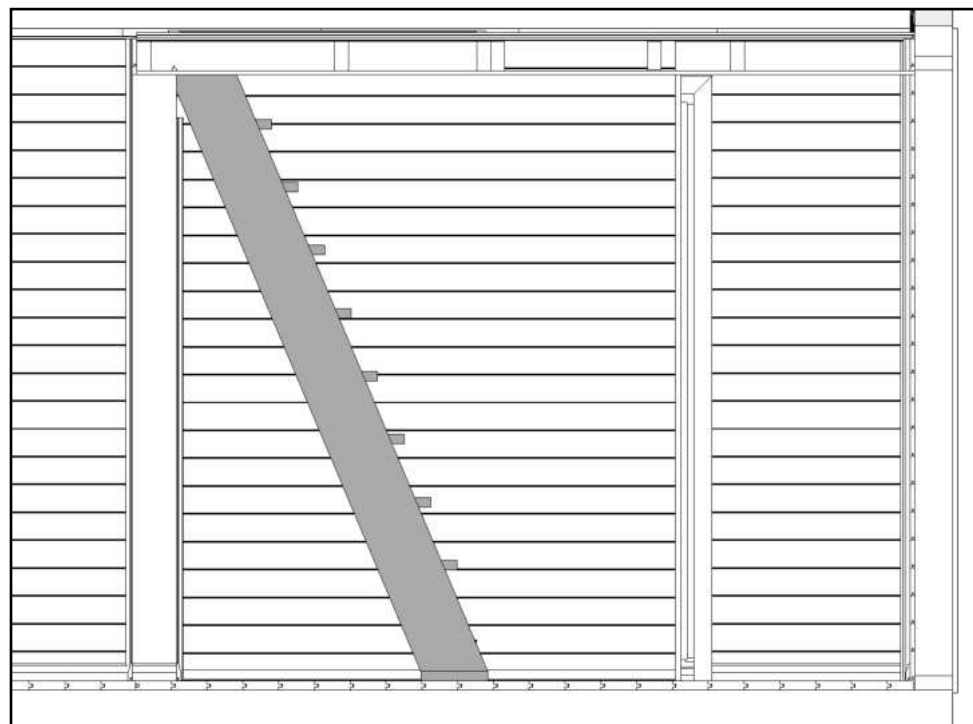
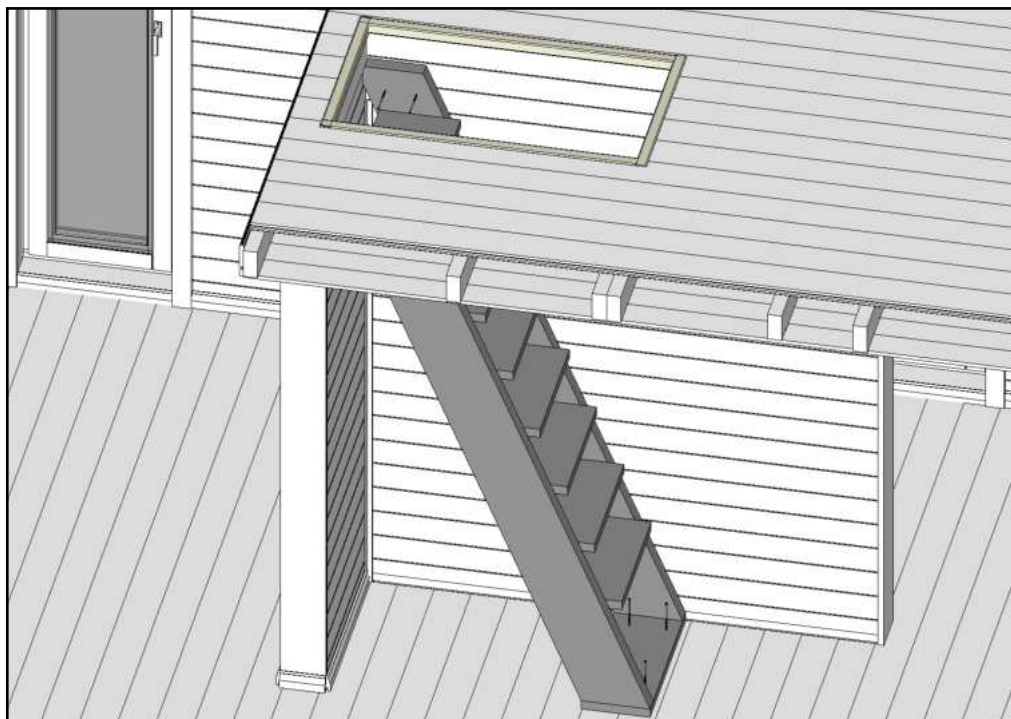
Cut to size, install and fasten corner, floor and ceiling strips. Use a lath nail gun or lathing stapler for fastening. Nails are not included!
Fastening with screws can damage the strips.



62.

Pos	Profile	Pcs
Ladder		
5x90 C3		6

Install and if necessary fasten the ladder.



63.

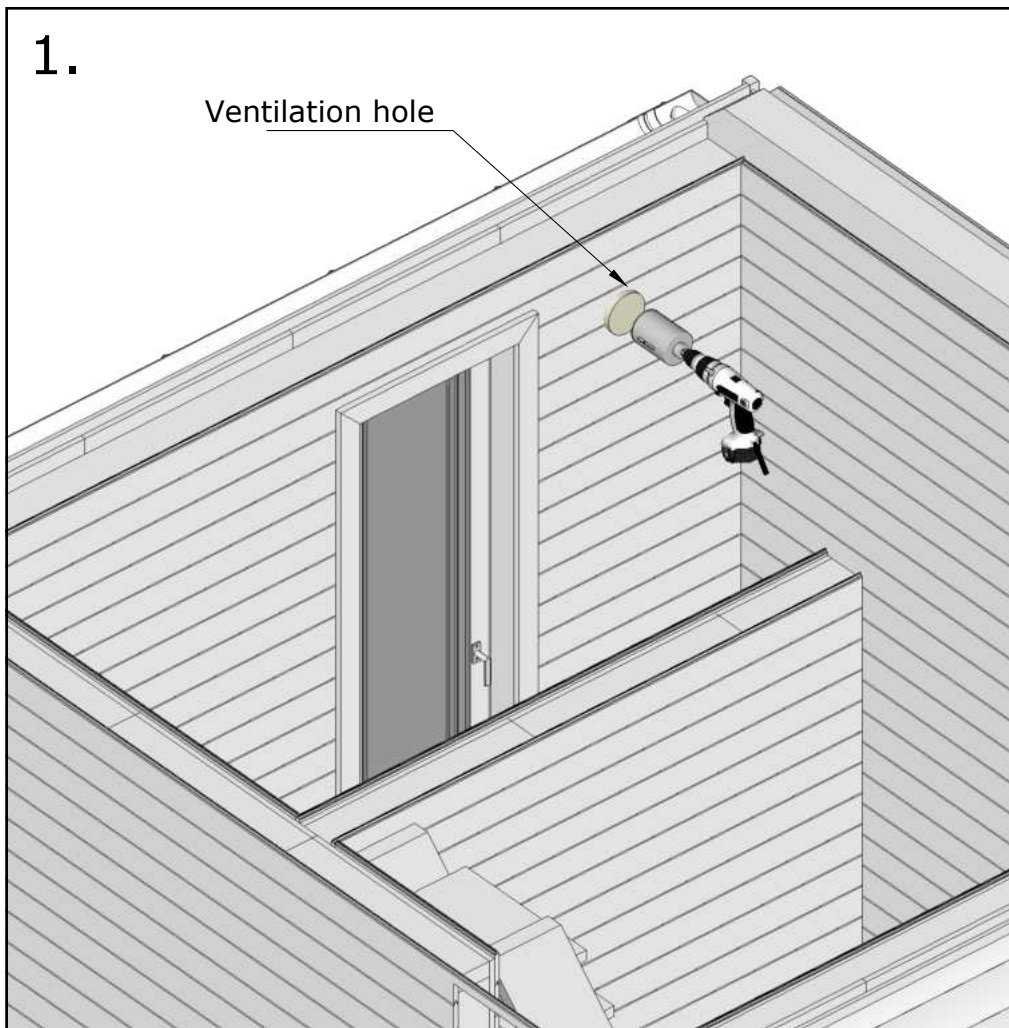
Pos	Profile	Pcs



When the building is ready, ventilation devices must be installed on the outer wall of the building so that excess moisture can escape from the building. 1. If there is a bathroom(wet room) in the building, a ventilation device must be installed there. 2. If the building does not have a bathroom, it is enough to install a ventilation device on only one wall. A uniform temperature and uniform humidity must be maintained in the building to prevent mold and extend the life of the building.

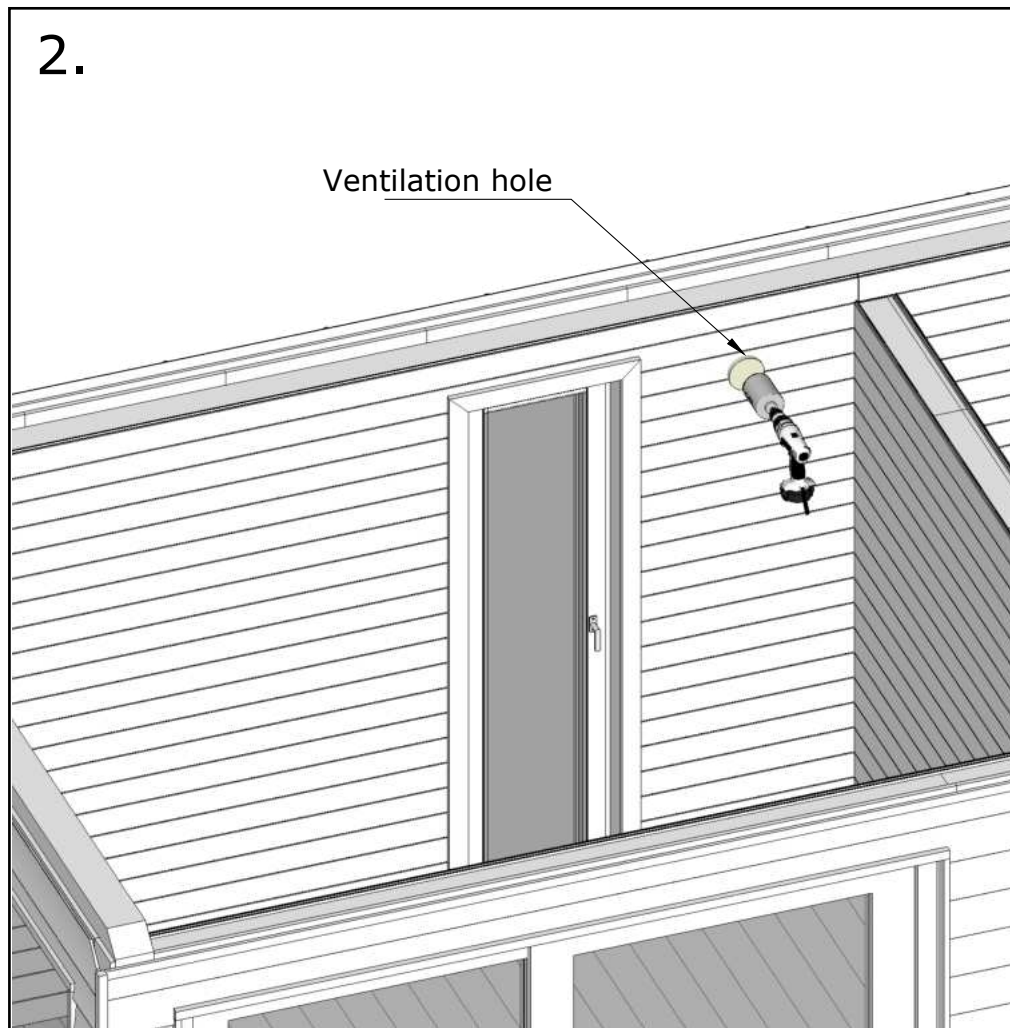
1.

Ventilation hole



2.

Ventilation hole



Once the building is completed, it must be finished with a wood preservative immediately to protect and extend the life of the building.

