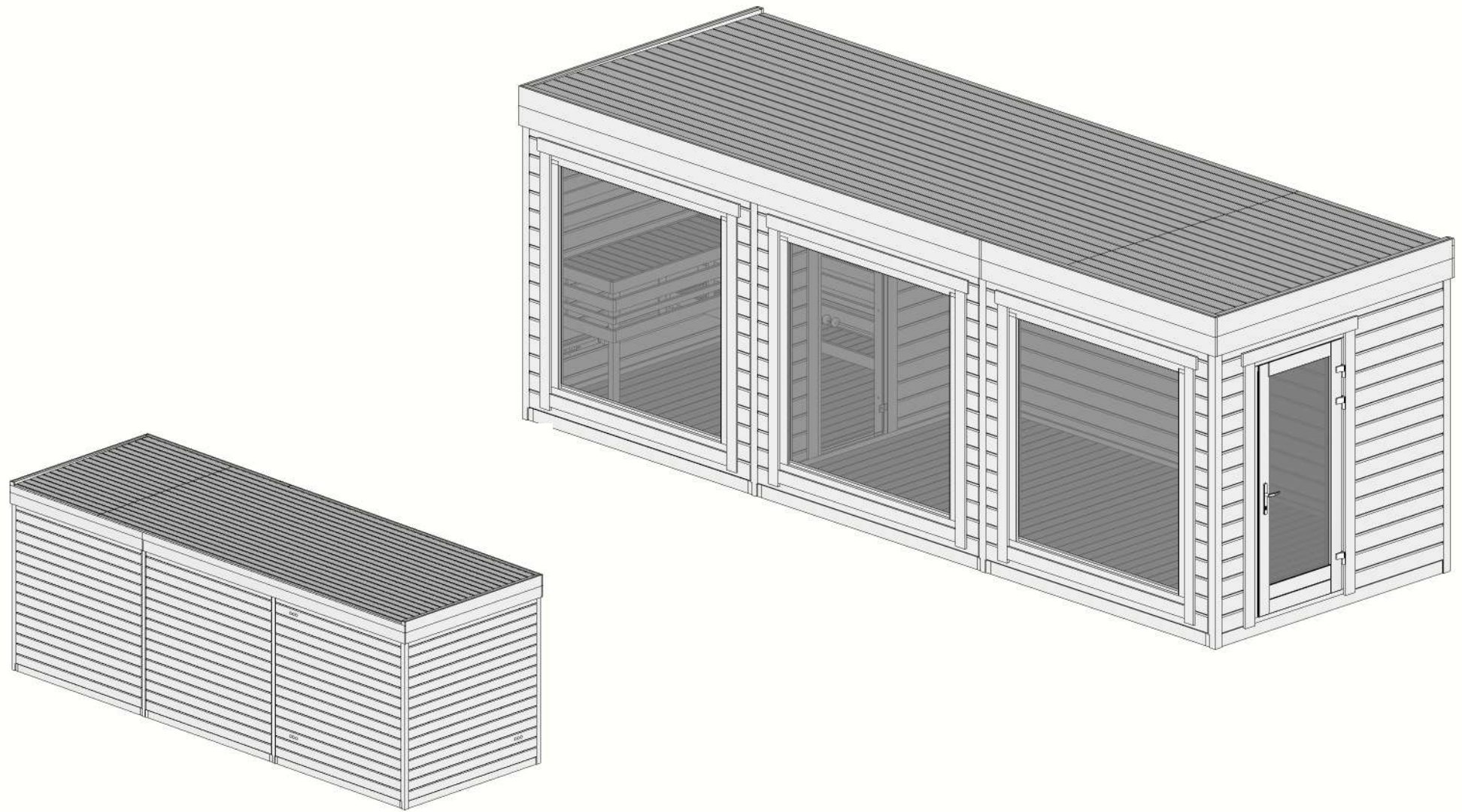
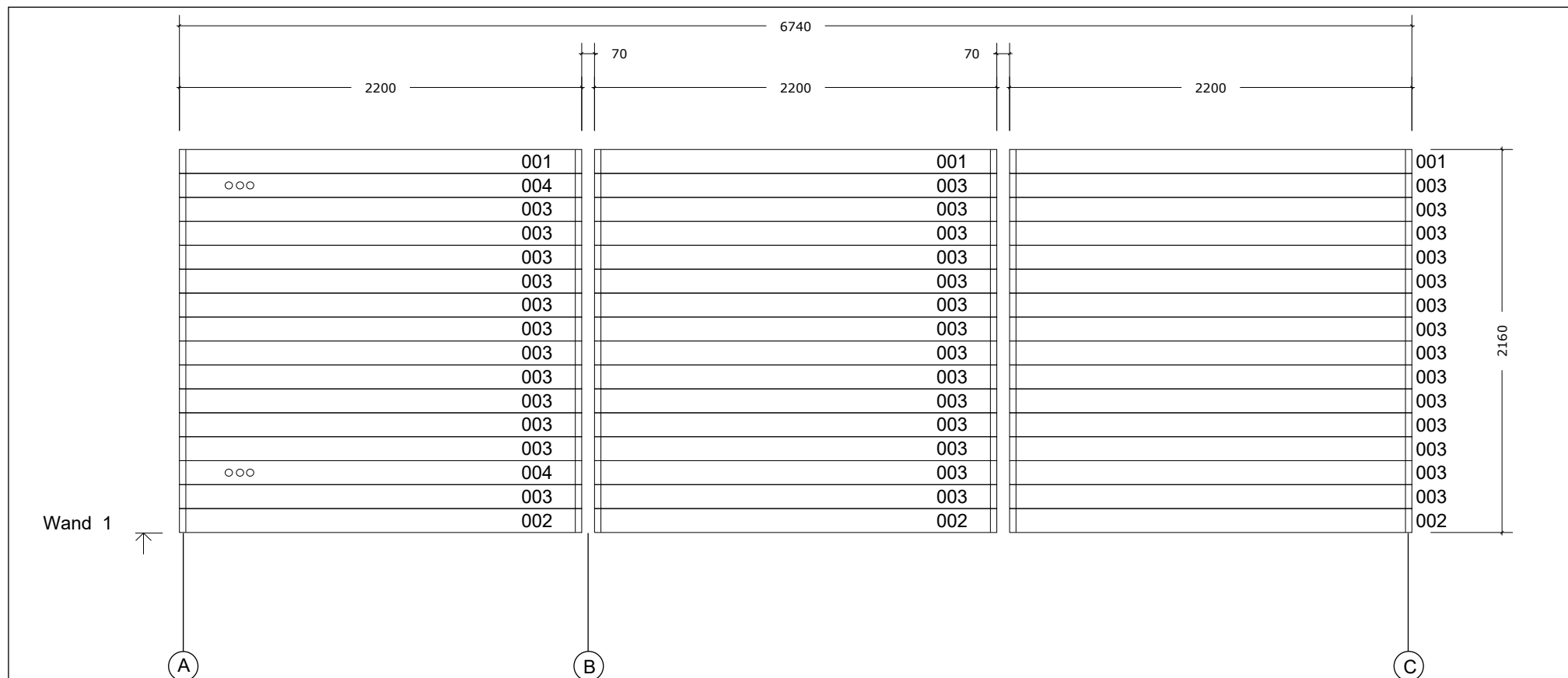


Saunahaus Panorama Cube D 234x688_70



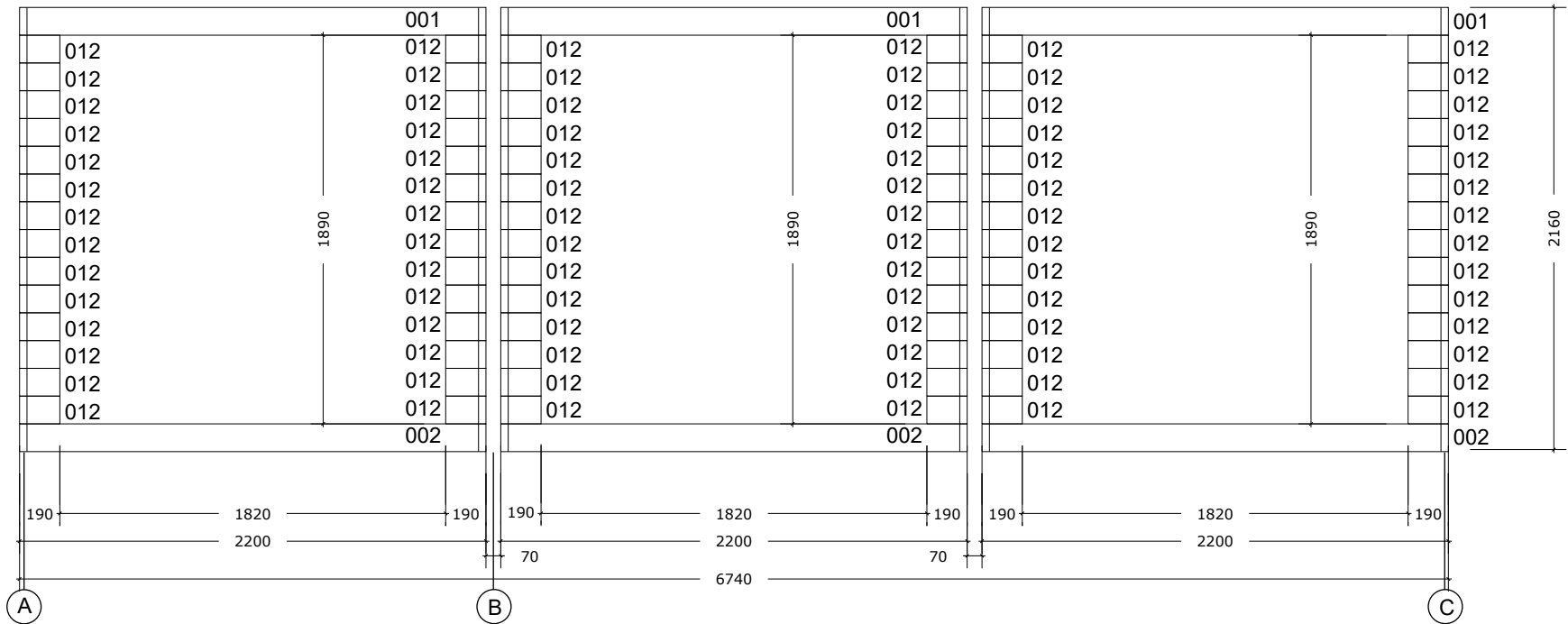
*Dieses Haus kann spiegelbildlich aufgestellt werden.



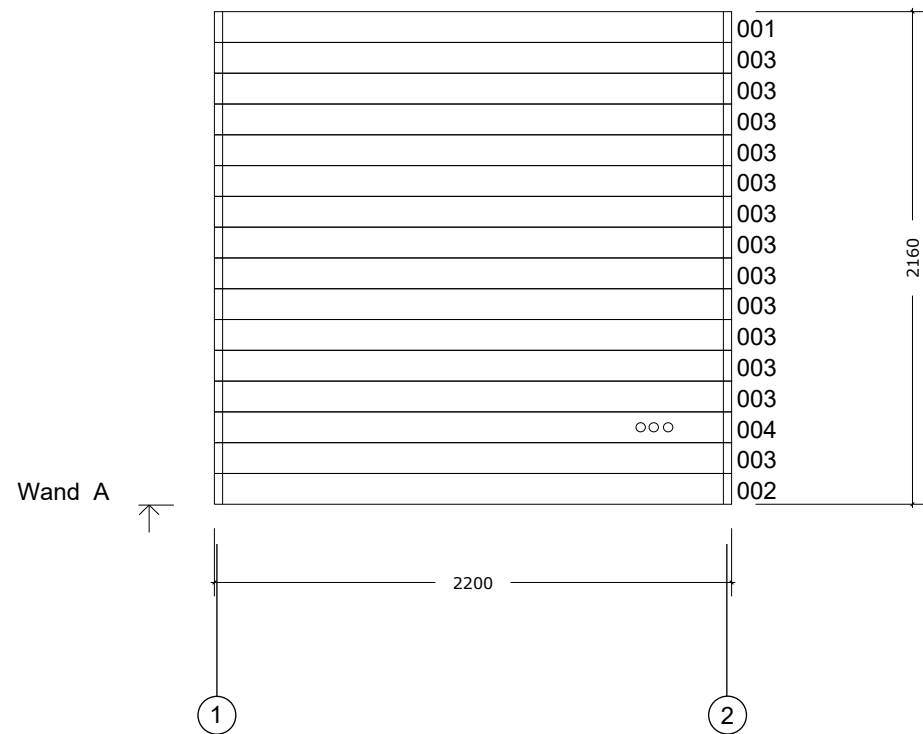
Die Bohlen mit Lüftungsöffnungen können je nach Bedarf höher oder niedriger eingesetzt werden.
Bitte achten Sie darauf dass die Lüftungsöffnungen von innen nicht mit der Saunabank bedeckt werden!

Name	Saunahaus Panorama Cube D 234x688_70		
Zeichnung	WAND 1	VS70_S-PAN-CUBE D	
	Druck auf	Profil 7.0x13.5	Datum 16.06.2025

Wand 2

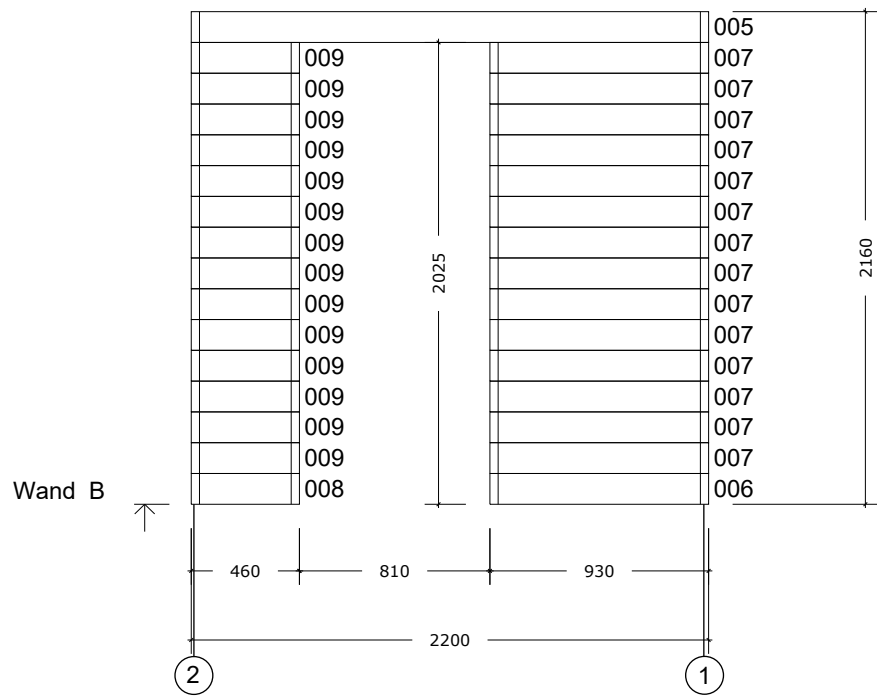


Name		Saunahaus Panorama Cube D 234x688_70	
Zeichnung		WAND 2	VS70_S-PAN-CUBE D
		Profil	Datum
		7.0x13.5	16.06.2025

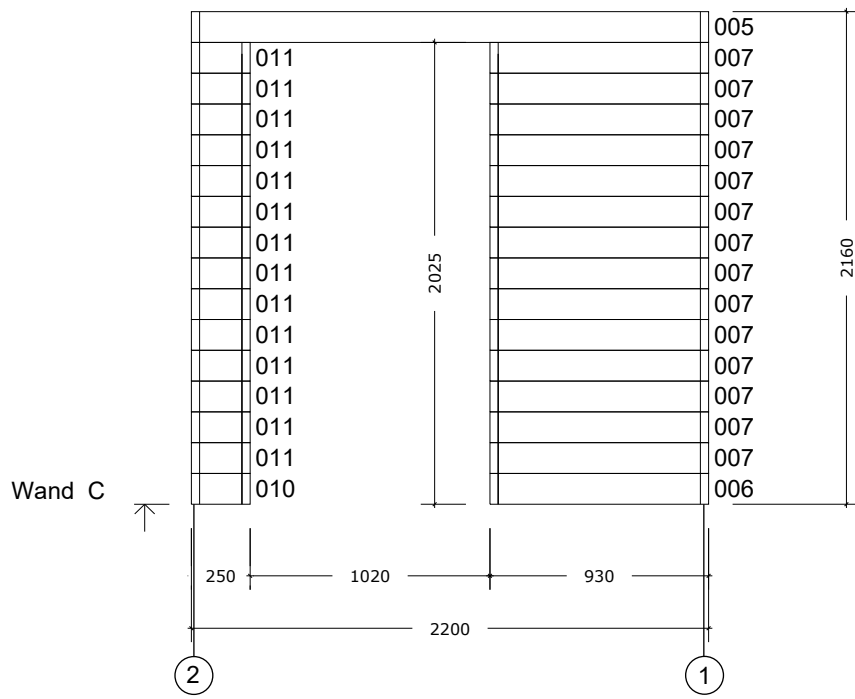


Die Bohlen mit Lüftungsöffnungen können je nach Bedarf höher oder niedriger eingesetzt werden.
 Bitte achten Sie darauf dass die Lüftungsöffnungen von innen nicht mit der Saunabank bedeckt werden!

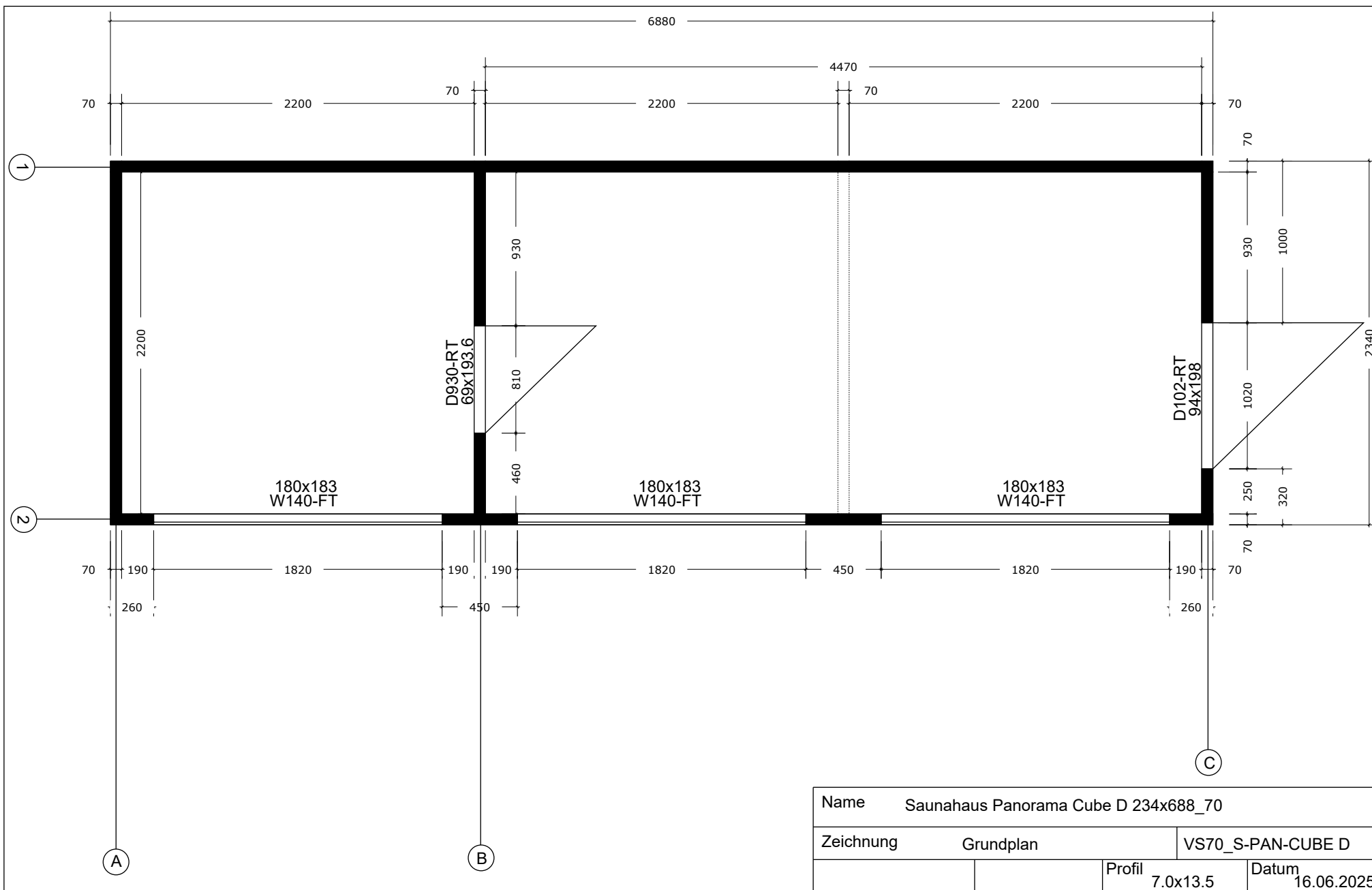
Name				Saunahaus Panorama Cube D 234x688_70	
Zeichnung		WAND A		VS70_S-PAN-CUBE D	
		Profil		7.0x13.5	Datum
				16.06.2025	

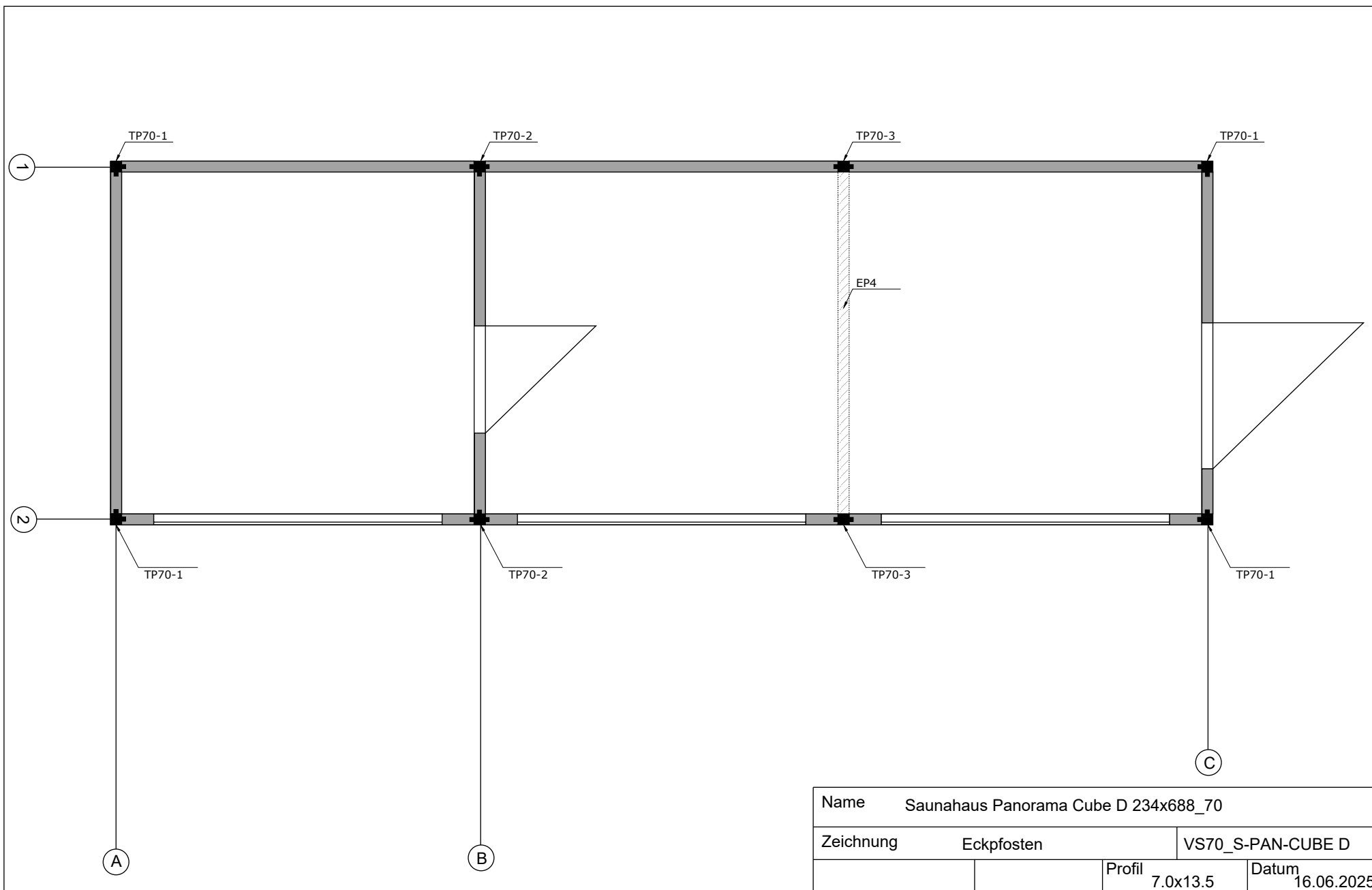


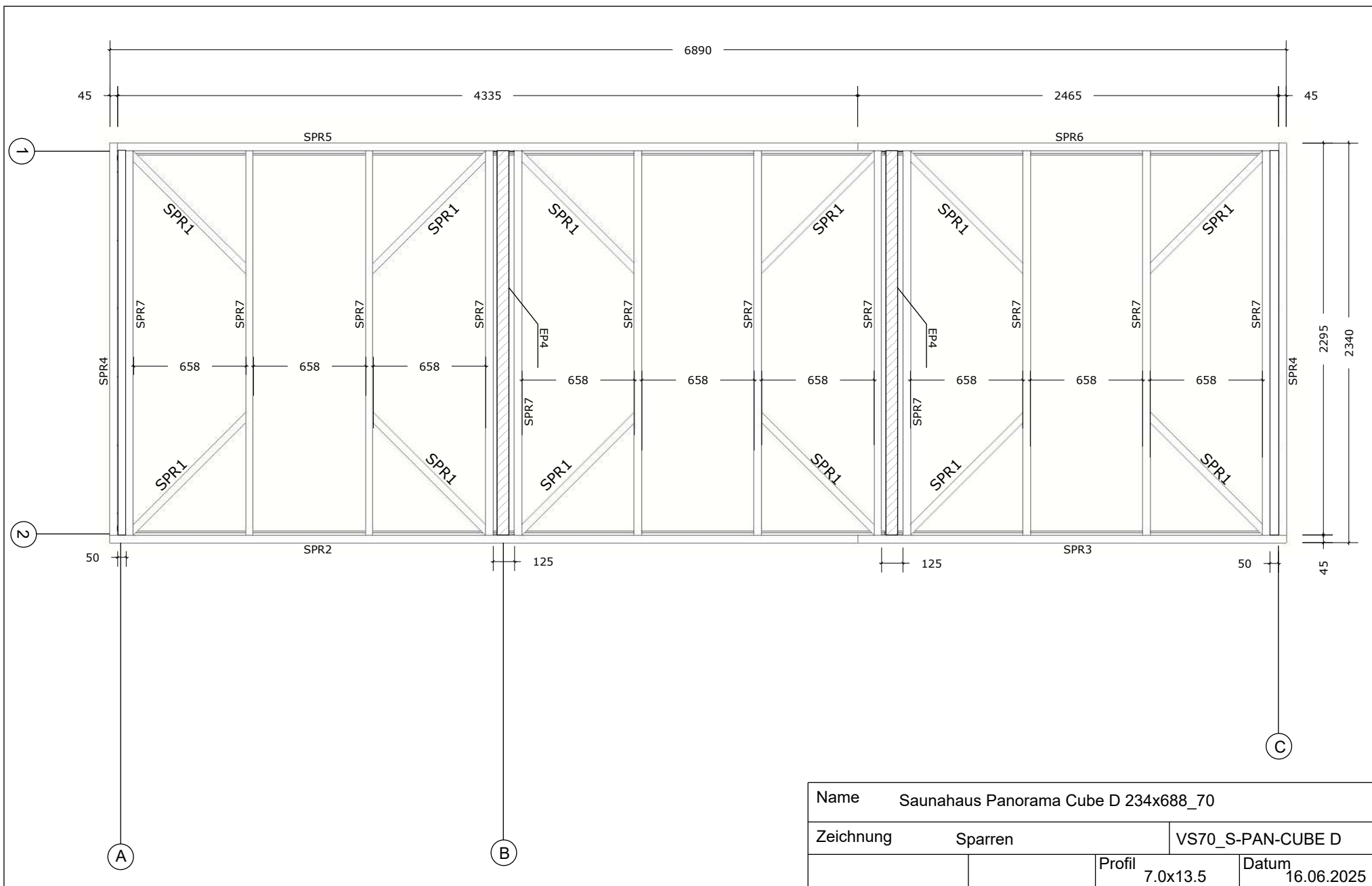
Name				Saunahaus Panorama Cube D 234x688_70	
Zeichnung		WAND B		VS70_S-PAN-CUBE D	
		Profil		7.0x13.5	Datum
				16.06.2025	



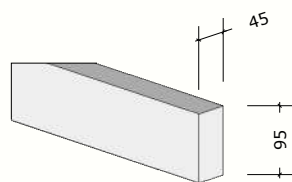
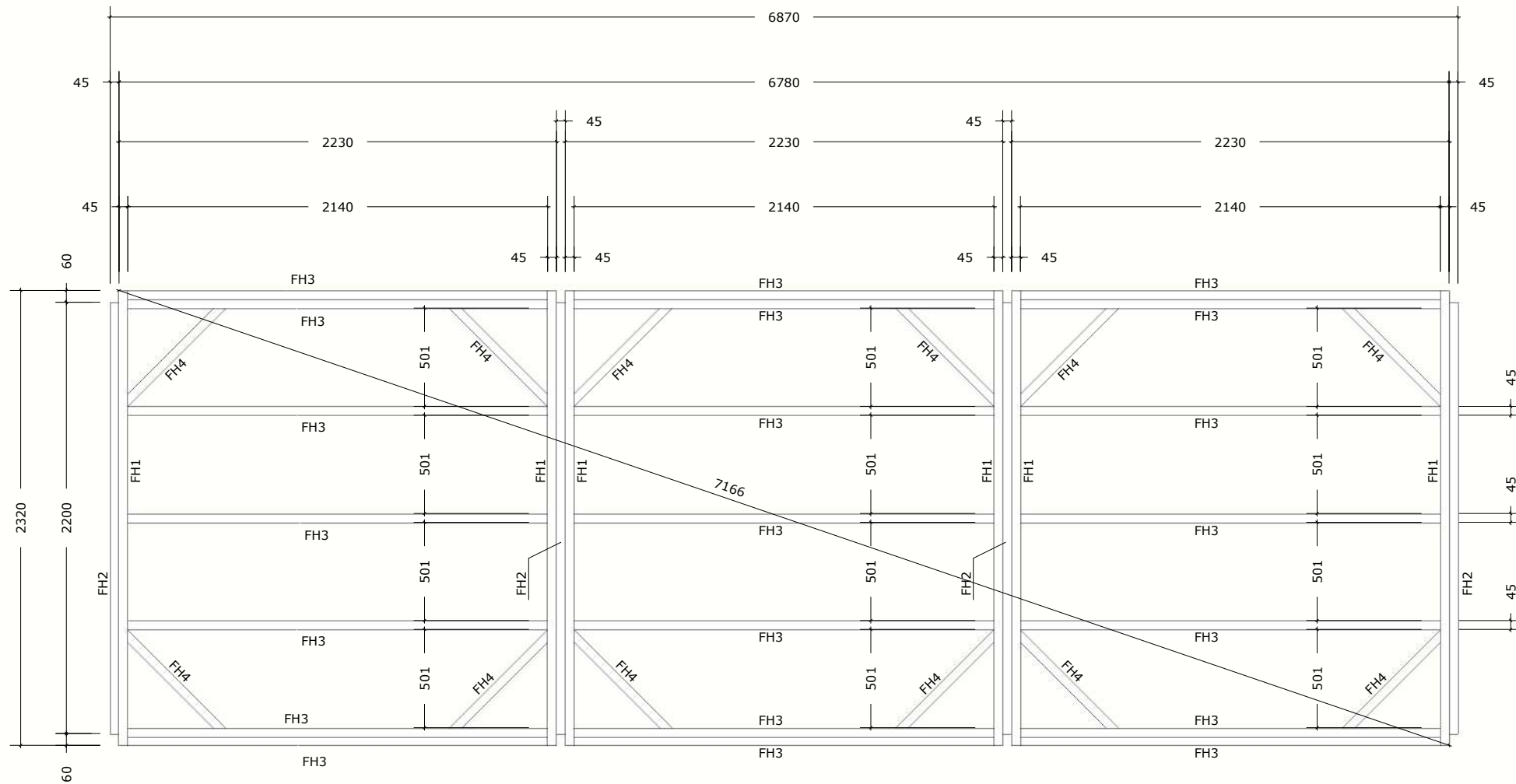
Name				Saunahaus Panorama Cube D 234x688_70	
Zeichnung		WAND C		VS70_S-PAN-CUBE D	
		Profil	7.0x13.5	Datum	16.06.2025



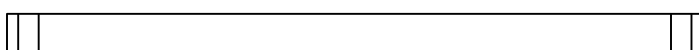
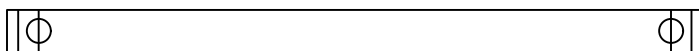
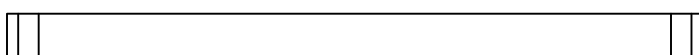
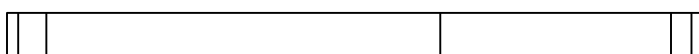
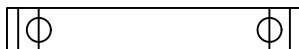
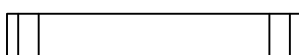
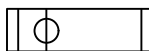
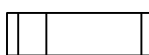
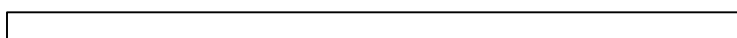
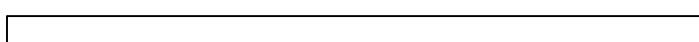
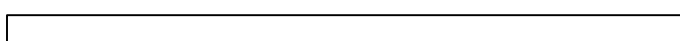
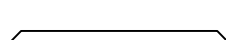
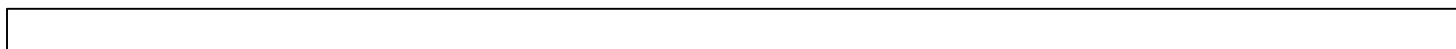
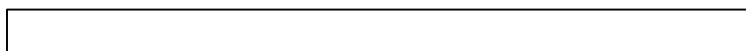
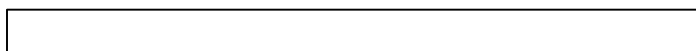
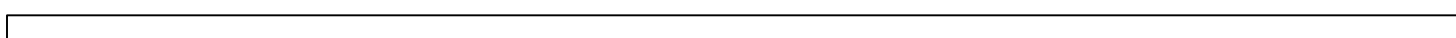
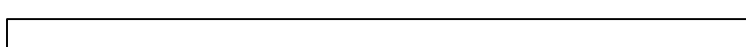
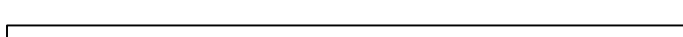
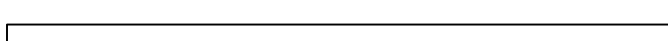


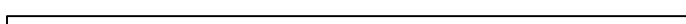
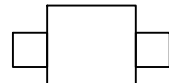
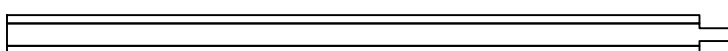
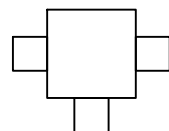
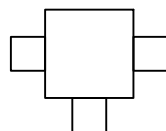
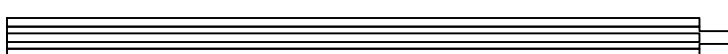
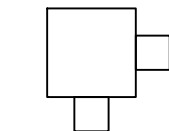
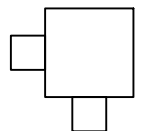
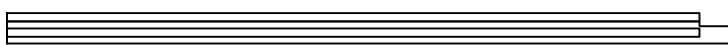
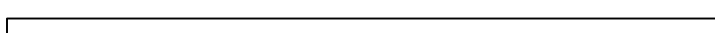
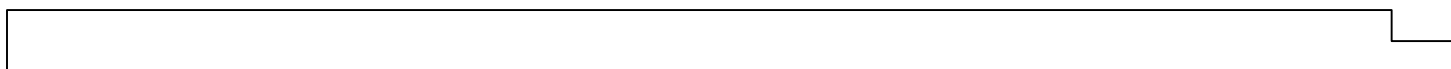
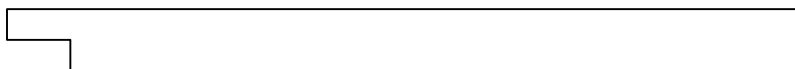
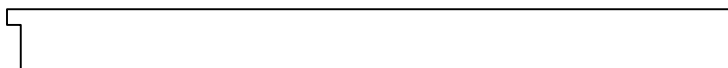
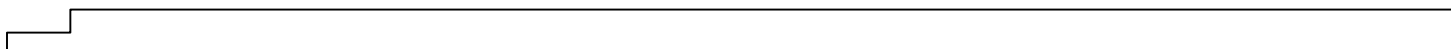
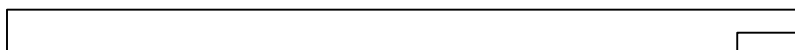
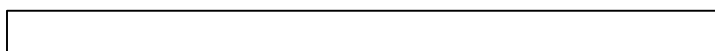
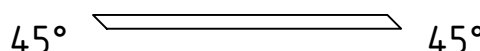
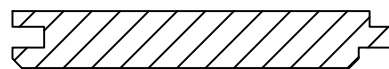
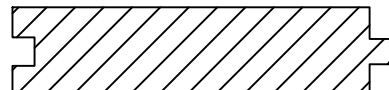
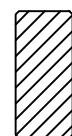
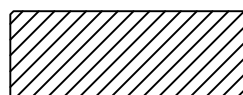


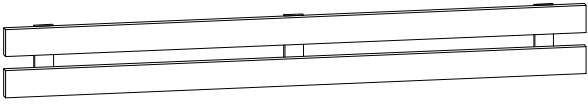
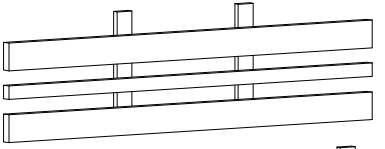
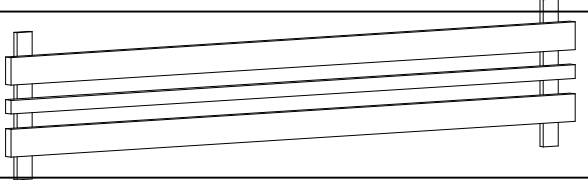
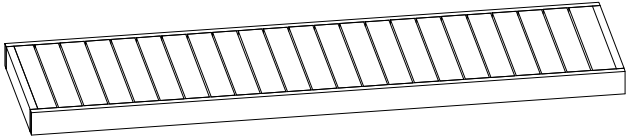
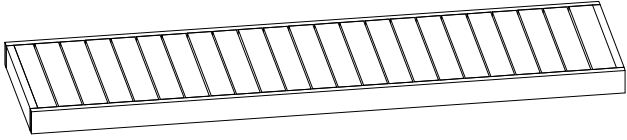
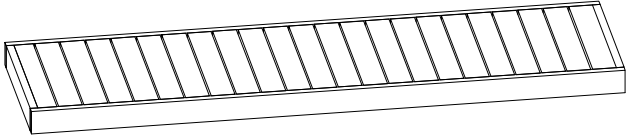
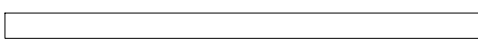
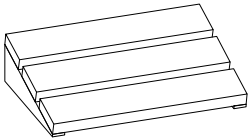
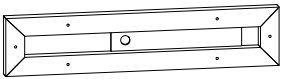
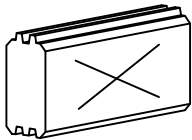
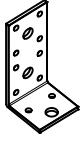
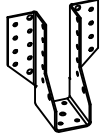
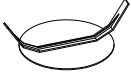
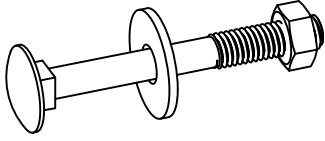
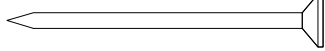
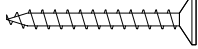
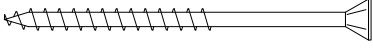
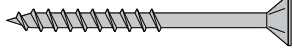
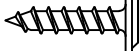
Name Saunahaus Panorama Cube D 234x688_70			
Zeichnung Sparren		VS70_S-PAN-CUBE D	
		Profil 7.0x13.5	Datum 16.06.2025

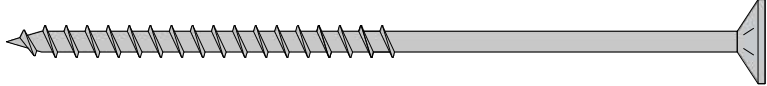
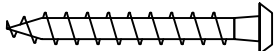
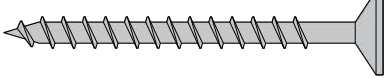
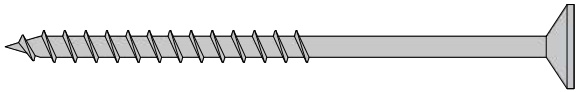
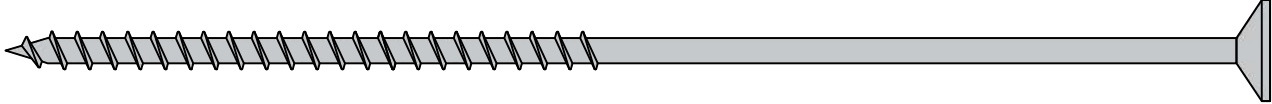
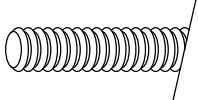
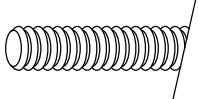
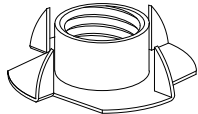
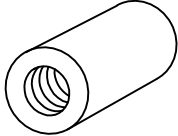
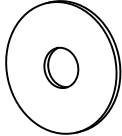
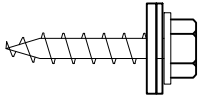
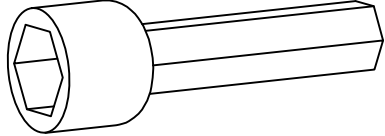


Name	Saunahaus Panorama Cube D 234x688_70		
Zeichnung	Lagerholzplan		VS70_S-PAN-CUBE D
		Profil 7.0x13.5	Datum 16.06.2025

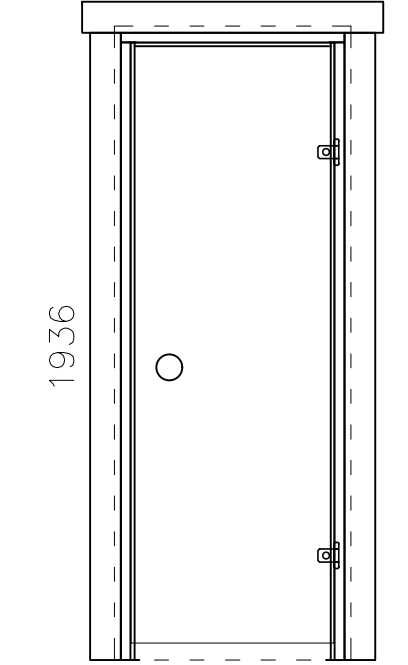
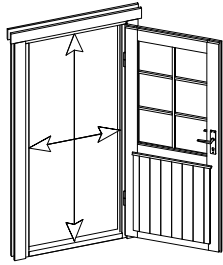
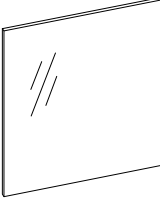
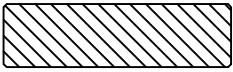
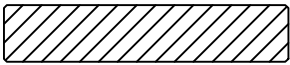
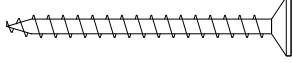
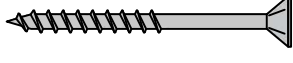
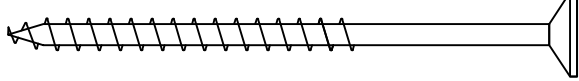
Pos	Teileliste Saunahaus Panorama Cube D 234x688_70	Stck.	Profil (mm)	Länge (mm)		
001		7	70x135	2200		
002		7	70x135	2200		
003		53	70x135	2200		
004		3	70x135	2200		
005		2	70x135	2200		
006		2	70x135	930		
007		28	70x135	930		
008		1	70x135	460		
009		14	70x135	460		
010		1	70x135	250		
011		14	70x135	250		
012		84	70x135	190		
FH1	FUNDAMENTHÖLZER (imprägniert) 	6	45x95	2320		
FH2	FUNDAMENTHÖLZER (imprägniert) 	4	45x95	2200		
FH3	FUNDAMENTHÖLZER (imprägniert) 	22	45x95	2140		
FH4	45°  45° FUNDAMENTHÖLZER (imprägniert)	12	45x95	710		
LE1	LEISTE  ✓	3	18x145	4600		
LE4	LEISTE  ✓	7	18x145	2350		
LE5	LEISTE  ✓	6	18x145	2190		
LE2	LEISTE  ✓	1	18x95	4600		
LE3	LEISTE  ✓	1	18x95	2350		
LE6	LEISTE  ✓	2	18x50	65		
DL1	LEISTE  ✓	12	120x18	2190		
LT2	LATTEN 	6	44x65	2154		
LT5	LATTEN 	6	44x65	2104		
Kood	Saunahaus Panorama Cube D 234x688_70		Materjal		Leht	1/7

Pos	Teileliste Saunahaus Panorama Cube D 234x688_70		Stck.	Profil (mm)	Länge (mm)
LT6	LATTEN 		9	44x65	2066
LT3	LATTEN 		3	44x44	2154
LT4	LATTEN 		2	30x40	2250
TP70-3	ECKPFOSTEN 		2	70x124	2285
TP70-2	ECKPFOSTEN 		1+1	97x124	2285
TP70-1	ECKPFOSTEN 		2+2	97x97	2285
EP4	ECKPFOSTEN 		2	70x70	2250
SPR2	SPARREN 		1	45x195	4580
SPR3	SPARREN 		1	45x195	2510
SPR4	SPARREN 		2	45x195	2295
SPR5	SPARREN 		1	44x145	4580
SPR6	SPARREN 		1	44x145	2510
SPR7	SPARREN 		12	44x145	2250
SPR1	SPARREN 		12	44x120	975
	DACHBRETTER 		21+1	113x18	5320
	DACHBRETTER 		21+1	113x18	1480
	DACHSCHALUNG 		76+1	88x12	2190
	FUSSBODENBRETTER 		60+1	113x28	2190
	FUSSBODENLEISTEN 		6	18x40	2250
	FUSSBODENLEISTEN 		2	18x40	4550
De-1	DECKENLEISTEN 15x28 		6	15x28	2250
De-2	DECKENLEISTEN 15x28 		2	15x28	4550
TL70-1	T-LEISTE 70 		4	45x70	1975
HS70-1	HOLZSCHWELLE unter der Saunatür 		1	75x28	750
SA15-1	SAUNA - Rücklehne 		1	40x250	1995
Kood	Saunahaus Panorama Cube D 234x688_70			Materjal	
				Leht 2/7	

Pos	Teileliste Saunahaus Panorama Cube D 234x688_70		Stck.	Profil (mm)	Länge (mm)
SA1 5-2	SAUNA - Rücklehne		1	40x250	2180
SA16-1	SAUNA - Bänke Zwischenstück		1	40x390	595
SA1 6-2	SAUNA - Bänke Zwischenstück		1	40x390	1410
SA1 6-3	SAUNA - Bänke Zwischenstück		1	40x525	2190
SA0 4-1	SAUNA - Saunabank 30cm		1	300x90	2195
SA01-1	SAUNA - Saunabank 60cm		1	600x90	1438
SA0 1-2	SAUNA - Saunabank 60cm		1	600x90	2195
SA11-1	SAUNA - Stützpfeiler für Saunabänke	 ✓	2	44x65	500
SA11-2	SAUNA - Stützpfeiler für Saunabänke	 ✓	2	44x65	1000
SA10-1	SAUNA - Trägleiste für Saunabänke	 ✓	2	30x40	300
SA1 0-2	SAUNA - Trägleiste für Saunabänke	 ✓	1	30x40	600
SA1 0-3	SAUNA - Trägleiste für Saunabänke	 ✓	1	30x40	2035
SA35	SAUNA - Kopfstütze		1		
SA36	SAUNA - Luftschieber		3		
SH	Schlaghölzer		3		
DBA ND-1	DICHTUNGSBAND	✓			24.0lfm
W03	Winkel 90x40x40		18		
PS03	PFETTENSCHUH 45X138		24		
HTK1	Federsteckdeckel		20		
SS023	Schloßschrauben M8x70 Mutter M8 U-Scheibe Ø25 - Befestigung für Saunabänke		2		
NG04	NÄGEL 2.5x50		680		
SR32	SCHRAUBEN 3.0x30		100		
SR3 458	SCHRAUBEN 3.4x58		350		
SR3 519A	SCHRAUBEN 3.5x45 C3		440		
SR4	SCHRAUBEN 4.2x19 Anthrazit		55		
Kood	Saunahaus Panorama Cube D 234x688_70		Materjal		Leht 3/7

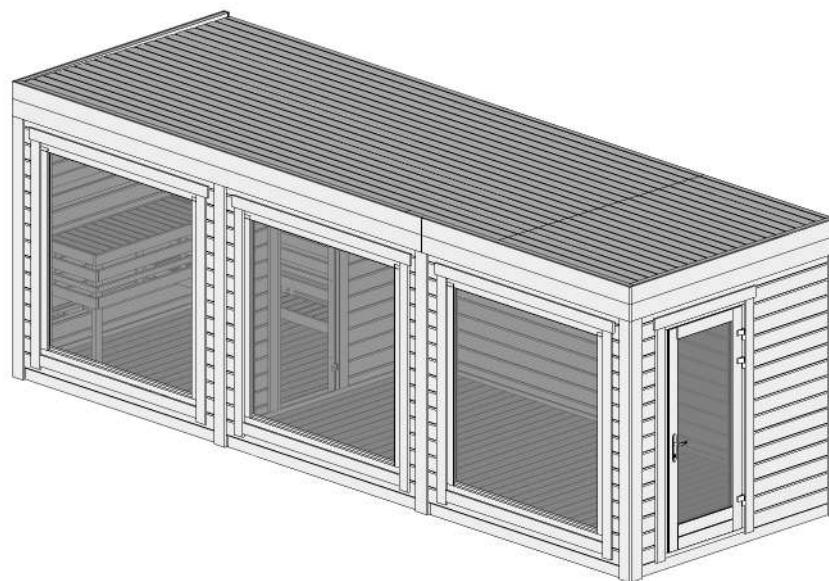
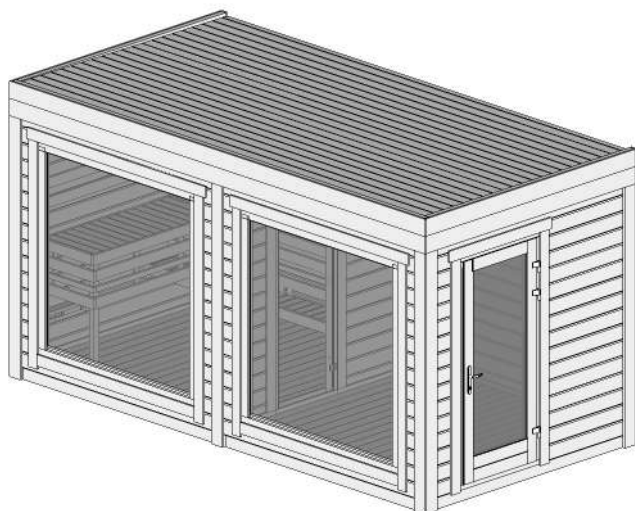
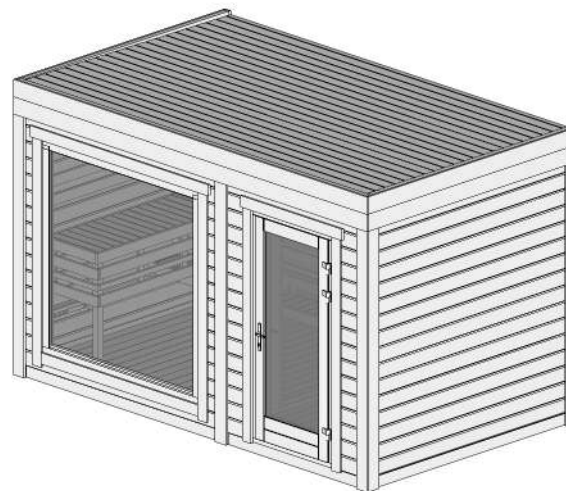
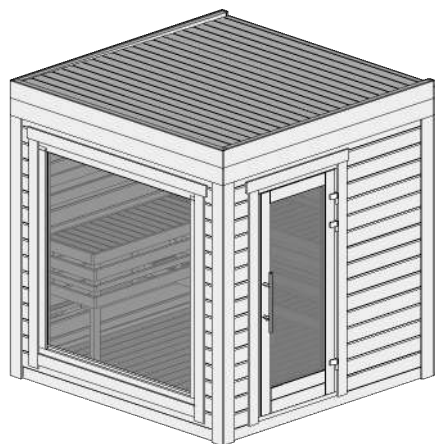
Pos	Teileliste Saunahaus Panorama Cube D 234x688_70	Stück	Profil (mm)	Länge (mm)
SR5 0122	SCHRAUBEN 5.0x120 C3 	230		
SR52	SCHRAUBEN 5.0x42 	735		
SR5 062	SCHRAUBEN 5.0x60 C3 	115		
SR5 092	SCHRAUBEN 5.0x90 C3 	290		
SR6 0202	SCHRAUBEN 6.0x200 C3 	92		
SR64	SCHRAUBEN 6.0x50ÜP 	20		
KL-1	Gewindestange M12 	20		140
KL-2	Gewindestange M12 	20		2000
LMT02	Schlagmutter M12 	20		
BFM2	Befestigungsmutter M12 	20		
US05	U-Scheibe M12 Ø40 	20		
MUT21	Mutter M12 	60		
MF01	EPDM	1	7200x2600	
PL-1	Blech für Dachabschluss	8		2375
PL-C	Blech für Dachabschluss	4		50
SR50	Blechschrauben (mit Dichtung) 	25		
T001	Innensechskant Bit für Blechschrauben 	1		
	✓ - bitte selber anpassen (falls nötig)!			
Kood	Saunahaus Panorama Cube D 234x688_70	Materjal		Leht 4/7

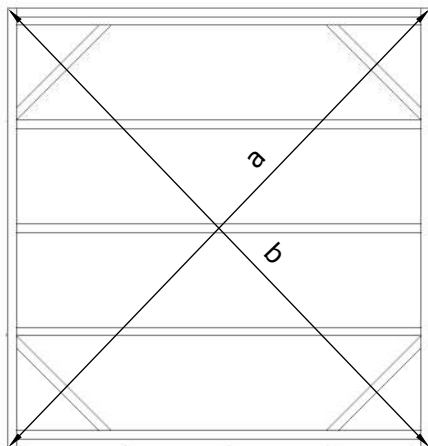
Pos	Teileliste Saunahaus Panorama Cube D 234x688_70			Stck.	Profil (mm)	Länge (mm)
	FENSTER 1800x1830 W5-S70F-0XT-18001830 Q5 W140-FT 1800 1830 Fixed/ Fest/ Fikseeritud double-pane tempered glass gehärtete ISO Glas 2-fach 2x klaaspakett, karastatud			3		
VP35 29-1	Q4-Q6 Window sill - Fensterbank - Veeplekk			3		1758
PL2-1	Trims - Rahmenleisten - Piirdeliistud 18x58 ✓			3	18x58	1760
PL3-1	Trims - Rahmenleisten - Piirdeliistud 18x95 ✓			6	18x95	2000
PL3-2	Trims - Rahmenleisten - Piirdeliistud 18x95 ✓			12	18x95	1910
PL3-3	Trims - Rahmenleisten - Piirdeliistud 18x95 ✓			3	18x95	1760
SR35 47-01	3.5x45 C3 Trims - Rahmleisten - Piirdeliistud			120		
SR42 13-01	4.2x13 Window sill - Fensterbank - Veeplekk			18		
	✓ - bitte selber anpassen (falls nötig)!					
Kood	Saunahaus Panorama Cube D 234x688_70	Materjal	Leht		5 / 7	

Pos	Teileliste Saunahaus Panorama Cube D 234x688_70	Stck.	Profil (mm)	Länge (mm)
	TÜR 690x1936 D0-L70R-0XT-06901936 D930-RT 690 1936  Right handed / DIN rechts / paremakäeline Clear opening/ durchgangsmaß/ ava suurus 606x1894mm  tempered bronze float glass gehärtete Bronze Floatglas karastatud pronks klaas 	1		
LL4-1	Frame extensions - Verbreiterungsleiste - Laiendusliistud 20x72 	2	20x72	1936
LL4-2	Frame extensions - Verbreiterungsleiste - Laiendusliistud 20x72 	1	20x72	730
PL3-4	Trims - Rahmenleisten - Piirdeliistud 18x95  ✓	4	18x95	1936
PL3-5	Trims - Rahmenleisten - Piirdeliistud 18x95  ✓	2	18x95	930
SR35 45-02	3.5x45 Frame extensions - Verbreiterungsleiste - Laiendusliistud 	10		
SR35 47-01	3.5x45 C3 Trims - Rahmleisten - Piirdeliistud 	22		
SR50 90-01	5.0x90 Door frames - Türrahmen - Ukselengid 	8		
	✓ - bitte selber anpassen (falls nötig)!			
Kood	Saunahaus Panorama Cube D 234x688_70	Materjal		Leht 6/7

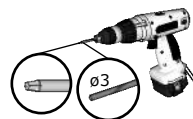
Saunahaus Panorama Cube A / B / C / D

Montageanleitung

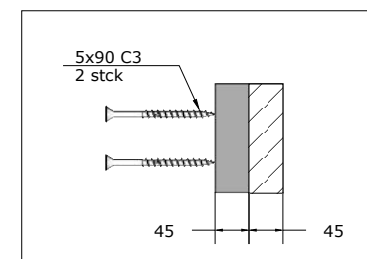
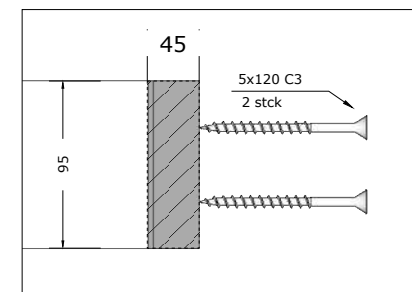
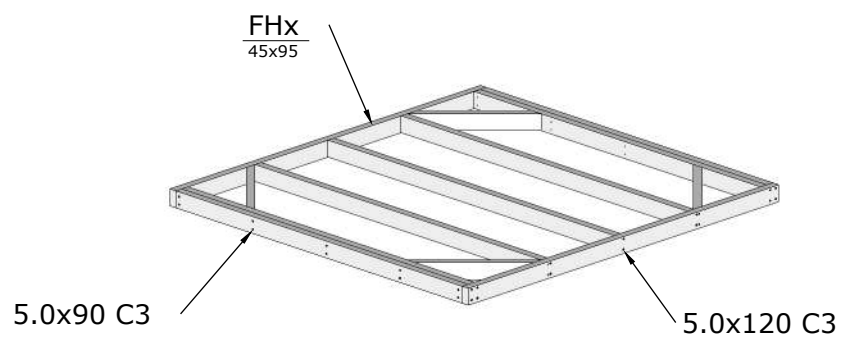


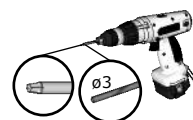


a=b !

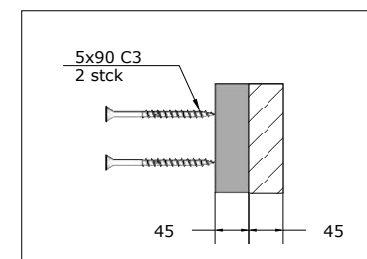
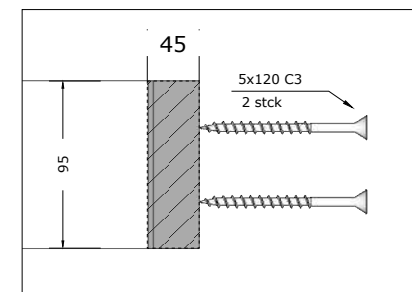
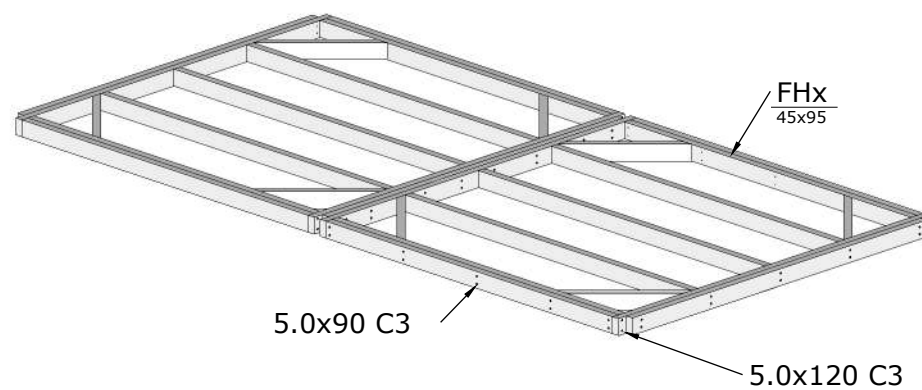
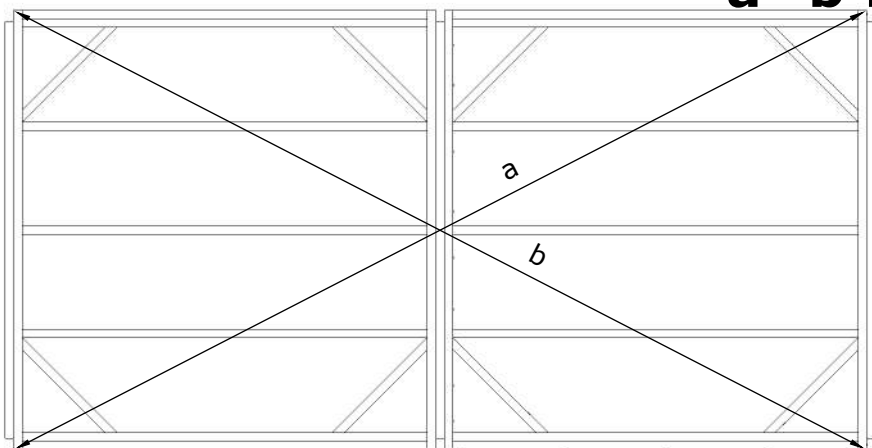


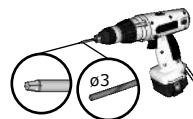
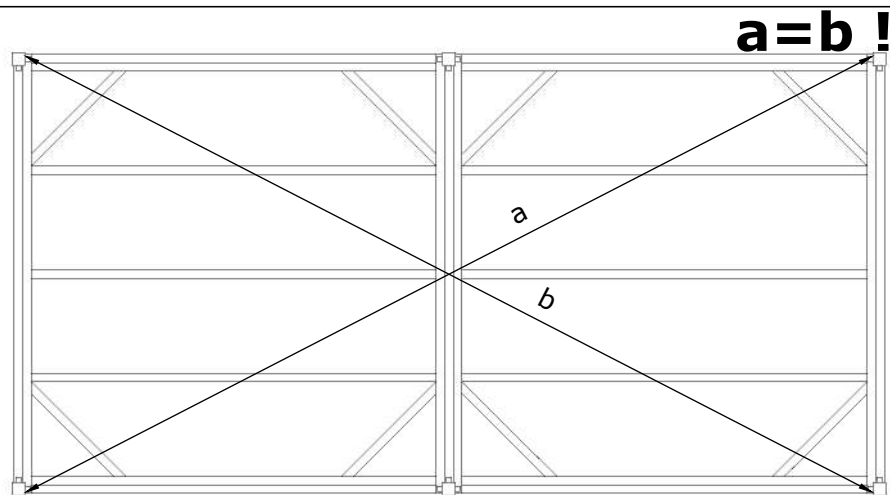
1



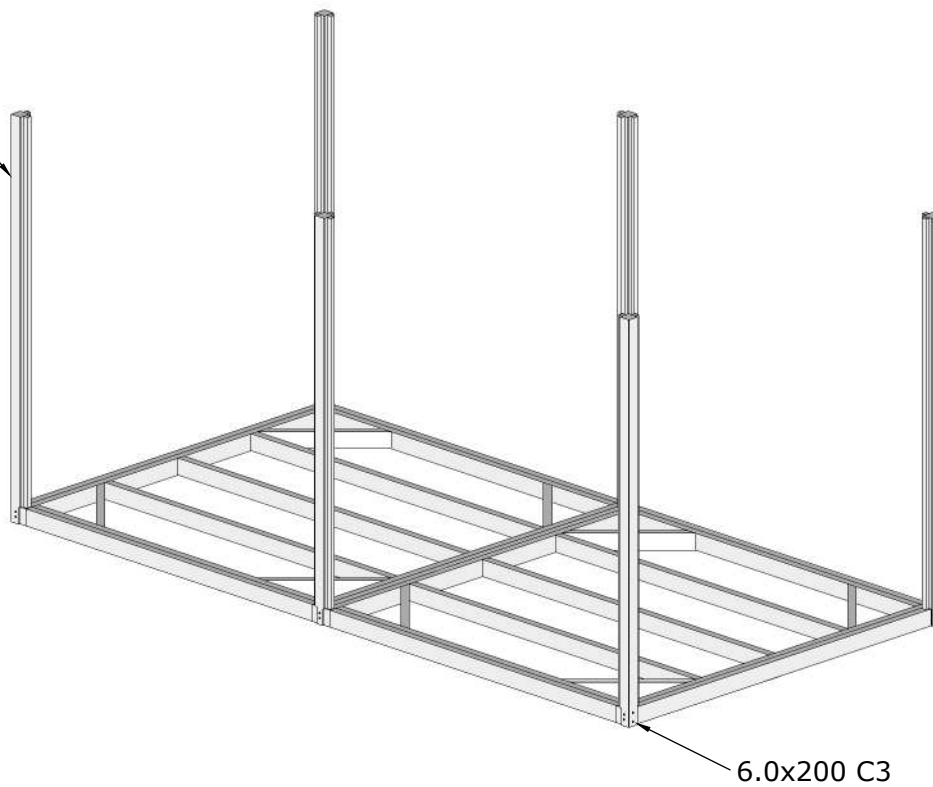
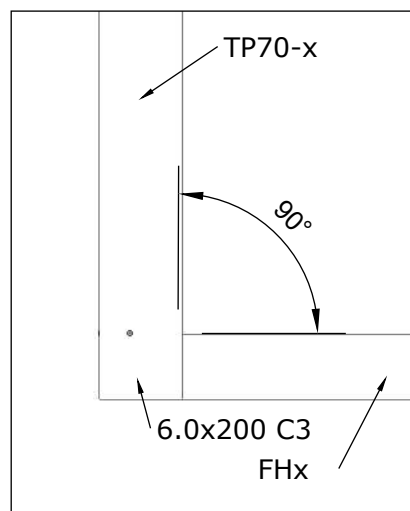


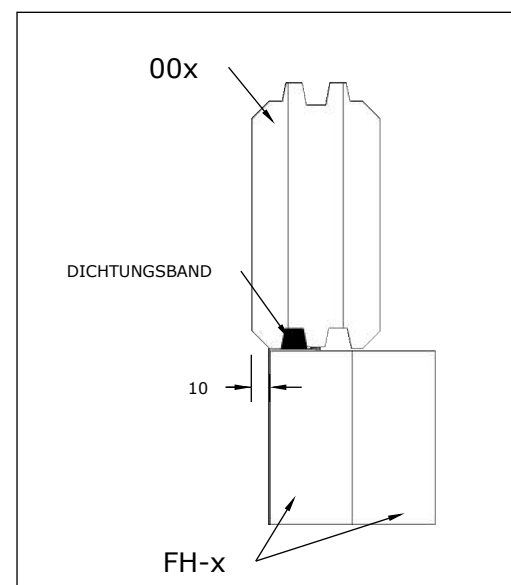
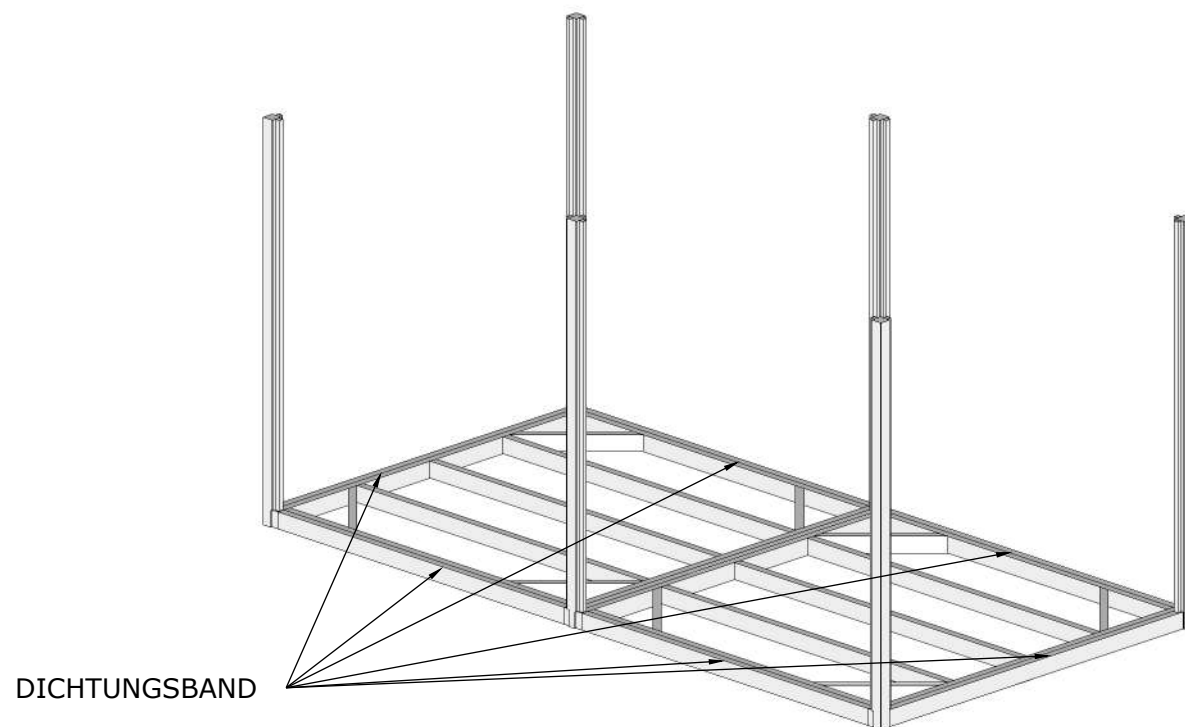
a=b !

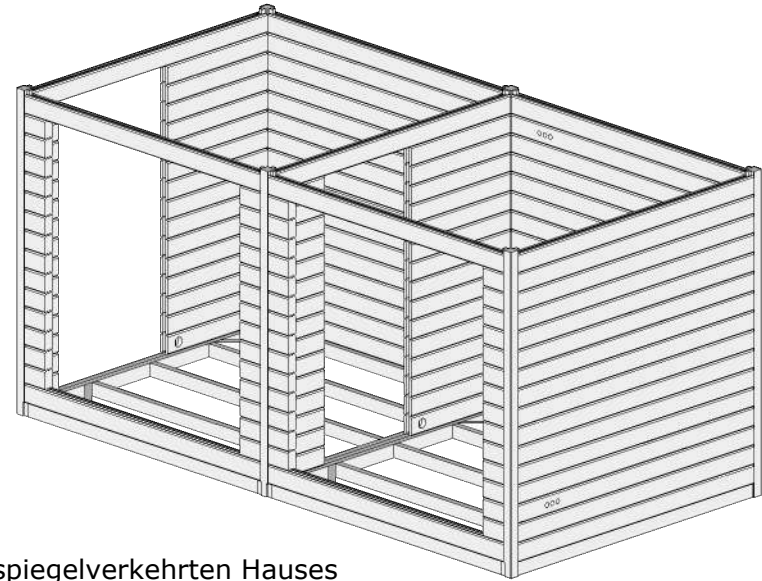
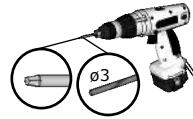




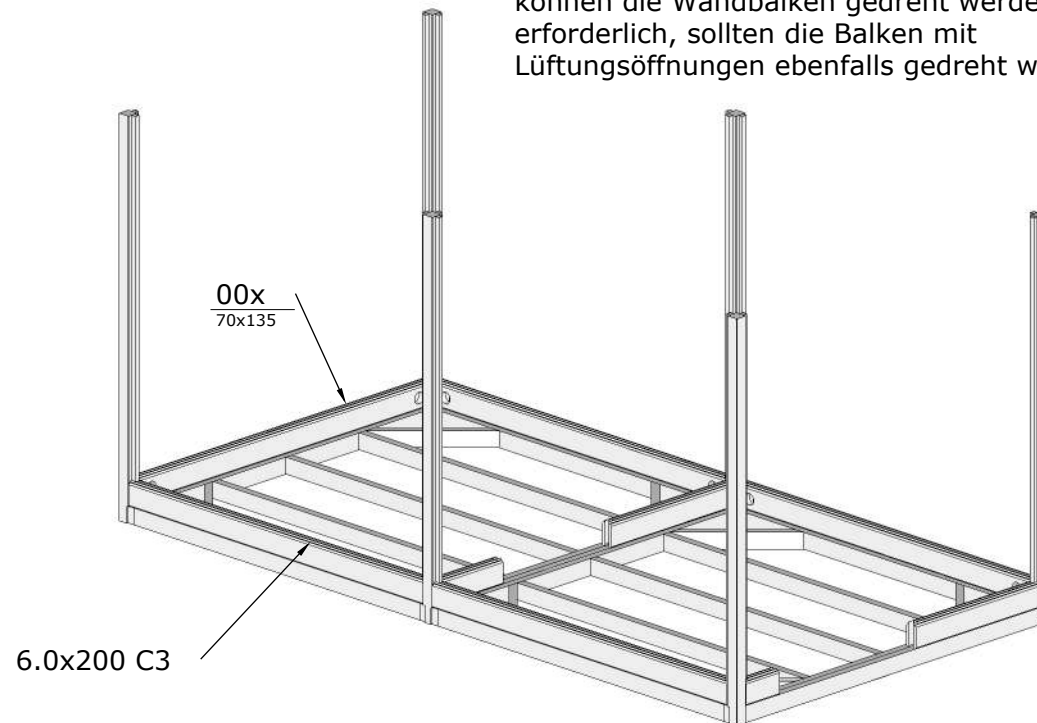
TP70-x







Beim Aufbau eines spiegelverkehrten Hauses können die Wandbalken gedreht werden. Falls erforderlich, sollten die Balken mit Lüftungsöffnungen ebenfalls gedreht werden.

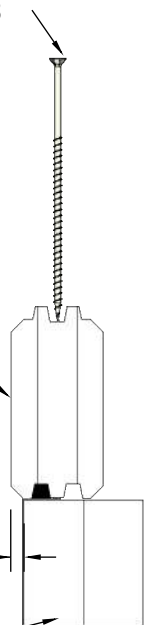


6.0x200 C3

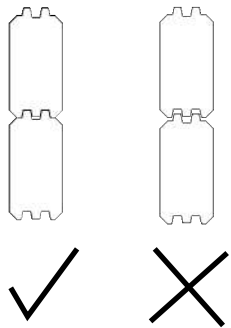
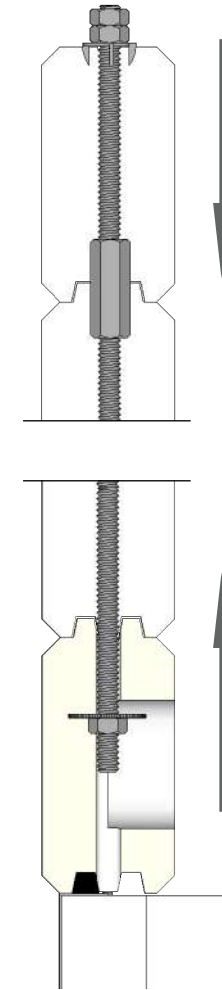
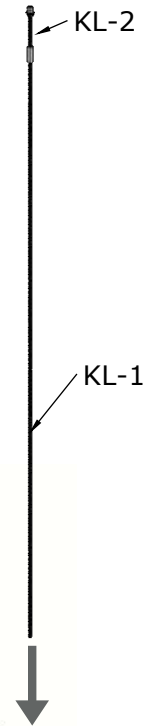
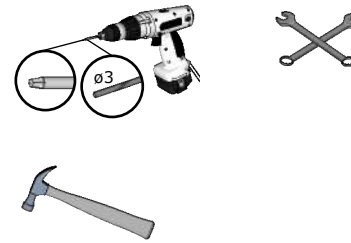
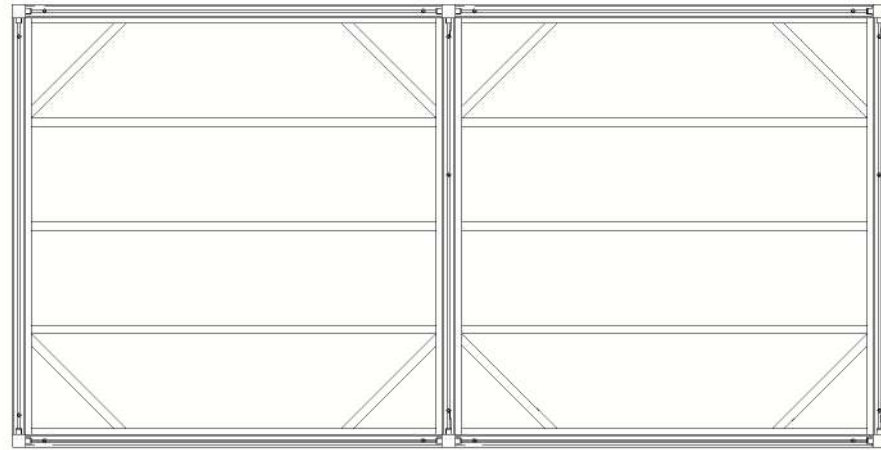
00x

10

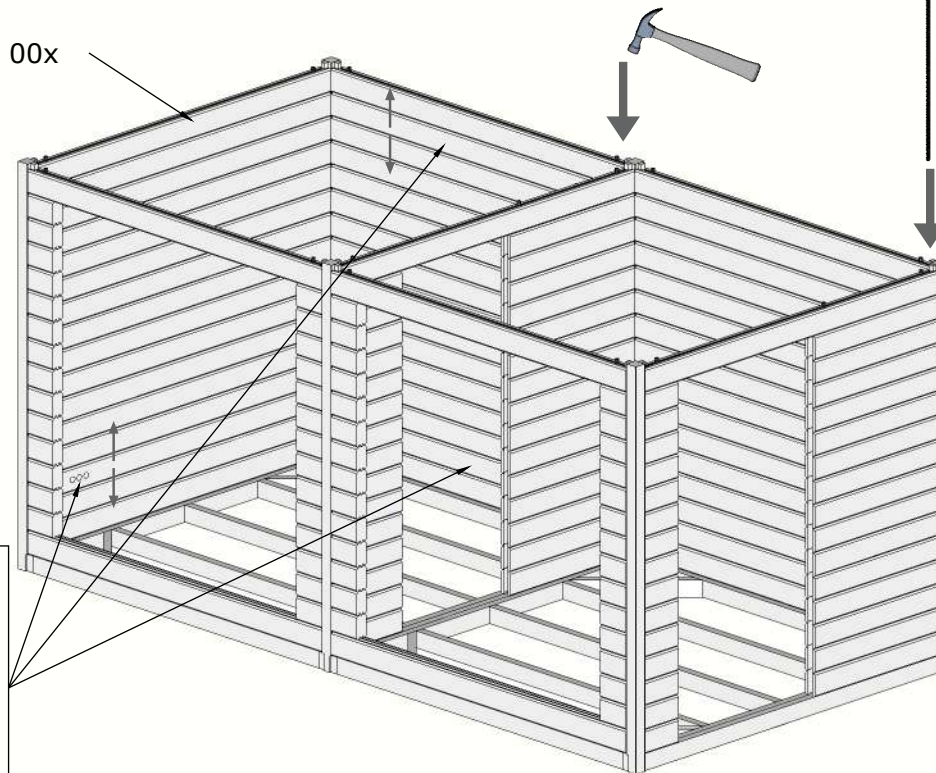
FH-x



6

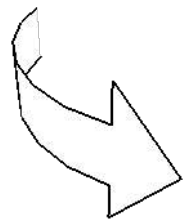


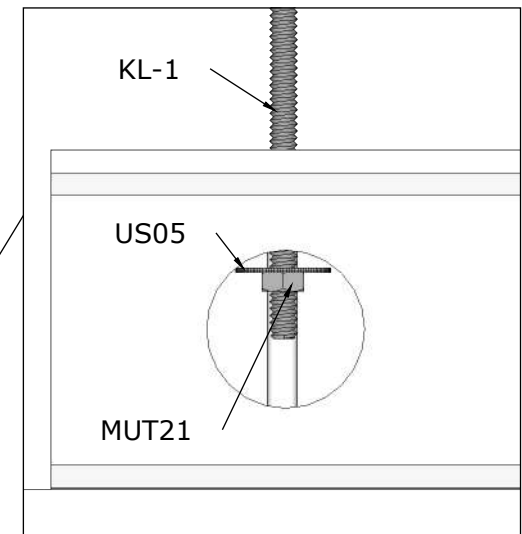
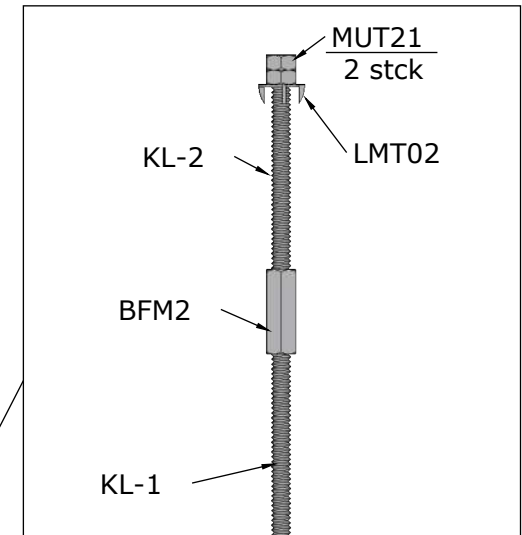
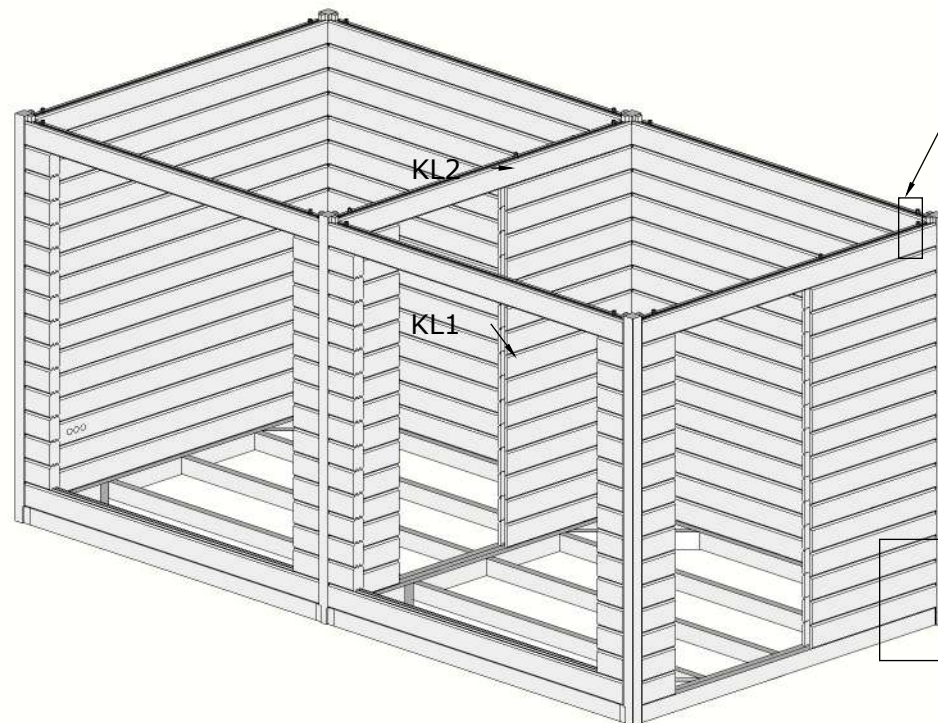
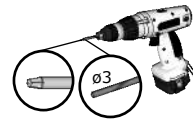
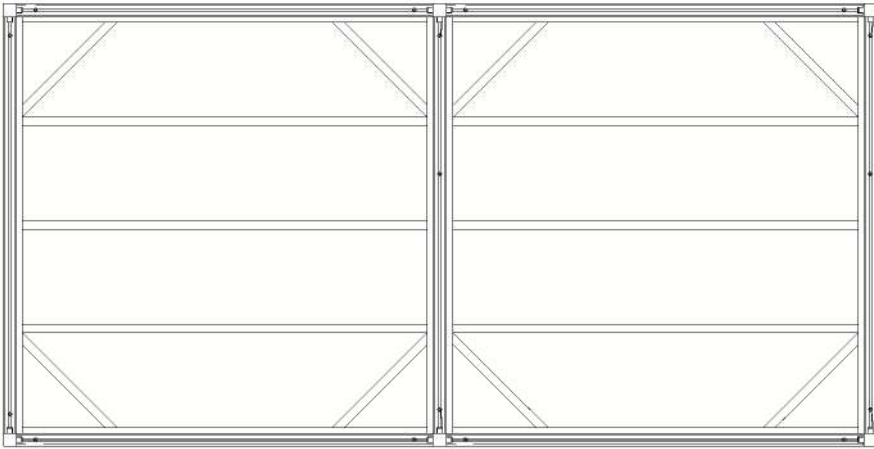
00x

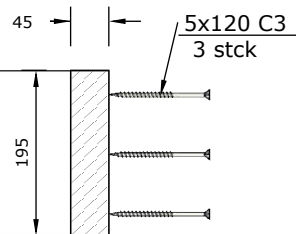
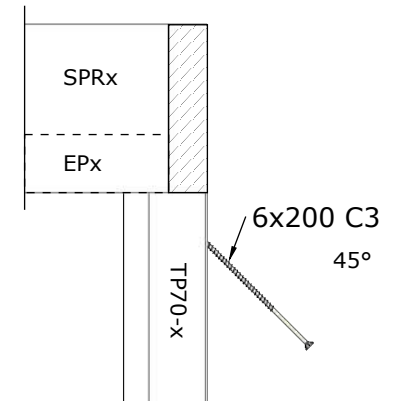
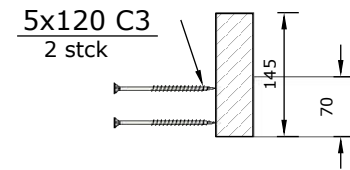
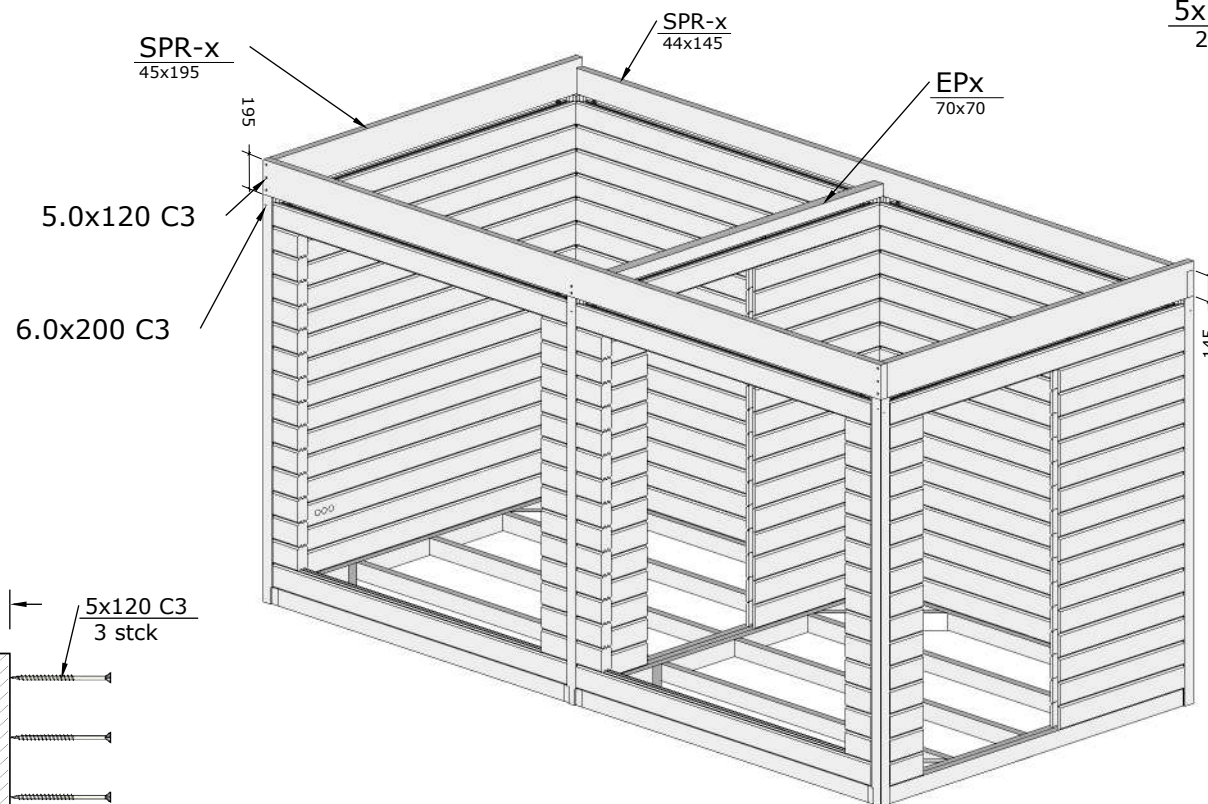
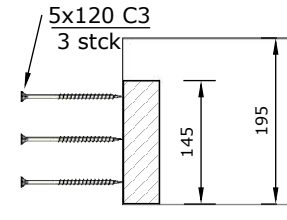
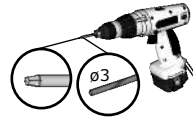


Die Bohlen mit Lüftungsöffnungen können je nach Bedarf höher oder niedriger eingesetzt werden.
Bitte achten Sie darauf dass die Lüftungsöffnungen von innen nicht mit der Saunabank bedeckt werden!

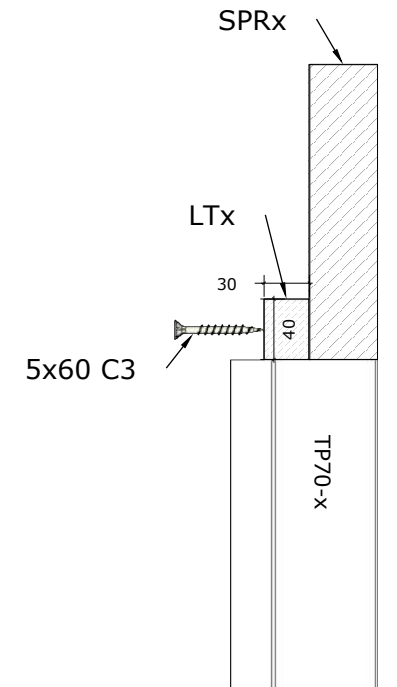
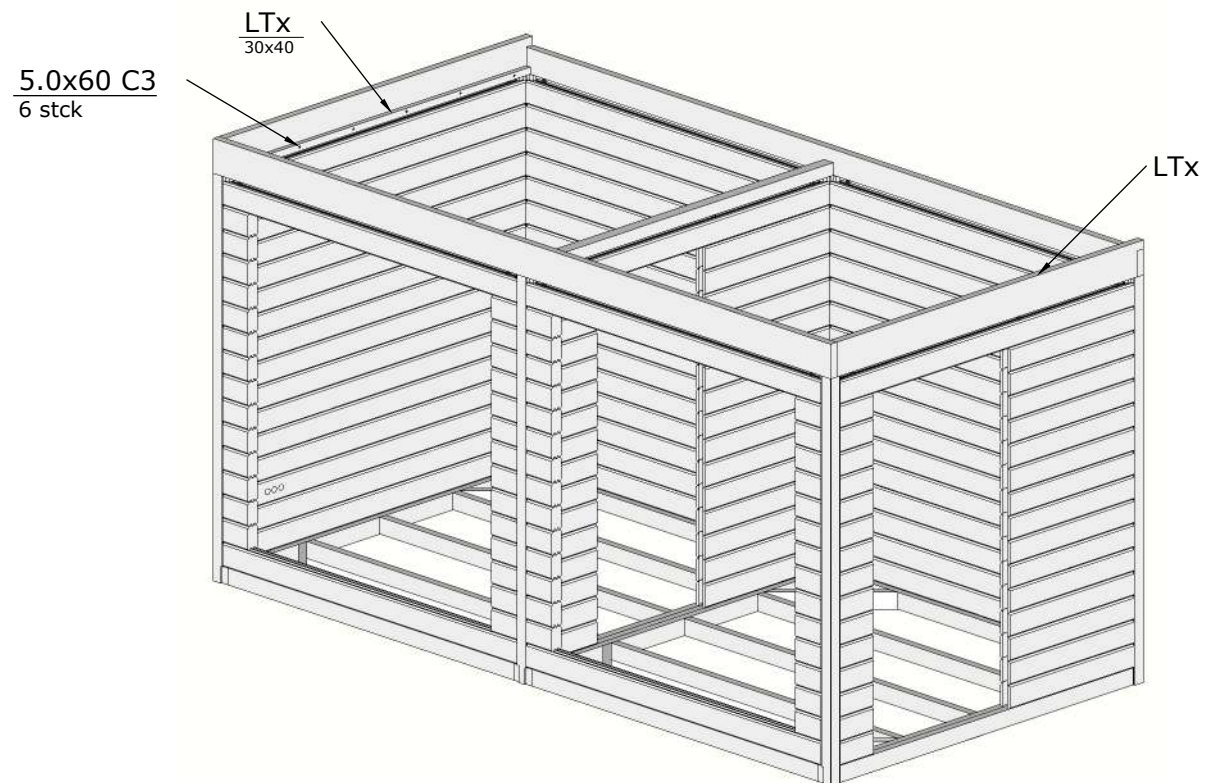
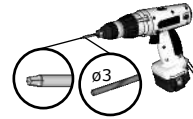
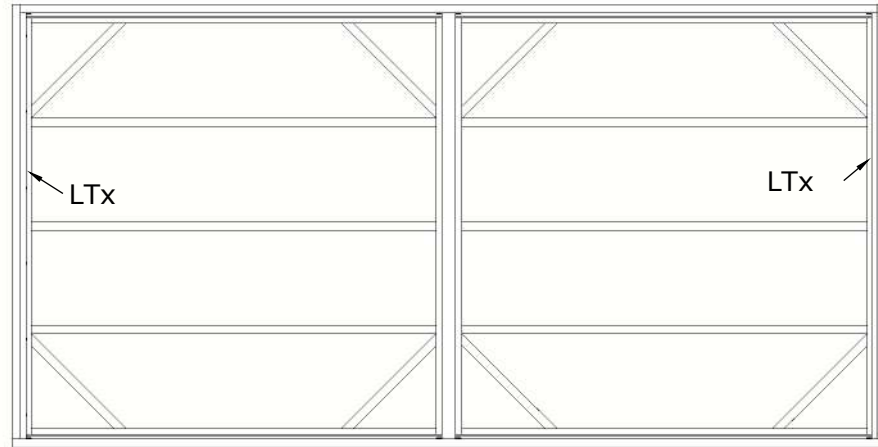
Es darf kein einziges Teil mit einer Schraube an den Wandbalken befestigt werden!



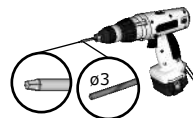
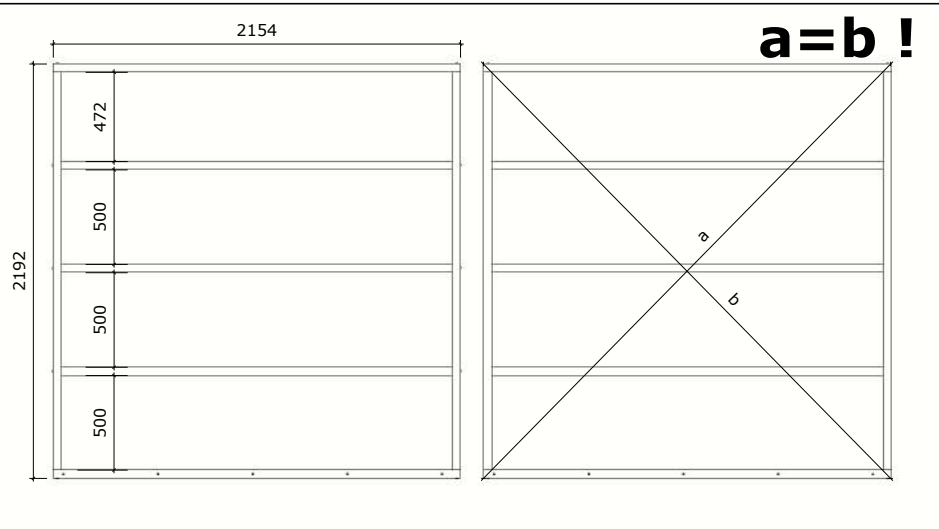




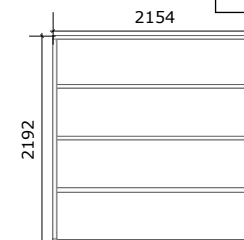
**Es darf kein
einziges Teil mit
einer Schraube an
den Wandbalken
befestigt werden!**



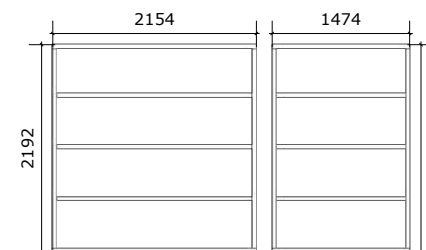
**Es darf kein
einziges Teil
mit
einer Schraube an
den Wandbalken
befestigt werden!**



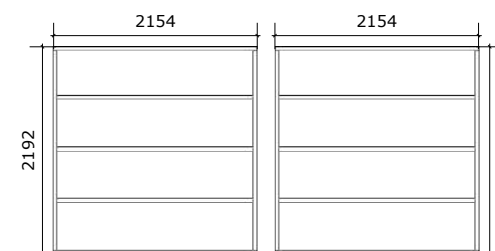
10



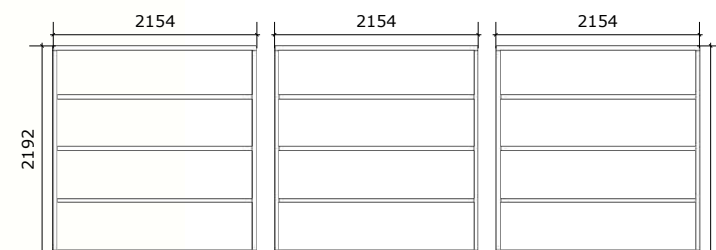
Variante A



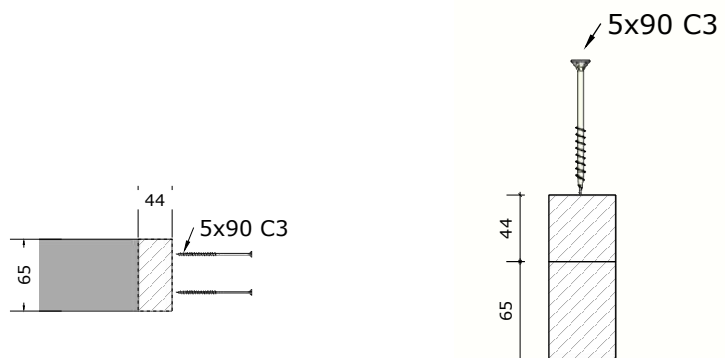
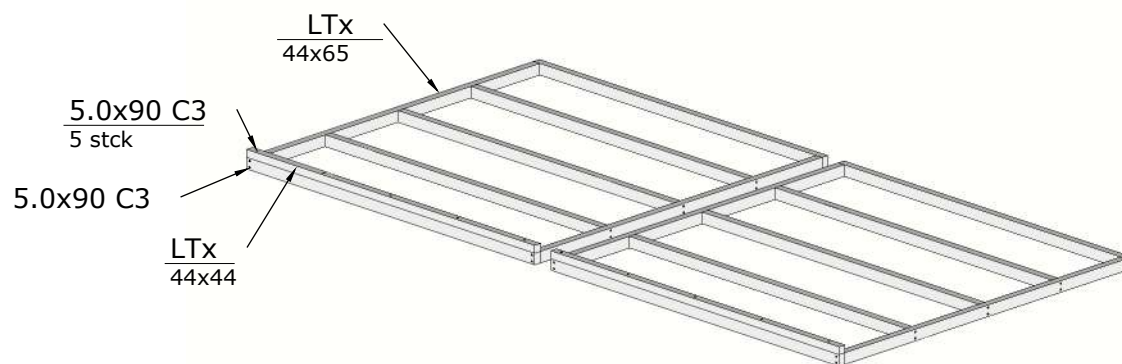
Variante B

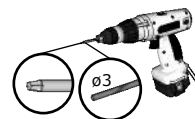
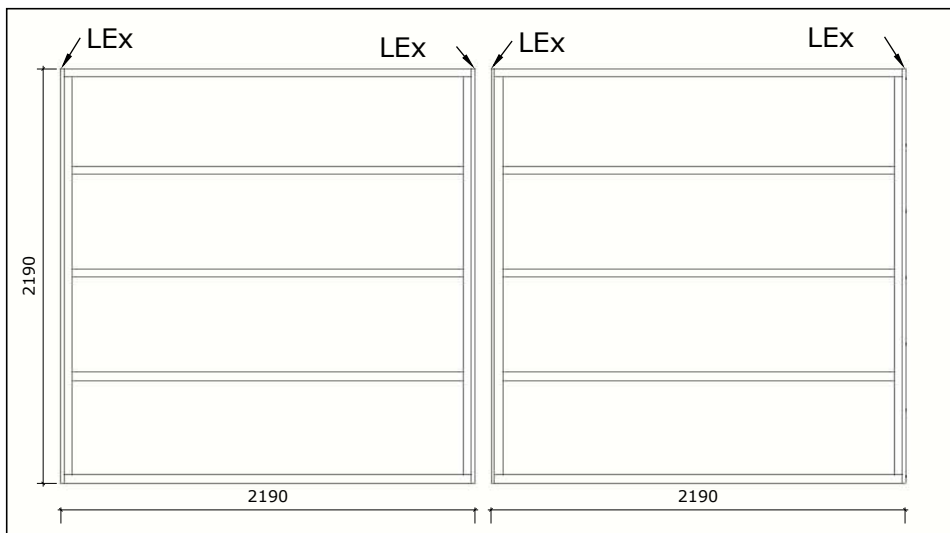


Variante C

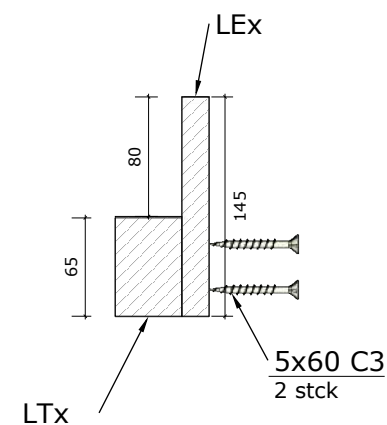
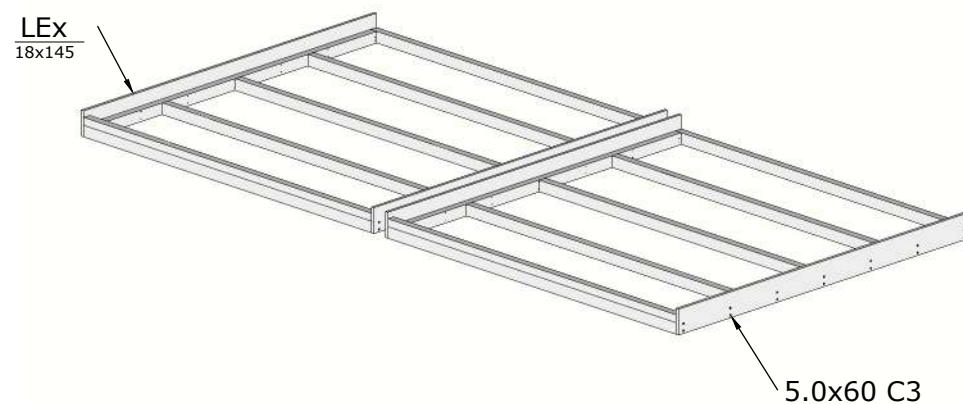


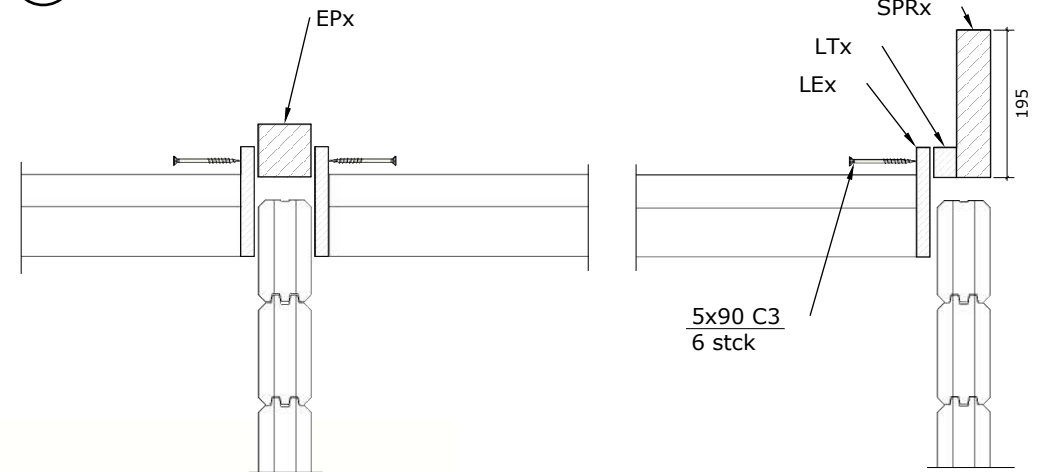
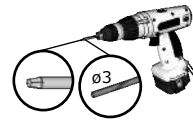
Variante D



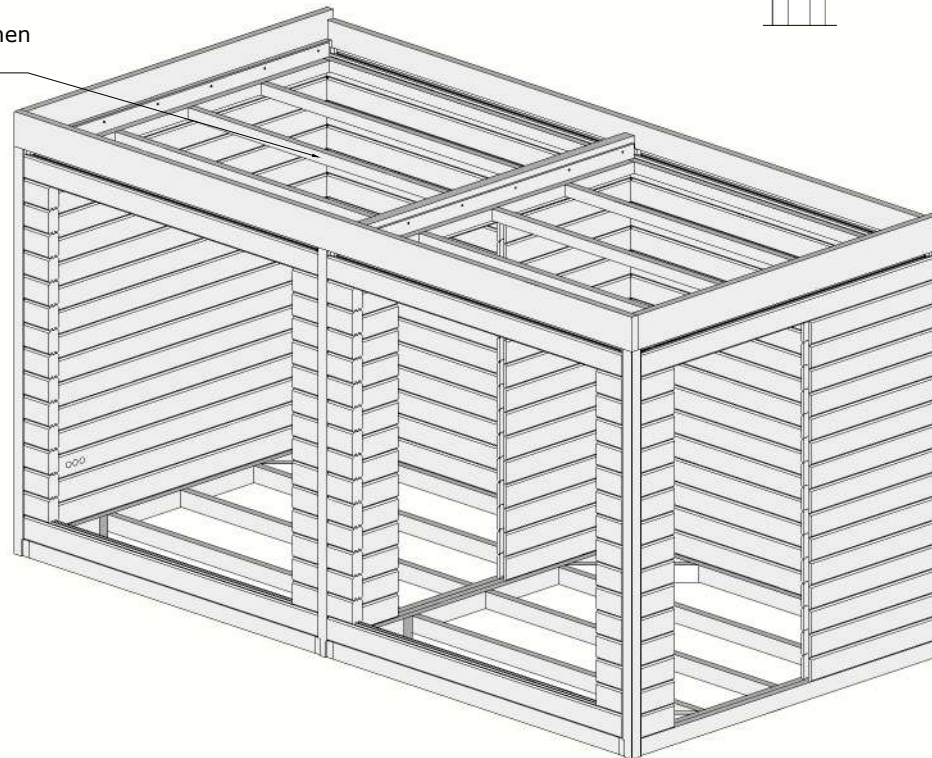


11

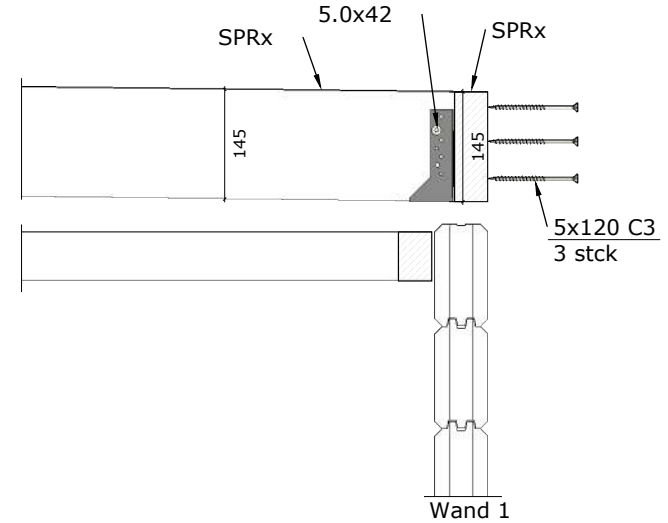
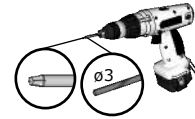
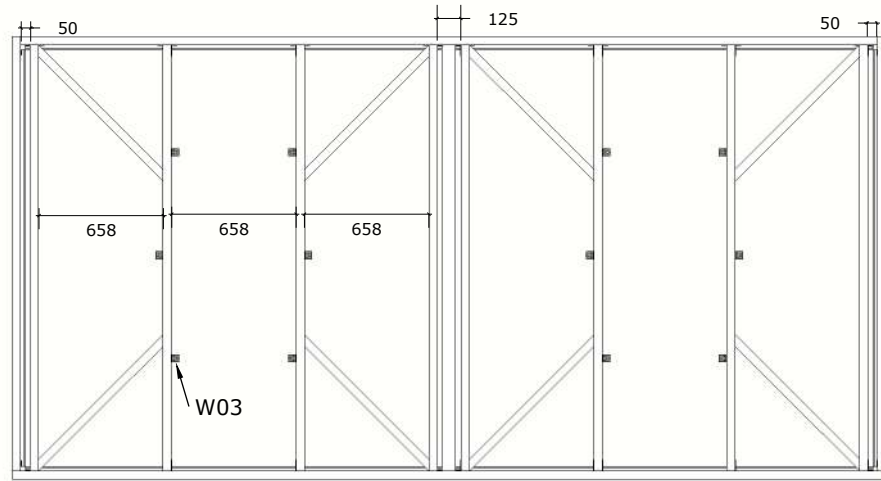




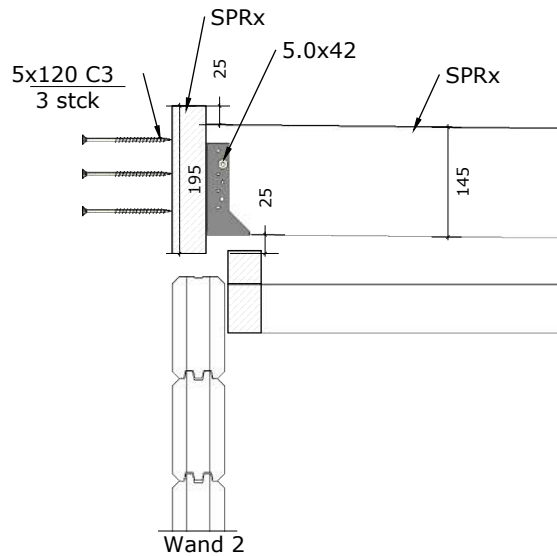
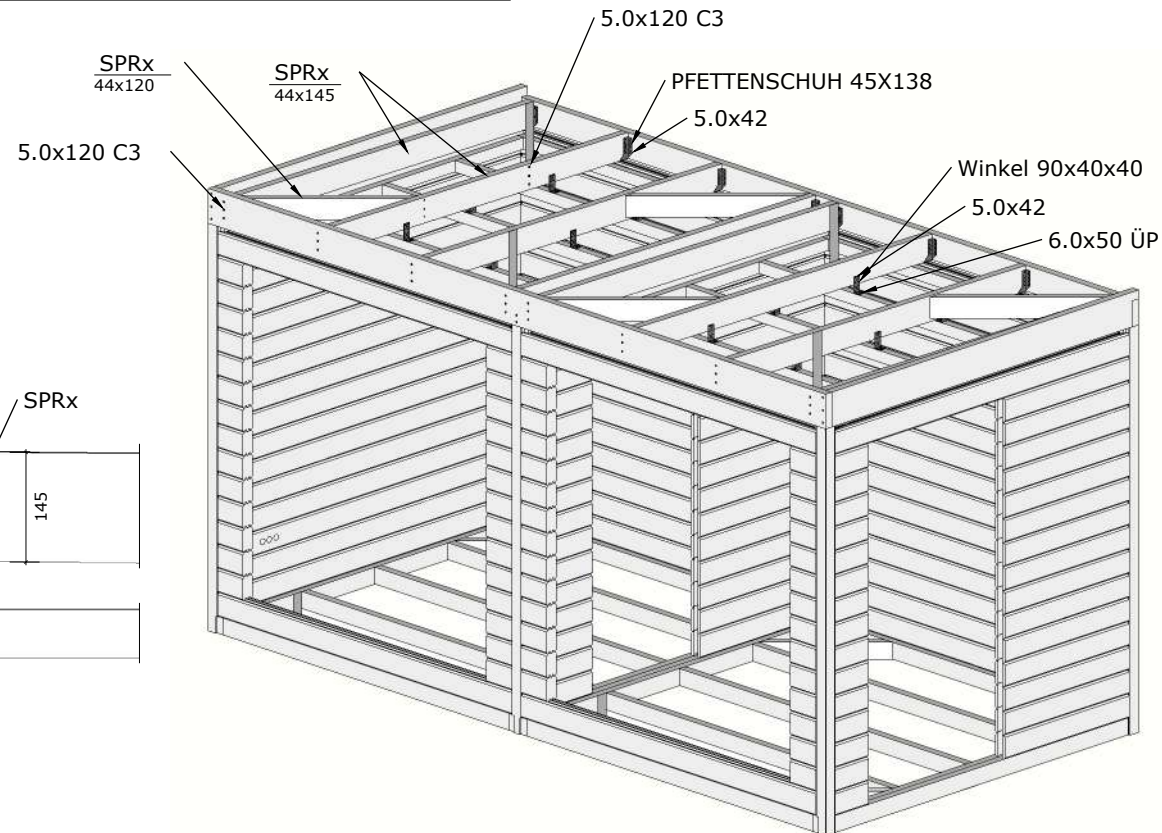
Bei Bedarf kann eine Deckenisolierung zwischen die LTx-Balken eingebaut werden.



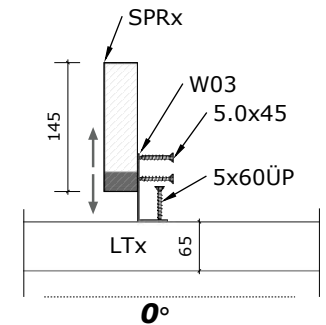
Es darf kein einziges Teil mit einer Schraube an den Wandbalken befestigt werden!



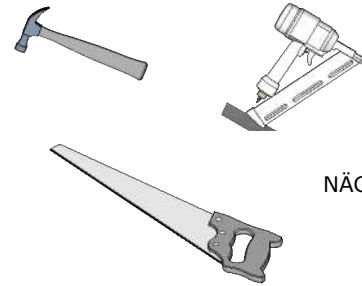
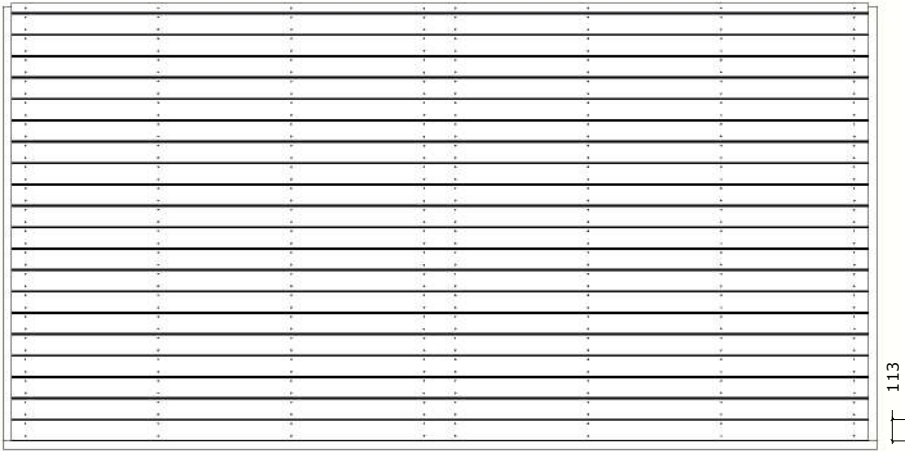
Wand 1



Wand 2

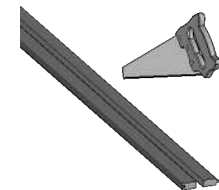
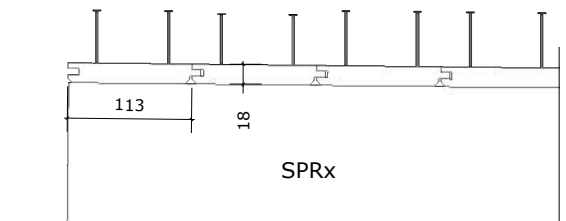
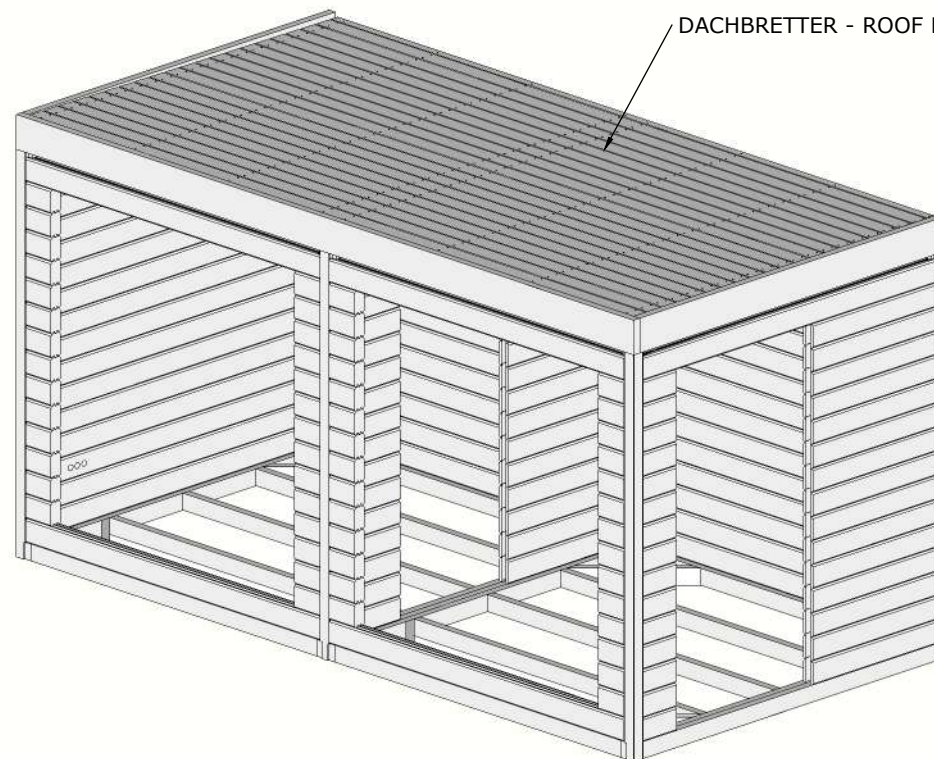
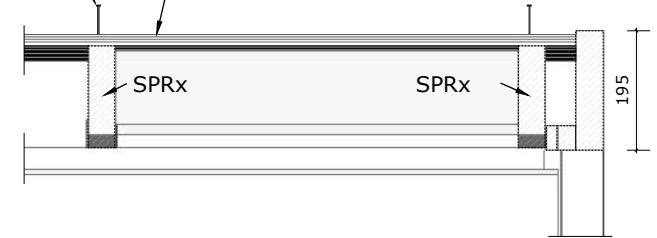


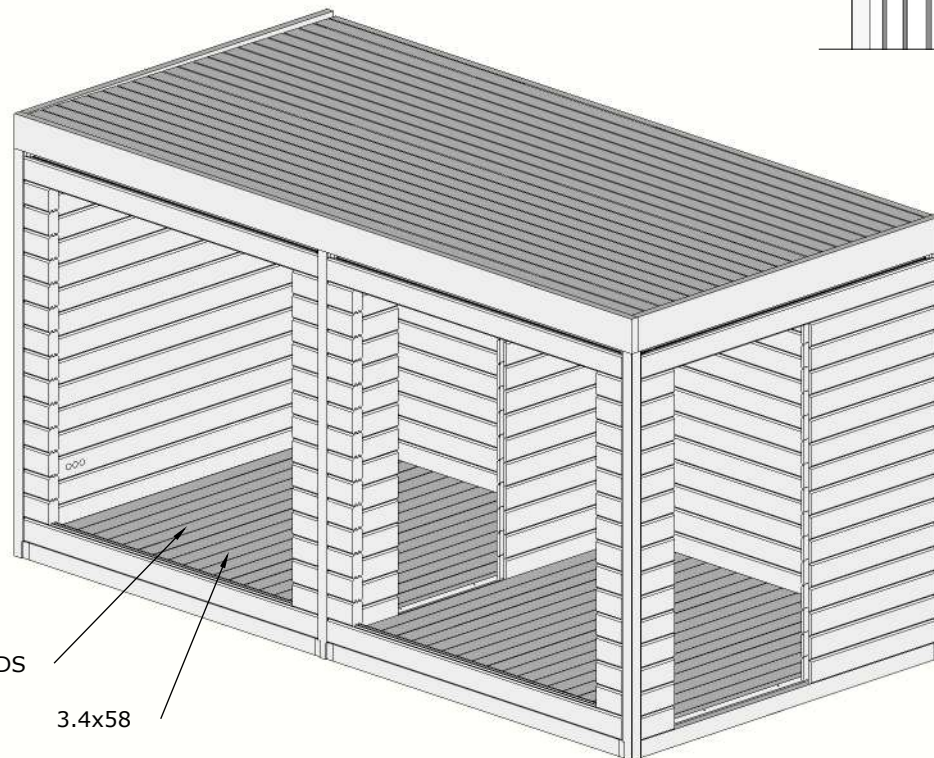
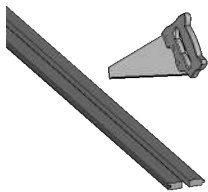
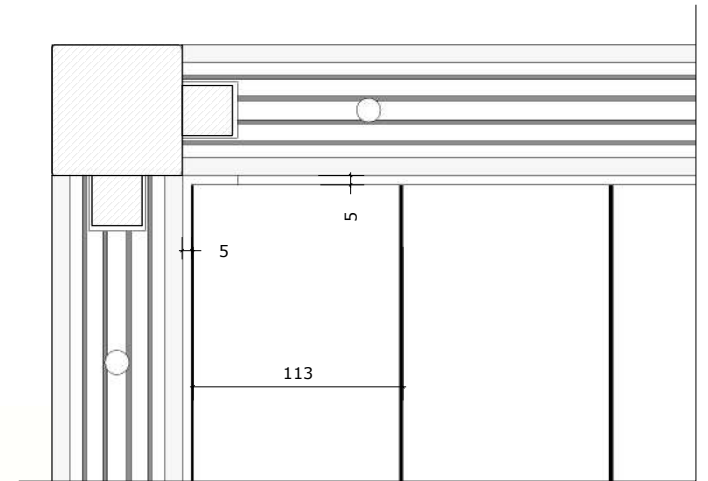
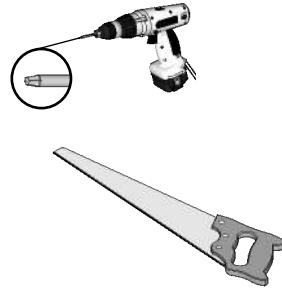
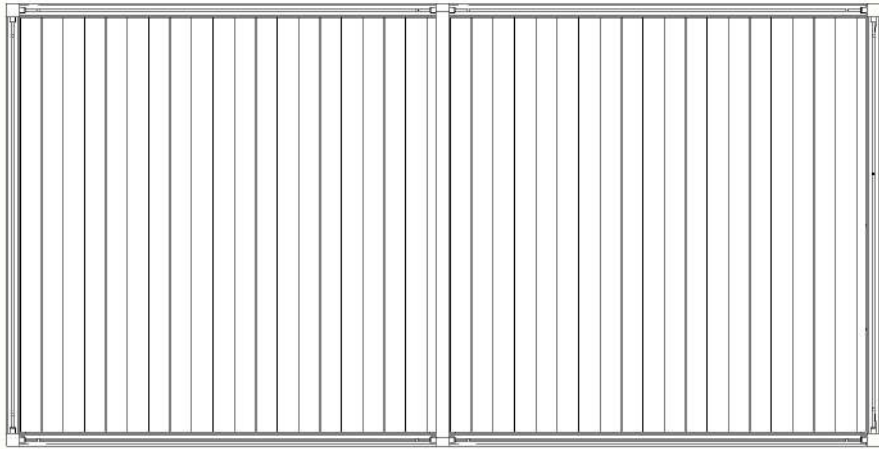
Es darf kein einziges Teil mit einer Schraube an den Wandbalken befestigt werden!



NÄGEL 2.5x50

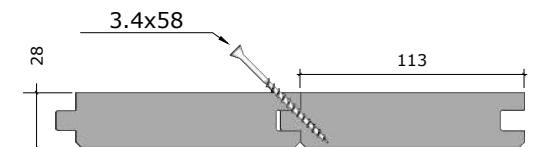
DACHBRETT - ROOF BOARD

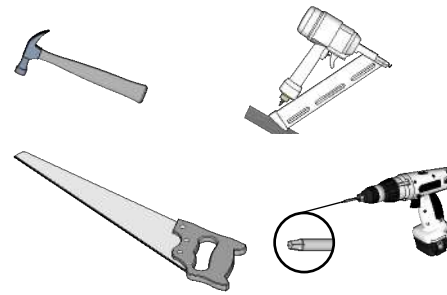
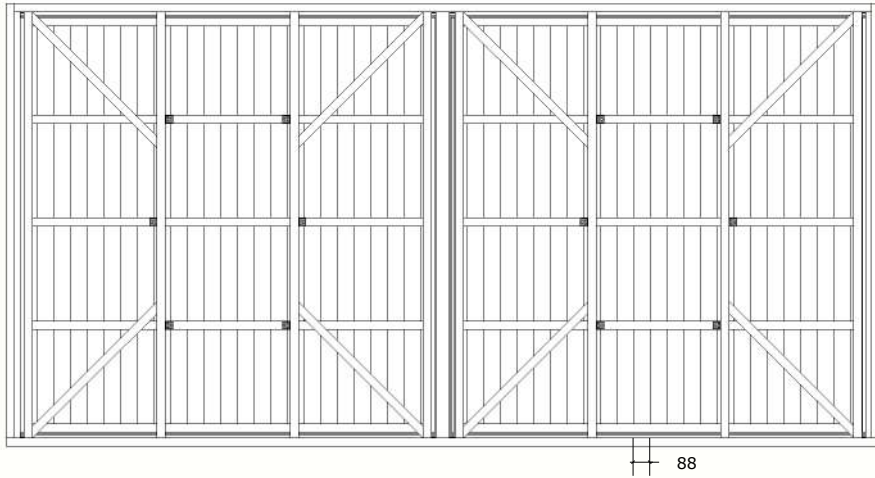




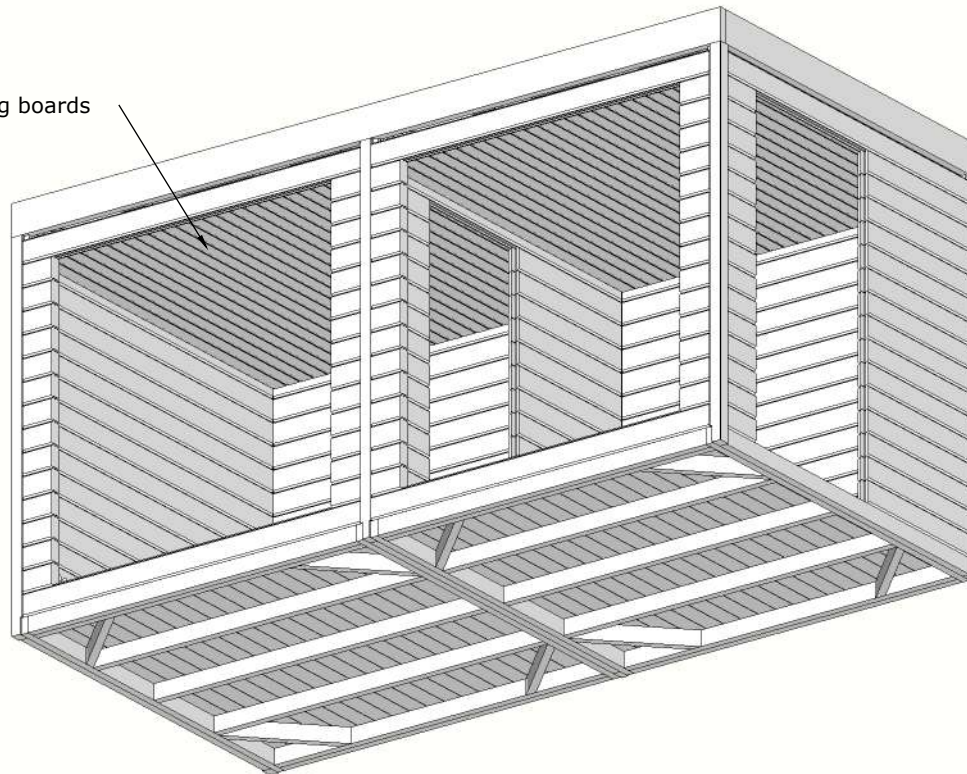
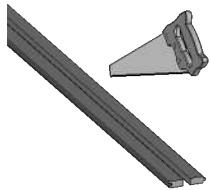
FUSSBODENBRETTER - FLOOR BOARDS

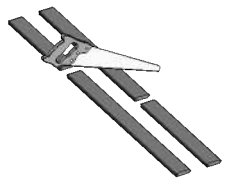
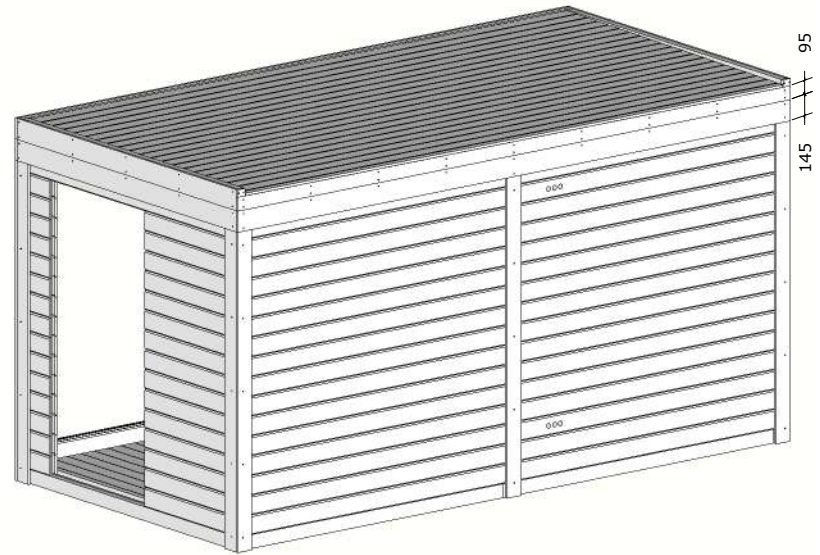
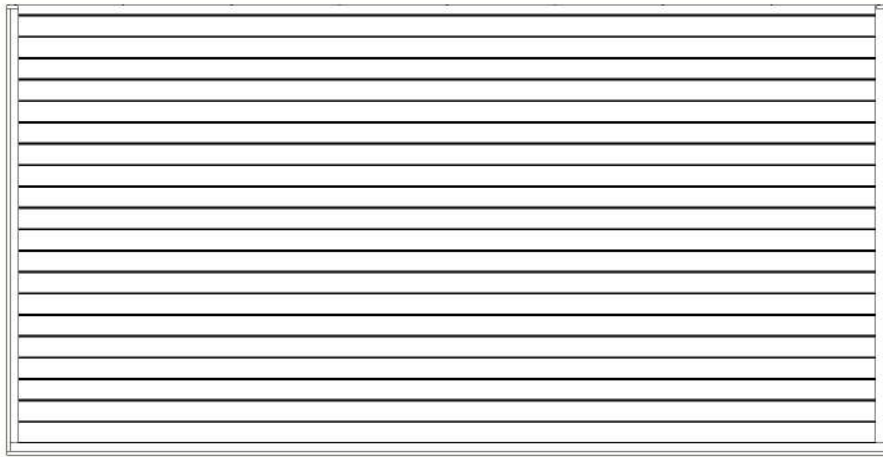
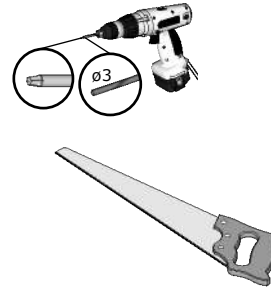
3.4x58





Deckenbretter - Ceiling boards

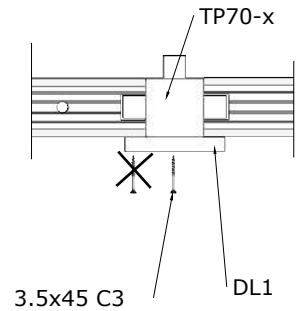
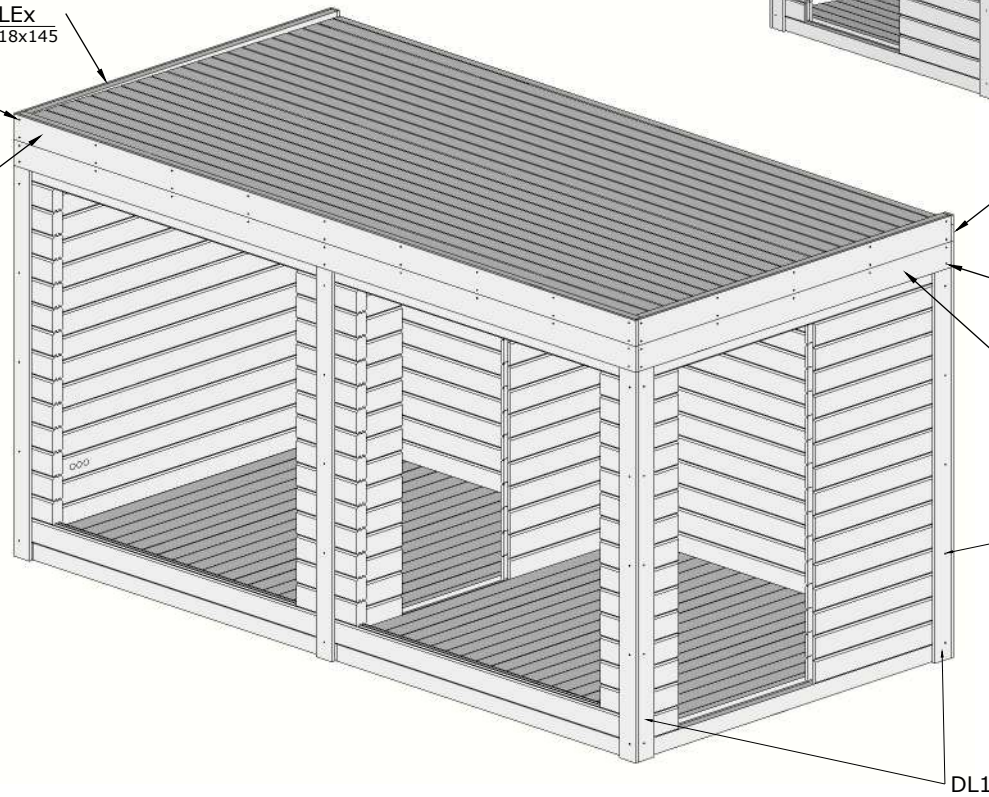
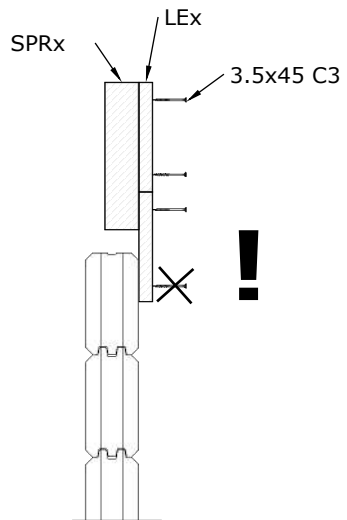




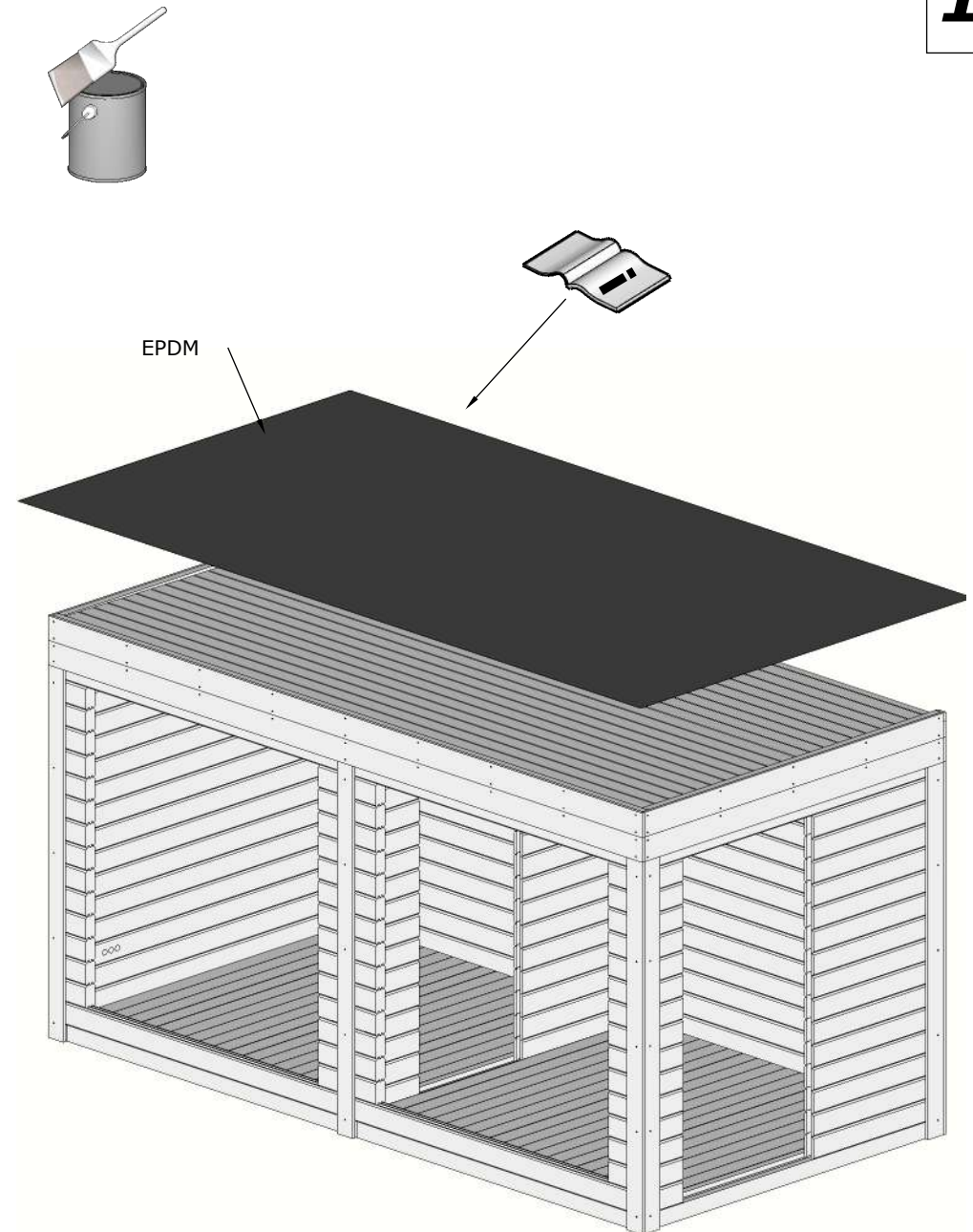
LEx
18x145

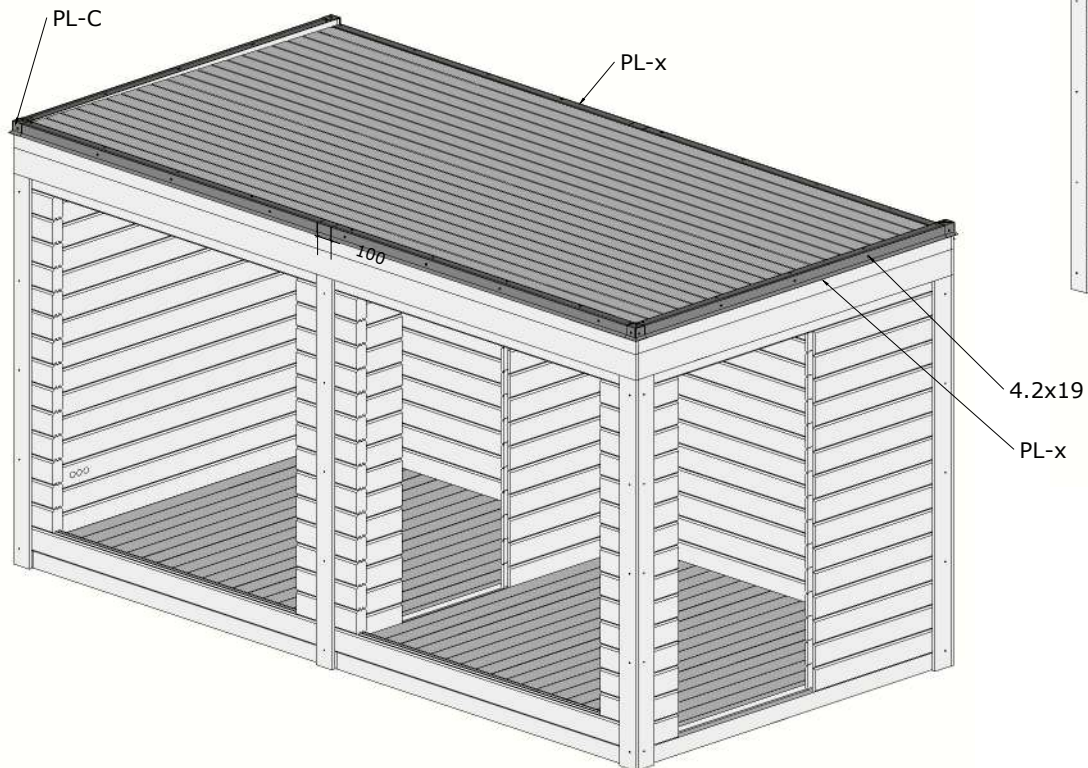
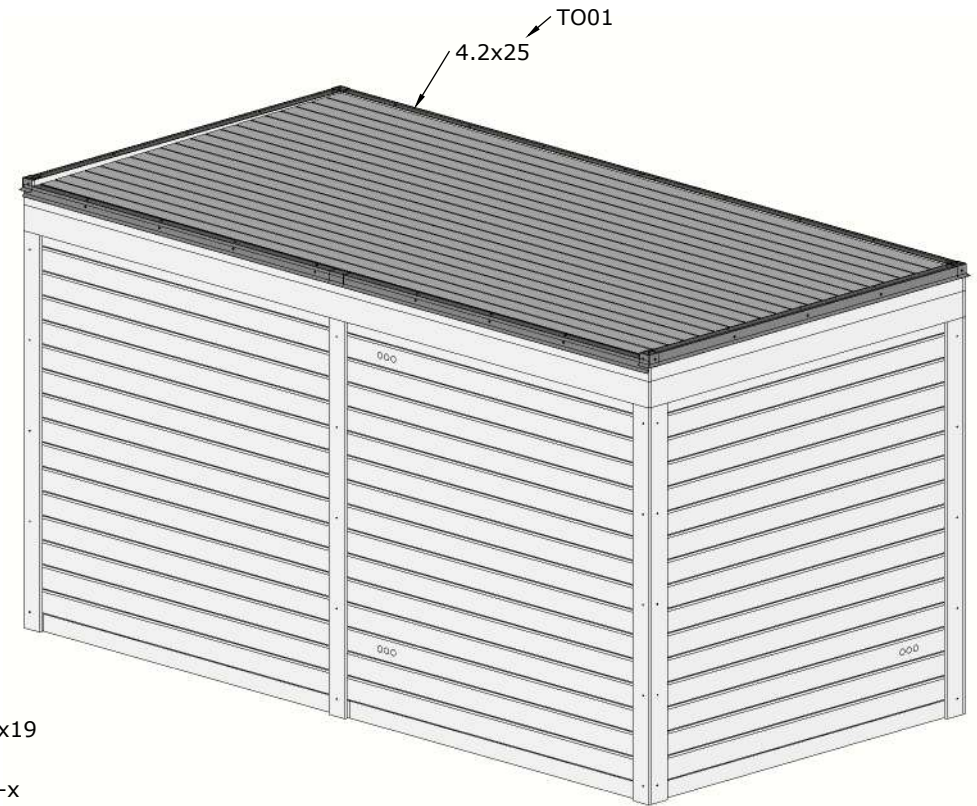
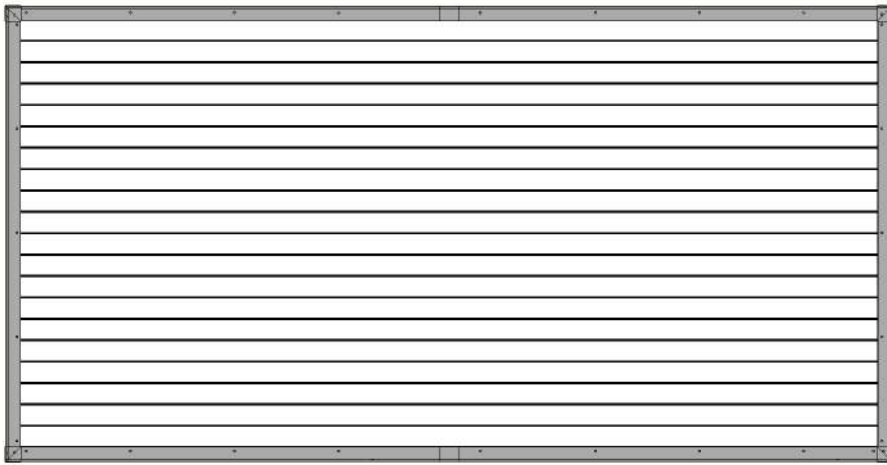
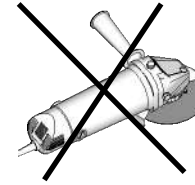
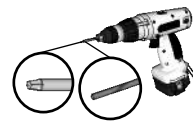
3.5x45 C3

LEx
18x145

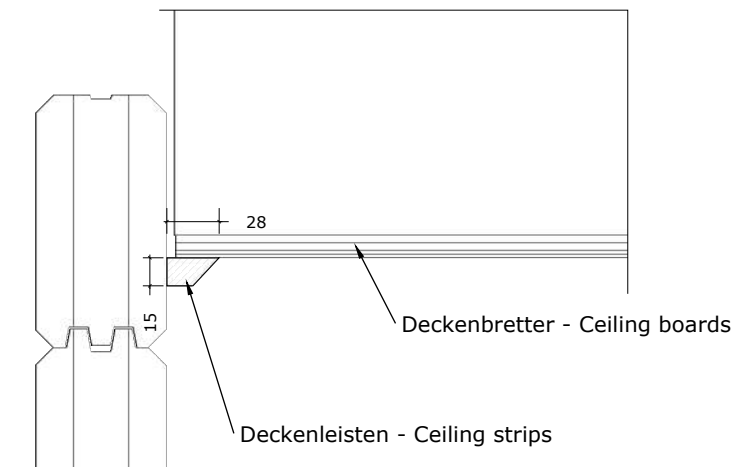
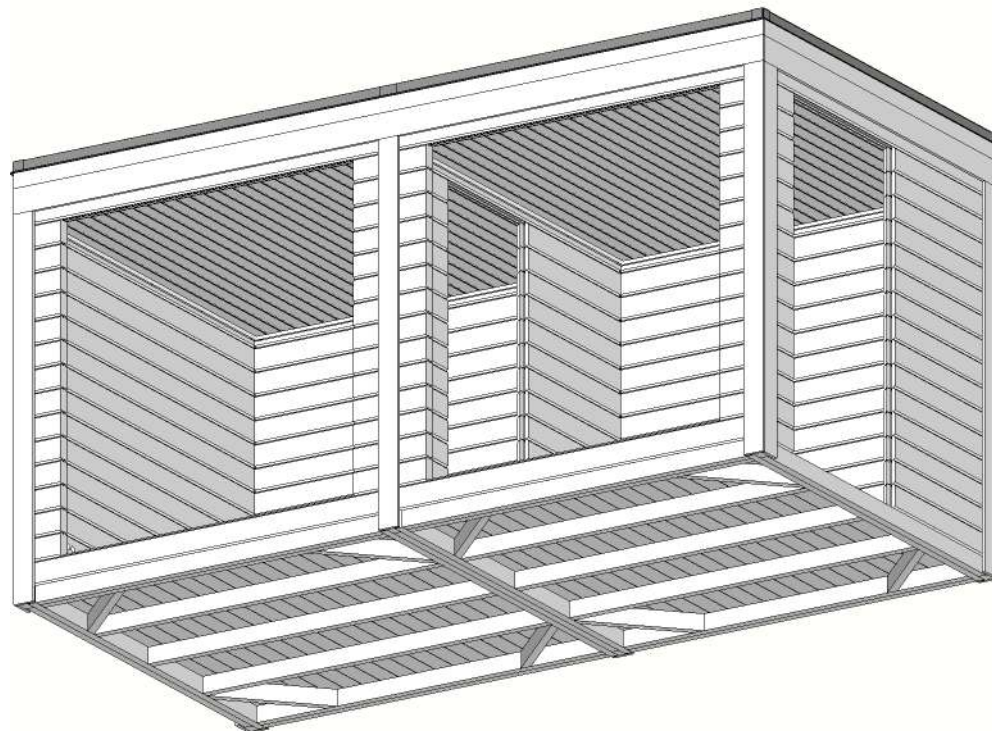
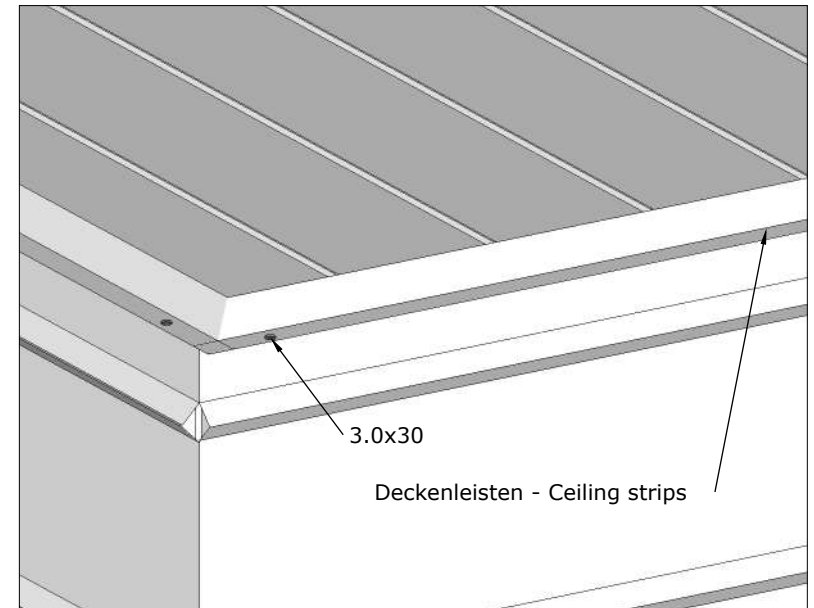
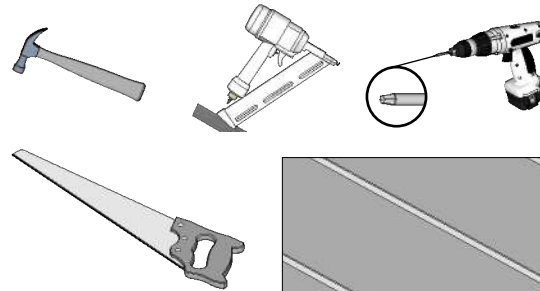
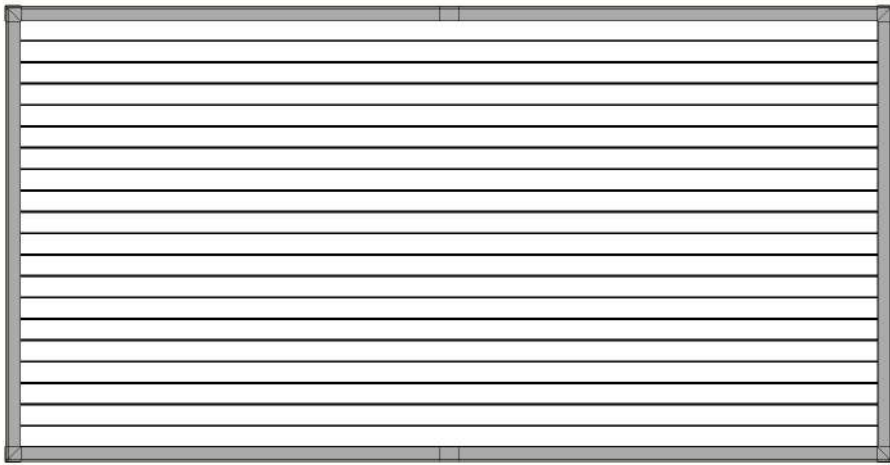


**Es darf kein
einziges Teil mit
einer Schraube an
den Wandbalken
befestigt werden!**

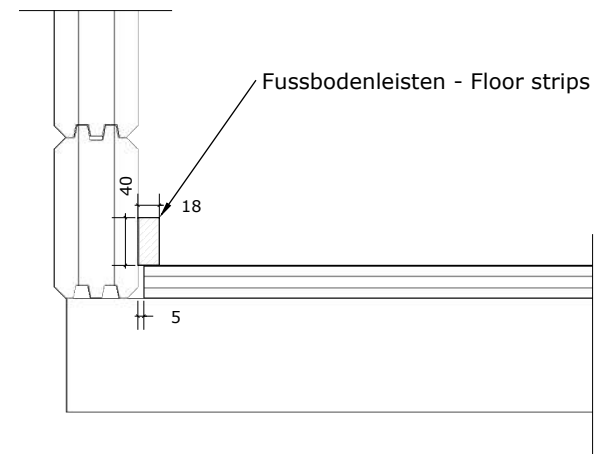
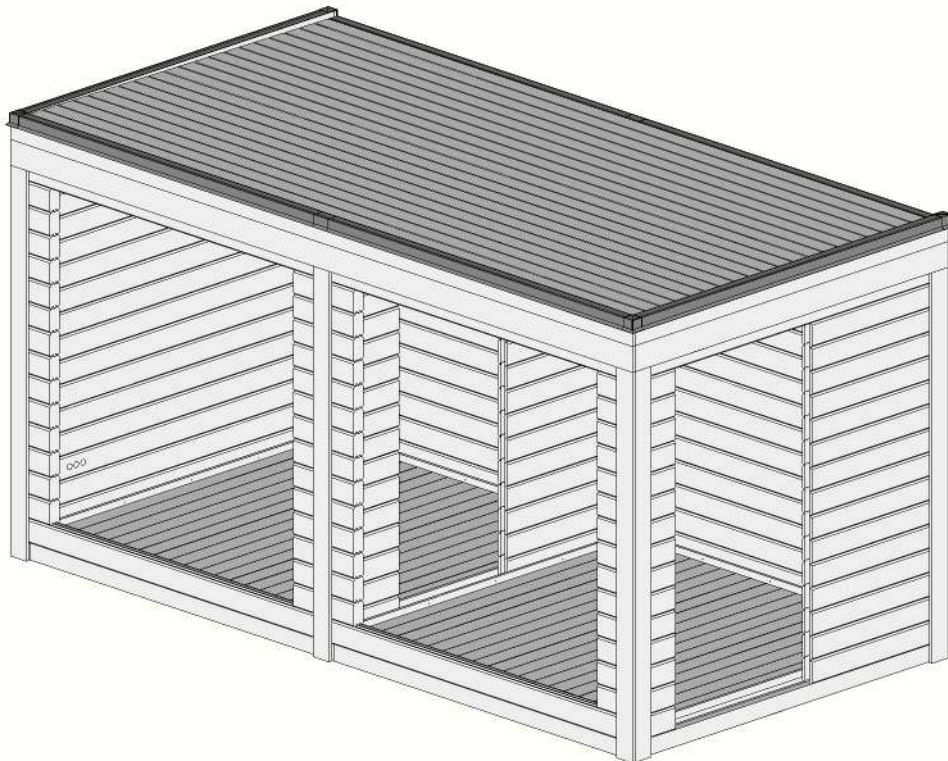
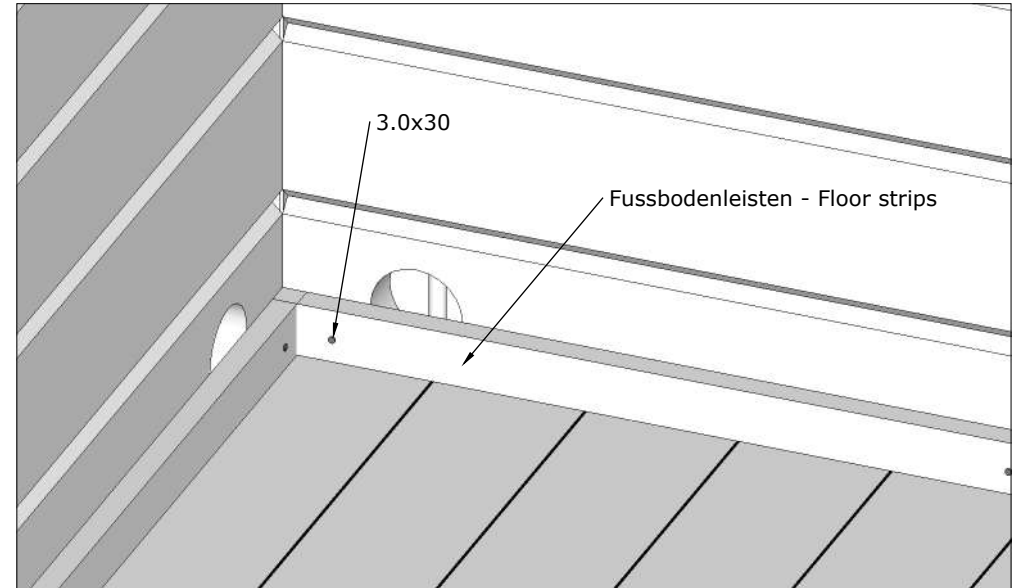
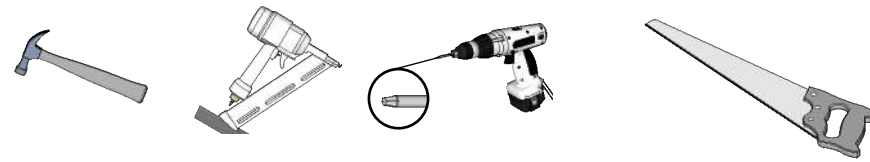
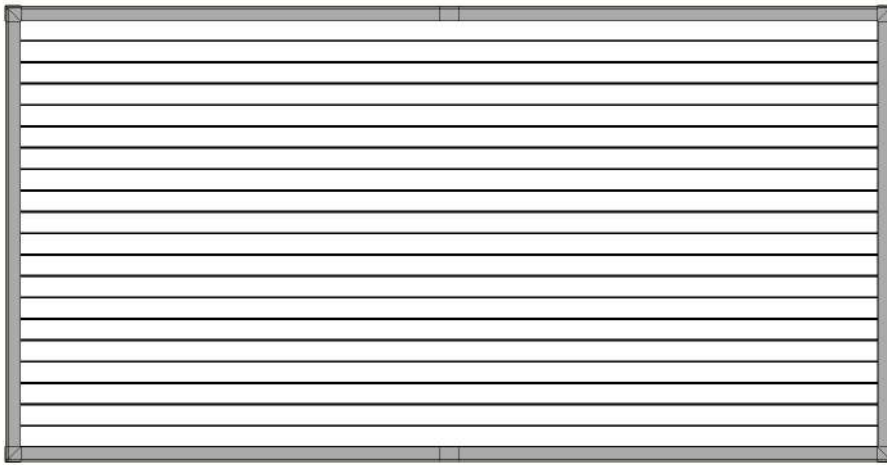


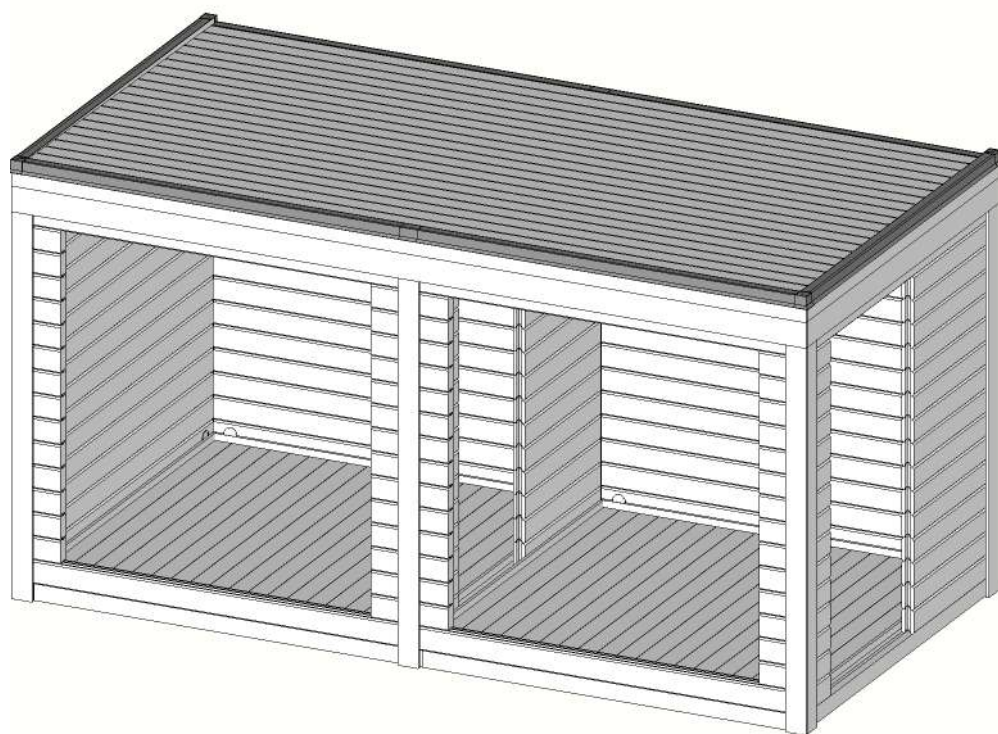
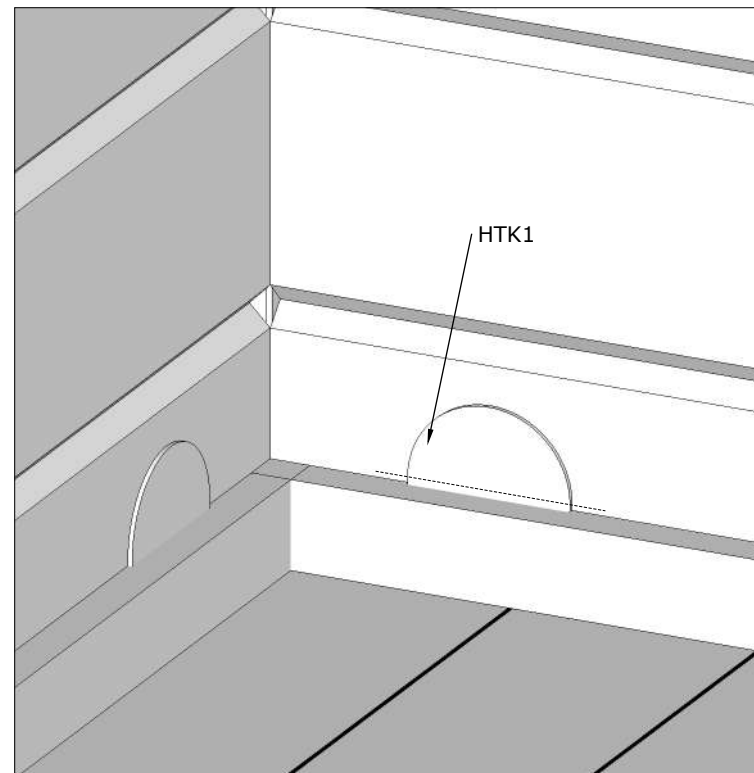
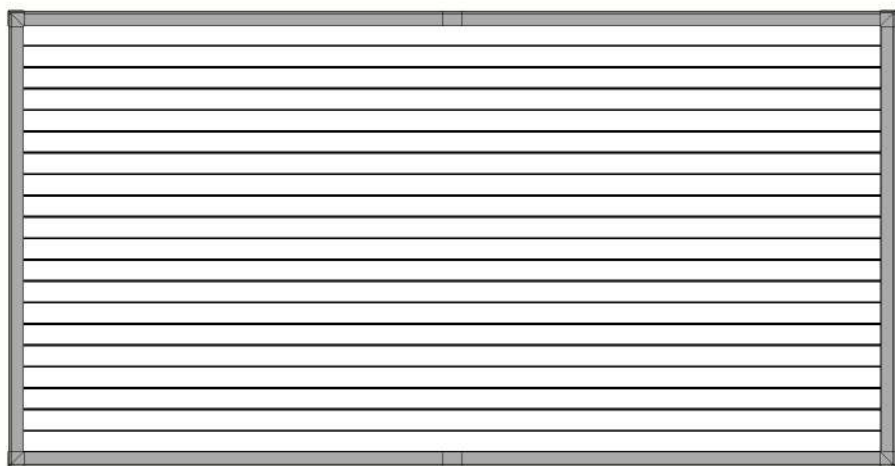


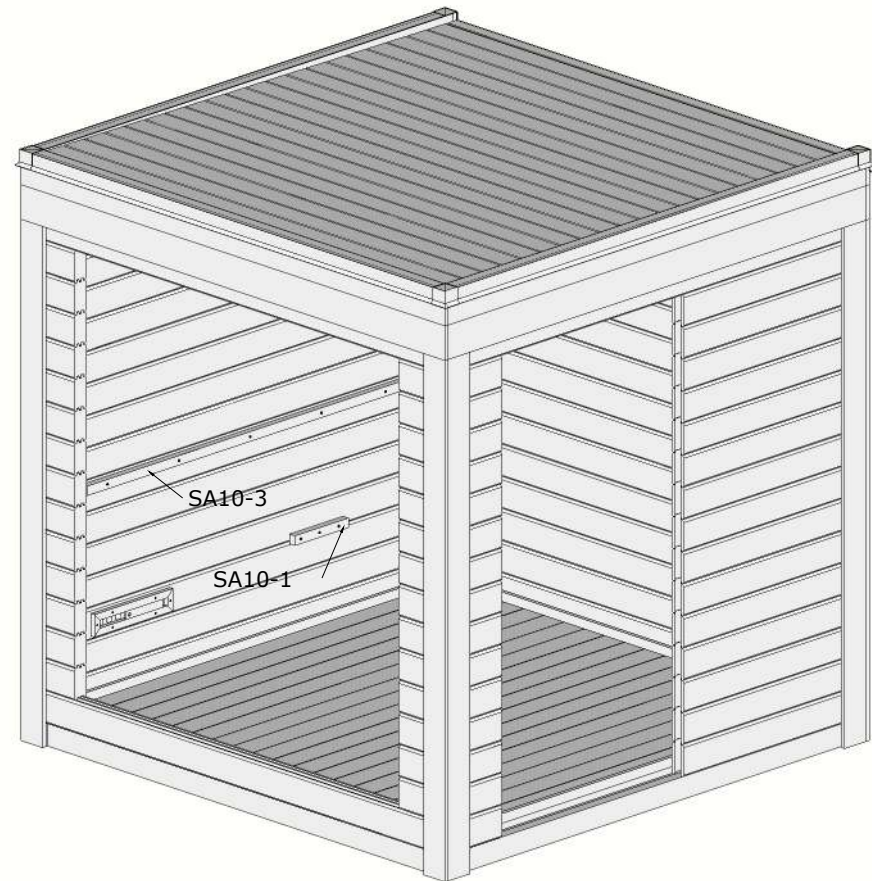
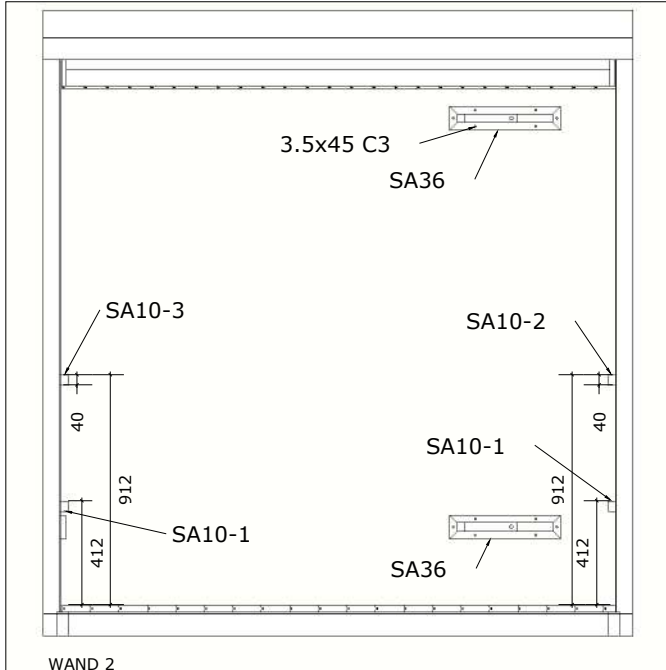
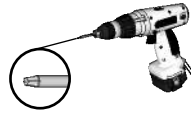
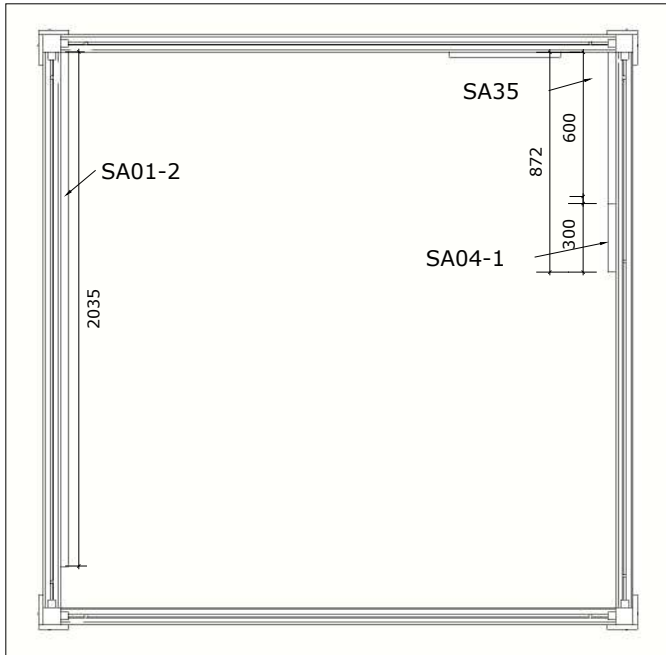
**Es darf kein
einziges Teil mit
einer Schraube an
den Wandbalken
befestigt werden!**

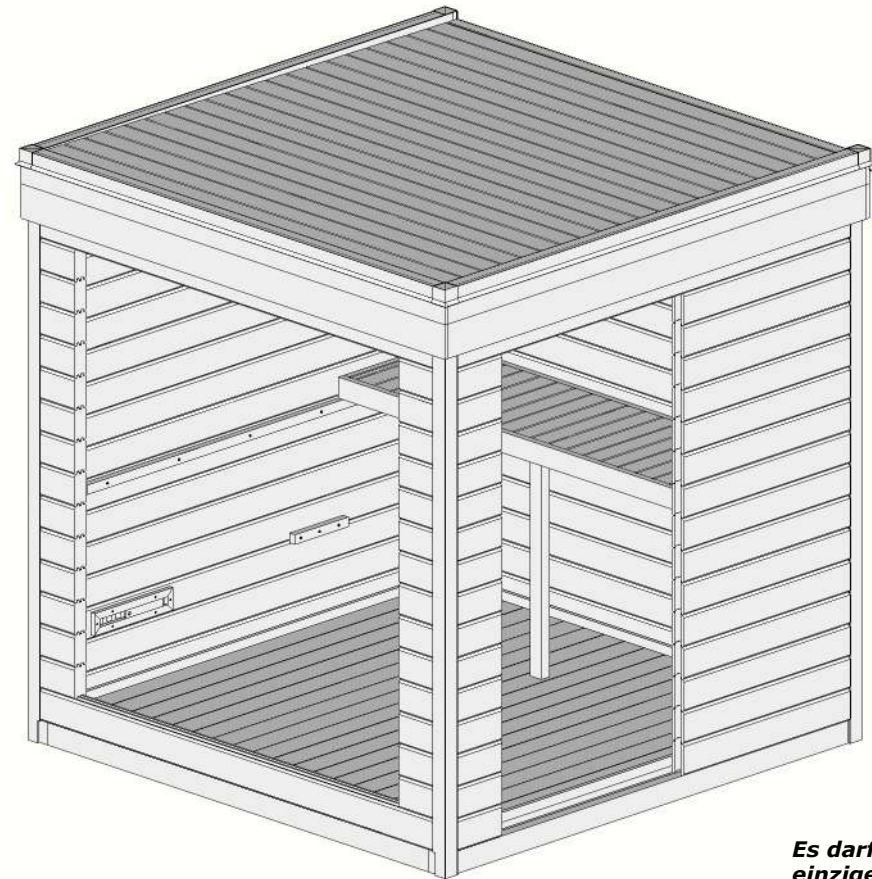
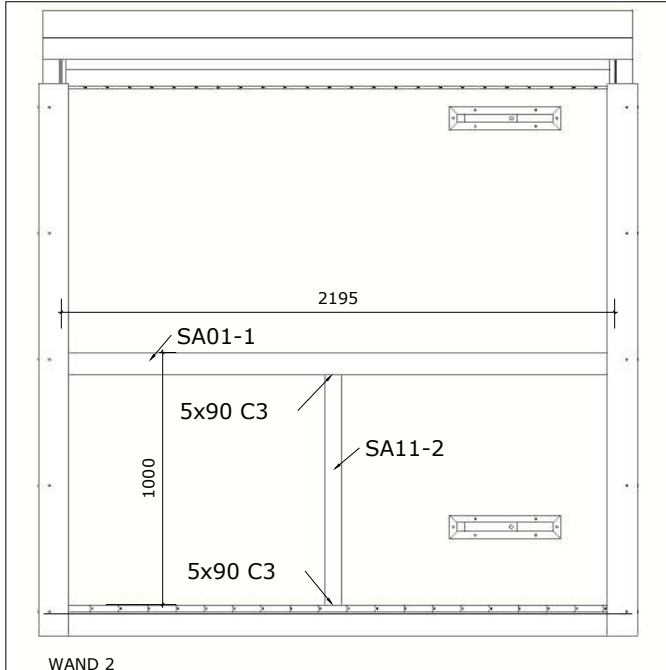
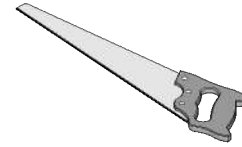
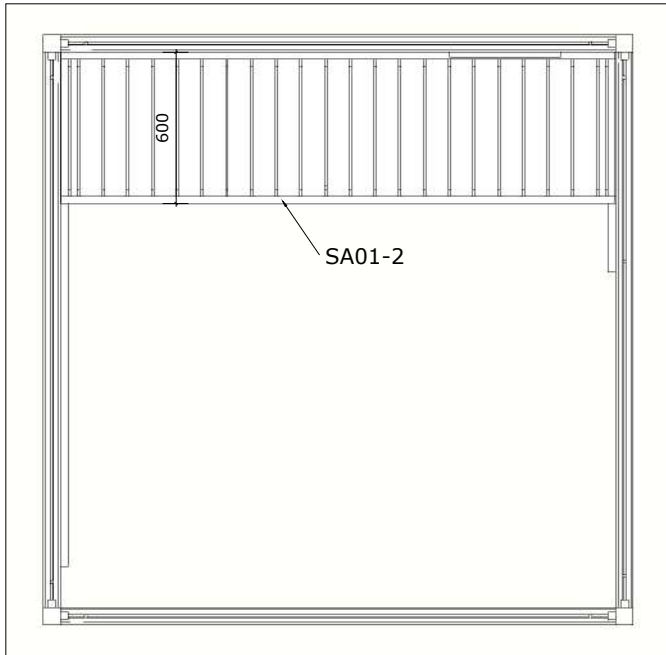


Es darf kein einziges Teil mit einer Schraube an den Wandbalken befestigt werden!

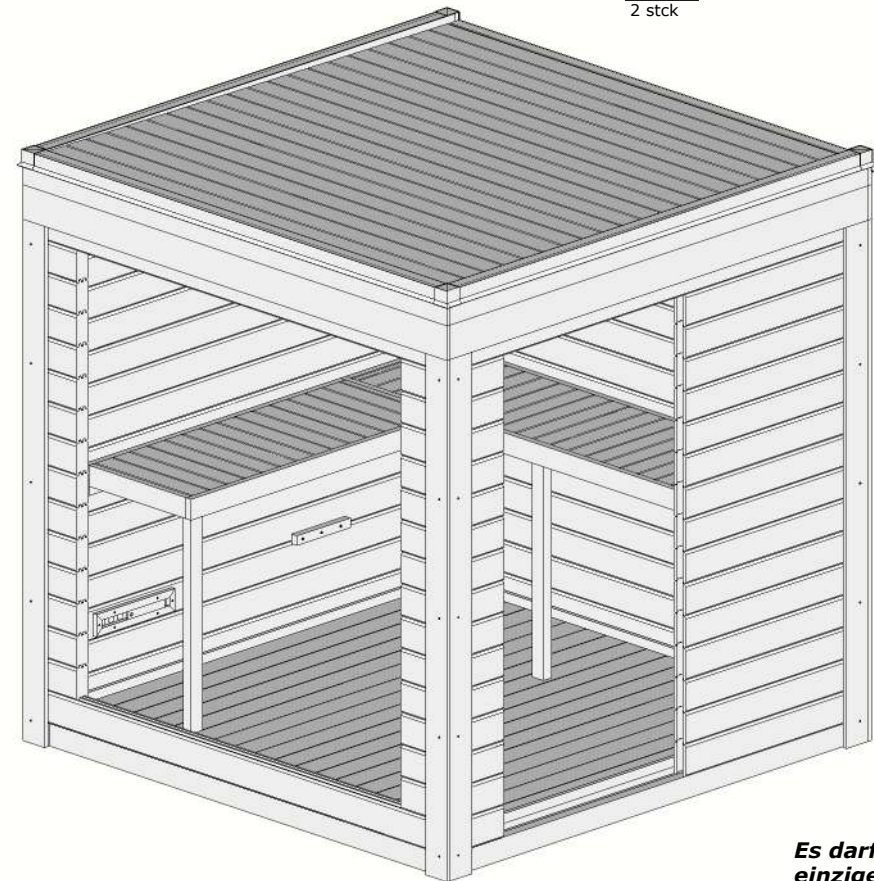
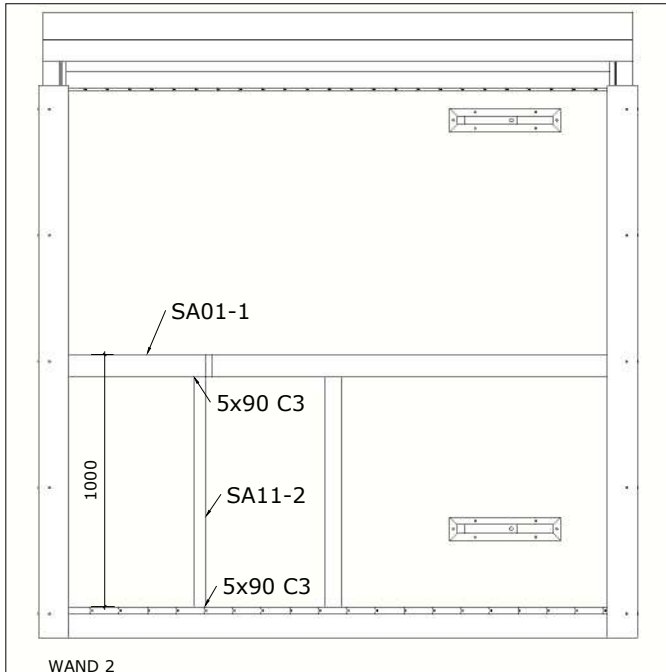
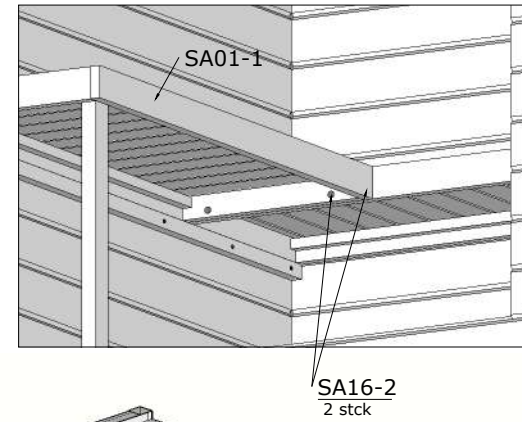
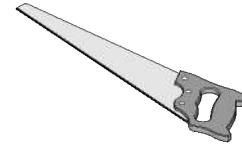
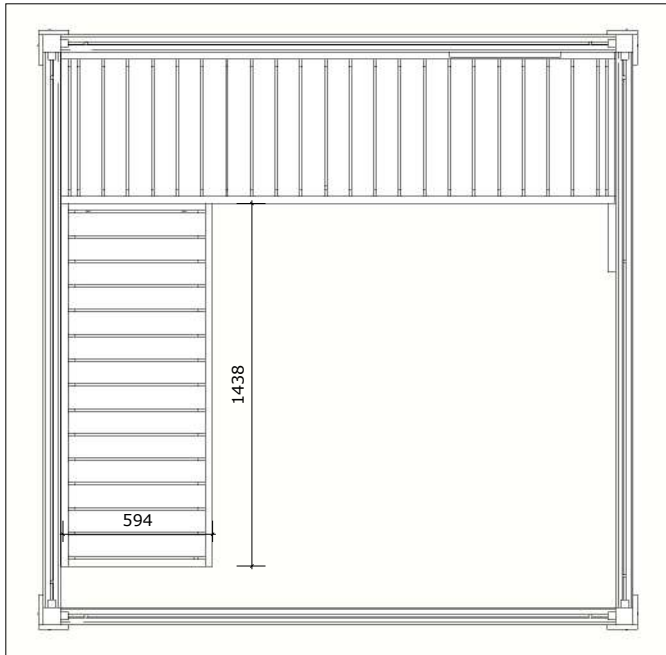




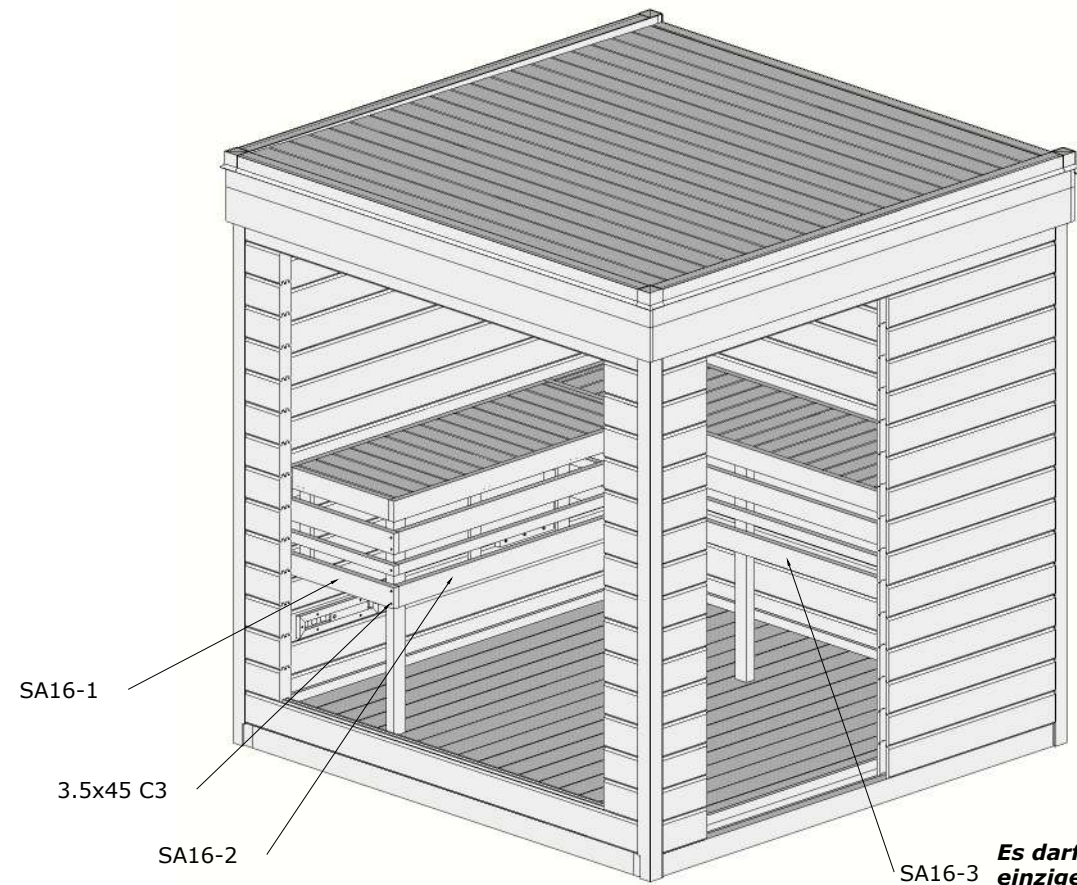
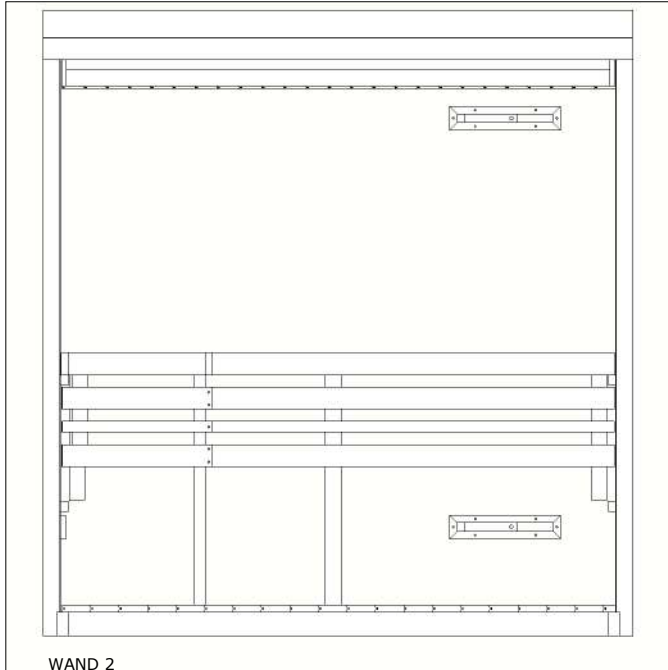
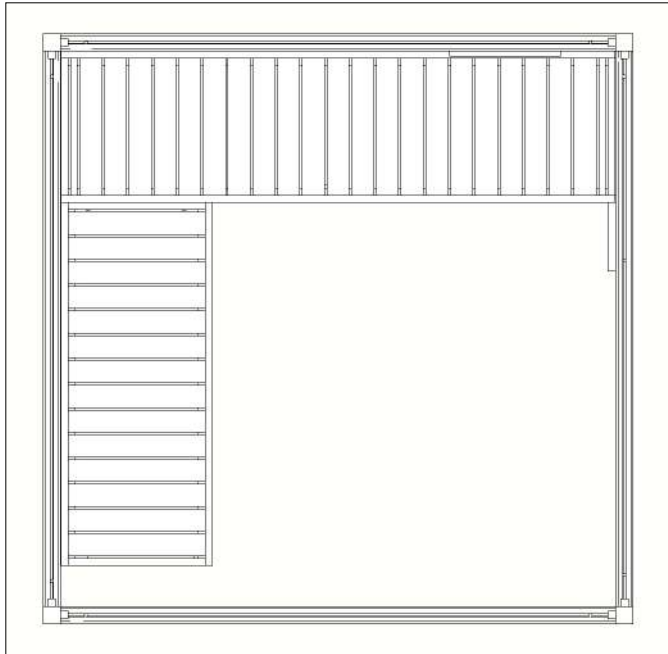
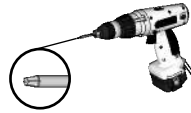




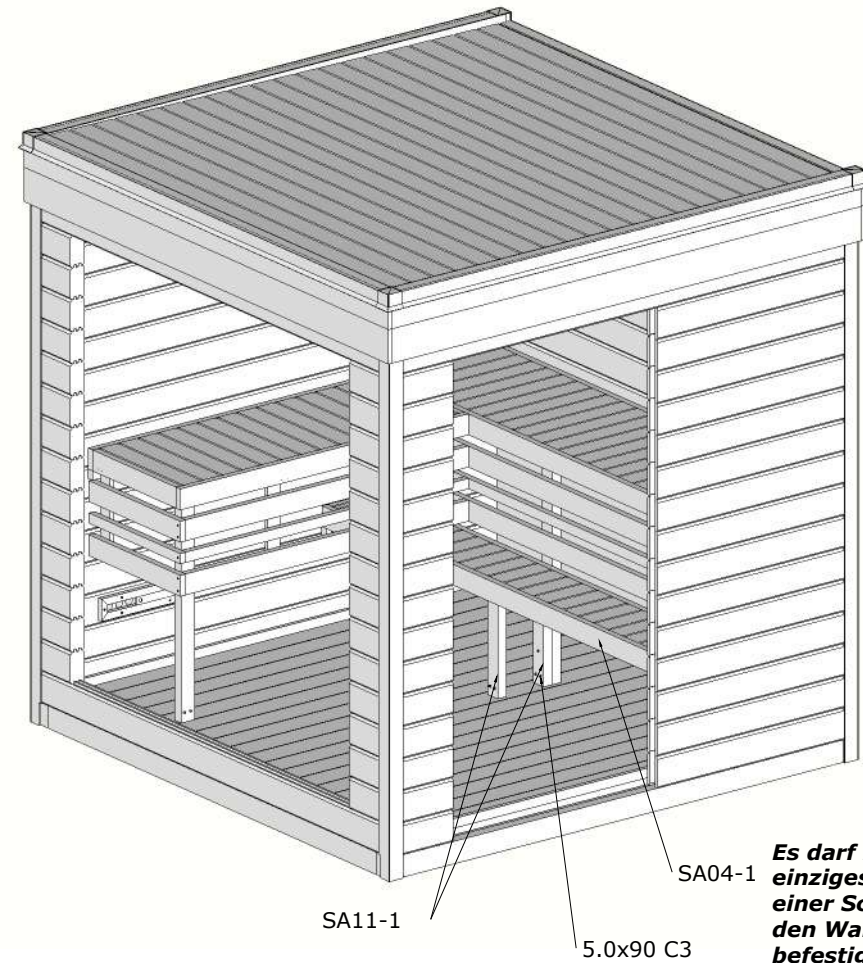
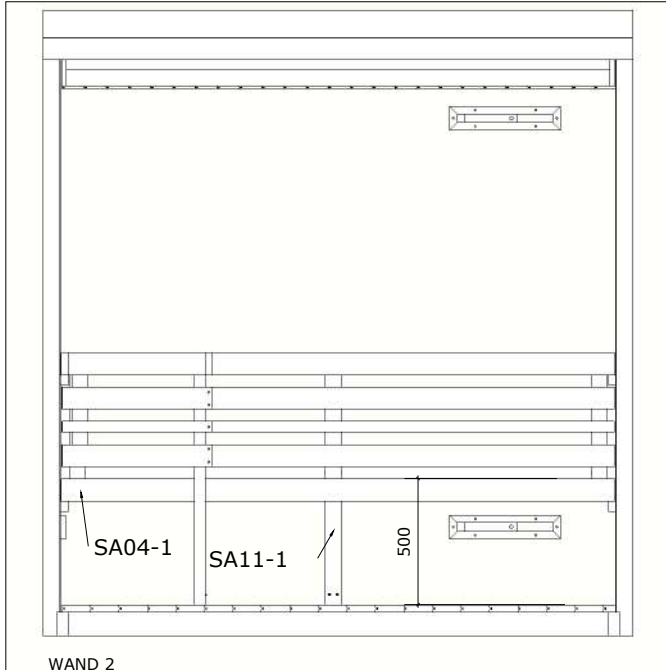
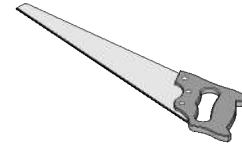
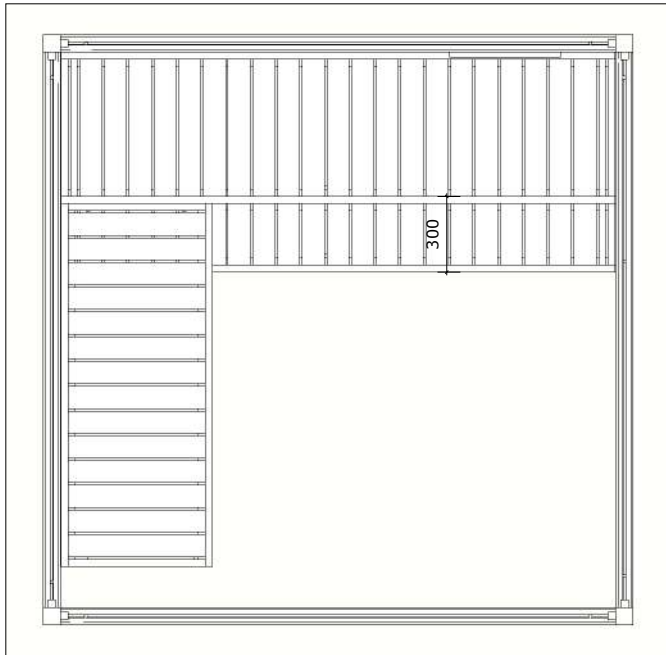
**Es darf kein
einziges Teil mit
einer Schraube an
den Wandbalken
befestigt werden!**

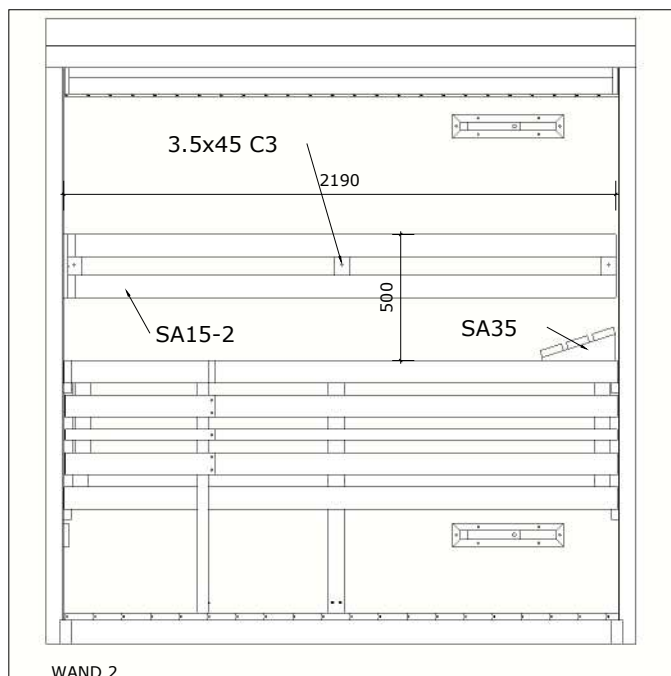
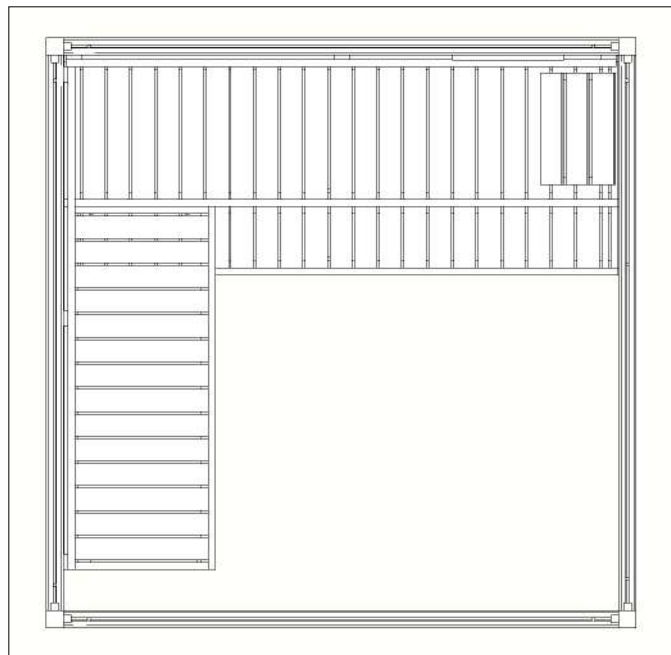


**Es darf kein
einziges Teil mit
einer Schraube an
den Wandbalken
befestigt werden!**



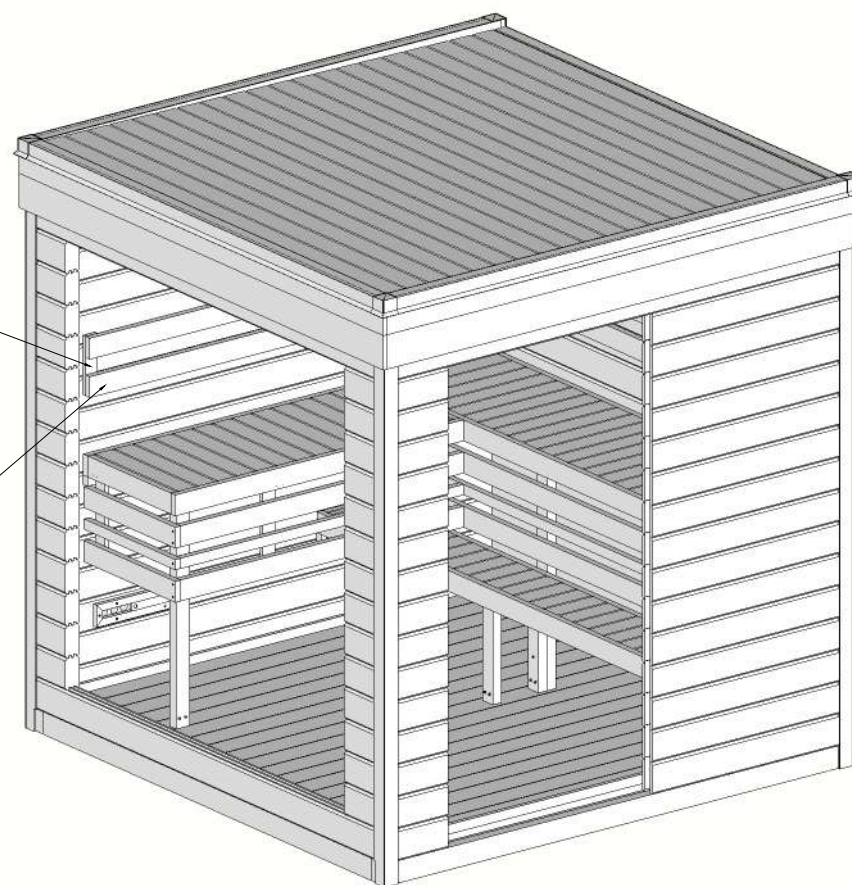
Es darf kein einziges Teil mit einer Schraube an den Wandbalken befestigt werden!

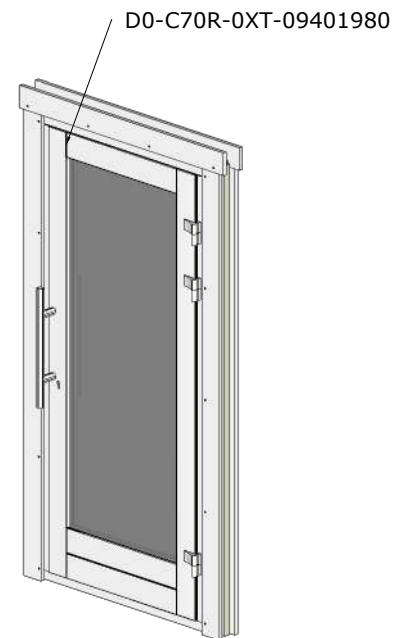
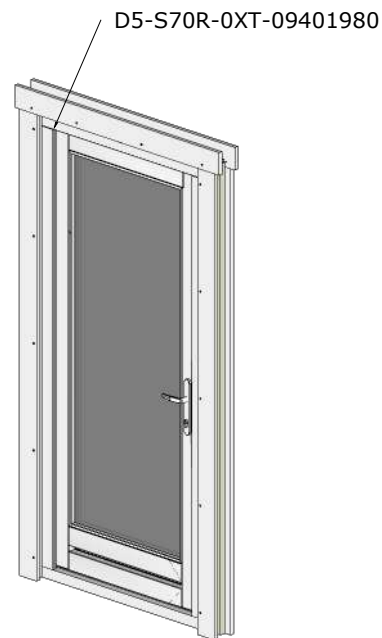
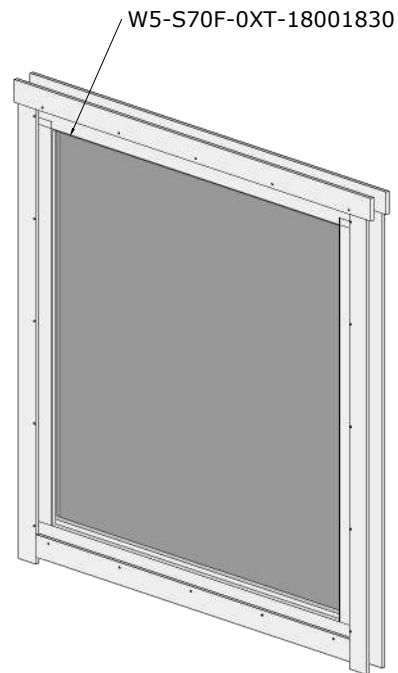
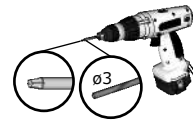




3.5x45 C3

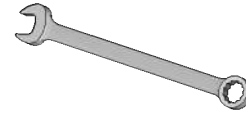
SA15-1



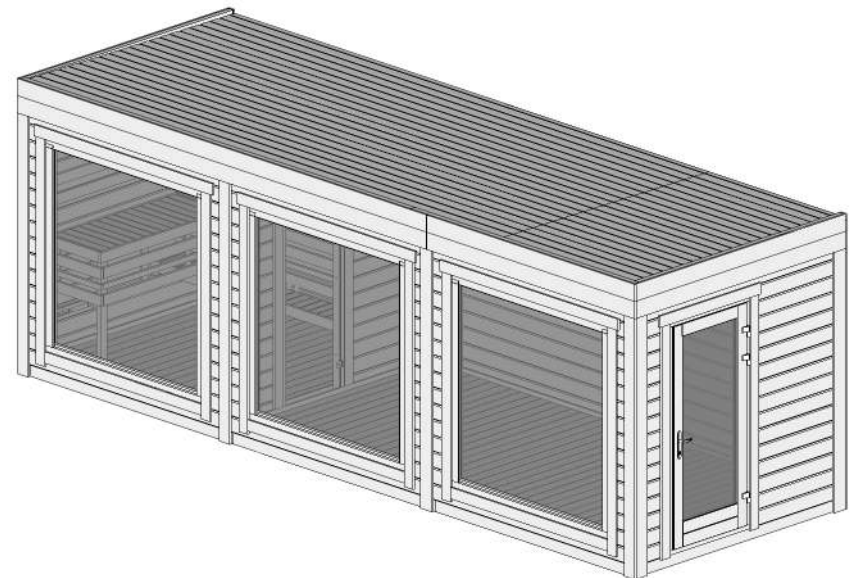
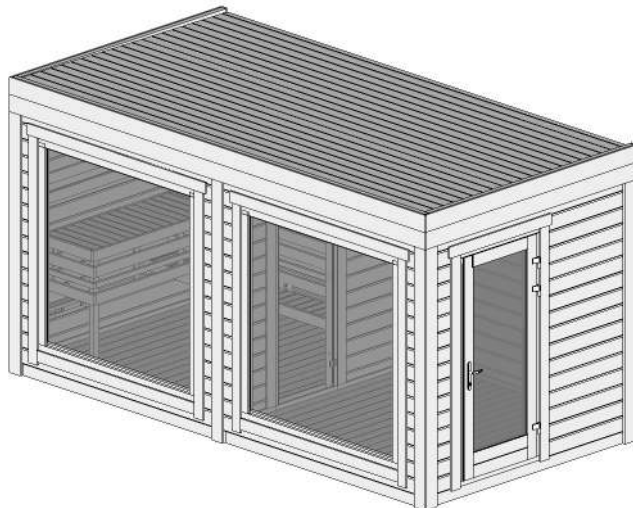
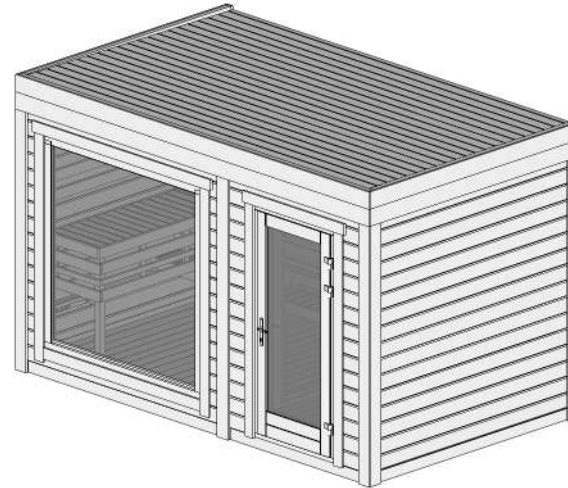
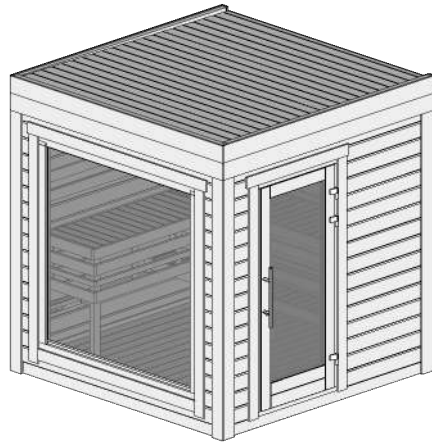


**Es darf kein
einziges Teil mit
einer Schraube an
den Wandbalken
befestigt werden!**

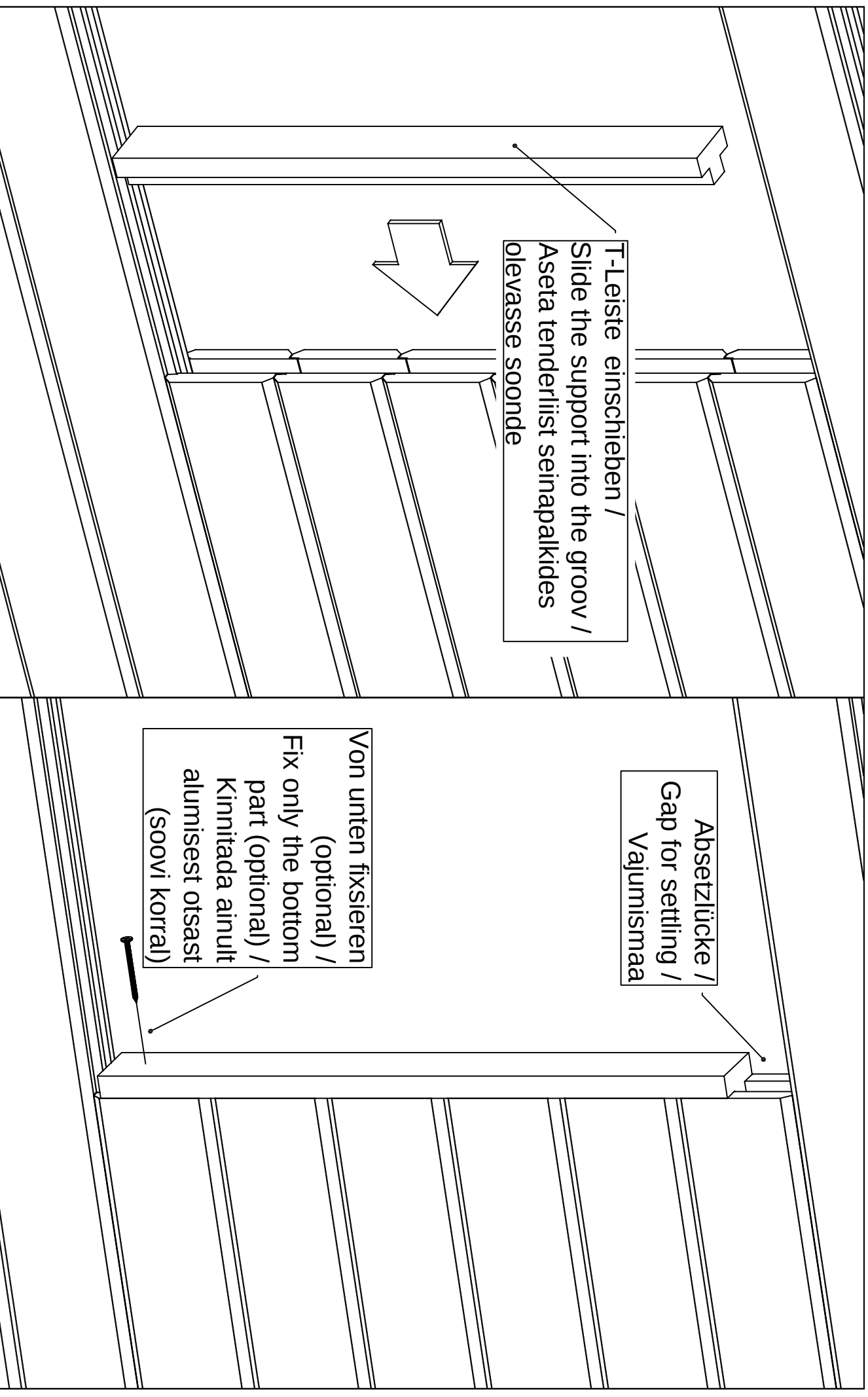
Da es sich um eine Sauna mit nachgebenden Wänden handelt, müssen die Wände von Zeit zu Zeit nachgespannt werden, indem die Gewindestangen angezogen werden.



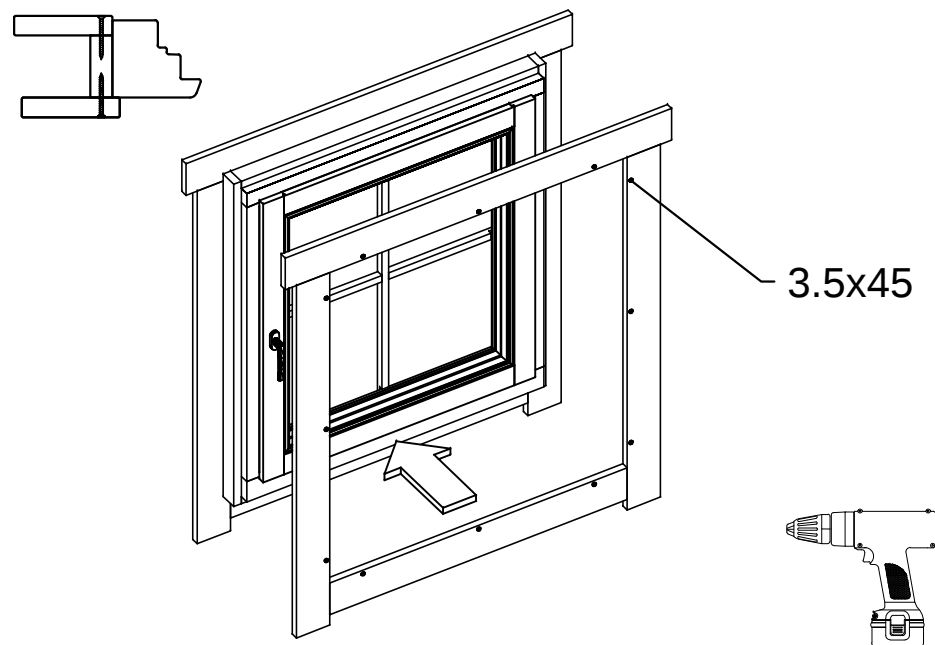
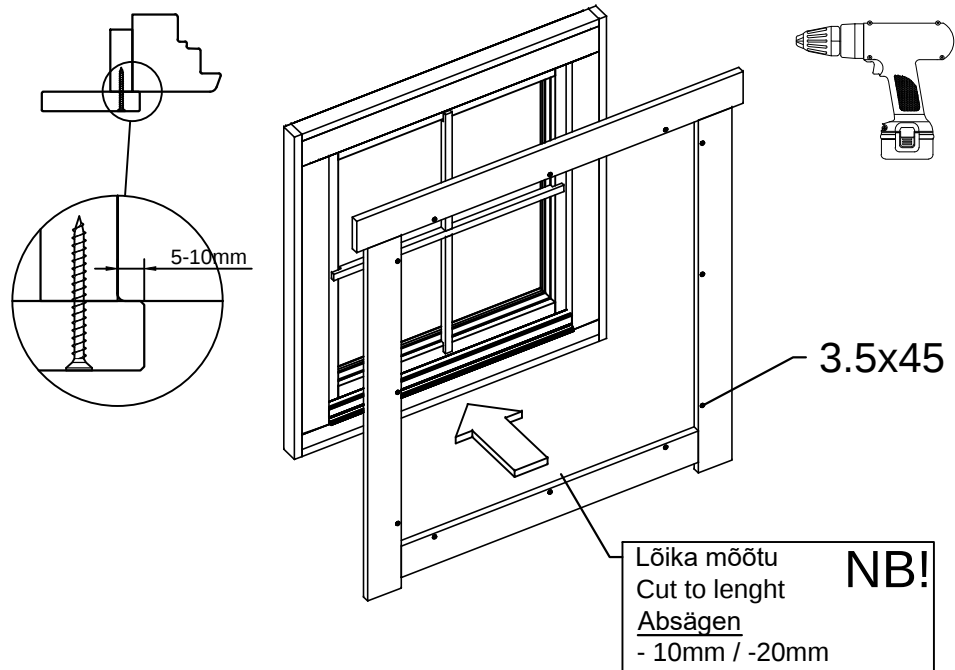
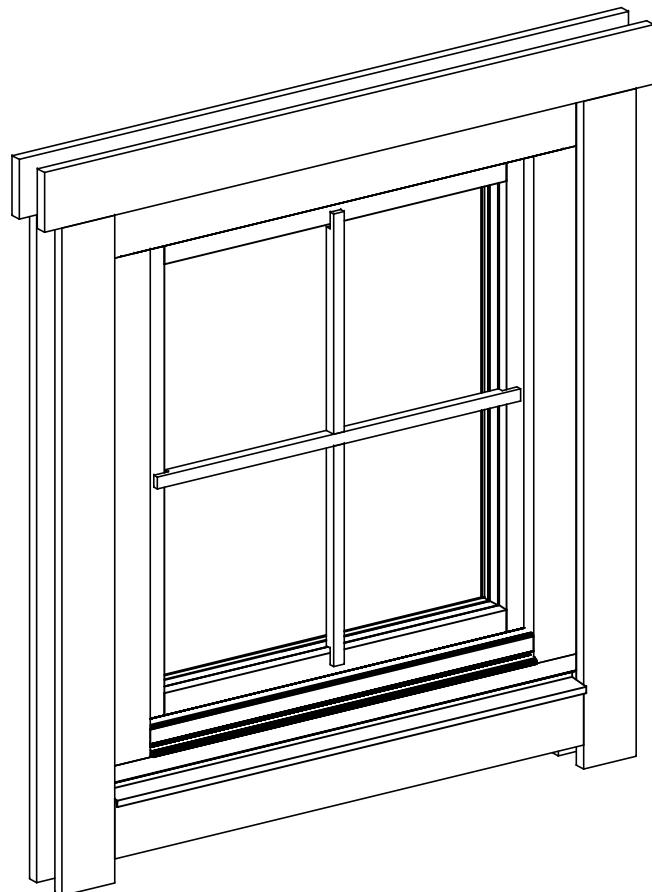
30



Montageanleitung für T-Leisten / Installing the door and window supports / Tenderliistu paigaldusjuhend.



Aken	Q4-Q6	-	paigaldusjuh
Window	Q4-Q6	-	assembly instructions
Fenster	Q4-Q6	-	Montageanleitung



Vihmaliist / Rain strip / Wasserleiste

Q5-Q6

*Silikoon

*Silicon

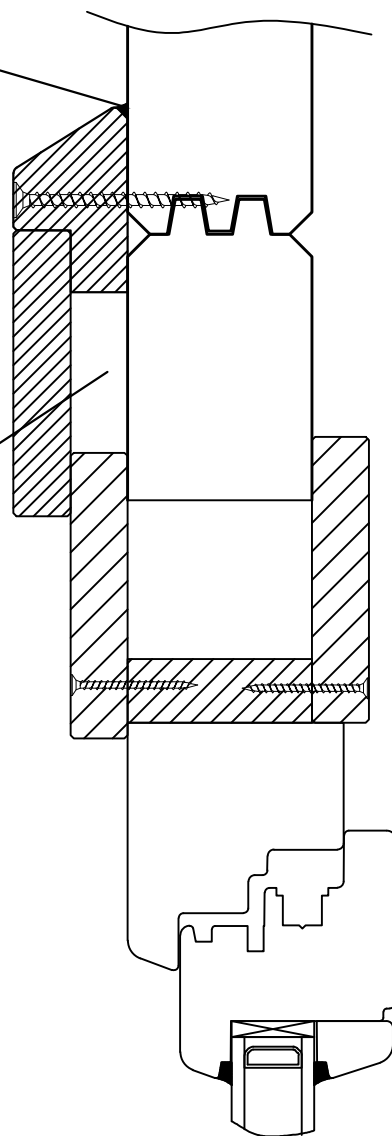
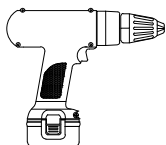
*Silikon

*Vajumispilu

*Settling gap

*Senkungs spalt

ca 40-50mm

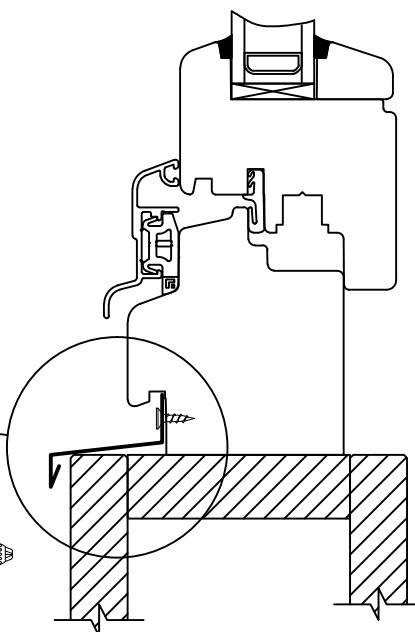
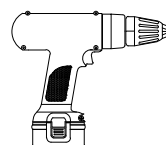
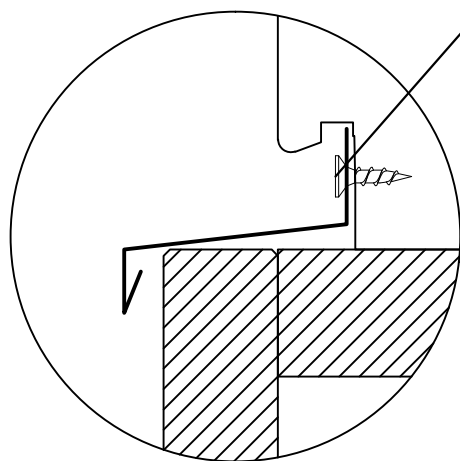


NB!

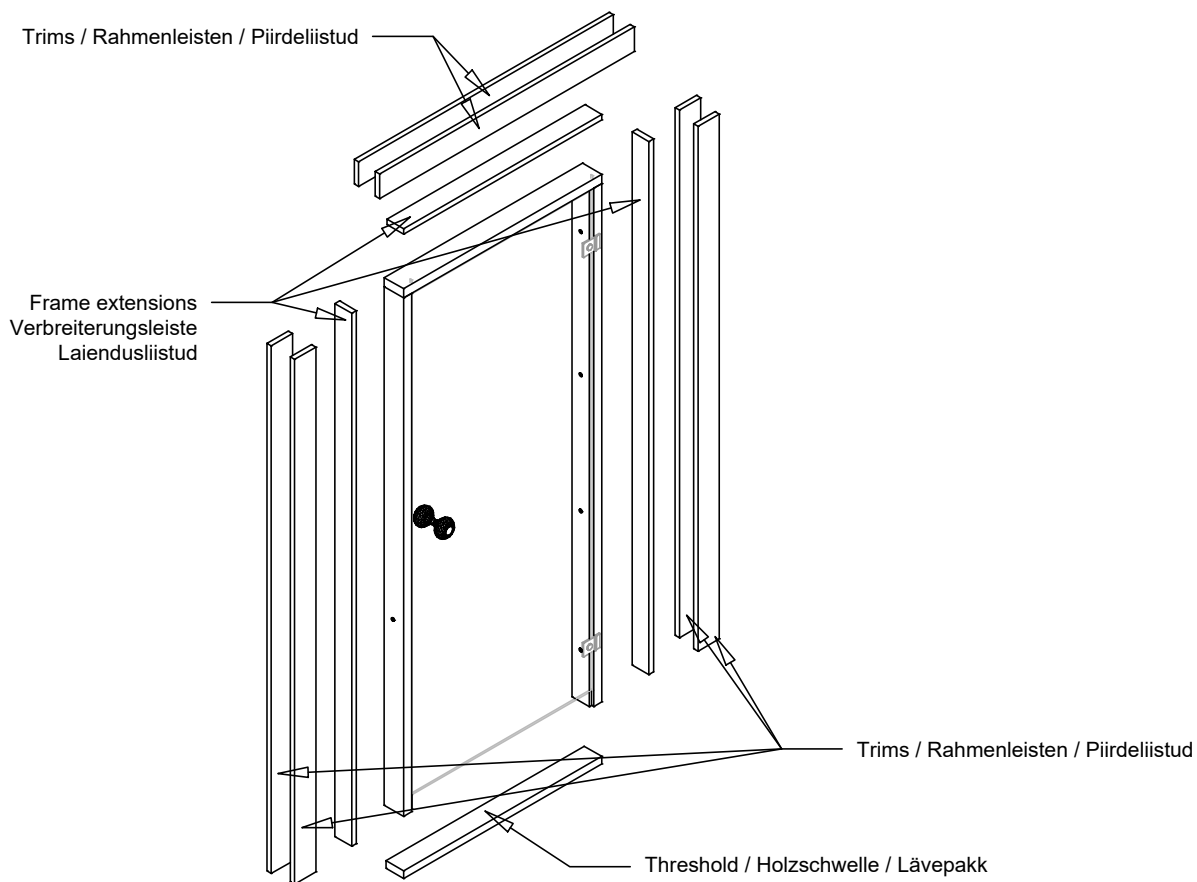
- Monteerida juhul kui ese on välja toodud maja spetsifikatsioonis!
- Install only if the item is listed in the house specification!
- Nur montieren wenn die Leiste in der Teilleiste gezeigt ist!

Veepilek / Window sill / Fensterbank

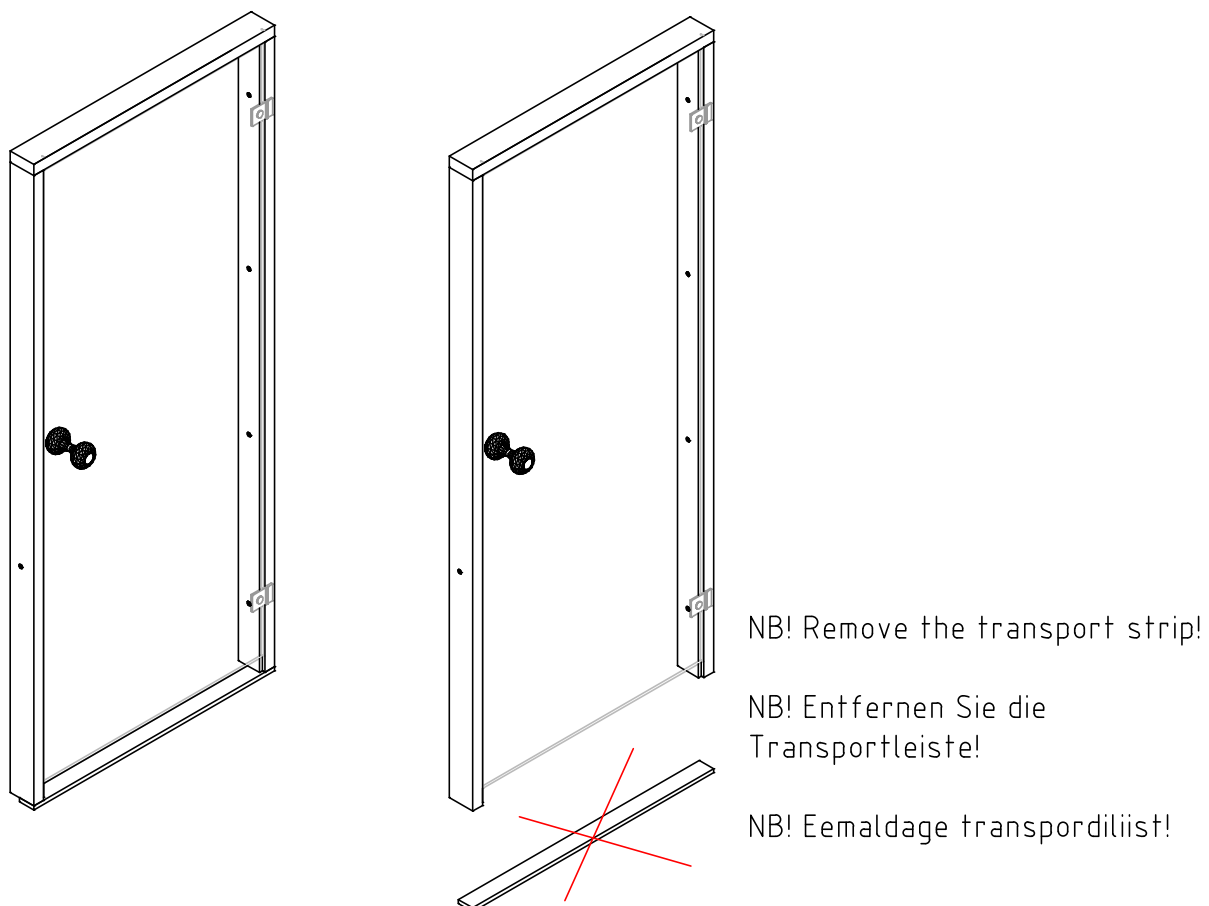
4,2x16



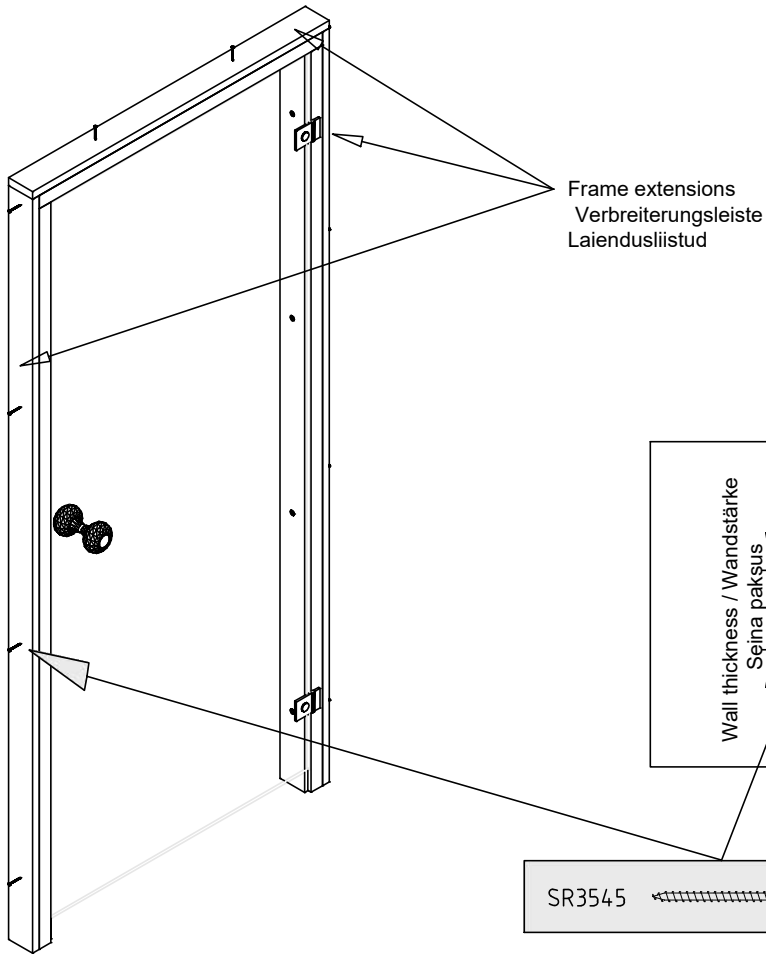
1



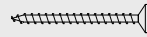
2



3



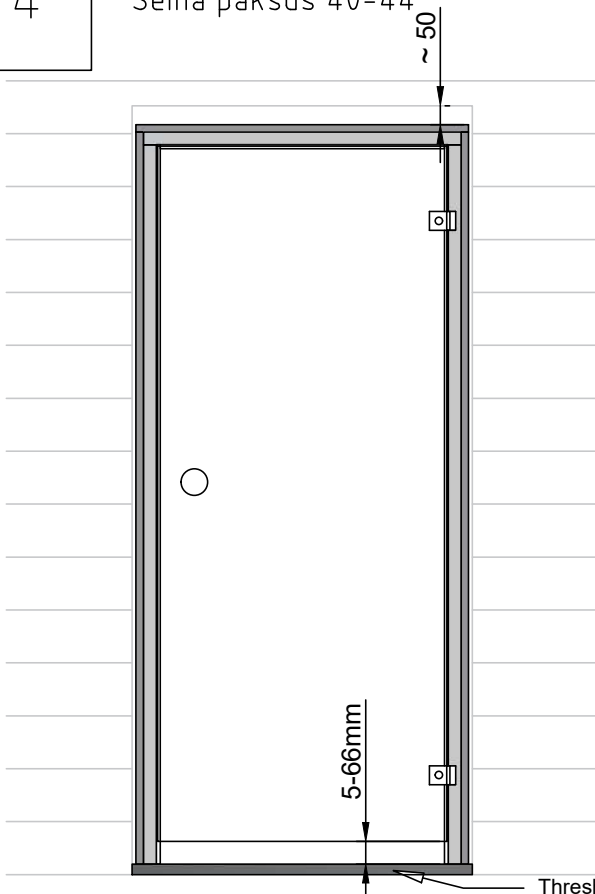
SR3545



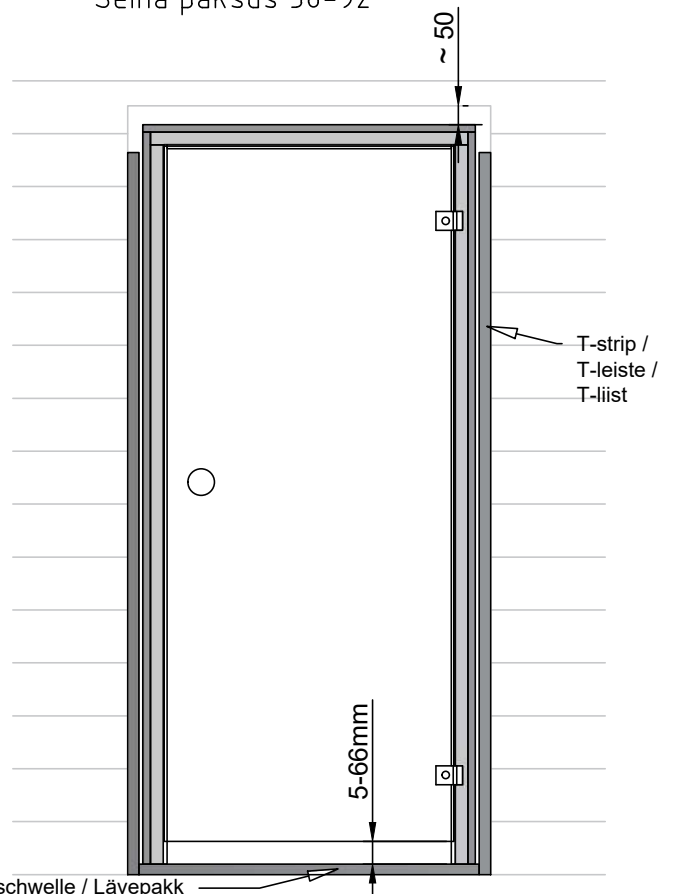
10

4

Wall thickness / Wandstärke /
Seina paksus 40-44

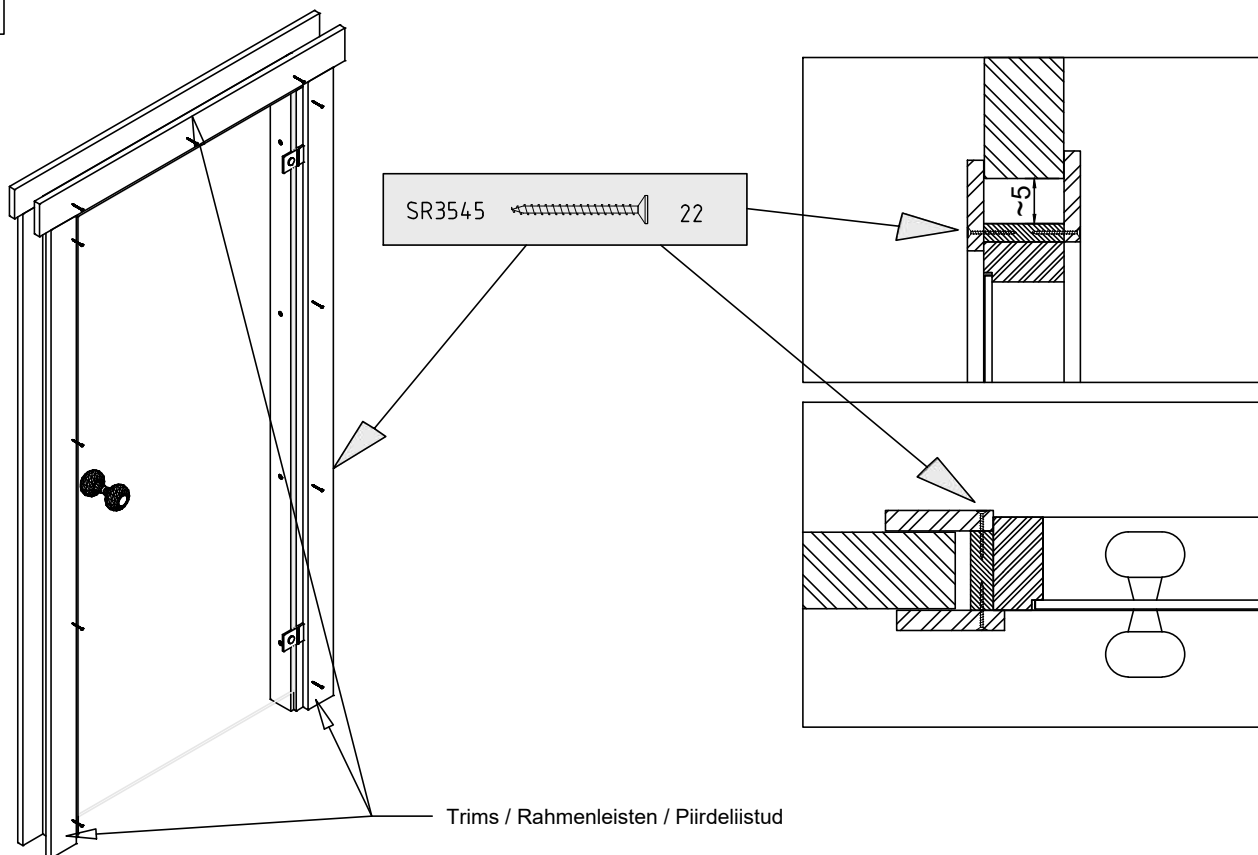


Wall thickness / Wandstärke /
Seina paksus 58-92



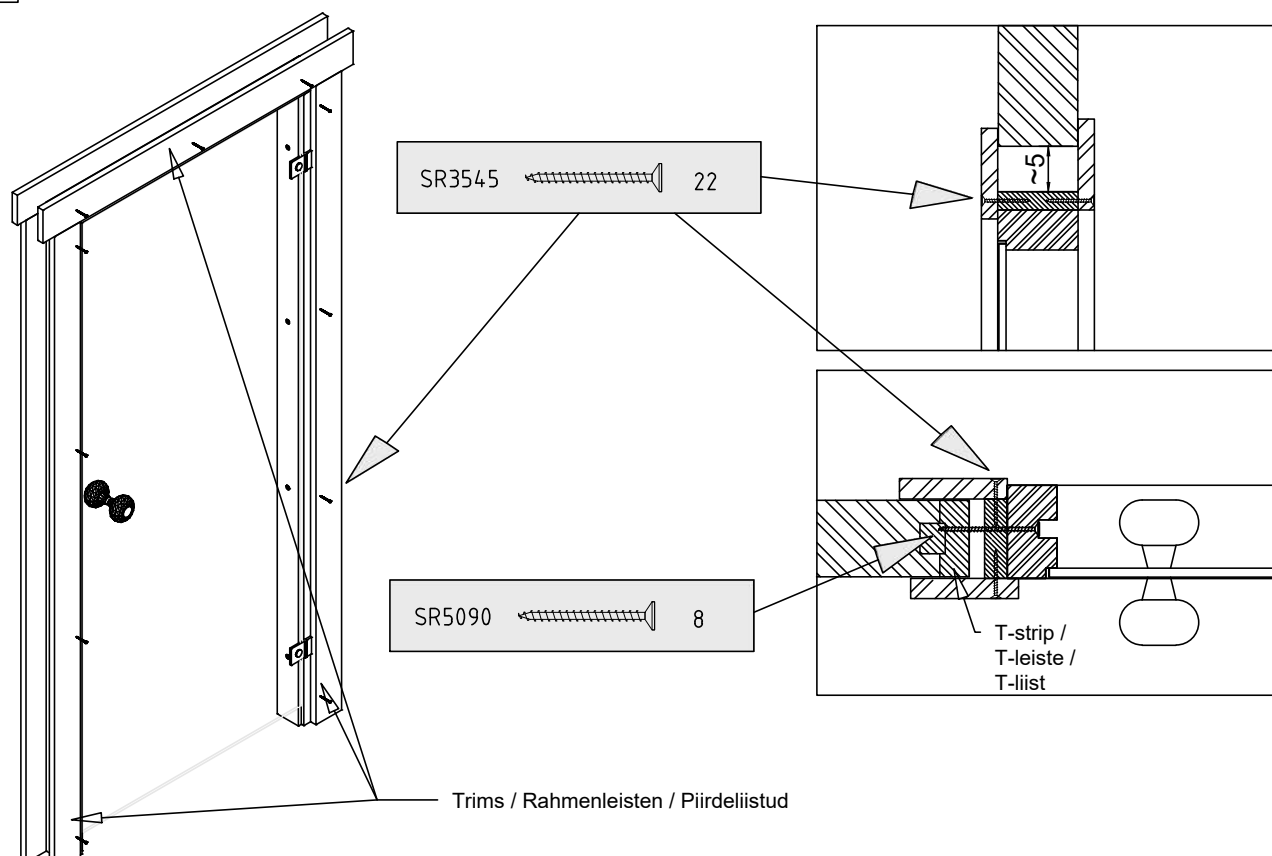
5

Wall thickness / Wandstärke / Seina paksus 40-44



5

Wall thickness / Wandstärke / Seina paksus 58-92

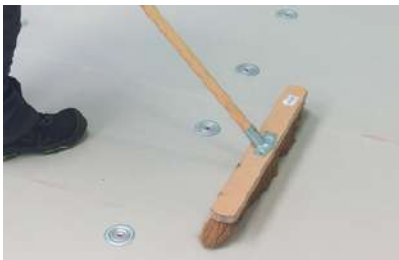


Bonding Adhesive BA-2016 S/TF

The Elevate Bonding Adhesive BA-2016 S/TF is a sprayable solvent-based contact adhesive specifically designed for bonding RubberCover EPDM membranes to approved insulations in addition to wood, metal, masonry and other acceptable substrates.

GENERAL CONSIDERATIONS

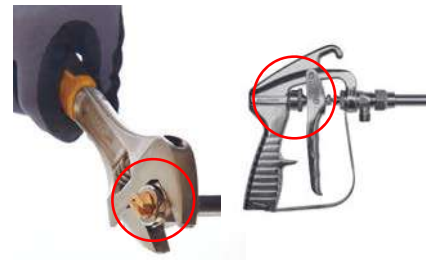
- Coverage: max. 70 m² per canister.
- Store canister at 10-25°C. Do not remove the canister from its carton, and keep canister and hose out of direct sunlight as much as possible.
- Apply one layer onto the support and onto the EPDM membrane.
- Optimum working conditions are between 5-25°C. Please refer to our “Spray adhesives tips & tricks” document when working outside this temperature range.
- For additional information, visit www.holcimelevate.com to download the Technical Information Sheet (TIS) and Safety Data Sheet (SDS).



Clean the surface to be bonded.



Shake the canister before each use. Keep canister inside the carton box during use.



Make sure the spray gun tip is straight and tight and the adjustment screw is closed.



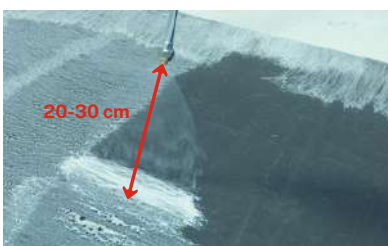
Connect the larger hose nut to the spray gun and the smaller hose nut to the canister. Check that the hose is securely attached at both points.



Turn the white valve of the canister counterclockwise until open. Do not close the valve until the canister is empty (this prevents the adhesive curing inside the hose and gun).



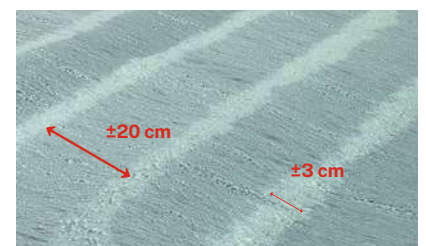
Turn the adjustment screw open and pull the trigger to achieve a consistent spray pattern. Set spray width with the adjustment screw.



The optimal distance from the spray gun nozzle to the surface should be 20-30 cm.



Spray time is ± 4 seconds per m.



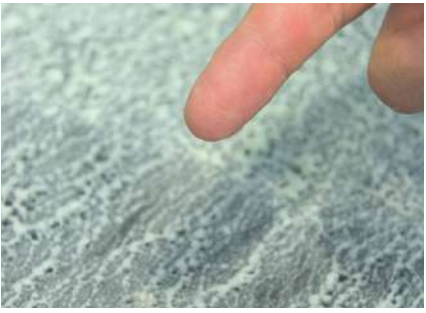
Optimal spray width should be ± 20 cm, with max. 3 cm overlap between spray lines.



Spray pattern must be homogeneous. In case of inconsistent spray width, contact your technical service as soon as possible.



In case of blistering, immediately rub blisters open for faster drying and improved adhesion.



Drying time is approximately 10-20 min., depending on the outside temperature and the temperature of the substrate. Always do a "touch-push" test on an overlap or at a start/stop location.



Upstands: start spraying the adhesive in the angle change.

TIP: The professional spray gun allows to adjust the spray width.



Apply the adhesive first to the substrate and then to the EPDM membrane, as drying time on EPDM is shorter.



TIP: Use a piece of scrap board to protect adjacent areas while spraying an upstand.



Mate the membrane to the coated surface and apply sufficient pressure with a broom.



Do this also on the upstands.



Close the adjustment screw of the spray gun between two applications. Clean regularly the gun nozzle with the Elevate Cleaner C-20.

Scan the QR code to view the application video



RubberGard™ EPDM LSFR Roofing Membrane

1. Description

The Firestone RubberGard™ EPDM LSFR (Low Slope Fire Retardant) membrane is a 100% cured roofing membrane made of a synthetic rubber Ethylene-Propylene-Diene Terpolymer. The sheet is made of two plies of identical compound with good fire performance.



2. Preparation

The roofing structure needs to be stable enough to support the temporary loading. Substrates need to be clean, smooth, dry and free of sharp edges, loose or foreign materials, oil, grease and other materials that may damage the membrane. All surface voids greater than 5 mm wide shall be properly filled with an acceptable fill material.

3. Application

Allow the membrane to relax for approximately 30 minutes before splicing or final securement. Refer to the Firestone guidelines for specific installation instructions.

4. Coverage

The dimensions of the membrane are calculated to cover the substrate, including seam overlaps (100 mm for standard seams - 200 mm for seams with mechanical attachment) and upstands. Provide an additional length (150 mm) at upstands for easy handling.

5. Characteristics

Physical

- Elastomeric membrane with a good combination of high elasticity and tensile strength.
- Good fire-resistance properties.
- Excellent resistance to UV and ozone.
- Retains its elasticity even at temperatures as low as -45°C.
- Resistant to temperature shocks up to 130°C.
- Excellent resistance to acid rains, less resistant to oil products. Contact with mineral and vegetable oils, petroleum based products, hot bitumen and grease must be avoided.



6. Technical Specifications

Physical Properties	Test method	Declared value 1.1 mm	Declared value 1.5 mm
Thickness	EN 1849-2	1.1 mm	1.5 mm
Mass per unit area	EN 1849-2	1.35 kg/m ²	1.85 kg/m ²
Watertightness	EN 1928 (B)	Pass	Pass
Tensile strength (L/T)	EN 12311-2 (B)	≥ 7 N/mm ²	≥ 7 N/mm ²
Elongation (L/T)	EN 12311-2 (B)	≥ 300%	≥ 300%
Resistance to static load	EN 12730 (B)	≥ 20 kg	≥ 20 kg
Resistance to impact	EN 12691 (B)	≥ 1700 mm	≥ 2000 mm
Resistance to impact	EN 12691 (A)	≥ 200 mm	≥ 300 mm
Tear resistance (L/T)	EN 12310-2	≥ 40 N	≥ 40 N
Joint peel resistance	EN 12316-2	≥ 80 N/50 mm	≥ 80 N/50 mm
Joint shear resistance	EN 12317-2	≥ 200 N/50 mm	≥ 200 N/50 mm
UV exposure	EN 1297	Pass (≥ 7500 h)	Pass (≥ 7500 h)
Foldability at low temperature	EN 495-5	≤ -45°C	≤ -45°C
Dimensional stability	EN 1107-2	≤ 0.5%	≤ 0.5%
Reaction to fire	EN 13501-1	E	E
External fire performance (in end-use)	EN 13501-5	B _{ROOF} (t1) B _{ROOF} (t2) B _{ROOF} (t3) B _{ROOF} (t4)	B _{ROOF} (t1) B _{ROOF} (t2) B _{ROOF} (t3) B _{ROOF} (t4)

Note: As European standards continue to develop, please contact Firestone's Technical Department or visit www.firestonebpe.com for the latest updates on physical properties.

7. Packaging / Storage / Shelf life

Thickness	Width	Length	Weight (incl. Packaging)
1.1 mm (0.045")	3.05 m (10')	30.50 m (100')	1.51 kg/m ²
	5.08 m (16.7')		
	6.10 m (20')		
	7.62 m (25')		
	9.15 m (30')		
	12.20 m (40')		
	15.25 m (50')		
1.5 mm (0.060")	3.05 m (10')	30.50 m (100')	2.10 kg/m ²
	5.08 m (16.7')		
	6.10 m (20')		
	7.62 m (25')		
	9.15 m (30')		
	12.20 m (40')		
	15.25 m (50')		

Note: Membranes may be available in additional panel sizes, please contact your Firestone Representative.

Storage: Store away from sources of punctures and physical damage. Store away from ignition sources and open flame.

Shelf life: Unlimited.

This document replaces any other document published previously. This sheet is meant to highlight Firestone product information based on latest knowledge and experience and is subject to change without notice (check the Firestone website for latest document version). Above mentioned values are based on tested samples and may vary within applicable tolerances. Firestone takes responsibility for furnishing quality materials which meet published Firestone product specifications. No Firestone representative is authorized to vary this disclaimer.