GardenLife®

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We believe our products are of the highest standard and that our prices cannot be matched on a like for like basis. If you find a GardenLife cabin on any other website for a lower price we'll match that price!

5 year warranty on all timber buildings

GardenLife log cabins come with a full five year warranty that guarantees replacement of any component parts if they are found to be defective.

Completely free shipping to UK mainland

If you live on the UK mainland and order a log cabin or timber garden building from our site it will be delivered completely free of charge!

£50 cashback & £100 off for friends & family

Purchase any GardenLife log cabin or timber building and claim £50 each time you refer friends and family! There's no limit to how much you could earn and each person you refer gets £100 off their purchase!

On site construction available on request

Worried about building your log cabin? Don't be, GardenLife provide an on site construction service throughout much of the UK. Let our trained professionals take the strain and call for a quote.

Installation manual

Montageanleitung ● Notice de montage ● Istruzioni per il montaggio
Manual de montaje ● Monteringsanvisning ● Installatiegids

Log cabin FRF40-4141

Blockhaus ● Maisonnette en poutres ● Casa di travi ● Casa de jardin ● Anneks ● Tuinhuis

Width 410 x Depth 410 cm

Breite/Tiefe ● Largeur/Profondeur ● Lunghezza/Profondita ● Ancho/Profundidad ● Bredde/Dybde ● Breedte/Diepte

Log thickness 40 mm

Bohlenstärke ● Épaisseur des murs ● Spessore delle pareti ● Grosor de pared ● Tykkelse ● Wanddikte

The producer shall have the right to make technical changes to the product ● Technische Änderungen vorbehalten ● Le producteur réserve le droit d'effectuer des modifications techniques au produit ● Il produttore mantiene il diritto di apportare modifiche tecniche al prodotto ● Reservado el derecho a modificaciones técnicas ● Produsent forbeholder seg retten til å endre tekniske egenskaper ved produktet ● Alle rechten en technische wijzigingen voorbehouden

Garden house painting and maintenance

Wood is a natural material, growing and adapting depending on weather conditions. Large and small cracks, colour tone differences and changes, as well as a changing structure of wood are not errors, but a result of wood growing and a peculiarity of wood as a natural material.

Unprocessed wood (except for foundation joists) becomes greyish after having been left untouched for a while, and can be turn blue and become mouldy. To protect the wooden details of your garden house, you must immediately process them with a wood preservative.

We recommend that you cover the floor boards in advance with a colourless wood impregnation agent, especially the bottom sides of the boards, to which you will no longer have access when the house is assembled. Only this will prevent moisture penetration.

We definitely recommend that you also process the doors and windows with a wood impregnation agent, and do that namely both inside and outside! Otherwise the doors and windows can become twisted.

After the house assembly is completed, we recommend for the conclusive finishing a weather protection paint that will protect wood from moisture and UV radiation.

When painting, use high quality tools and paints, follow the paint application manual and manufacturer's safety and usage instructions. Never paint a surface in strong sunlight or rainy weather. Consult a specialist regarding paints suitable for unprocessed softwood and follow the paint manufacturer's instructions.

Having been properly painted, your garden house's lifetime will increase substantially. We recommend that you inspect the house thoroughly once every six months.

2 Preparation for assembly

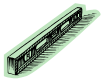
Tools and preparation of components

To assemble the garden house, you will need the following tools:

assembly aid

ladder

hammer


water-level

screwdriver

saw

knife

measuring tape

pliers

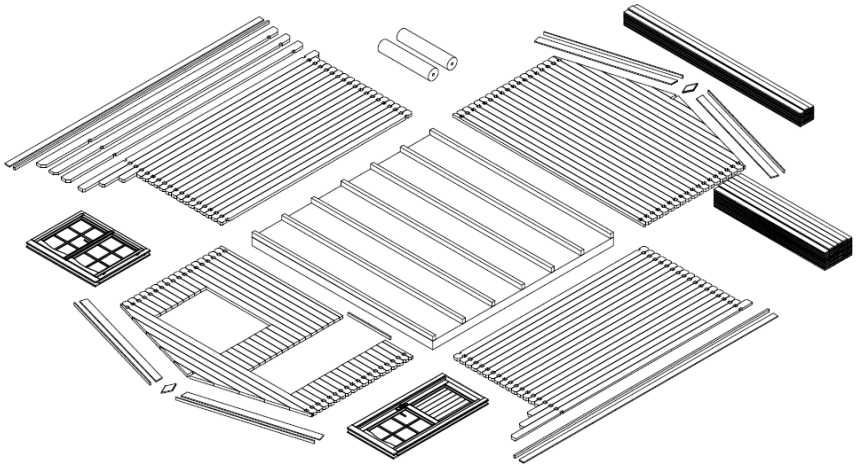
drill

ADVICE: To avoid splinters, we recommend that you wear the corresponding protective gloves during the assembly process.

Preparation of components:

Sort the components based on the wall plans (see Technical specifications) and place them at the four sides of the house in the installation sequence.

ATTENTION: Never place the components directly on grass or a muddy surface because it will be very difficult or even impossible to clean them up later!



Foundation

A good foundation is the most important aspect guaranteeing the duration and safety of your house. Only a completely level, rectangular and bearing foundation will ensure problem-free installation of the house, its stability and especially the matching of the doors. With a good foundation, your house will stand for many years more.

Prepare the foundation so that its upper edge extends from the ground to a height of at least 5 cm. At the same time make sure that there are sufficient air apertures under the house floor for ventilation.

We recommend the following foundation options:

- Strip or spot foundation
- Foundation from concrete or pavement slabs
- Cast concrete bed

Prepare the foundation so that the foundation joists are propped up on every side with intervals not exceeding 50-60 cm.

Consult an expert in this field or have the foundation prepared by specialists.

3 Garden house assembly

ATTENTION:

- You will find included in the house package one spare log (longest wall log).
- You will find included in the house package one spare board (longest roof or floor board).
- The house package also includes 2-3 marked hitting blocks (wall profile approximately 20-30 cm long).

All of the details listed above ARE NOT mentioned in the specification list.

- The drawings have the details marked with three-digit position numbers. The exact positions of those details that have the third digit “x” can be found in the specification list.

Base frame (Foundation joists)

The base frame of the house must be completely flat and level to ensure that the installation proceeds without problems.

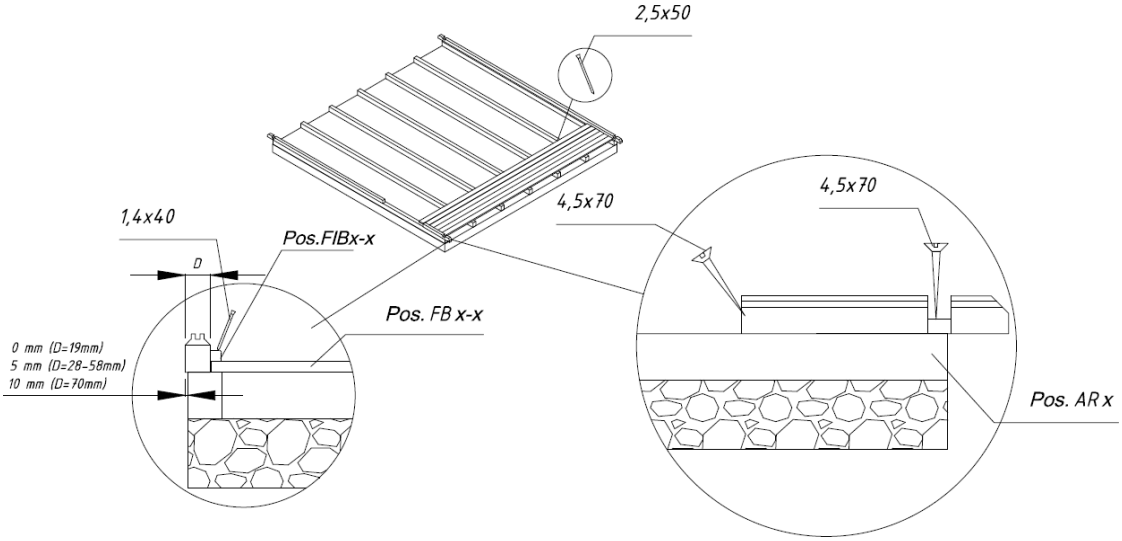
ATTENTION: different house can have different foundation placements – see the appended base frame drawing (in Technical specifications)!

Place the impregnated foundation joists on the prepared foundation in accordance with the drawing at equal intervals. Make sure that the joists are level and rectangular prior to screwing them together.

ADVICE: It is recommended to place between the foundation joists and foundation a damp-proof course that will protect the house from moisture and decay.

ADVICE: To ensure protection from wind and storm, it is recommended to attach the foundation joists to the foundation (for this, you can use for instance metal angles, anchors, etc.). The corresponding materials are not included in the supplied kit!

Installation of foundation joists:



Walls

When installing the walls, it is important to remember that:

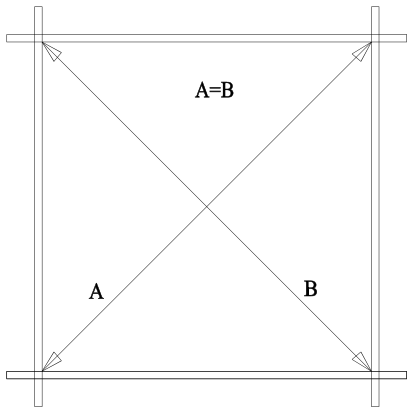
- The logs are always assembled with their tongue upwards!
- If necessary, use the hitting block and hammer! Never directly hit the tongue with the hammer!

Install the walls in accordance with the appended wall plans (see Technical specifications).

First of all place half logs of front and back wall at the correct location and attach them with screws to the foundation joists. Then install the side wall logs. Make sure that the first layer of logs extends a bit over the foundation joists: the logs must extend over the joists by some 3-5 mm. You will thus protect the house from moisture, allowing the free flow of rainwater into the ground.

ATTENTION: After the first layer of logs, measure the diagonal lengths and, if necessary, re-install the logs. Only if the diagonal lengths are completely equal is the base frame rectangular and you can mutually attach the logs.

The first layer of logs:



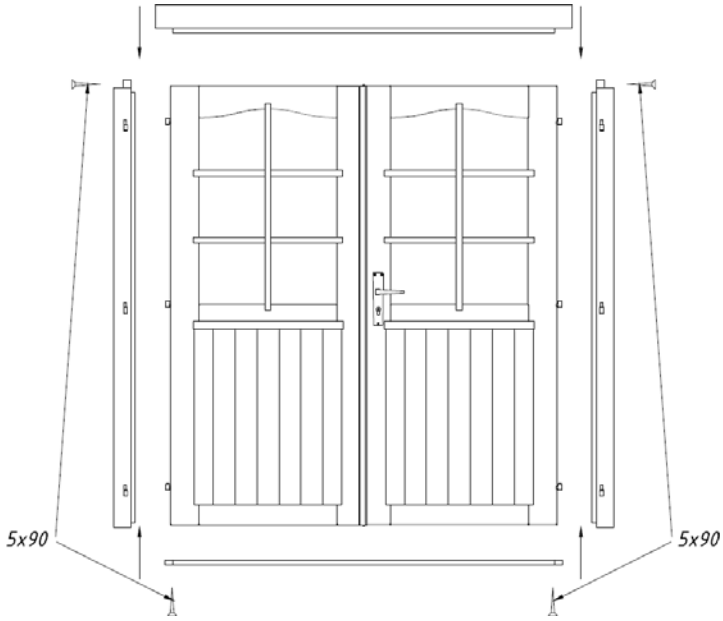
Continue the installation of the walls by strongly forcing the wall logs into one another. If necessary, use the hitting block and hammer. At the same time, do not forget to begin the installation of the door and windows. You should definitely begin the door installation after the 5th-6th layer of logs.

Door and window

Doorframe:

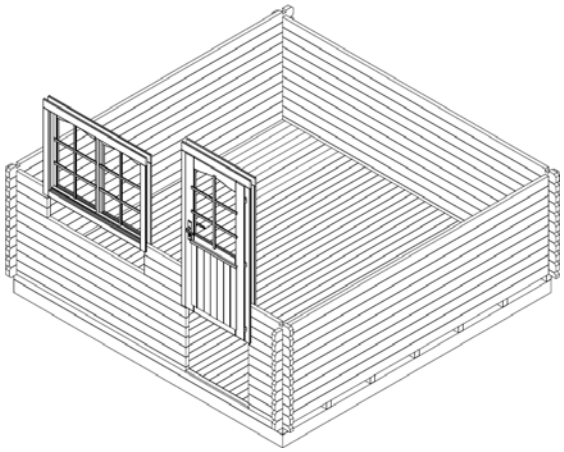
- If it is a double door, the doorframe is supplied in separate parts due to transportation requirements and you will have to begin by assembling it.
- To do this, place together the 4 parts of the frame and screw them onto one another.
- Make sure that the part of the frame with the deeper notch is installed upwards. The lateral jamb parts have hinges and are mirrored.
- It is recommended to install the leaves later.
- If it is a single door, its frame and leaf are supplied already assembled.

Doorframe installation (Only necessary for a double door!):



Door installation:

The doorframe is placed at the formed aperture and pushed with force onto the lower log. If it is a double door, place the leaves on the hinges now. To open and close the door, fit the separately packaged lock and handle.



Window installation:

Continue with the installation of the wall logs until you reach the window height. The wall plans (see Technical specifications) show how many logs go under the window. Install the window similarly with the door. Just like the door, push the window frame with the window into the window aperture onto the lower log, applying force. Make sure that the window is not fitted backwards (topsy-turvy).

ADVICE: Definitely make sure that the windows and doors open in the proper direction. The doors always open from the inside **to the outside**. The revolving-tilting windows open **to the inside**. The revolving and the slinging windows open **to the outside** (the window handles are on the inside).

ATTENTION: It is not necessary to fix the doors and windows to the wall logs! If you wish to do this, it will be sufficient to fix them with a couple of screws in the lower part of the frame because as they dry, the wall logs will begin subsiding.

You can conduct the final adjustments of the doors and windows only some 2-3 weeks after the house installation, when the house will have become adapted to weather conditions and its logs settled.

Apex

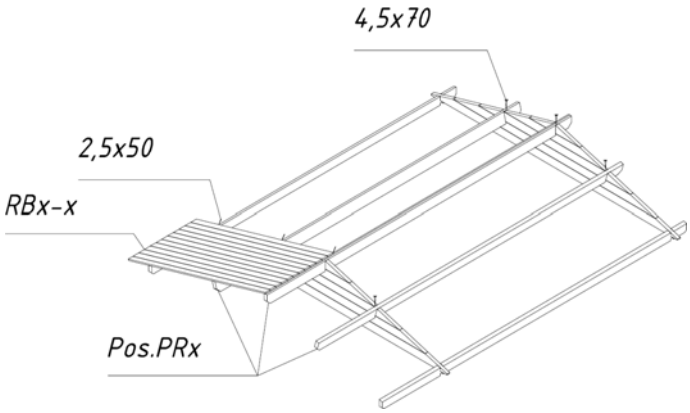
In most cases, the apex is supplied in one piece (attention: in some house options, the apex can comprise several parts! In this case, these parts will have to be screwed together prior to other actions). Having installed the last wall logs, place the apex on the front and back walls and attach them with screws.

The apexes have indents for the rafters. The rafters also have the corresponding indents, ensuring that the roof is placed firmly and in the right place.

Now place the rafters in the corresponding indents in the apexes.

Make sure that the upper wall log, apexes and rafters are level. Having fitted the rafters, screw them onto the apex from above.

Installation of rafters:



ATTENTION: If the wall logs are not properly pressed on top of one another without gaps, the upper wall log may not be on the same level with the apexes. In this case you should tap the wall logs downwards as necessary or plane the apex or sidewall log somewhat lower.

Roof

Before installing the roof boards, make sure that the house is completely level. Use the water-level to check all walls.

ATTENTION: When placing the roof, use a stable ladder. Do not step on the roof as the structure is suitable to sustain only an even load (snow, wind, etc.), and not a point load!

Begin the installation of the roof boards **from the front edge of the roof**. Tap the boards lightly and attach them from above and below with nails to the rafters and upper wall log.

ATTENTION: Do not press the roof boards together too densely and you will avoid moisture-causing bulging! Leave an interval of about 1 mm between the boards to allow for swelling.

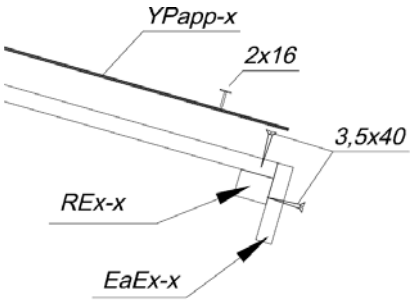
- During the whole process of installing the roof boards, make sure that their crest rafters coincide and the eave sides of the boards extend at a uniform distance. Verify this with a rope or the lateral eave lath that you may install for verification purposes.
- The roof boards must be even with the rafter ends in front and behind. If necessary, saw both last roof boards so narrow that they are even with the rafter ends.

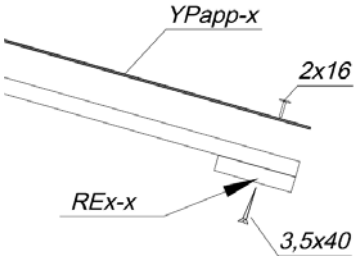
Having installed the roof boards, the roof felt and roof slats must be attached.

The table of components shows whether the roof cover material and slats are included with this house option!

First of all, screw the roof edge reinforcements and eave edgings under the roof board ends. Then install the roof cover material.

Installation of roof slats:



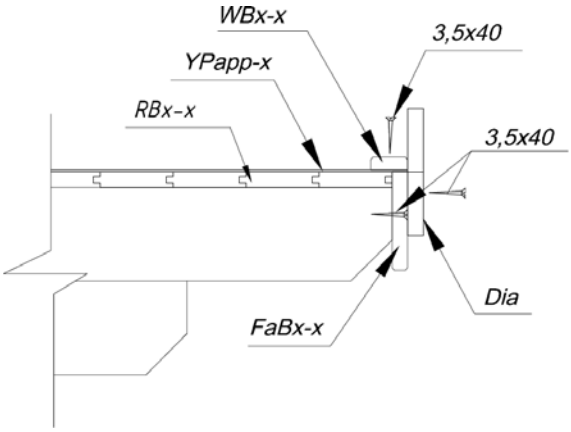


Roof cover material (NB! Some house options do not include it in the kit!)

Cut the roof felt in accordance with the roof length into suitable pieces and begin installing them parallel to the lower edge of the roof, moving toward the crest and placing the felt strips in the direction from the back wall to the front wall. The felt should extend from the edge by approximately 2-4 cm. Attach the roof felt to the roof boards with the supplied felt nails at intervals of about 15 cm. Make sure that the felt strips overlap by at least 10 cm.

Having installed the roof cover material, attach the wind braces to the roof and the facia boards to the rafters and upper wall logs.

Installation of wind braces and facia boards:



Floor

Only when the house is built completely you can install the floor boards, thus avoiding unnecessary smudging on the floor.

Place the floor boards on the base frame, tap them lightly against one another and then nail them with force to the foundation joists. If necessary, cut the last floor board to the suitable width.

The final operation is the fitting of the floor beadings to cover the spaces between the floor boards and walls. If necessary, cut the floor beadings to the suitable length.

ATTENTION: Depending on the climate at the house location, the floor boards can either swell or diminish. If the floor boards are very dry while the climate is damp, they will easily absorb moisture. In

this case, the floor boards should not be attached very densely to avoid likely bulging. Leave some space (1-2 mm) between the floor boards to allow for swelling. But if your climate is warm and dry, you can install the boards densely because they will become drier and spaces may appear between them.

Storm braces (NB! Not included in some house option kits!)

Attach the storm braces (if included in the supplied kit) to the inner sides of the front (2 units) and back (2 units) walls with the supplied bolts. It is important for the logs to be drilled through in advance. Please keep the distances indicated in the drawing so that no problems occur due to wood swelling or diminishing.

ADVICE: Make sure that the storm braces are attached to the apex log from above and to the middle of the first full-length wall log from below. If necessary, shorten the upper ends of the slats.

Do not turn the screws tightly so wood can further swell or diminish.

With the house having settled, you should adjust the attachments so the wall logs can settle.

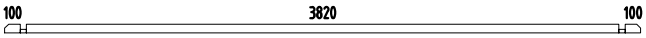
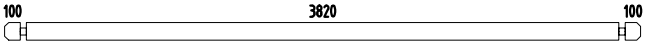
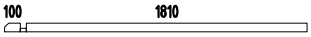
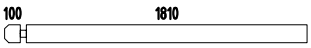
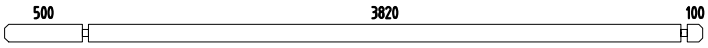
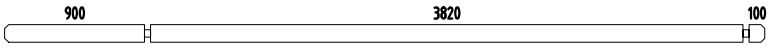
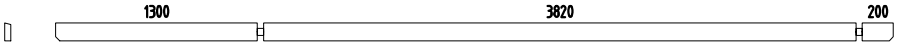
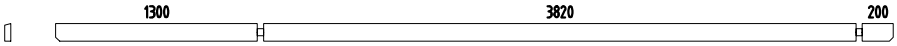
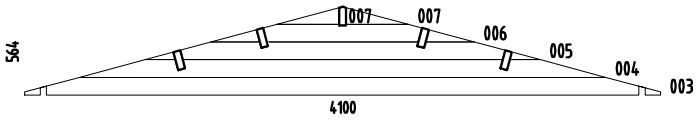
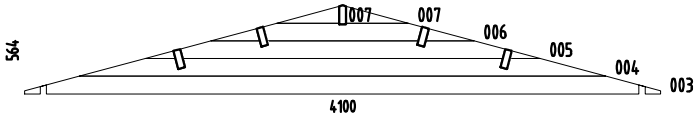
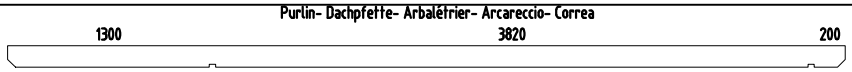
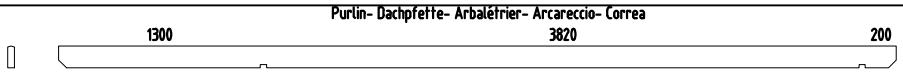
Installation of storm braces:

General advice:

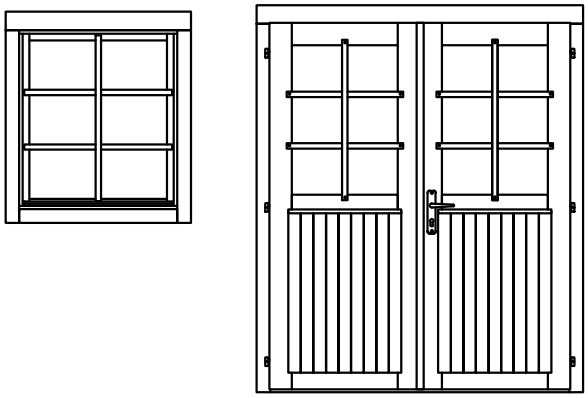
Problem:	***Gaps appear between the wall logs***
Cause:	Additional details are attached to the house that do not allow wood to swell/diminish.
Solutions:	If the door/window is attached to the wall logs with screws/nails, remove these screws/nails; If the storm brace is screwed on too tightly, loosen its attachment; If (rain water) pipes are installed on the wall, loosen their attachments;

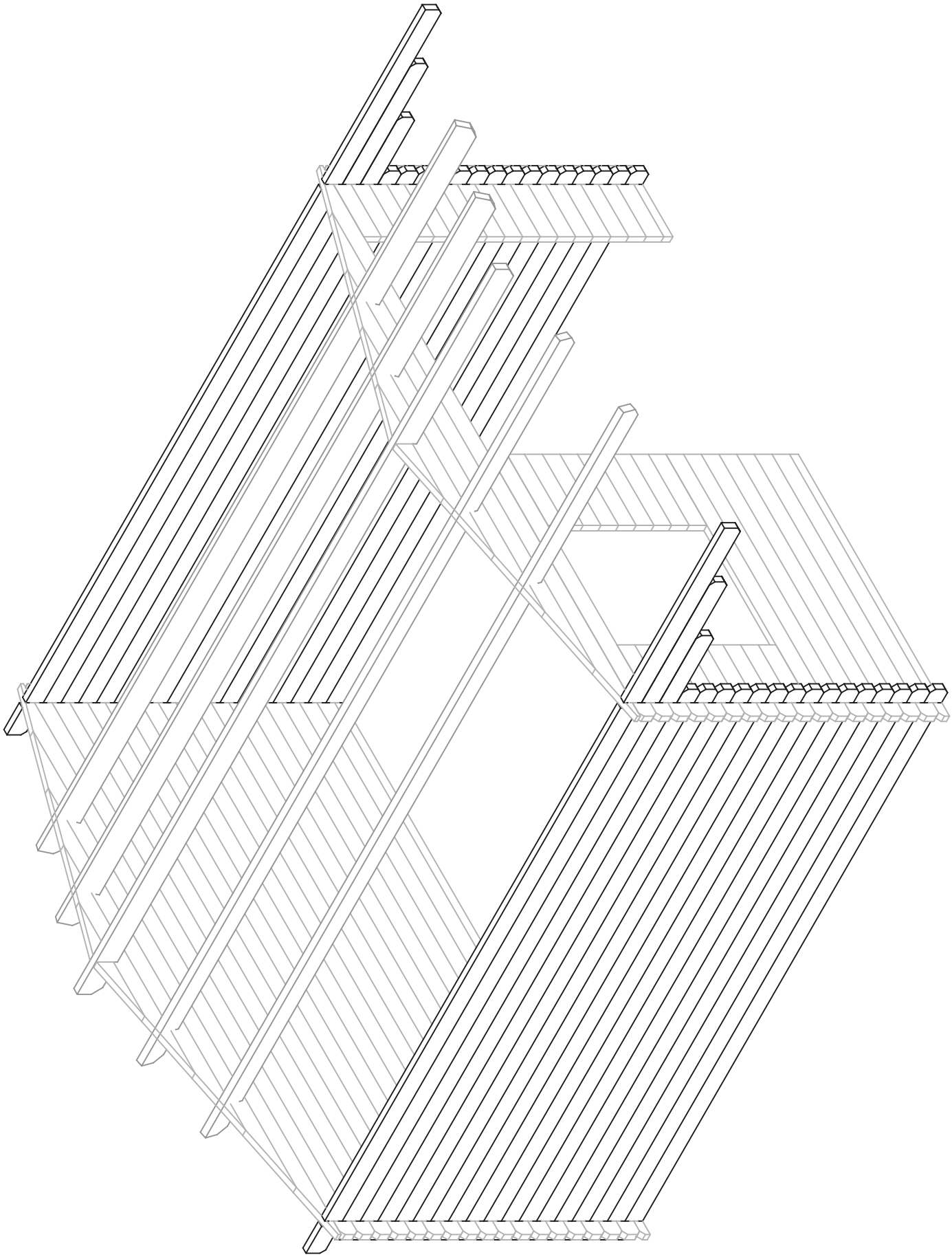
Problem:	***The doors and windows become stuck.***
Cause:	The house/foundation has settled.
Solution:	Check whether the house is level. Level the foundation joists and walls.
Cause:	The doors and windows have swelled due to moisture.
Solution:	Adjust the door and window hinges; if necessary, plane the door or window narrower.

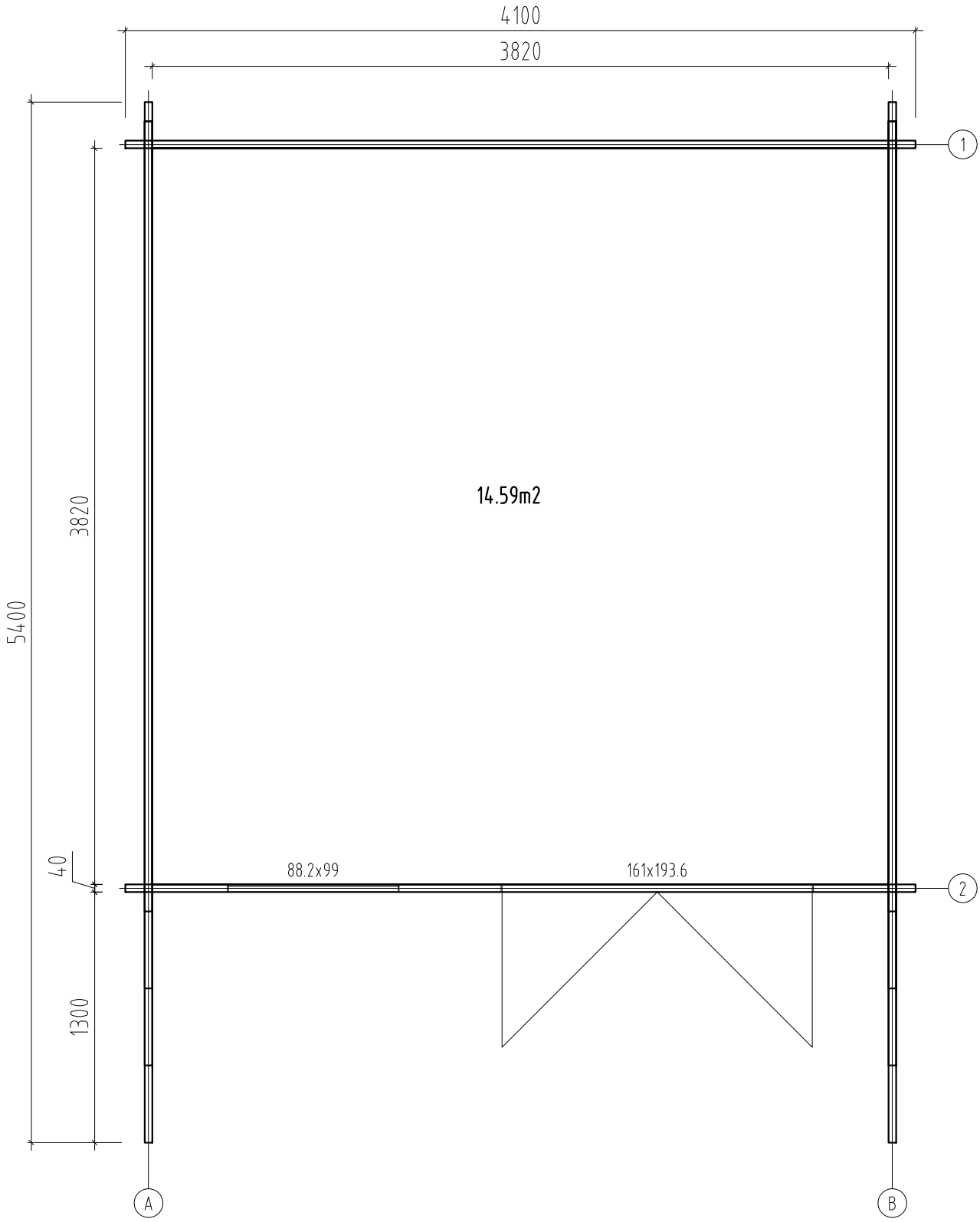
We wish you total success with the garden house installation and much joy with this house for many years to come!

Pos	SPECIFICATION-STÜCKLISTE-NOMENCLATURE-ELEMENTI-ESPECIFICATIÓN "FRF40-4141"	Pcs	Profile (mm)	Length (mm)
001		1	40x57	4100
002		47	40x114	4100
008		1	40x57	1950
009		1	40x57	530
010		8	40x114	1950
011		26	40x114	530
012		9	40x114	530
013		2	40x114	4500
014		2	40x114	4900
015		1	40x114	5400
016		1	40x114	5400
W1-1		1		
W2-1		1		
PR1		4	44x140	5400
PR2		1	44x140	5400
RB2-1	Roof board- Dachbrett- Madrier du toit- Tavola tetto- Tabla de tejado	122	89x19	2330
Dia-1	Diamond- Deckbrett- Madrier- Tavola di copertura- Rombo	2	19x140	300
EaE1-1	Eave edging- Dachrandbrett- Madrier en bordure du toit- Tavola bordo tetto- Tabla de valadizo	4	16x95	2700
FaB3-1	Facia board- Giebelblende- Écran frontal- Schermo frontone- Tabla de facia	4	16x120	2370
RE2-1	Roof edge reinforcement- Dachrandleiste- Baguette en bordure du toit- Rinforzo bordo tetto- Refuerzo borde tejado	2	32x40	2150
RE2-2	Roof edge reinforcement- Dachrandleiste- Baguette en bordure du toit- Rinforzo bordo tetto- Refuerzo borde tejado	2	32x40	3250
SiS5-1	Side slat - Randleiste - Baguette en bordure - Listello bordo 5	2	28x45	1686
StB1-1	Storm brace- Sturmleiste- Protection contre le vent- Antivento- Protector contra tormentas	4	25x45	2000

Pos	SPECIFICATION-STÜCKLISTE-NOMENCLATURE-ELEMENTI-ESPECIFICATIÓN "FRF40-4141"	Pcs	Profile (mm)	Length (mm)
WB1-1	Wind brace- Windbrett- Madrier contre le vent- Tavola vento- Tabla contra el viento	4	16x45	2370
Fim	-Fixing kit- Befestigungsset- Moyens de fixation- Materiale di fissaggio- Kit de fijación	1	USE	
QPUP 08x80	Bolt -Schloss-schraube -Boulon- Bullone- Perno- M8x80mm PUPO	8	StB1-1	
QULSy damik 30/35	Cylinder- Zylinderschloss- Serrure a mortaiser- Serratura a cilindro- Bombin- 30.35	1	TU40-1R	
QULKat eHOBEk	Door fittings- Türbeschlag- Ferrure- Ferramenta porta- Manilla puerta- QULKateHOBEk	1	TU40-1R	
QULli nkHOBE	Door fittings- Türbeschlag- Ferrure- Ferramenta porta- Manilla puerta- QULlinkHOBE	1	TU40-1R	
QServa riiviv astus120	Keeper- Schliessblech- Tole- Lamiera- Aldaba de candado	1	TU40-1R	
QNA2_ 2x50ZN	Nail- Nagel- Clou- Chiodo- Clavo- 2.5x50mm	500	RB2-1	
QMU8	Nut- Schraubenmutter- Écrou- Dado- Tuerca- M8mm	8		
QKR2_5 x16kZN	Screw- Schraube- Vis- Vite- Tornillo- 2.5x16mm	2		
QKR3 5x40ZN	Screw- Schraube- Vis- Vite- Tornillo- 3.5x40mm	110	Dia-1; EaE1-1; FaBx; RE2-x; WB1-1; ...	
QKR3 x20ZN	Screw- Schraube- Vis- Vite- Tornillo- 3x20mm	18	TU40-1R; A40-1R	
QKR4 5x70ZN	Screw- Schraube- Vis- Vite- Tornillo- 4.5x70mm	30	001; 008; 009; 015; 016; PRx; SiS5-1	
QKR5 x90ZN	Screw- Schraube- Vis- Vite- Tornillo- 5x90mm	4	TU40-1R	
QSE8x22	Washer- Dichtscheibe- Joint- Rondella- Arandela- 8x22mm	8		
QALli nkHOBE	Window fittings- Fenstergriff- Poigne de la fenétre- Maniglia finestra- Manilla (ventana)	1	A40-1R	
A40-1R	Window - Fenster - Fenetre - Finestra-Ventana 882x990	1		
TU40-1R	Door - Tür - Porte - Porta-Puerta 1610x1936	1		



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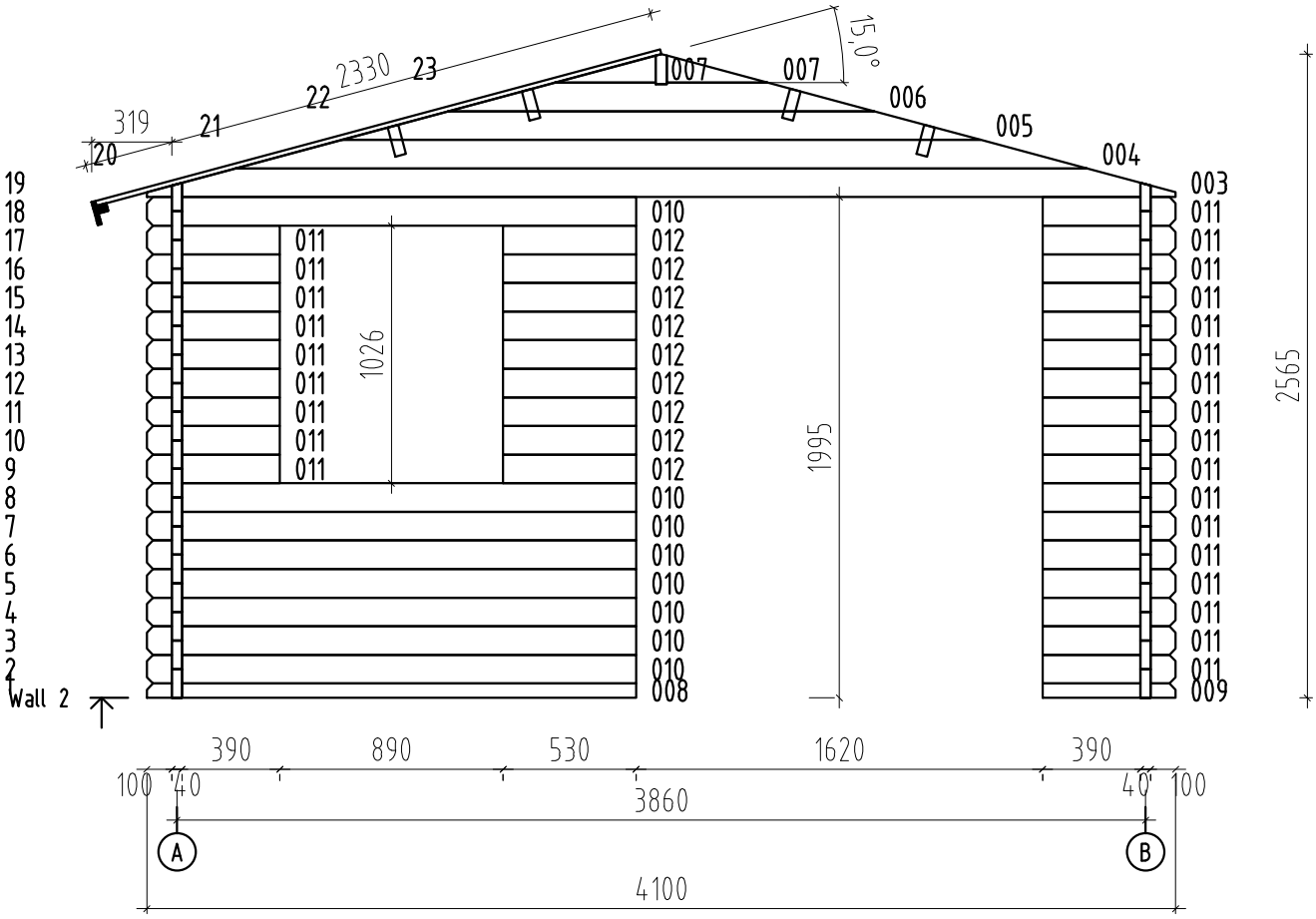
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Wall 2
011
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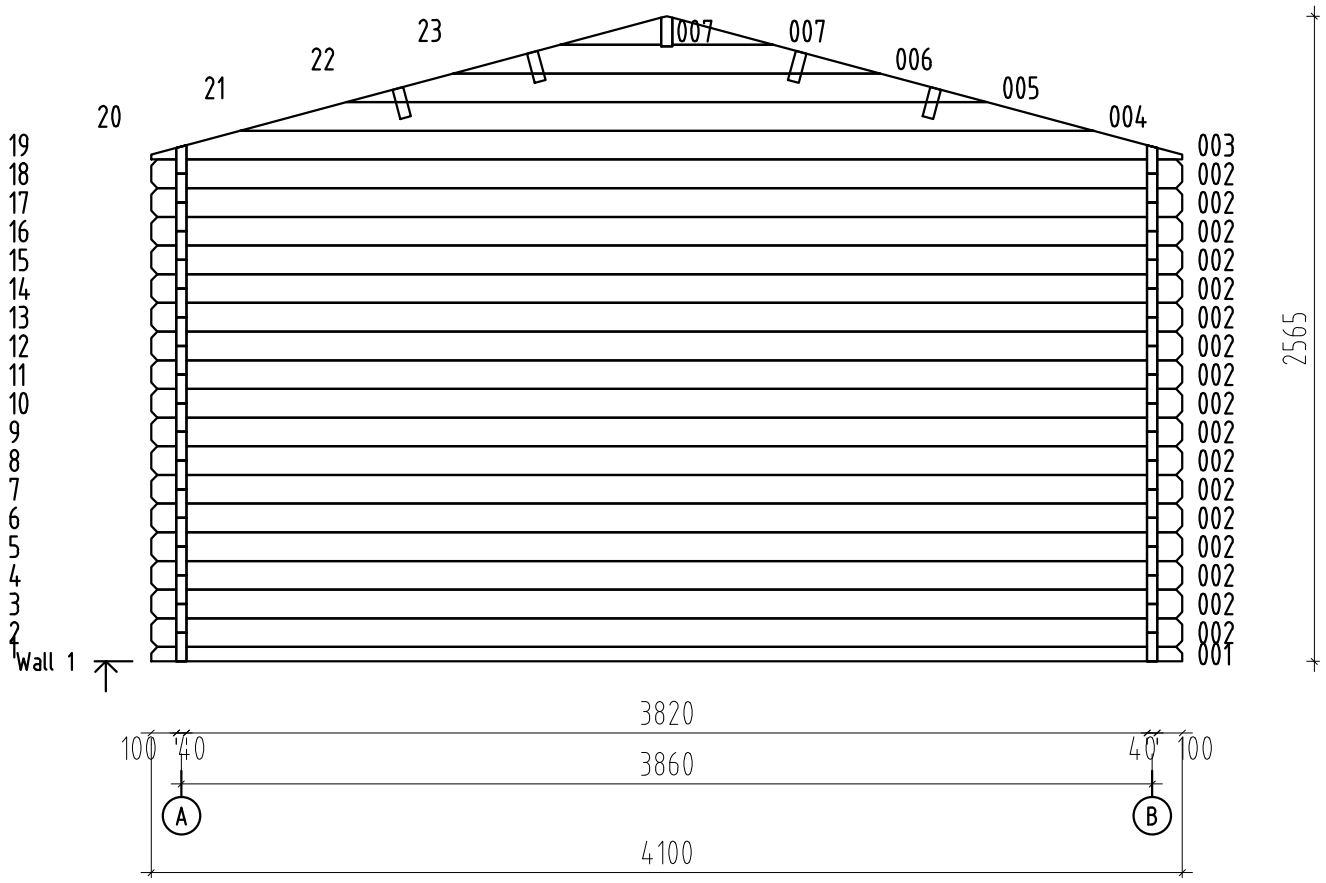
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001
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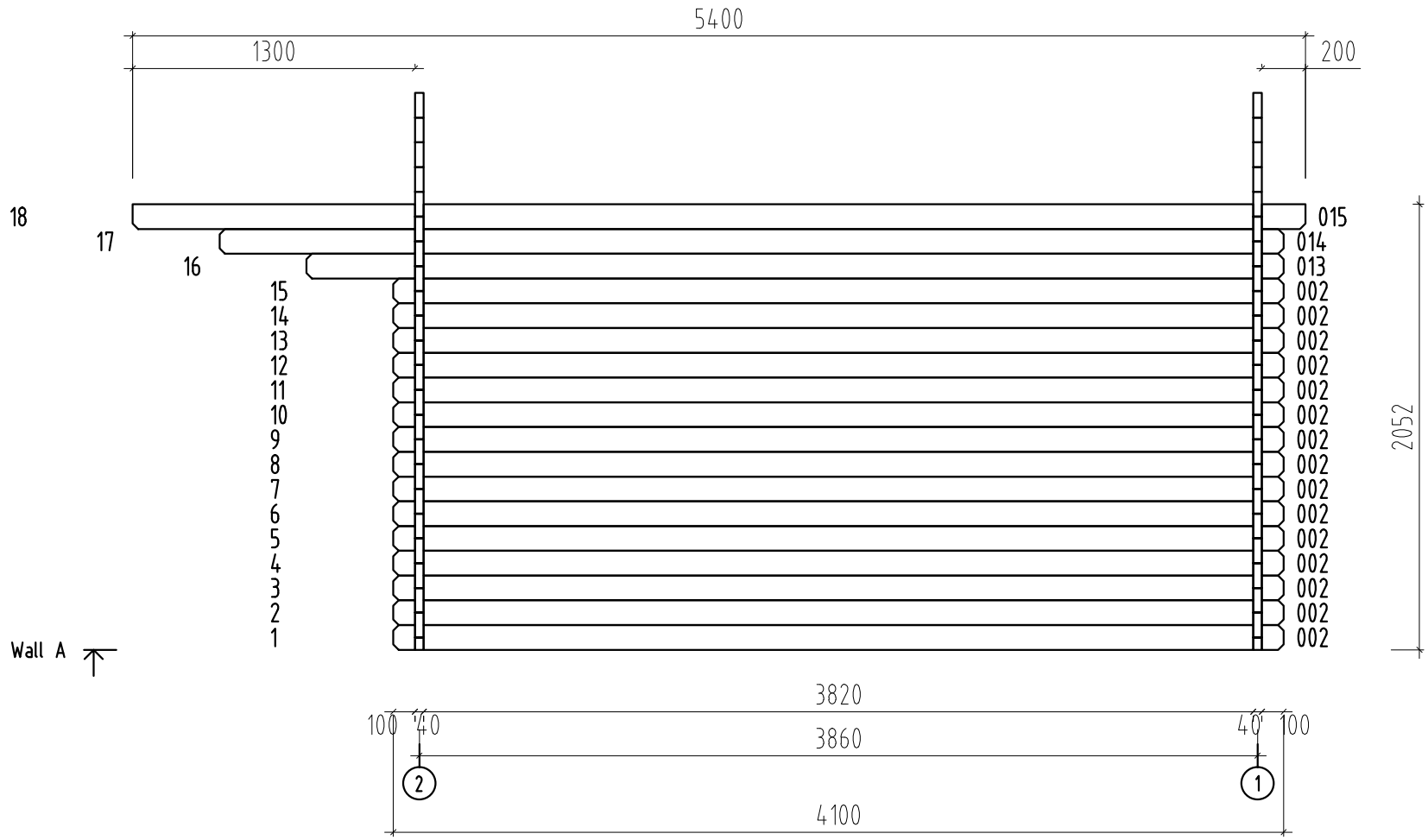
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Wall A
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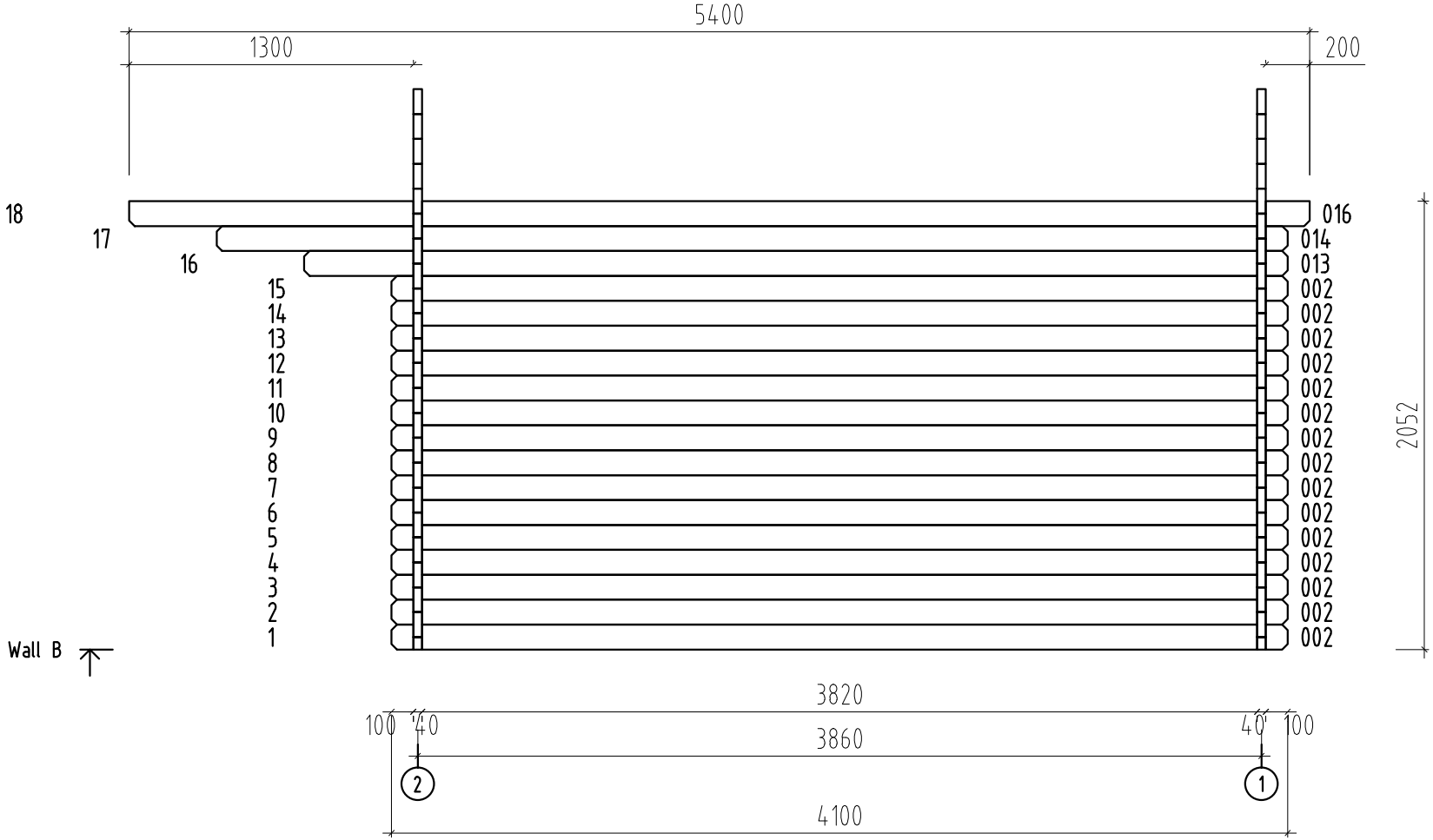
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2052
Wall B
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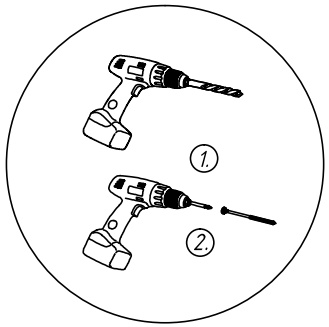

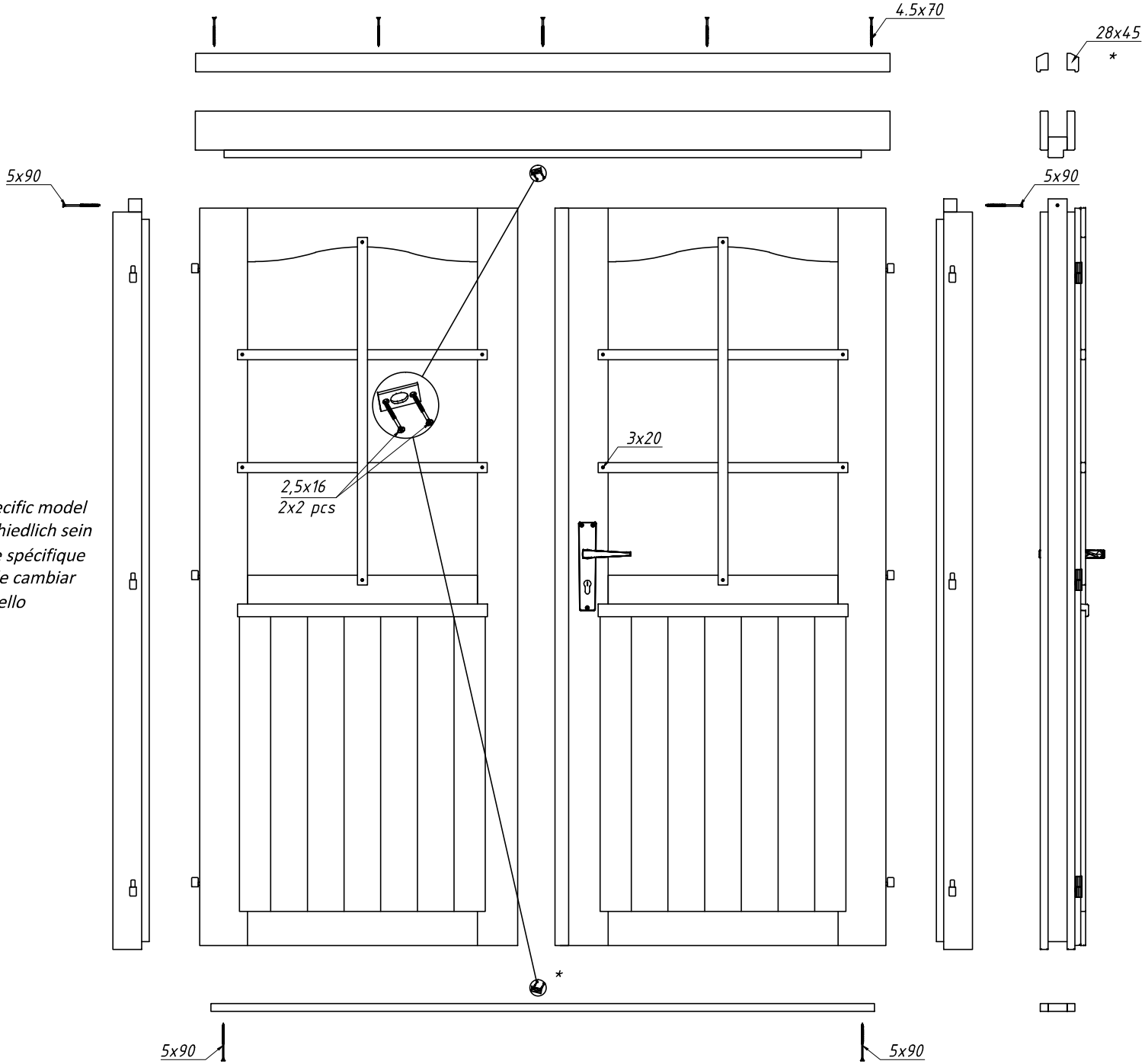

** The specification may vary depending on the specific model*
** Die Spezifikation können je nach Modell unterschiedlich sein*
** Les spécifications peuvent varier selon le modèle spécifique*
** Dependiendo del modelo, la especificación puede cambiar*
** Le specifiche possono variare a seconda del modello*