

## Prefabricated buildings

### Model Saddle roof



## Recommended tools

- Cordless screwdriver
- Spirit level
- Screw clamp
- Pliers
- Tape measure
- Hammer



Generally two persons are required for the assembly; it is recommended to have a third person assist with larger summer houses.

## STEP 1

## Before you begin!



As a basic principle, only build your summer house on a level surface. Check your foundation prior to assembly!

All models are generally delivered in an unprocessed state (unpainted and without roofing); deviations depend on your order.



Open the package and lay out all the pieces. This will make assembly easier. Always provide an underlay to protect any painted pieces.

You will find the house keys on the side of the door. The keys are fixed with a screw.

Remove them prior to the installation of the door to avoid damages.

### IMPORTANT:

Please have a close look at the drawing prior to assembly because this is the only way to visualise where the individual components need to be placed during assembly. The package always contains a couple of spare roof boards.



*(We recommend using a cordless screwdriver for fixing the screws. You should only fix window and door fittings manually with a screwdriver.)*

## STEP 2

## Assembling the floor



Set the preassembled floor in the desired position on the foundation.

**We have placed a layer of roofing felt beneath our foundation to protect the wood from water. (However, this is not mandatory.)**



Fix the two missing fascia boards of the floor with a cordless screwdriver and the provided screw set.



If you also want to protect the floor with roofing felt, pull up the excess material and fix it to the fascia boards of the floor with small nails or staples. Cut off any remaining excess material with a cutter.

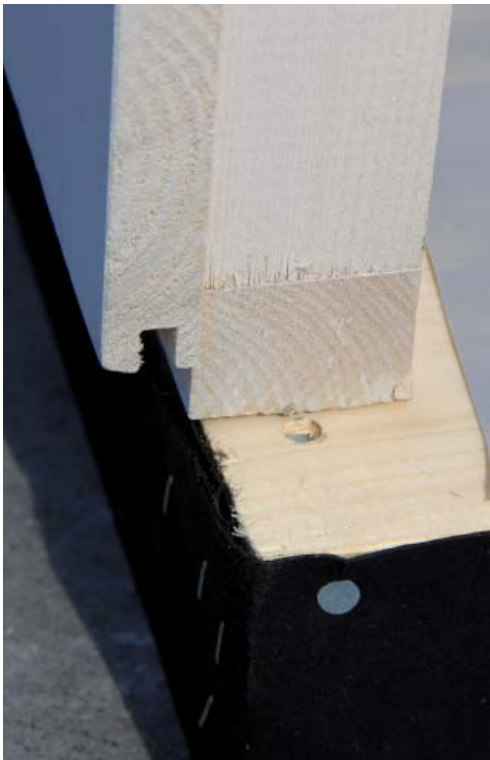
## STEP 3

## Setting up the wall elements



**Start with the assembly of the walls.**

Place the first two wall components on the floor and set both up. Make sure that the bottom scantling of the wall components is flush with the floor on the outside. Screw the wall components together. Make sure to fix only one wall component to the floor to be able to make minor adjustments to the walls.



Now place all wall components, one after the other, where they belong as shown in the drawing. Screw the wall components at least 4 times per side (on top, at the bottom and twice in the middle with the appropriate spacing).

The pieces must be screwed together flush without gaps. It is recommended to use screw clamps to hold the pieces together.



Now your summer house should look like this (see below).



## STEP 4

## Door installation



Put the key which you have removed from the side in the key cylinder and check to make sure it locks correctly. Now insert the door into the summer house. Open the door and adjust it from the inside if necessary. **Make sure that the door leaf does not swing open by itself.** Screw the door tight with the components and take care that it is installed accurately.



Now check to make sure the elements are properly placed on the floor. If necessary, adjust them by pressing the components until they fit. Screw the components to the floor with the proper tension and check again to make sure you have screwed the wall components together properly.

## STEP 5

## Gable elements and ridge purlin



Place the two prefabricated gable elements on top of the summer house.

Use a wooden board to protect the gable elements against hammer blows. This will help you attach the gable element firmly to the wall element. Screw the gable elements and the wall elements together properly.



Now place the ridge purlin in the prefabricated slots. Attach the two fascia rails on the left and right hand-side of the gable.

Make sure that the spacing at the back and in the front is equal.



Now screw the fascia rails and the ridge purlin to the respective components with the proper tension.

## STEP 6

## Attaching the handle sets



Insert the window handle into the lock in the window. Use a cordless screwdriver or a screwdriver to screw in the uppermost screw.

**Be careful not to overtighten it if you work with a cordless screwdriver.**



You can screw in the bottom screw after opening the window since the window handle will not get in the way anymore.

Check all functions of the window as soon as you are done.



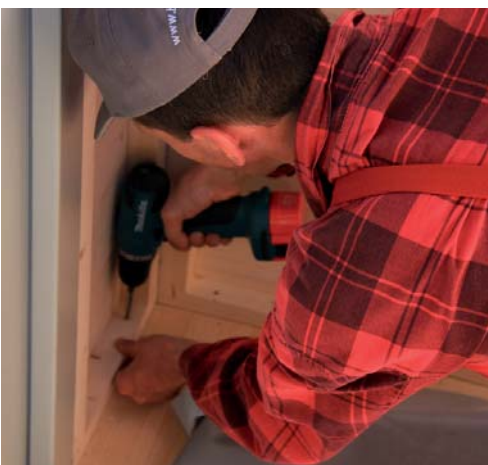
Now take the metal mount for the door handle and fit it in.

**Make sure that you fix it with a screwdriver because the screws will be screwed in plastic nuts and they may be easily overtightened. Please be careful.**

Watch a video on assembly and alignment at [www.bertsch-holzbau.eu](http://www.bertsch-holzbau.eu) under the menu item Video.

## STEP 7

## Attaching the outside base



Check once again that all elements are tightened properly and flush with each other.

Use screwdriver to insert the missing base boards on the outside of the wall components.

To do this, tilt the board and insert the tongue into the groove. You can press the board upwards into the groove with a screwdriver. Now screw the base boards to the base frame.



Make sure that the spacing of all inserted boards is the same. In the next step, you will mount the roof boarding.



The roof boarding is already cut to the correct length so that you only have to lay the boards from front to back.

Start at the front and align the first board flush at the front with the ridge purlin/fascia board. Make sure that you align the board exactly with the centre of the ridge purlin. This is necessary to avoid protruding wood at the ridge which would prevent the mounting of the opposite boards.

Now nail the boards twice to the ridge purlin and the fascia board. Lay the roof boarding all the way to the back. Measure in regular intervals to ensure that they are properly aligned and that the spacing to the wall is consistent. The backmost board needs to be cut to size in most cases. Afterwards, mount the remaining boards on the other side as described above.

Now mount the gable boards at the front and back. Fix the gable boards with screws to the roof boarding and the ridge purlin; the spacing between the upper edge of the gable board and the upper edge of the roof boarding should be approx. 5-6 cm. It may help if you indicate the centre on the ridge purlin with a pencil line. This will keep you from unintentionally exceeding the centre of the ridge purlin.

Mount the fascia boards with screws to the roof boarding.

**Make sure the upper edge of the board does not extend beyond the roof boarding.**



### Laying the roof felt.

*Roof felt not include in the package; available as accessory at your specialist supplier.*

Roll out the roof felt from one side to the other beginning at the lower part of the roof. Allow a few protruding centimetres and cut the excess felt off.

Fix the roof felt to the roof boarding with roofing nails or staples. The felt may protrude a few centimetres at the left/right hand-side and below. Cut off the excess felt with a sharp cutter and a wooden strip neatly at the edges of the gable boards and fascia boards.



Lay the sheets so that the next layers always overlap the underlying sheet at the upper edge by approx. 20-30 cm.

Always lay the sheets from bottom to top; the final sheet at the ridge (top of the roof) should be laid last over both roof parts. When installing a gutter (available as a special accessory) it is advisable to leave 5 cm of excess roof felt on the fascia board so that the water can flow directly into the gutter.



**Bertsch Holzbau generally recommends laying bitumen roof shingles on top of the roof felt (bitumen shingles are optionally available). This guarantees greater and better protection of the roof and therefore the whole summer house.**



**Please note:**

These assembly instructions provide support for proper assembly.  
The order of the described steps is not necessarily binding.

Nevertheless, if you should experience any problems with the assembly of your summer house, please ask your specialist supplier for help. He will gladly assist you. Bertsch Holzbau rejects any warranty for damages resulting from incorrect assembly or gross negligent actions.

*Always read the attached drawing and these assembly instructions before commencing the assembly.  
Ensure in advance that no damages have occurred.*

Thank you for choosing a Bertsch Holzbau product and we hope you enjoy your new summer house.

You can find assembly videos on our website  
[www.bertsch-holzbau.de](http://www.bertsch-holzbau.de)

