

## Pavilions Octagon model



## 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!

Open the package and lay out all the pieces (in the garden) so that you can assemble them without great effort one after the other. This will make assembly easier. Always provide an underlay to protect any pieces even when they are not painted. Use leftover wood pieces from the packages.

### The house key

You will find the house keys on the side of the door 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.

*(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 two preassembled floor elements upside down on the foundation. Push the two floor elements together so that groove and tongue are closed in the centre. Make sure both pieces are flush on the sides.



Now take screw clamps and fix the floor elements where they meet and screw them together with the provided screws (approx. 6-8 screws depending on the model).

### Attaching the base frame

Take the pressure impregnated base frame and attach it to the floor at the edge all the way around. The individual pieces are numbered and should be screwed to the floor at the corresponding positions. See the drawing for the amount of overhang. Screw the entire frame and the inner parts to the floor as described.



Turn over the completely assembled floor and set it in the proper place on your foundation. At least two persons are required to turn it over; you may want to have a third person assist you.



## STEP 3 Setting up the wall elements



We start with the door element. Carry the door element to the position shown in the drawing or where you want to enter your pavilion and set it down on the floor. Now take the element on the left or right hand-side of the door and place them at the position shown in the drawing. The wall elements need to be properly set on the foundation. Push the two elements together on the frame so that the sides (groove and tongue) are properly connected. Screw the two connected pieces together on the top and bottom with a cordless screwdriver. Make sure a second person holds the wall elements from the outside while screwing to prevent them from falling over.



### CAUTION:

Do not fix them to the floor yet because the elements still need to be moved. The two screwed pieces should now



stand on their own on the base frame. Now assemble all pieces, one after the other, as shown in the drawing and described above. When inserting the final piece you need to press one piece slightly outwards at one of the two corners so that the wall element slides with the tongue into the groove. Now screw all wall elements together ensuring that there are no gaps. Check to make sure the walls are properly set on the base frame and adjust them if necessary. If all wall elements are properly assembled screw them to the base frame.

## STEP 4

## Setting up the roof elements



The provided roof elements are generally inserted into the already assembled wall. Set all roof elements (the roof elements show here come pre-shingled) carefully on the provided tongue of the exterior walls. Support the pieces in the centre of the pavilion. Use a ladder; this will also help you when you lay the roof elements on the walls. After laying all roof elements, they will support themselves so that the roof cannot collapse.



### **Screwing the roof elements:**

Press the roof elements (one after the other) upwards with a board (take leftover pieces from the package) so that they are flush in height with the adjoining elements at the roof overhang (exterior of the pavilion).



Now take a screw clamp and tighten the adjusted roof element at the roof overhang (outside) and screw them together from the left and right hand-side. Place two small pieces of wood underneath the clamp to protect the wood.



Screw all pieces, one after the other, on the outside. Make sure all roof sections are set properly on the wall elements.



If necessary, adjust the position of the roof element with a hammer. After screwing all roof areas on the outside, the elements need to be aligned at the top. Do this by pressing or gently hammering from the outside (one person on the roof). Screw all elements together one by one.



Make sure the adjoining roof beams are flush when adjusting the pieces. Screw all roof elements together properly and to the wall elements.



## STEP 5

## 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 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 6

## Completing the roofing



In our example the individual roof areas are already shingled, which means you only need to attach some small pieces of roof felt to the roof edges (ridge).

Cut off the individual pieces from the provided shingles with a knife. Make sure the pieces get narrower from the black adhesive surface to the back. Cut off several pieces in advance because you will need a number of shingles for the roofing of one ridge.



Start at the bottom of the eave and lay the first shingle centred on the ridge (roof edge) so that half of the shingle covers each side. Nail the shingle to the roof using two roofing nails in the upper half of the shingle. Place the



next shingle above this one. Place it so that the shingle covers the black adhesive surface. Repeat this step until you reach the top. Repeat this process for the remaining roof edges (ridges).

After all ridges are covered with shingles, attach the provided copper bonnet to the roof top. Turn the bonnet until it has the correct position at the top and is set properly on the roof area. Now attach it to the roof using several roofing nails. Make sure the screws do not penetrate the roofing board. (Consider the length of the screws!)

### **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 approx. 30-40 cm of excess roof felt to the adjoining roof areas and cut it off. Attach the roof felt to the roof boarding with roofing nails or staples. Repeat this step for all roof elements until you have laid one layer around the entire roof. Lay the next layers so that they overlap the underlying sheet at the upper edge by approx. 30 cm. Lay them as described above. Repeat this step until you reach the top. Cut off a square piece of roof felt for the top and attach it centred over the top.



**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)

