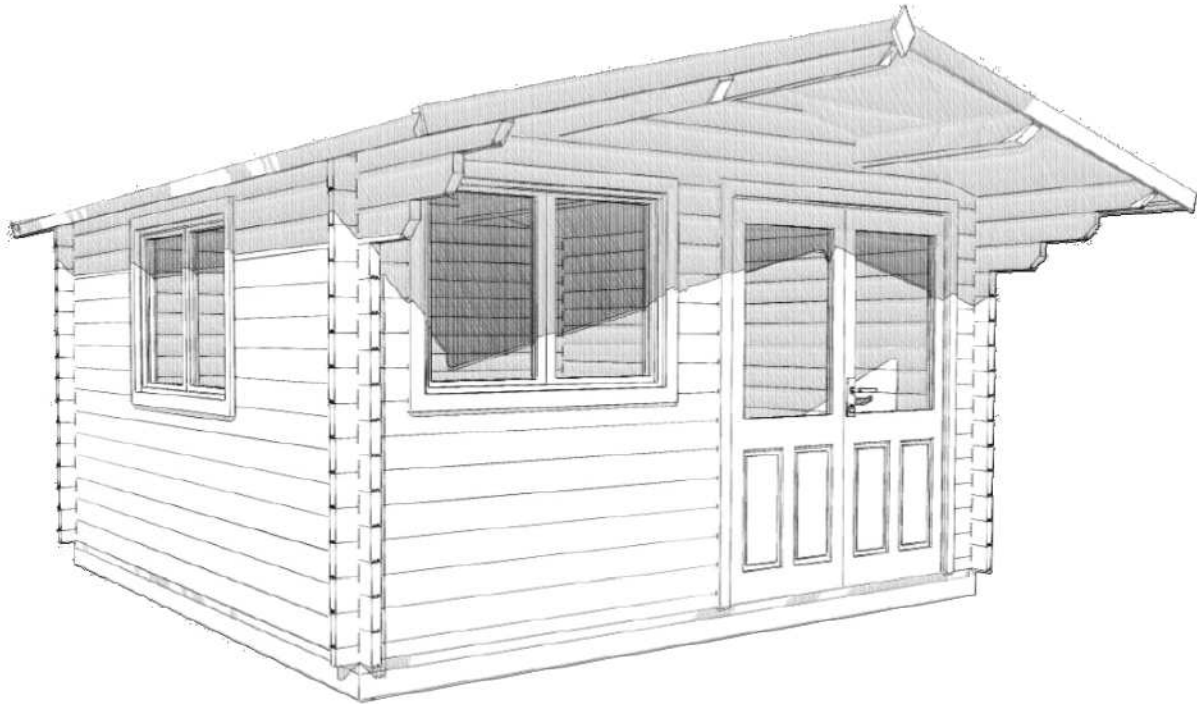


# Assembly Instructions

This instruction manual is only a generic guide and may not fully represent your  
cabin

Building sizes, specifications and drawings of your cabin will be found in cabin  
instructions



# HUD-1 EZ BUILDINGS

2208 N. Highland Ave Jackson, TN 38305  
731-574-8702, [www.hud1ezbuildings.net](http://www.hud1ezbuildings.net)

## **Fast aging prevention**

The timber we use is absolutely untreated, except for the impregnated floor beam parts. Timber needs to be protected from the damaging effects of weather changes, sunlight, moisture and biological infestation.

It means, that it will turn greyish over the years. To guarantee the longevity of your Log Cabin, we recommend to treat it with three coats of quality preservative. It is not advisable to paint the wood before assembling the logs – this is best done when the cabin is already constructed and the weather is fine. However, if you wish to paint odd parts in different colours, this should be done before the cabin is assembled.

An adequate ventilation and the prevention of water penetration are the best ways to protect wood from rotting.

# BEFORE STARTING

Please be aware that the plans for your building can be buried in the pack, if building is multiple packs, the plans can be in any of them

**We advise to unpack all packs and find plans first**

## ROOF COVER

Please ensure you have your chosen Roof Covering (Metal roof plates, Shingles) ready before building your cabin

**Before starting the assembling make sure that you have all the tools and items that will be necessary:**

**Necessary Tools:** hammer, screwdriver, ladder, saw, spirit level, measuring tape

**Necessary Items:** nails, screws

**Helpful Tools and Items:** knife, drill, pliers, rubber hammer, chisel



# 1. FOUNDATION

The most important task before your Log Cabin is assembled, is to have the base prepared properly.

To ensure complete stability, it is important that the foundation is level and flat. Also it is good to make sure that the ground permeates water well and that the frost heaving is prevented.

As an alternative, we recommend solid concrete slab or a concrete sole.

**Tip:** an even base is the main step for a successful assembly.

Necessary Tools and Items:



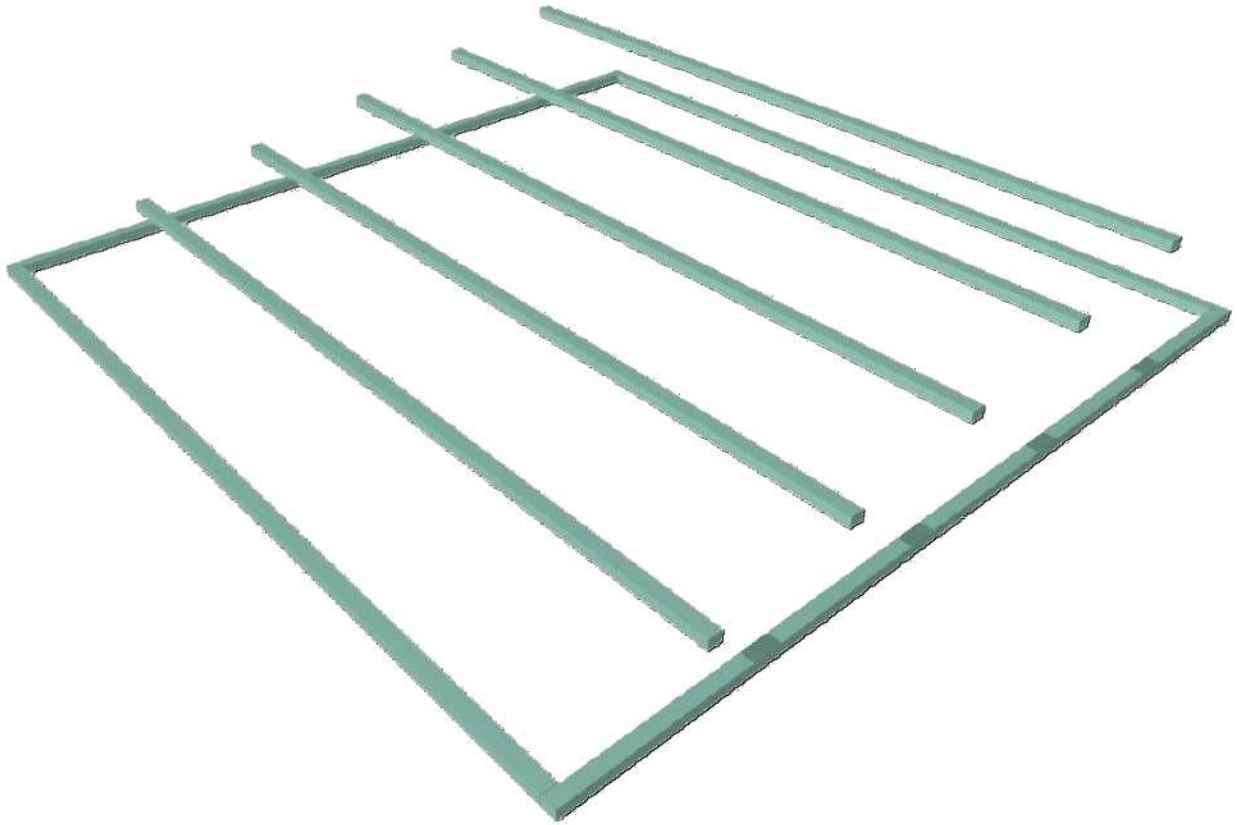
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**Tip:** It is recommended to fix the foundation to the base so it will stay stable and in one place.

**Tip:** Wooden parts are not very close friends with humidity, even if those parts are impregnated, so it is highly recommended to separate them from concrete base with any kind of waterproof layer of your choice.

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1. Place floor bearers on the foundation according to cabin instructions
2. Screw them all together

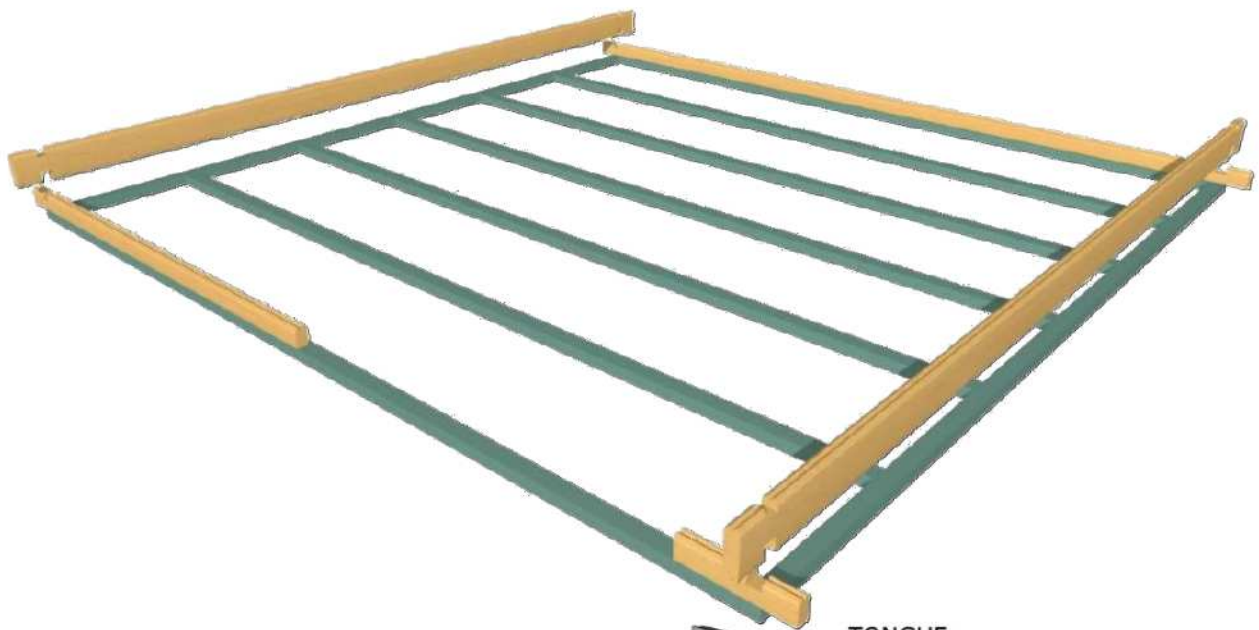


## 2. FIRST LOGS OF YOUR CABIN

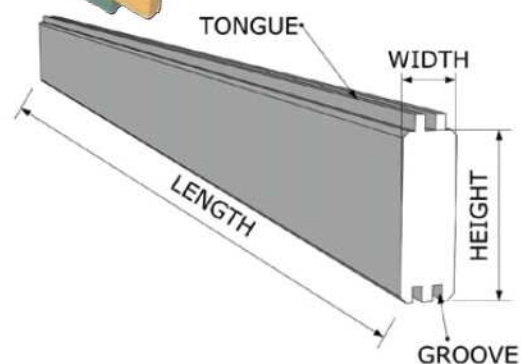
As you might have noticed, not all the cabin logs are normal in width. A few of them are half width.

**Tip:** The placement of the first logs is very important, because a good start is the key to success.

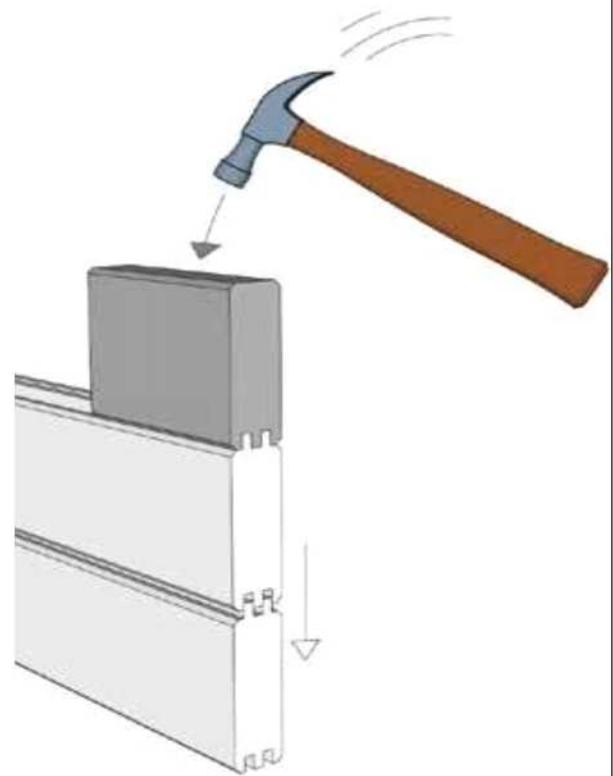
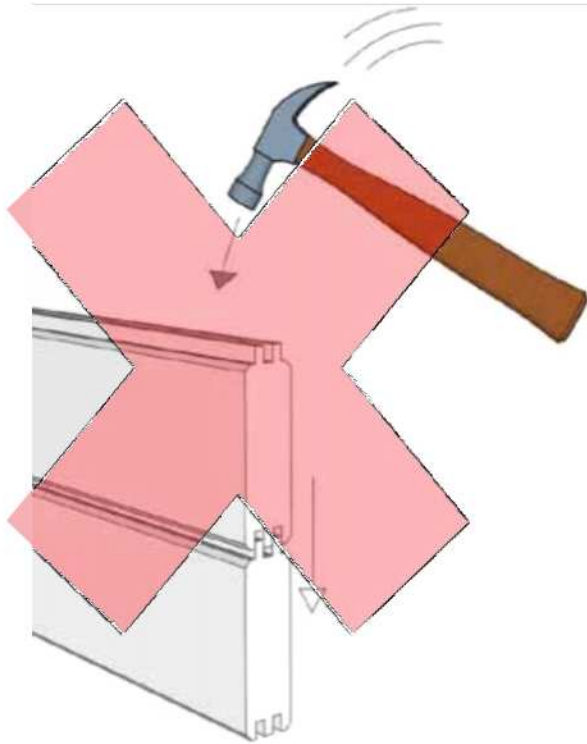
Necessary Tools and Items:



**All logs have to be  
Placed tongue up**



Place all the first logs in correct order and screw them in place.  
To fix logs, use a hammer with a piece of wood or rubber hammer to knock the logs in to place



### 3. DOORS AND WINDOWS

For your convenience, we recommend fixing doors only after at least 5 logs are applied.



**Tip:** Usually the door opens outward.

#### **Single door**

The door comes fully prepared for assembly, all you have to do is slide it down to the right place. Also, be sure that you are fixing the right side of it. The door has an adequate tolerance so that the wall log would fit in smoothly. If it doesn't fit in easily, ensure that the logs at the sides and the battens of the frame are straight. The bottom of the doorsill should be absolutely level with the base.

If the frame does not fit between the logs, you will need to cut the wall logs leaving about 5mm gap between the door and the wall.



**Attention: Do not use too much strength in order not to break the frame**

### **Double door**

Double door frame has to be put together at site using nails or screws. Screw the side, upper and bottom parts together. Make sure that the distance of the side frames is exactly the same at the top and the bottom. The door frames are fixed straight into their places from above (hinges outside).

Further adjustments can be made by tightening and loosening the hinges

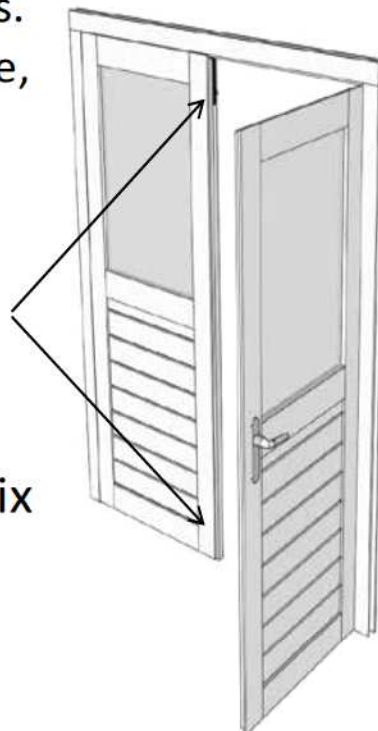
**DO NOT NAIL OR SCREW THE DOOR AND WINDOW FRAMES TO THE WALLS, BECAUSE IT MIGHT BE DAMAGED DUE TO THE WOOD EXPANSION AND CONTRACTION**

### **Double door opening and adjusting**

Double door has two opening parts. The first one opens with the handle, another one has a fixing clipper mounted on top and bottom of it.

Fixing clippers

To open both sides, first open the part with the handle, then unfix levers at the top and bottom.



Continue on assembling by using cabin instructions, until you reach the point where the windows have to be added (usually it is 7 or 7,5 logs). We recommend to fix the windows when there are 4 logs from each side to keep a window from falling out.

Fit the windows into their places the same way as the door.

If the frame won't fit, you will need to cut the wall logs leaving about 5mm tolerance between a window and a wall.

If there are some problems with opening or closing the door – hinges are adjustable.



## Tilt & Turn window working principle

Main points to know:

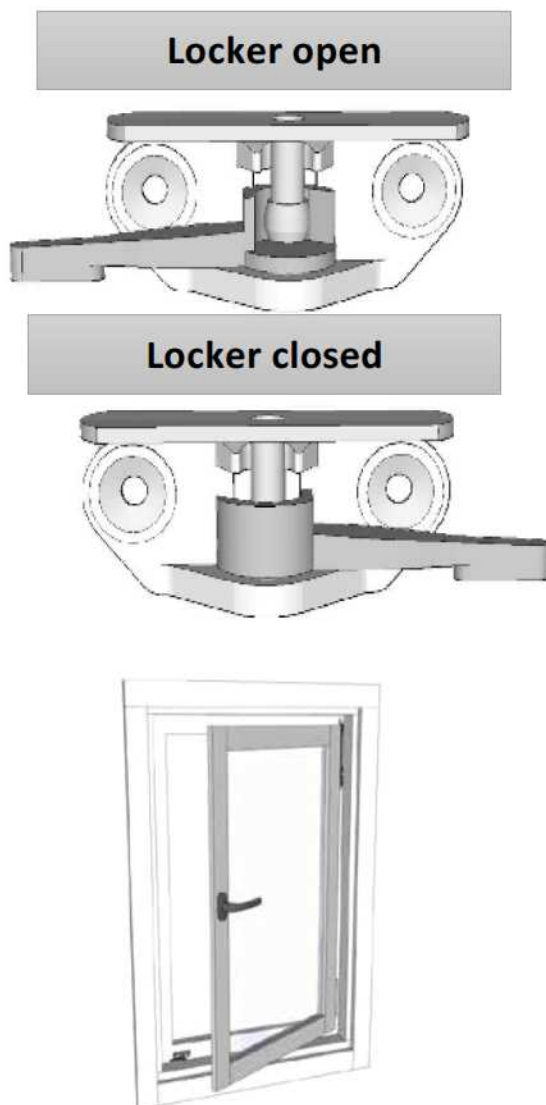
- The handle
- The hinge
- The locker

Ways to open the window

- Tilt
- Turn

### Turn opening.

Switch locker position to open



**Tilt opening.** Press the hinge clipper to release the rod. The locker has to be closed.





## 4. THE FINAL WALL PARTS

Necessary Tools and Items:



The parts at the very top have a unique angled corner. These are the parts, that will be in contact with the roof.

Tip: Do not hurry with the last two cornered parts as these parts have to be even with the triangle of the roof



## 5. ROOF TRIANGLES

Necessary Tools and Items:



Carefully attach the triangle on top of the wall and fix it in place. Use screws if necessary.



## 6. ROOF BEAMS

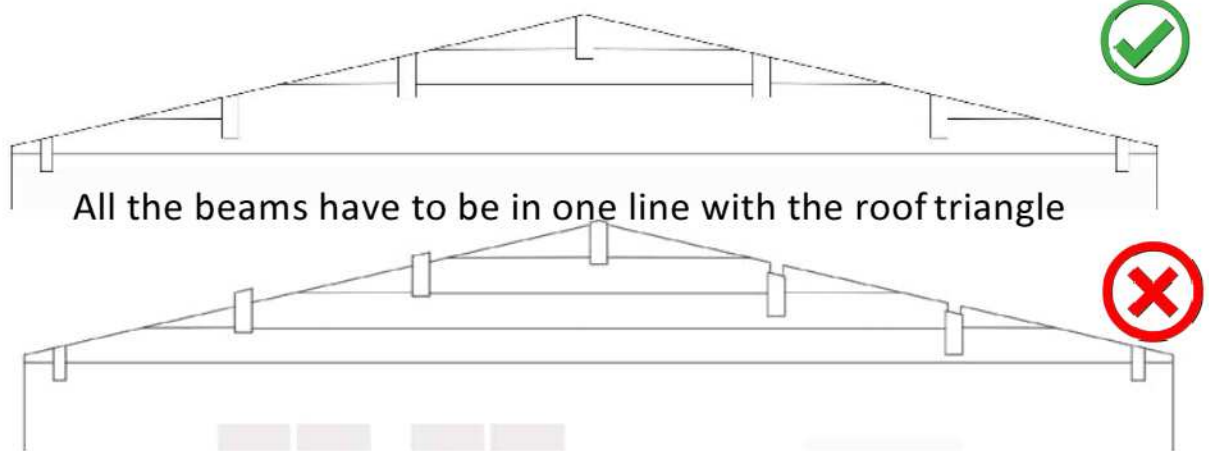
Necessary Tools and Items:



First just put all of the beams in to their places on a triangle.



Then make sure that all of the purlins are sitting correctly in their places. Fix them with screws if necessary.



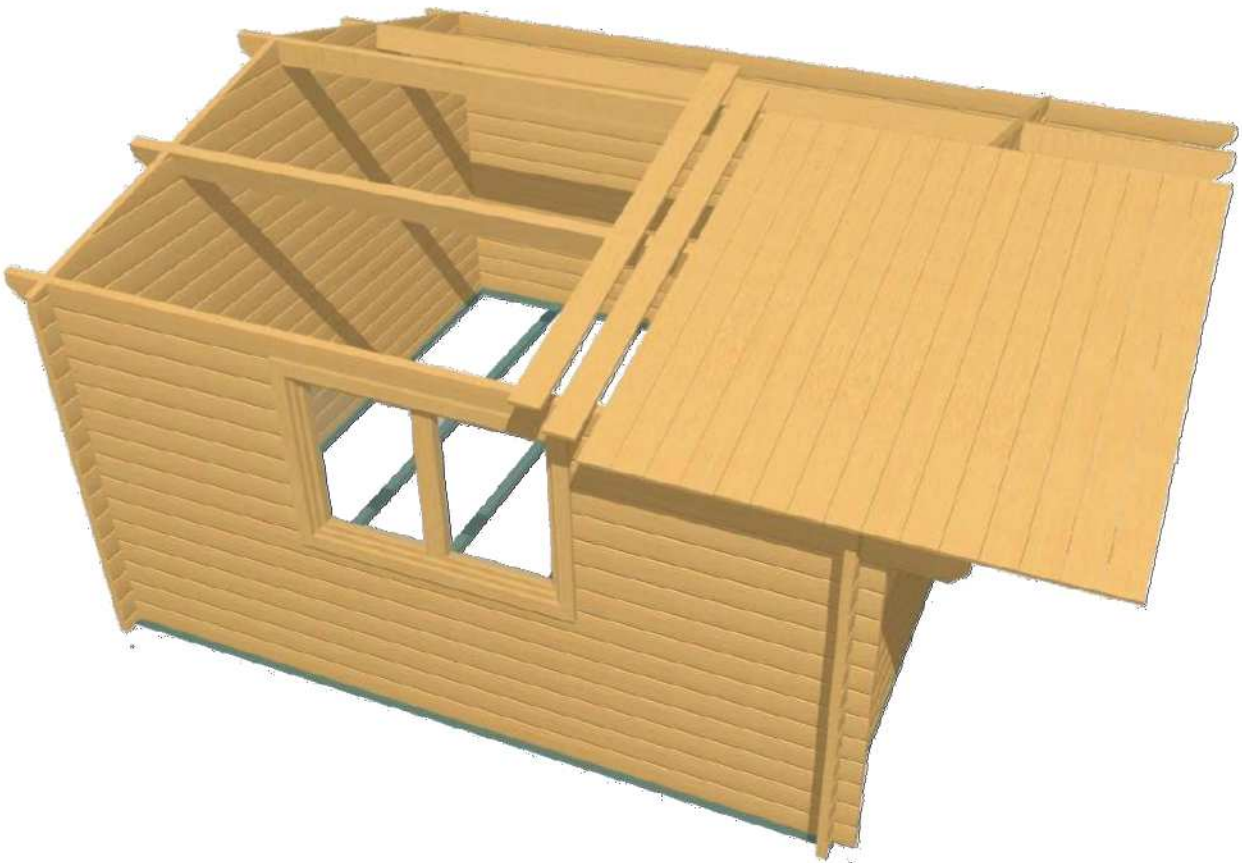
If there is a mismatch, you have to fix it, because later you will have problems with the roof boards.

Depending on the type of mismatch, you should either cut deeper holes in the triangle or add some piece of wood underneath the purlin to lift it.

If the cornered wall parts in a triangle are not in the same line – they have to be adjusted.

## 7. THE ROOF

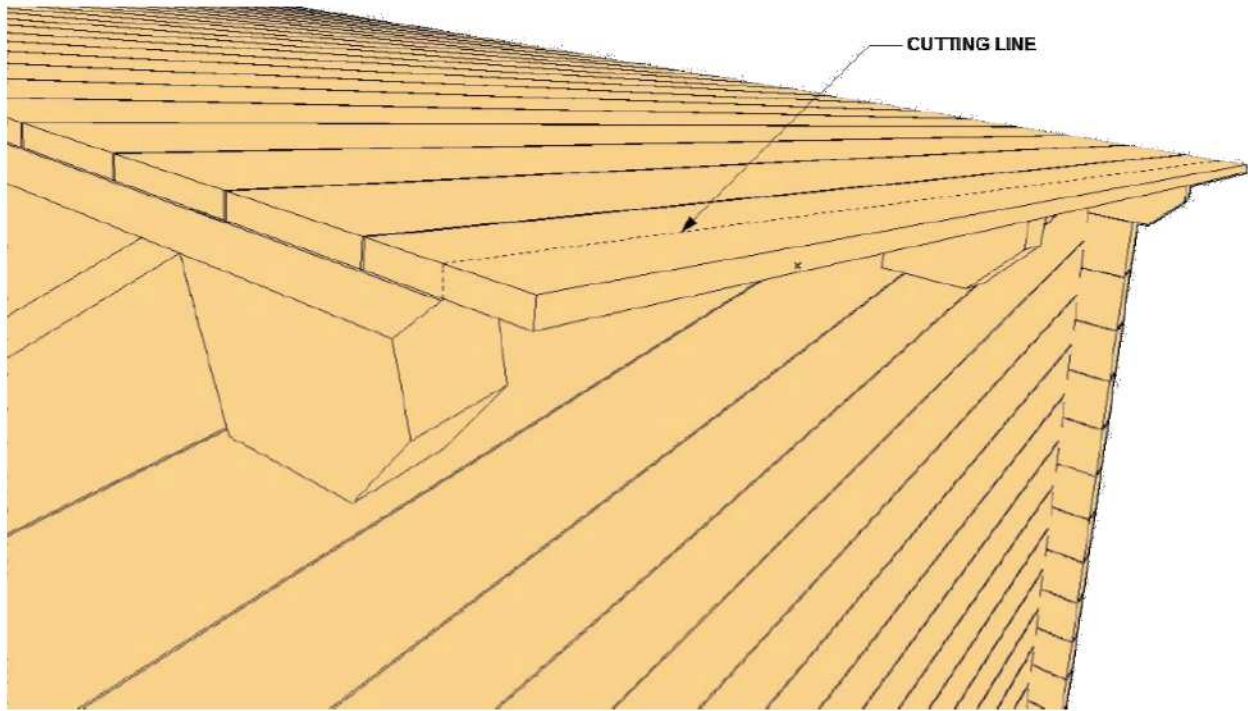
Necessary Tools and Items:



We recommend you to start in the front side and continue by moving backwards. All the roof boards have to be fixed tightly and checked for any mismatches.



Keep assembling one side of the roof until the edge. It might be that you will need to cut the last roof board in order to adjust the width.



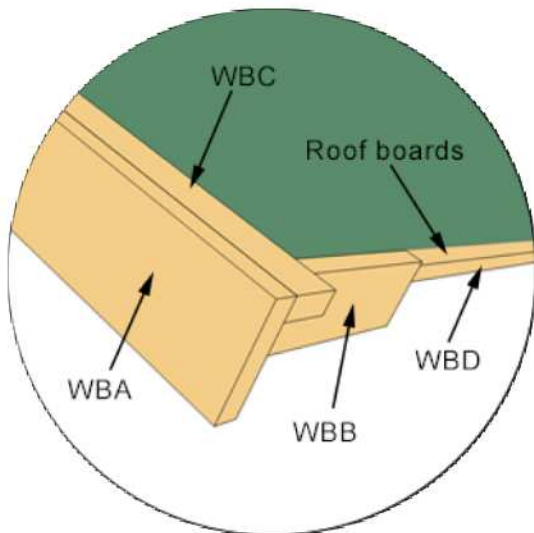
# 8. WIND BOARDS

Necessary Tools and Items:



Install wind boards as shown in the picture below.

Windboards detail

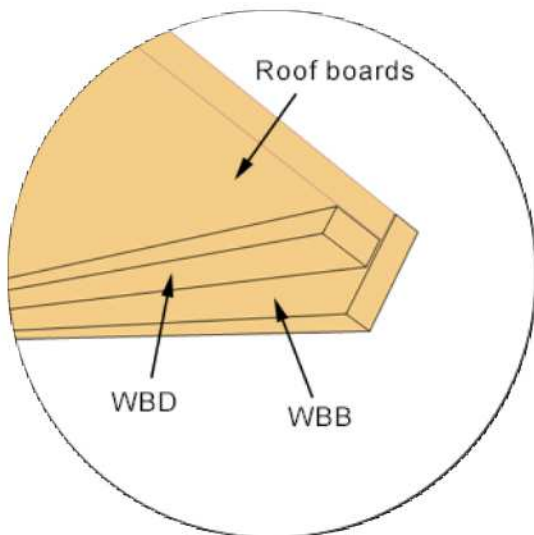


WBA – Front/back wind board

WBB – Side wind board

WBC – Top wind board

WBD – Fixing batten

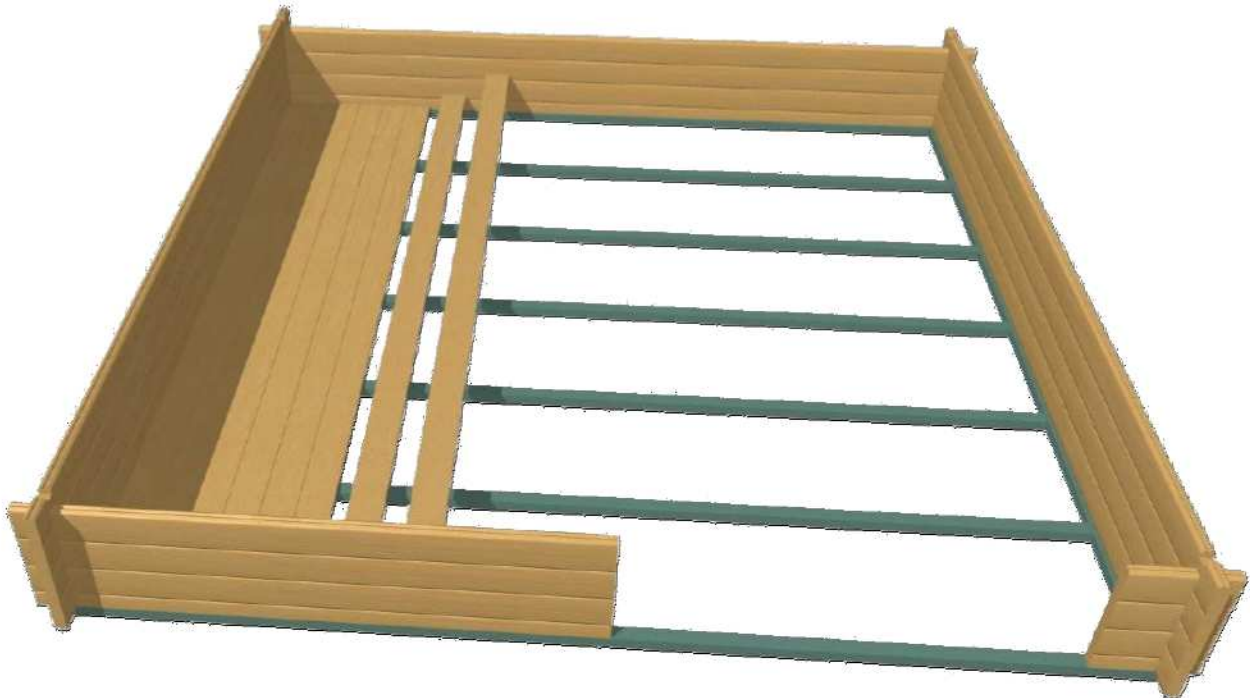


## 9. THE FLOOR

Necessary Tools and Items:



Start installing floor boards perpendicularly to floor bearers, starting from the farthest side of the cabin or room looking from door.



Floor boards are shorter in length than a distance between the cabin walls, so it fits without hassle. Here you will need a hammer and a piece of log to knock the planks in a certain place. And the same as roof planks, the last one will have to be adjusted so it would fit.

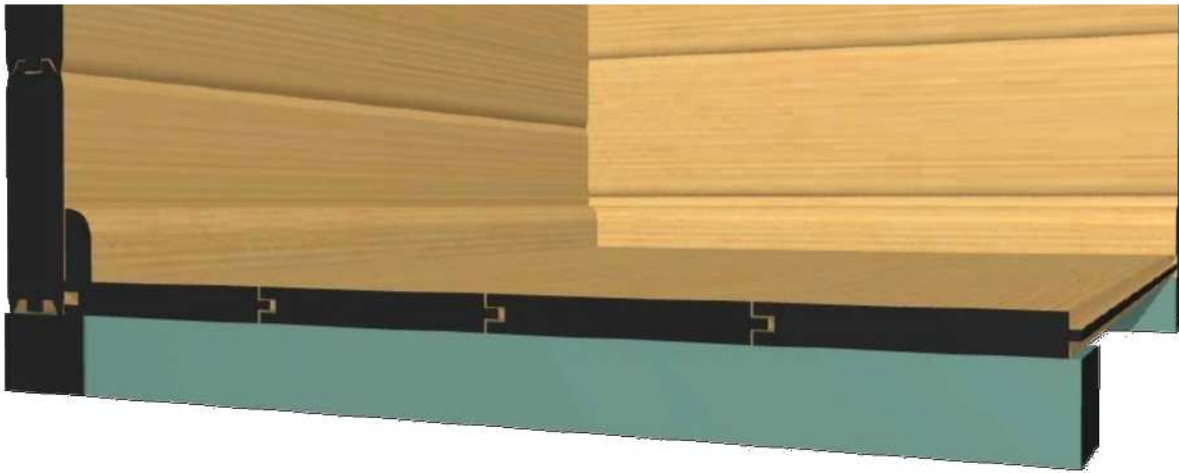
## 10. TRIMS AND RHOMBUS

Necessary Tools and Items:



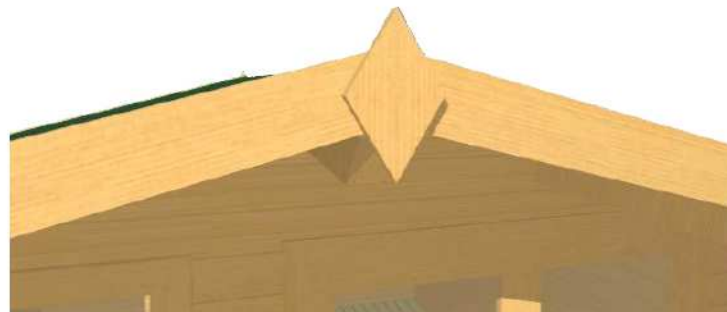
### Trims

Trims are used to cover the gap between the floor boards and the wall. All trims have to be cut by internal cabin measurements.



### Rhombus

It is the very last part. It is fixed on top of the roof triangle and covers the connection of wind boards.





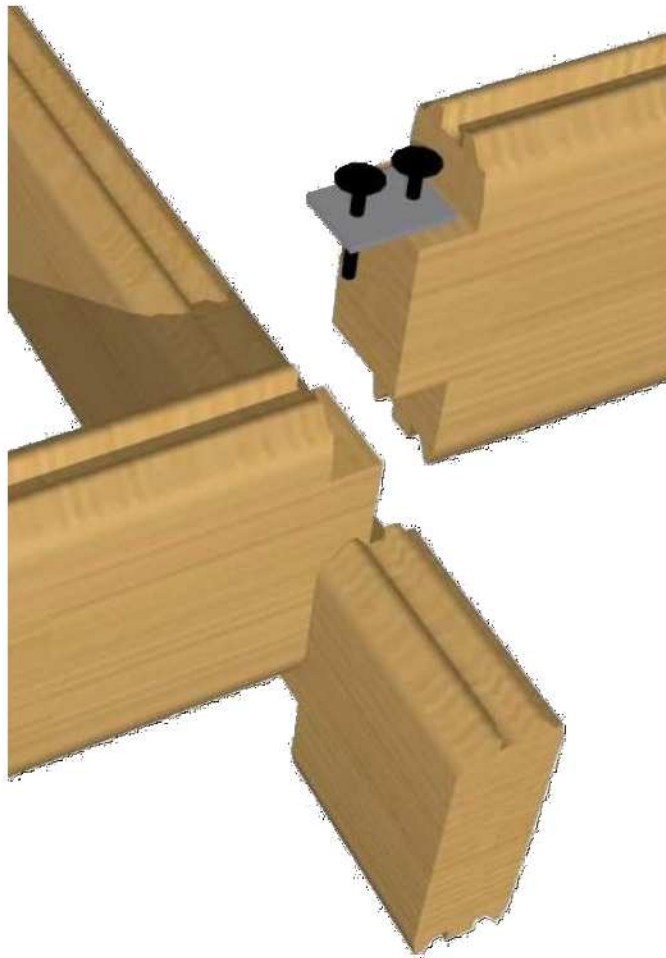
## 11. WALL LOG CONNECTION

Insert a metal plate into the notch

Connect the locks, make sure that they have sat perfectly.

Screw those locks together, with two screws. Do it as shown in the picture.

This applies to all the half-joints in your cabin.



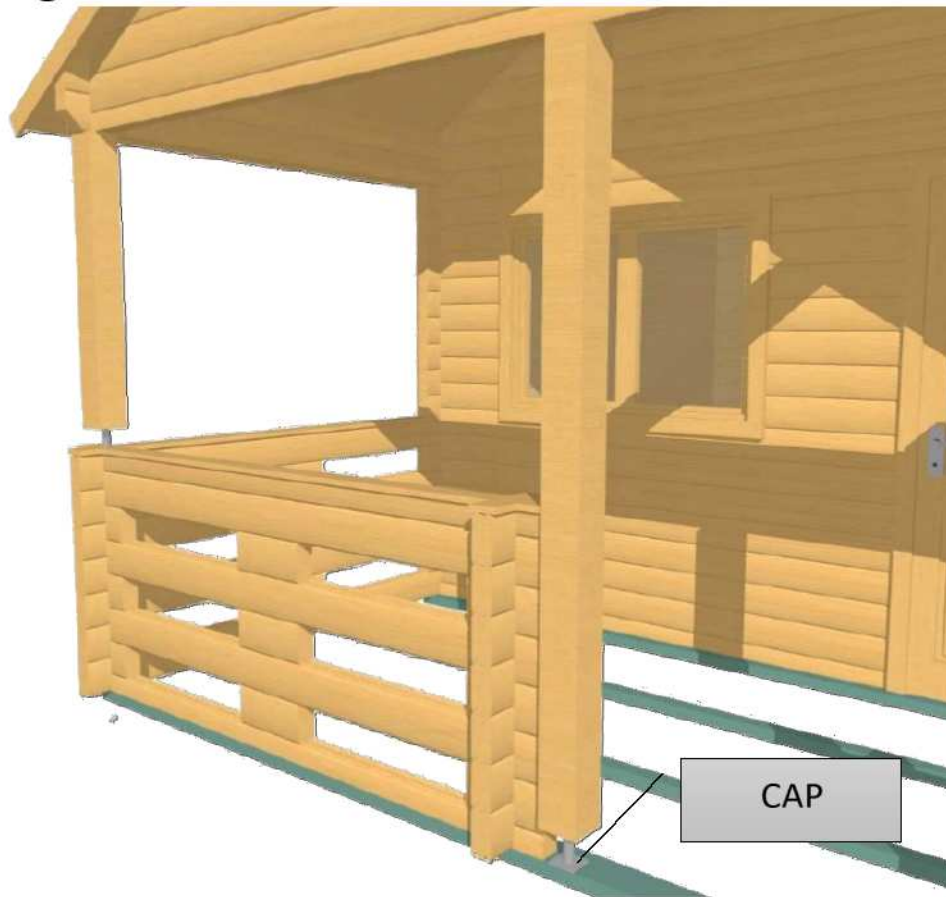
## 12. COLUMN

The columns are used to support the structurally weakest points in your cabin.

After you reach the level where it should be mounted, carefully measure the length that will be necessary to support the structure and cut the column in needed length.

1. Drill a hole for metal Column Adjusting Piece (CAP)
2. Attach CAP to the base, then put the column on top of CAP with hole facing down.

**Attention: CAP has a nut, which should be adjusted according to house settling. Top of column has to be screwed to log using long screws or metal corners.**





**GOOD LUCK AND HAVE FUN!**





**ENJOY YOUR CABIN!**