

Wood characteristics

Wood has a number of specific characteristics, which are natural and inherent to it. The biggest practical moment is that the wood has its specific colour and density, also the effect of humidity result.

In longitudinal cut most of the wood has a nice, decorative and often very appreciable cut-out which is called texture.

Wood has a specific scent. The scent is given by attars, resins and fermented substances. New-mown wood gives a better scent.

A very important attribute of the wood is to store and easily return the water.

The bad attribute is to bloat and dry out. When wood is drying, it shrinks its linear measurements and volume decrease. When the wood absorbs humidity, its linear measurements and volumes increase.

Downsides of the wood are that it chaps and warps. When wood dries, humidity firstly evaporates from the surface, outer layers and only after from deeper inside layers. That is why, when the outer layers start to shrink, the inside layers, due to bigger wetness, oppose to drawing. Firstly the surface is chapping, next the inside. When wood dries it can have longitudinal or cross warp. Longitudinal: When dried straight balk bends, flat plank twists and gets the form of the propeller. Cross: When the form of woods' cross-section is changing, quadratic balk becomes the balk with rectangular or rhomb cross-section, flat plank becomes hunched.

Wood has a number of specific technological characteristics. It easily splits along the fibre, nicely holding metal fastenings, it can flex easily, is durable to depreciation. Screws hold in the wood extremely well. Screws have a much better grip with the wood than the nails, and they do not cut the strings.

Peculiarity of the wood (taints): branchy wood, cracks, subnormal structure, infractions made by fungus and insects. Wood, as it is a product of biological origin, is so varied, that the concepts "normal wood" or "subnormal wood" often has a conditional complexion. On sawn-on wood and sawn timber assortment following fungus taints may occur: mould, brownness. Mould funguses generally do not affect physical and mechanical characteristics of the wood.

When wood is affected by biological (fungus), physical (environmental temperature and humidity) and chemical factors – it decomposes.

Wood may last a long time, but volatile humidity and temperature of the environment reduces its lasting, because of that, a variety of cracks, which can damage the woods' integrity ,upspring, that facilitates woods' infection with fungus, and its rapid development. The older the wood is, the better its timbers durability is.

The most effective way to protect the wood from insect and decay is to soak it with special preparations, which are toxic to fungus and insects, - antiseptics.

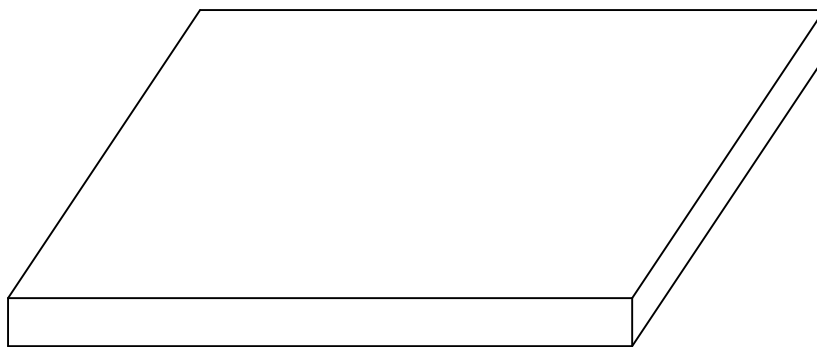
Assembly guide /Norfolk 3 x 3

Assembling this Log Cabin “Norfolk 3 x 3” should take place during dry weather only. If it starts to rain during the assembling process, the wood should be covered over.

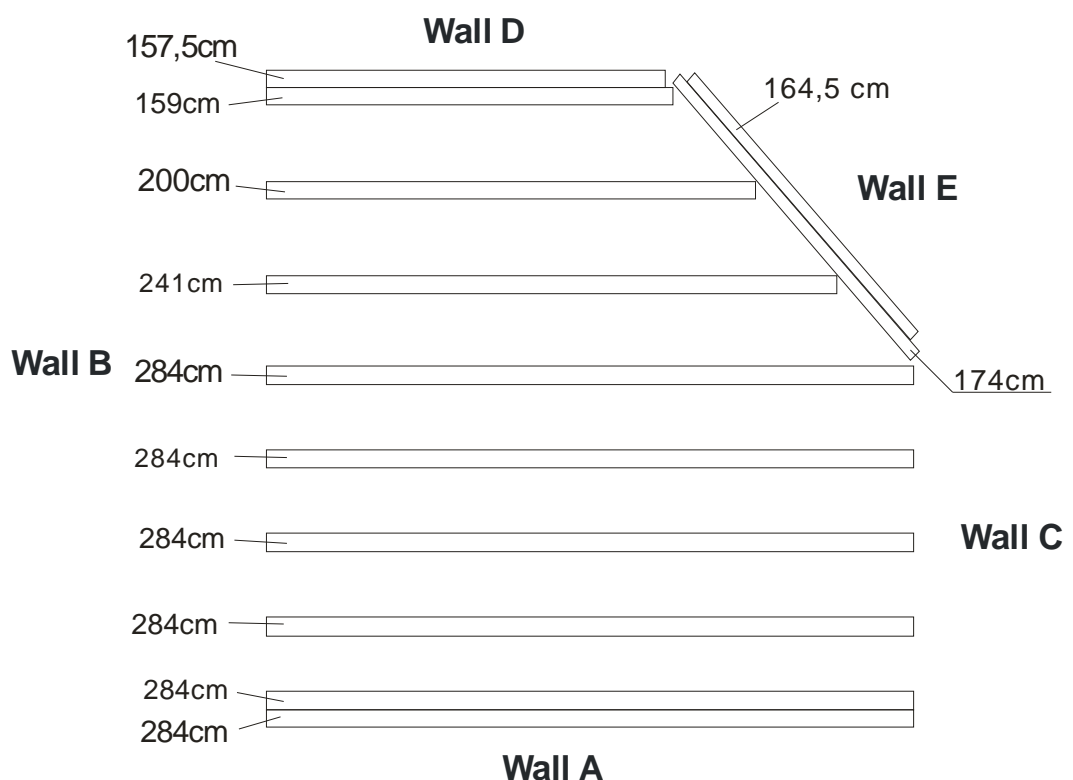
After completion, the cabin should be immediately protected with an appropriate paint or wood treatment.

Before erecting this cabin it is important to make a firm base, ideally using concrete or concrete slabs.

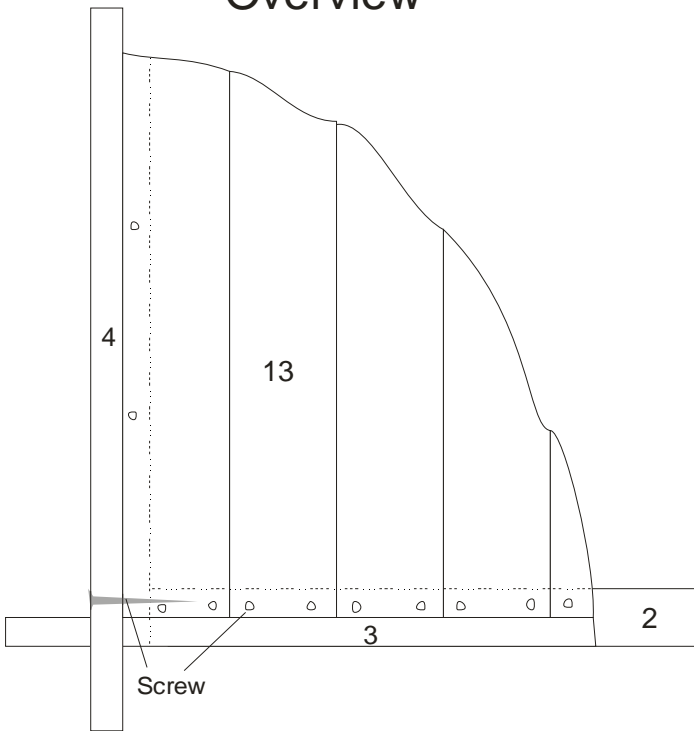
It is very important that the base corners must be at right angles it is completely level.



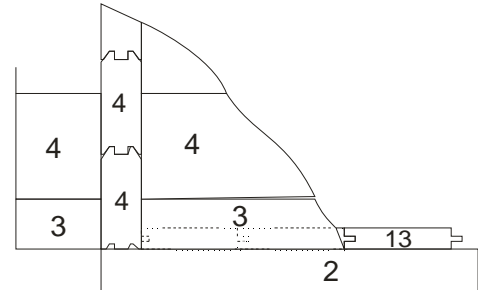
After completing the base the bearers, Pos. 2 are put into position following the Installation Guide diagrams, and then bolted into position.



Overview

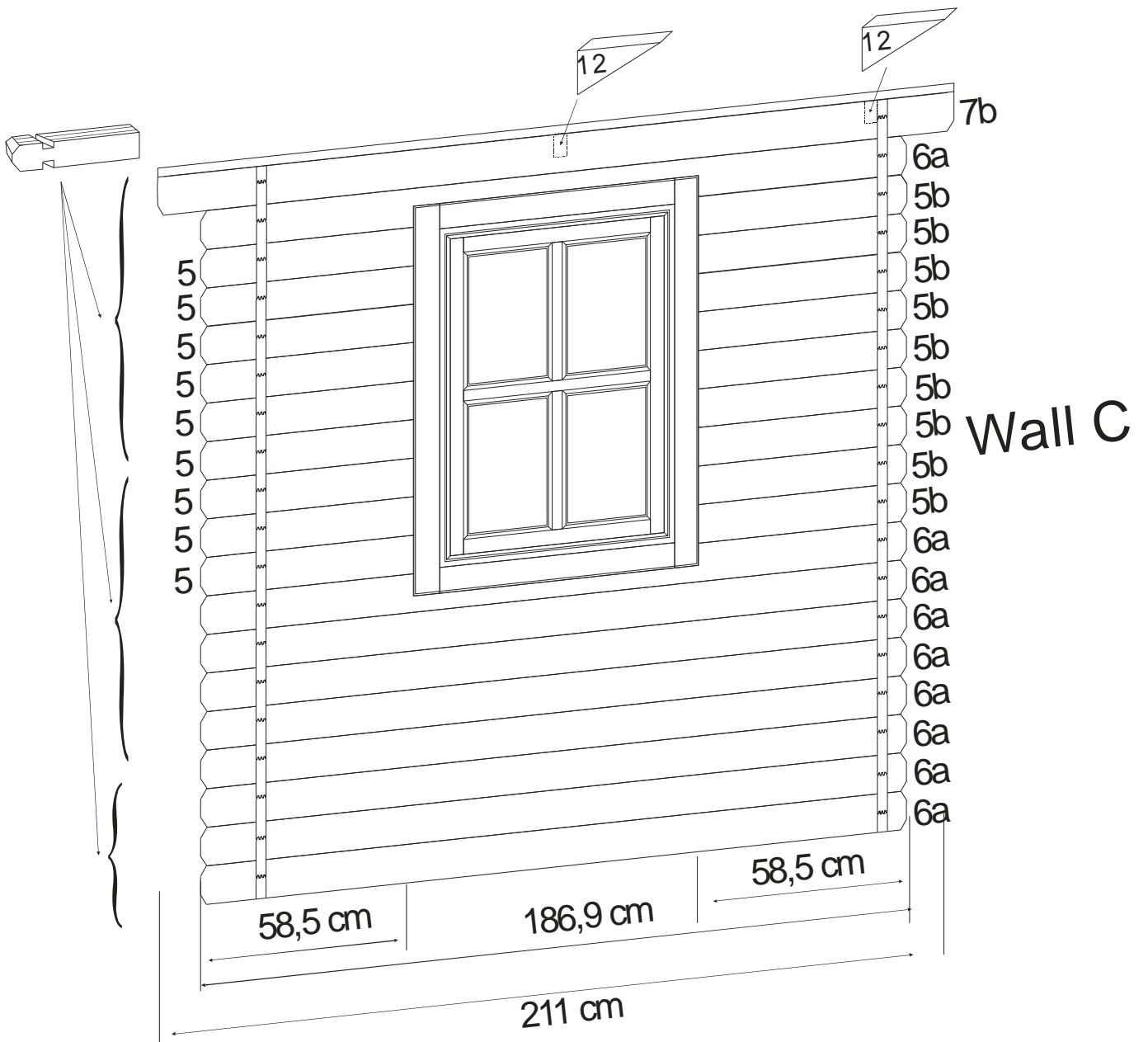


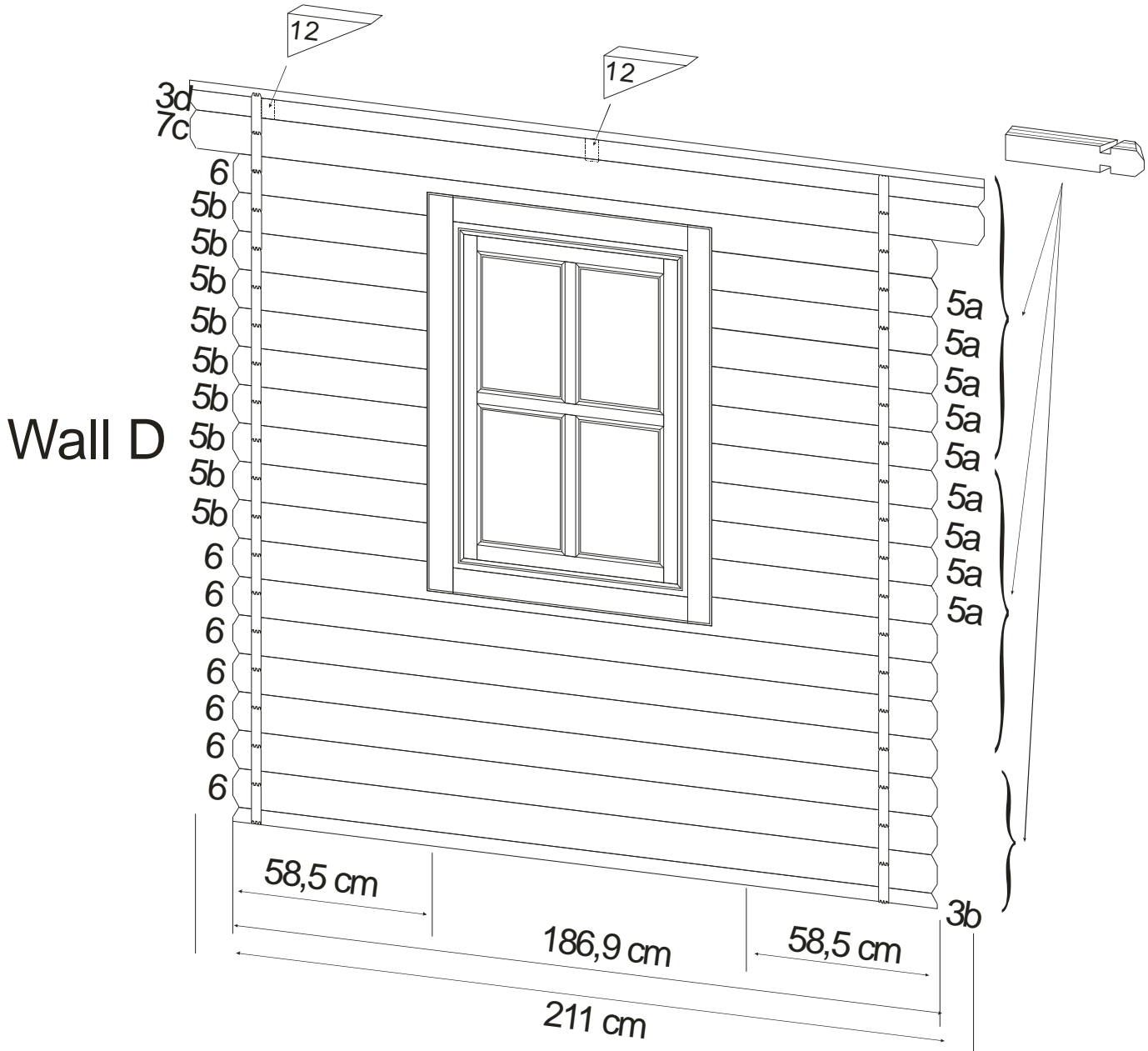
Cutview



- 2, - Foundation
- 13 - Floor
- 3,4 - Wall boards

It is advisable to use a spirit level during the construction of the cabin. Using the Installation guide together with the Parts List for reference you can start erecting the walls.



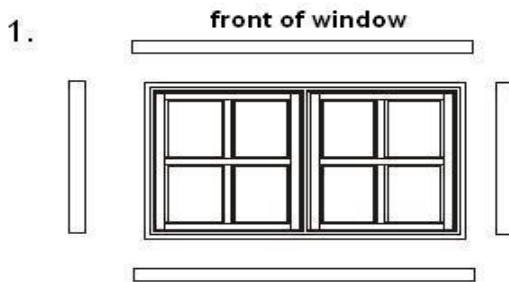
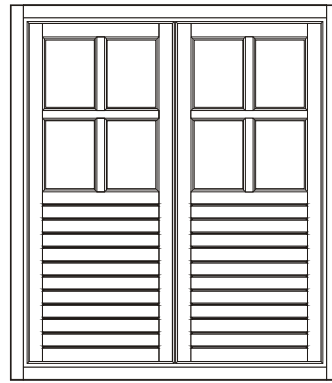
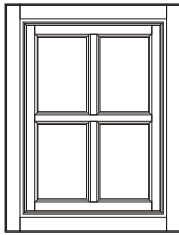


Beginning with part No.3 for the Wall D and Wall A and part No. 7, 6a and 4 for the side walls, and following the installation Guide, fit the board's one on top of the other. Ensuring the corners lock. Again it is advisable to use a spirit level during this process.

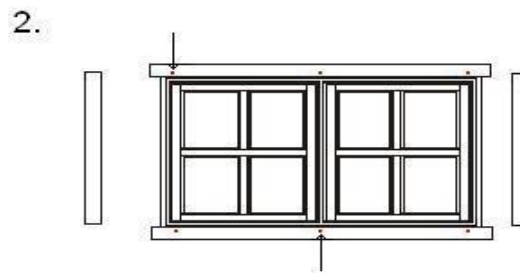
When the external walls reach the height the doors can be installed.

1. Erect the walls and roof first.
2. Put window frame in and level it
3. Screw the frame into the wall on all four sides with the windows open – screw surround batons on inside and outside
4. Same operation for doors – level the frame and screw frame into the walls with door open – screw surround batons on inside and outside

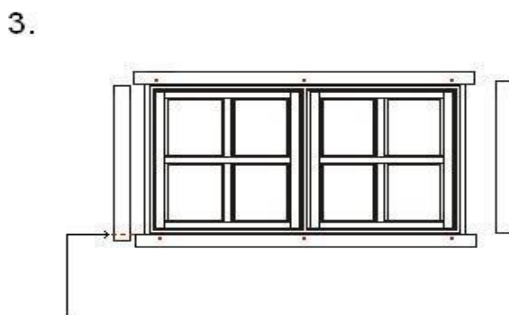
5. Put floor in and shingles on roof – these two are done last



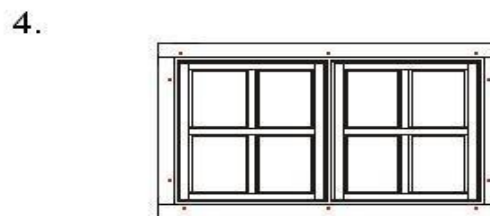
lay window frame on a level surface
lay four pieces of frame around window



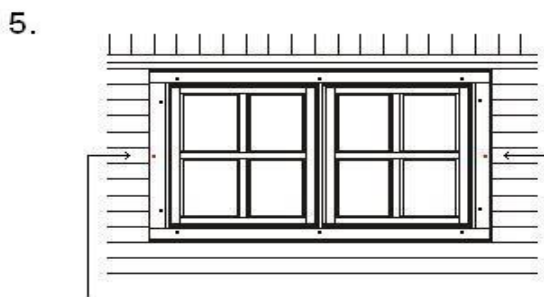
screw top and bottom pieces to window frame as shown



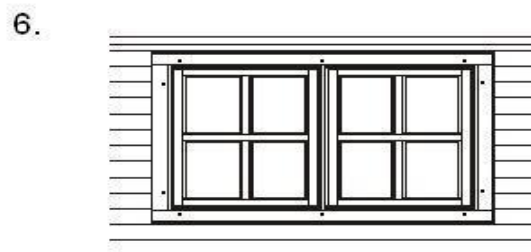
cut side pieces to fit as necessary, then screw to frame as before



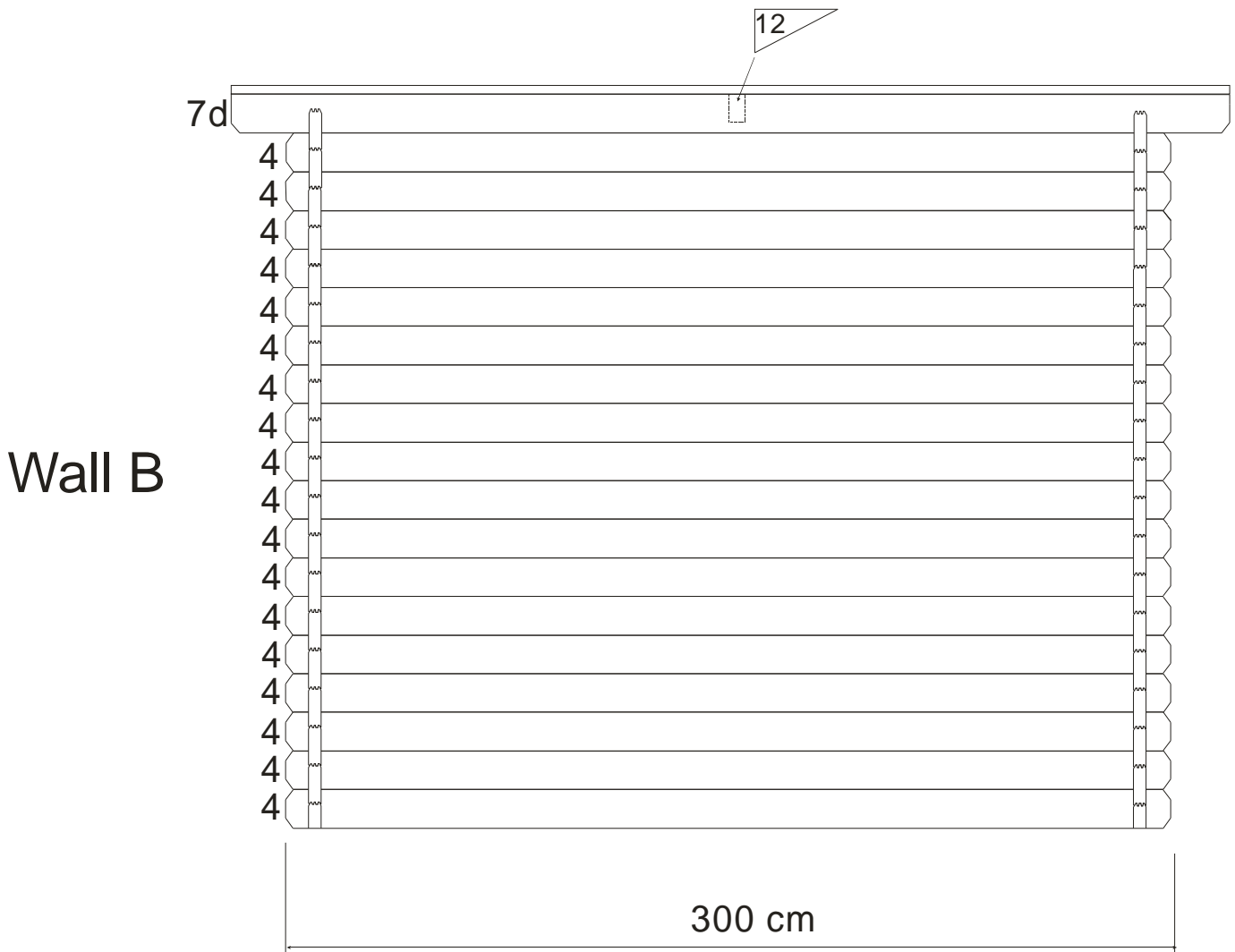
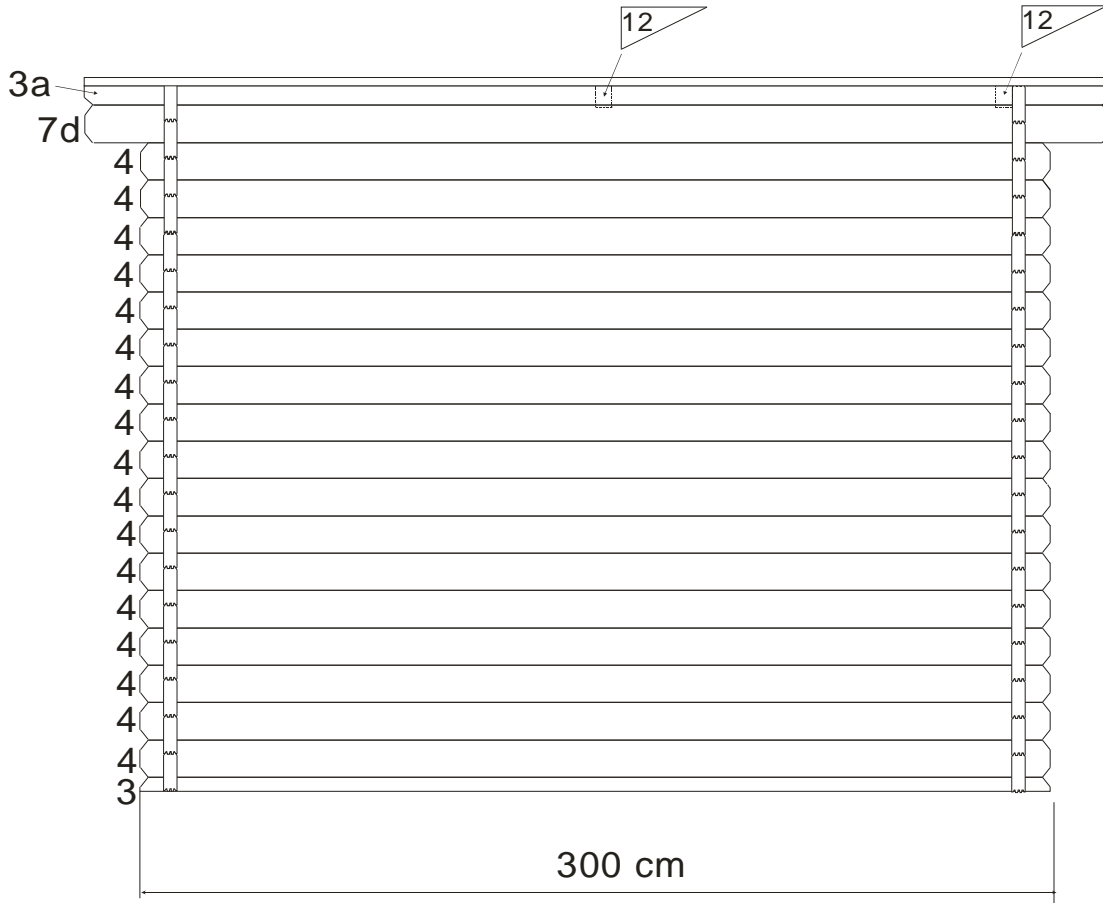
all pieces attached to front of window frame

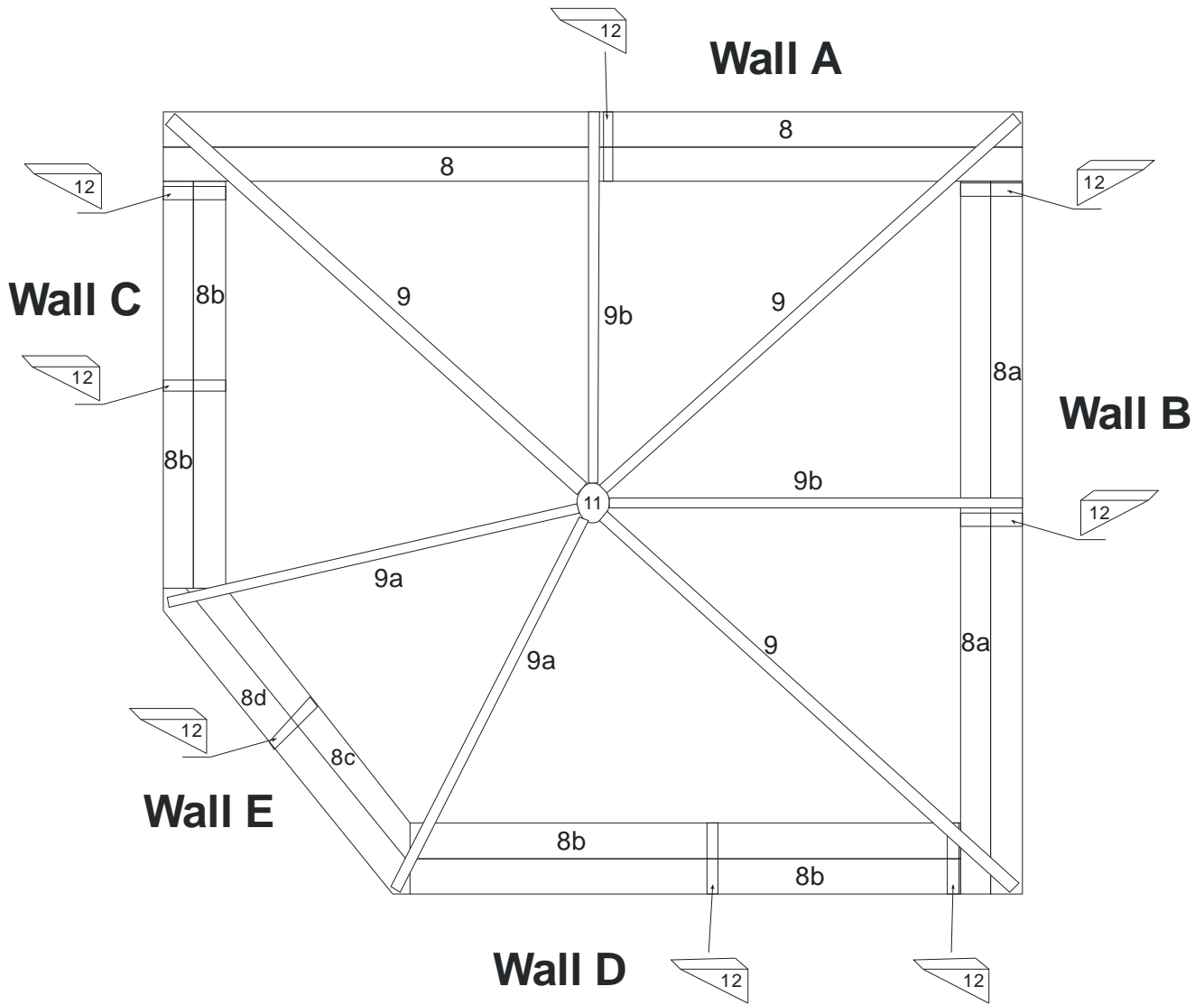


offer up window to cabin and screw in either side to cabin wall to hold in place



go into cabin and repeat attaching the pieces to the window frames to secure windows





When the walls are built in positions the roof joist No. 9 can be put in to place. This process should be done working from the decoration No. 11 to the wall (as it shown in the picture). This is followed by the roof boards which are screwed or nailed into place. This process should be done working from the wall to the decoration (No.11).

As soon as the roof is installed it should be sealed immediately with roofing felt and/or Bitumen tiles – which are supplied as optional extras.

Floorboards are fitted last. These are screwed or nailed onto the bearers. The roofing and flooring is commercial quality tongue and groove. The smooth planed side of the flooring boards should be placed upper- most.

Please note:

Wood is a natural material, which comes with differing textures and colour nuances. These form part of the appeal and natural attraction to this product but also mean aesthetic variations.

Complaints:

If a cause for complaint should arise please follow this procedure:

Inform your retailer and return your control list, describing the problem and making note of any parts nos. that may be damaged. As soon as we receive notification of a complaint we shall do our best to resolve the matter as quickly as possible.























Guarantees are limited to the replacement of incorrect materials.

Screws, nails and any other material for erecting and preserving the building must be extra supplied by the purchase.

We trust you enjoy your Log Cabin.

Log cabin **Norfolk 3x3** (34 mm) List of details

Pos.	Measurment cm b x h x l	Q.	View	Profile	Use to :
2.	4x4,5x284	6		<input type="checkbox"/>	Foundation
	4x4,5x241	1		<input type="checkbox"/>	Foundation
	4x4,5x200	1		<input type="checkbox"/>	Foundation
	4x4,5x159	1		<input type="checkbox"/>	Foundation
	4x4,5x157,5	1		<input type="checkbox"/>	Foundation
	4x4,5x174	1		<input type="checkbox"/>	Foundation
	4x4,5x164,5	1		<input type="checkbox"/>	Foundation
3.	3,4x5,5x300	1		<input type="checkbox"/>	Wall A
3a.	3,4x5,5x320	1		<input type="checkbox"/>	Wall A
3b.	3,4x5,5x186,9	1		<input type="checkbox"/>	Wall D
3c.	3,4x5,5x171,5	1		<input type="checkbox"/>	Wall E
3d.	3,4x5,5x211	1		<input type="checkbox"/>	Wall D
4.	3,4x11x300	35		<input type="checkbox"/>	Wall A, B
5.	3,4x11x58,5	9		<input type="checkbox"/>	Wall C
5a.	3,4x11x58,5	9		<input type="checkbox"/>	Wall D
5b.	3,4x11x55,5	18		<input type="checkbox"/>	Wall C, D
5c.	3,4x11x28	17		<input type="checkbox"/>	Wall E
5d.	3,4x11x28	17		<input type="checkbox"/>	Wall E
6.	3,4x11x186,9	8		<input type="checkbox"/>	Wall D
6a.	3,4x11x186,9	9		<input type="checkbox"/>	Wall C
7.	3,4x11x186,5	1		<input type="checkbox"/>	Wall E
7a.	3,4x11x214	1		<input type="checkbox"/>	Wall E
7b.	3,4x11x211	1		<input type="checkbox"/>	Wall C
7c.	3,4x11x211	1		<input type="checkbox"/>	Wall D
7d.	3,4x11x320	2		<input type="checkbox"/>	Wall A, B
8.	3,3 x 10,5 x320	2		<input type="checkbox"/>	Support board
8a.	3,3 x 10,5 x299	2		<input type="checkbox"/>	Support board
8b.	3,3 x 10,5 x163	4		<input type="checkbox"/>	Support board
8c.	3,3 x 10,5 x180,8	1		<input type="checkbox"/>	Support board
8d.	3,3 x 10,5 x190	1		<input type="checkbox"/>	Support board

Pos.	Measurement cm b x h x l	Q.	View	Profile	Use to :
9.	3,3x10,5x239,5	3			Roof perlin
9a.	3,3x10,5x185,3	2			Roof perlin
9b.	3,3x10,5x181,3	2			Roof perlin
10.	2x8x320 - 8 2x8x290 - 75	15 m ²			Roof board
11.	9x25	1			Decoration
12.	3,3x 10,5 x1,7	8			Decoration
13.		7 m ²			Floor board
14.	3,5 x 2,5 x277,2	2			Floor strip
14a.	3,5 x 2,5 x163	1			Floor strip
14b.	3,5x2,5x163	1			Floor strip
14c.	3,5x2,5x162	1			Floor strip
16.	3,4x187x129,5	1			Door
16a.	1,6x8x182/140,5	4/4			Door strip
17.	3,4x97x70	1			Window (left)
17a.	1,6x8x92/81	4/4			Window strip
18.	3,4x97x70	1			Window (right)
18a.	1,6x8x92/81	4/4			Window strip

IMPORTANT - PLEASE READ BEFORE STARTING TILES ASSEMBLY

Please make sure that the individual tiles are NOT overlapped to cover the darker section. Please refer to the pictures for the correct spacing of tiles. If you assemble the tiles with a larger overlap than recommended you will not have enough tiles to complete your roof. Eurovudas provide the correct quantity of tiles in order to cover your roof according to correct assembly.

The cost of extra tiles and delivery will be paid for by the customer and not Eurovudas ltd.

