

## GENERAL ASSEMBLY INSTRUCTIONS - LOG CABINS

A. The following tools are recommended for the installation of your log cabin: - Electric screwdriver, wooden or rubber mallet, spirit level, hammer, saw, stepladder.

B. Position and connect the pieces of the 'easy assemble' modular floor on the base using the floor plan provided. (image 1) Please remember not to place the floor too close to walls/fences to allow for the roof overhang at the sides, back and front. Consult your construction diagram for the exact overhang on your particular building. It is imperative that the floor is laid on a firm and level base which must support the full floor area of the log cabin and should be measured using a spirit level to ensure accuracy.

C. Place all individual wall components in the correct component order using the components diagram provided. Ensure all components are present and in the correct position. (image 2)

D. Lay down the first layer of logs (two of which should be half cut logs) by interlocking them at the corners of the building. The half logs go down first and the full logs are then positioned along the back and front gable of the building and interlock with the joints of the half logs. These logs are placed on the overhanging framing of the floor (and not on top of the floorboards). (image 3)

E. This is a good time to check that the building is square. You can do this by measuring from the front right hand corner to the same point in the back left hand corner and then compare this to the distance between the opposite front left and the right back corners. If these measurements are equal then it suggests the building is square. Confirm that the floor / logs are level using a spirit level. Screw the bottom layer of logs from the outside into the 19mm floorboard to keep it square if necessary (using the 80mm screws provided). (image 4)

F. Next begin to build up the cabin by interlocking the logs around the building, layer by layer, until approx 6 logs high. The higher you build the logs the more difficult it will be to fit the doors in. (image 5)

G. If you have purchased a cabin with double doors then you will have to build up the door frame using the four door components provided. The easiest way to do this is to lay the two door sections side by side face down, slot the door sill into place and then slot the door head into position. Screw the four sections together through the joints with the 60mm screws provided. Then, take the door(s) along with the frame and simply slide over the logs until it is fully inserted. Fix the door handle to enable you to open the door. (image 5)

H. Continue adding more layers of wall logs until you reach window height before slotting the windows into position. Please note; if your base is not firm and level then this can cause the doors and windows to twist or to go out of square. (Some door and window fascias may need to be trimmed to fit).

I. Continue to build up your log cabin up to the eaves height.

J. The gable tops on most of our models come fixed as one piece; this piece is then to be placed on top of the final side boards, one at the front and one at the back. If the gable sits proud of the sides or the sides sit proud of the gable then the logs that are on the high side need to be knocked down further into place, preferably with a rubber mallet. (image 6)

K. The supplied roof purlings come with notches at each end and then the 23mm 45° corner cuts. Position the roof purlings ensuring that they are the correct way round (i.e. with the overhang at the front and with these 23mm 45° cuts facing downwards). The purlings should then be fixed into the gable tops using the 65mm nails provided, nailing downwards through the gable top and into the purling. (image 7 and image 9)

L. Before putting on the roof boards make sure that the log cabin is vertically straight to 90 degrees on all sides and horizontally level because once the roof boards are in position the cabin will become much more rigid and therefore be difficult to move / re-position. If the building is square, start to put on the individual tongue & groove roof boards starting at the front and working towards the back by nailing through into the roof purling and logs below. You may have to cut the last roof board down if it overhangs at the back. (image 8)

M. Once the roof boards are all in place and securely nailed down, fix the roof baton onto the underside of the roof boards and finish this with a piece of skirting which is nailed into the roof baton. (Note: The roof batons and skirting may come in more than one section). (image 9)

