



Doll's house for children

Make a great home.

Doll's house

If you want to bring a doll's house to life, you need imagination. If you want to build one, all you need is good tools and this instruction guide.



1 Introduction

When you know how, you can build a pretty little home like this one in record-breaking time. Even beginners can finish the doll's house within half a day. The cost is between £40 and £80.

The following construction guide is designed for 15 mm thick birch multiplex panels. Have the required panels cut to size at a DIY store or by your carpenter. If you use other materials or material with a different thickness, adapt the parts list accordingly.

The doll's house is completely screwed together, whereas the roof is glued. The mitre cuts you have to make to fit the roof on properly will pose a slight challenge. But with the right tool you'll manage it with ease.

You will find the detailed material list and the construction drawing under the link entitled "Downloads for the project".

Required power tools:

- > Multifunction tool
- > Hand-held circular saw
- > Jigsaw
- > Multi-sander
- > Cordless drill/driver
- > Cordless screwdriver
- > Fine spray system

Other accessories:

- > 50-mm drill bit
- > Sanding paper, grit of 120–240
- > Pencil, metre stick, sharpener, rubber
- > Work surface (2 pieces of square timber, dimensions of approx. 500 x 58 x 38 mm)
- > Sheeting or old newspapers for the surface
- > Trestles (if available)



> For your own protection: Face mask, protective glasses, gloves, ear protectors

Detailed material list:

pcs	Designation	Length	Width	Thickness	Material
1	Façade	633 mm	473 mm	15 mm	Birch multiplex
2	Base plates	603 mm	345 mm	15 mm	Birch multiplex
1	Top base plate	455 mm	345 mm	15 mm	Birch multiplex
2	Outer walls	336 mm	350 mm	15 mm	Birch multiplex
2	Inner wall	190 mm	310 mm	15 mm	Birch multiplex
2	Roof	531 mm	410 mm	15 mm	Birch multiplex
	Flat head screws, 3 x 25 mm				
	approx. 1 l white paint for walls and floors				Emulsion paint
	approx. 0.5 l red paint for the roof				Emulsion paint

2 Sawing out the windows and doors

First decide how many windows you want to have in the façade. Precisely mark the openings for the windows using a set square and pencil.

Use the multifunction tool to cut out the windows. To avoid accidentally cutting into the worktop, place strips under the panel and clamp it onto your worktop using G-clamps.

Don't forget to put the protective glasses and the ear protectors on when you saw.

After sawing out the windows, mark the door opening in one of the two outer walls and saw it out in the same way.

3 Drilling the portholes

Now drill the portholes in the side walls. To do so, you just have to precisely mark the centre of the circle for each one beforehand. Securely clamp the side section together with a scrap panel. You can use a normal drill to drill the holes – but the most suitable tool is a bench drill. Place the drill bit in the centre of the circle and drill the holes out cleanly.

4 Sawing the mitres and roof slopes



Next you saw several mitres at a 45-degree angle: on both roof panels where they later meet in the gable, on the top edges of the side sections and on both sides of the top base plate where the roof will rest on the house.

To saw the mitres, fix the panel using G-clamps. Set a 45-degree angle on the hand-held circular saw and mount the guide rail. Now you can easily saw a clean mitre along the edge.

Now you saw the two roof slopes on the façade. Mark the cuts as specified in the construction drawing. Fix the panel using G-clamps and set the hand-held circular saw to 0 degrees. Use the guide rail to make a nice, straight cut.

5 Gluing the roof

After cutting mitres on the two roof panels, you will now glue them together along the cut. To do so, place the panels flush against each other on the inside, so that the mitre cuts touch. Now connect the panels using adhesive tape – this creates a kind of hinge.

Now turn the panels round, apply plenty of glue to the cut surfaces and fold the roof panels together to form a gabled roof. Simply use a cloth to wipe off any excess glue that oozes out. Tension two more strips of adhesive tape between the ends of the roof to apply pressure to the glue.

Tip: Use a bracket or a right-angled scrap panel to check whether the roof panels are at an exact right angle to each other. You may need to adjust them. The glue now has to dry for about 20 minutes. Please also observe the manufacturer's specifications on this.

6 Screwing together the doll's house

The individual parts are now finished. Now assemble the doll's house. First you screw the side walls to the base plate. Simply divide the material thickness (which is 15 mm) by two to find out where you have to put the screws. Now draw a line on the outer walls 7.5 mm from the bottom edge and mark the positions of the screws on it. Now pre-drill the holes in the side walls and countersink them. Now you can mount the side walls on the base plate using the cordless screwdriver.

Next you screw the bottom inner wall to the base plate. Then mount the façade to the parts you have already screwed together. Then screw the top inner wall to the base plate for the first floor, insert it into the house and fix it in the same way.

Before you mount the top base plate with the mitres, pre-drill twice on each side at a right angle through the mitres. At the end, the roof will be screwed to the doll's house from inside through these drilled holes.

7 Painting the visible surface

Before painting, you should detach the roof again to paint it separately. Pour the paint into the paint tank of the fine spray system and dilute it if necessary with water. Using a test board, adjust the spray jet at the nozzle and the paint flow at the setting wheel. The spray jet can be set to horizontal or vertical for surfaces and tapered for edges.



8 Done

The self-made doll's house will give your children new room in which to let their imagination run wild. Have fun furnishing it and playing with it!

Bosch does not accept any responsibility for the instructions stored here. Bosch would also like to point out that you follow these instructions at your own risk. For your own safety, please take all the necessary precautions.