

## Platelayers Cabin Assembly Instructions

This kit is a freelance model of a Platelayer's lineside hut or cabin. It is a combination of several examples found on various railways around the country,



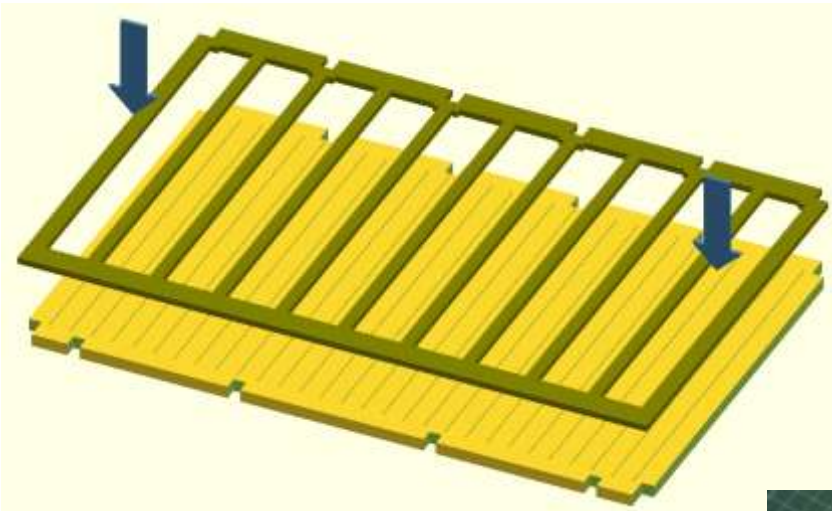
Most of this kit is laser cut Birch plywood . This is moderately water resistant but with a reasonably amount of painting or varnishing should prove rain resistant if not left outside all winter. We do however recommend using water proof PVA wood working glue (e.g. Evostick in the blue bottles) to glue the plywood parts together.

The window parts are laser cut polypropylene. These are totally weather proof but can be more difficult to glue. We recommend gluing with a contact adhesive like Evostik or UHU.

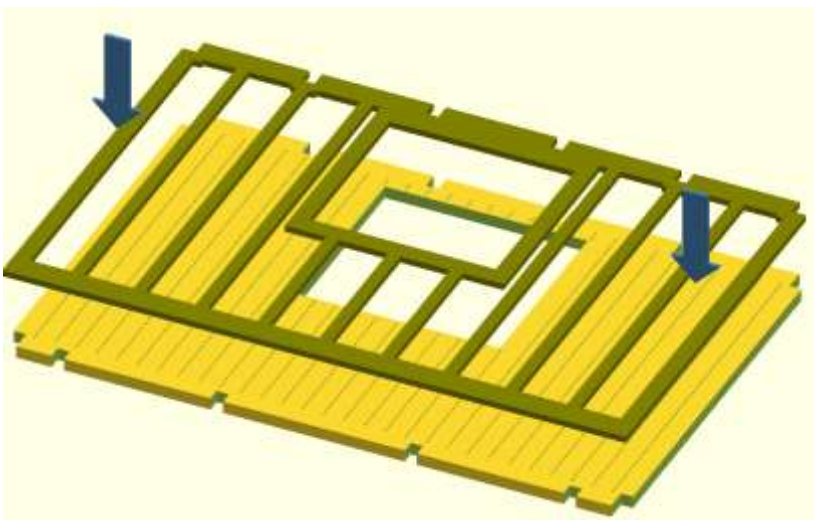
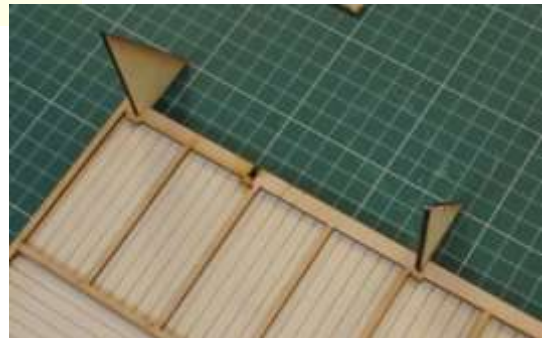
The roof overlays are vacuum formed HIPS. This is easily stuck with various glues and we suggest that epoxy resin (e.g. araldite) is used to stick them to the plywood roof panels.

1) Glue the back overlay (1.5 mm ply) onto the back wall (3 mm ply). The top and bottom edges should be flush and the side edges should overlay the locating lugs on the wall sides. Make sure the

rafter slots align at the top of the wall. Clean off any glue that oozes onto the front face or onto the side edges. Place something flat and heavy on top of the assembly and wait for the glue to set



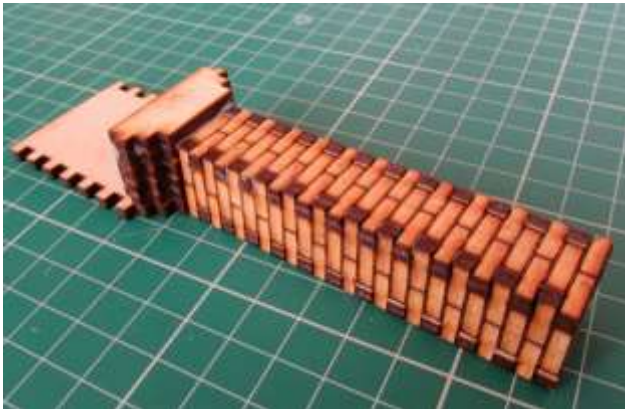
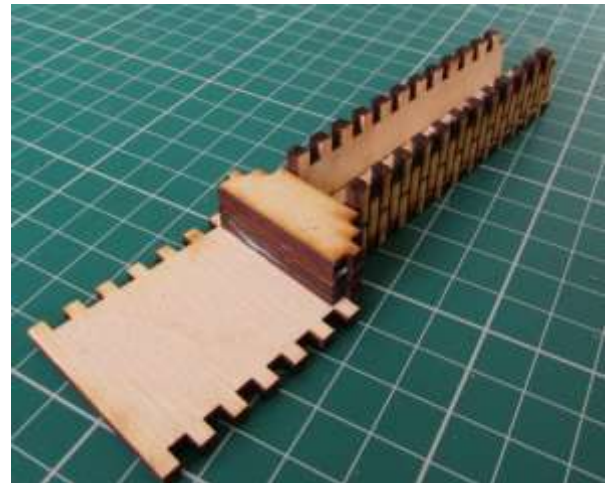
TIP: Temporarily push a couple of scraps of 3 mm ply into the slots to help align the parts.



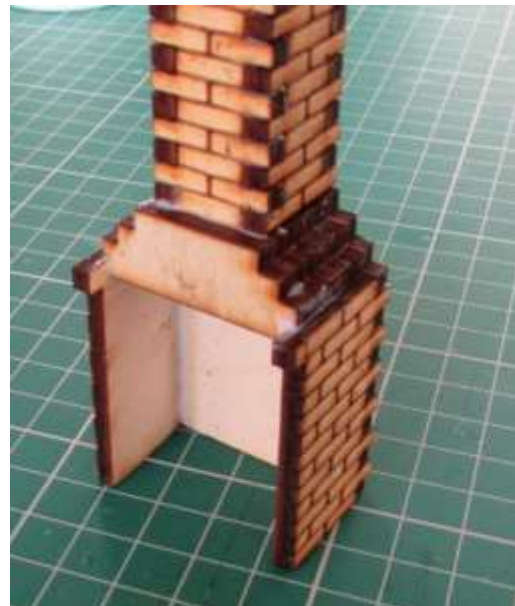
2) Glue the front overlay (1.5 mm ply) onto the front wall (3 mm ply). The edges should be flush like the back wall. Again clean off any excess glue (particularly in the window frame recesses) and set aside to dry.

3) Glue the two chimney stack sides to the chimney/fireplace back. You may find the “teeth” a tight fit in which case lightly file the teeth sides. You do not want to have to force the teeth together as you glue them.

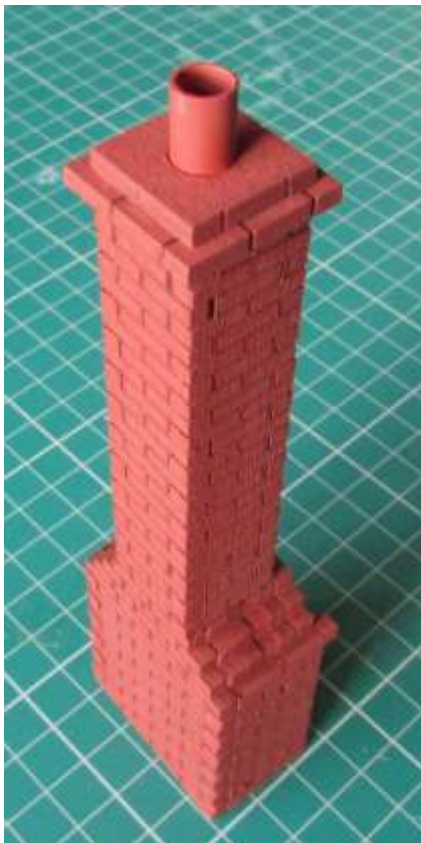
Now glue **three** of the fire place “tops” in position so that the staggered “bricks” line up.



4) Glue the chimney stack front and the remaining fireplace top in place.



5) glue the two fireplace sides in place. Note how the locating lugs are at the top.

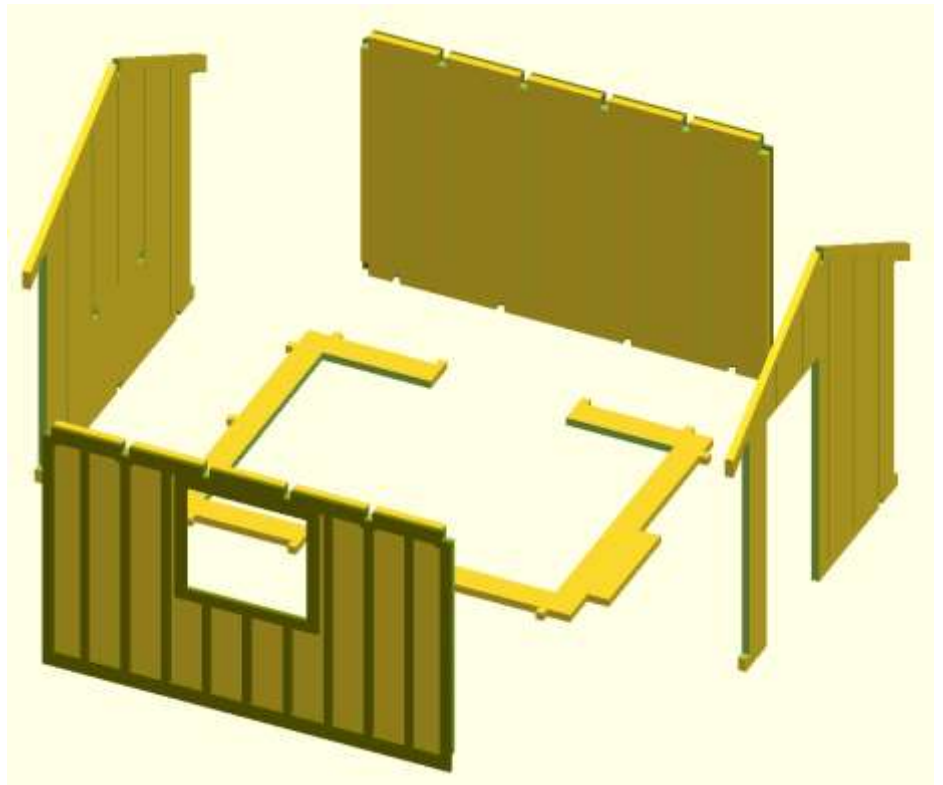


6) Glue the three pieces of the chimney cap together with the small piece of styrene tube for the pot. Note how the largest middle piece has bricks engraved on its top face. Then glue on the top of the stack



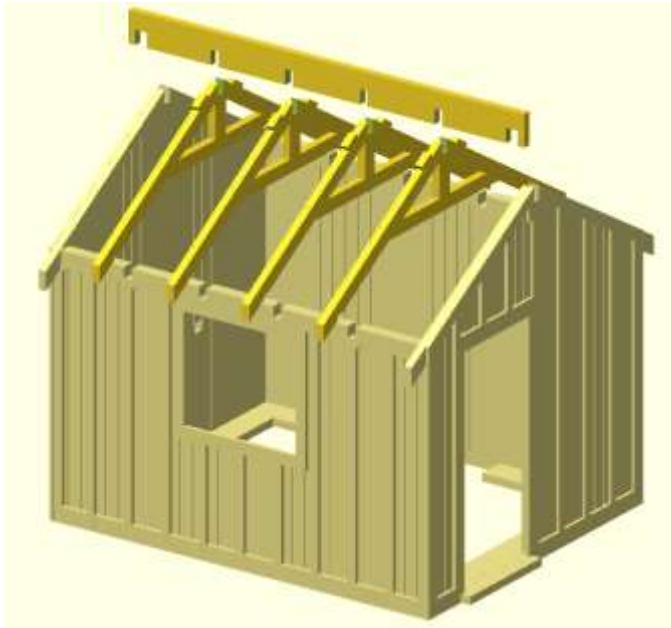
7) Now is a good time to paint the chimney. A quick way is to spray it with red oxide car paint primer from a “rattle can”.

8) Glue the four walls together on a flat surface. The two “U” shape end brackets help to keep the structure square while the glue sets .Note one bracket includes the door step so ensure it is aligned as shown. Use a couple of very large rubber bands , modellers clamps or picture frame clamps to keep all the joints “tight” while the glue sets.



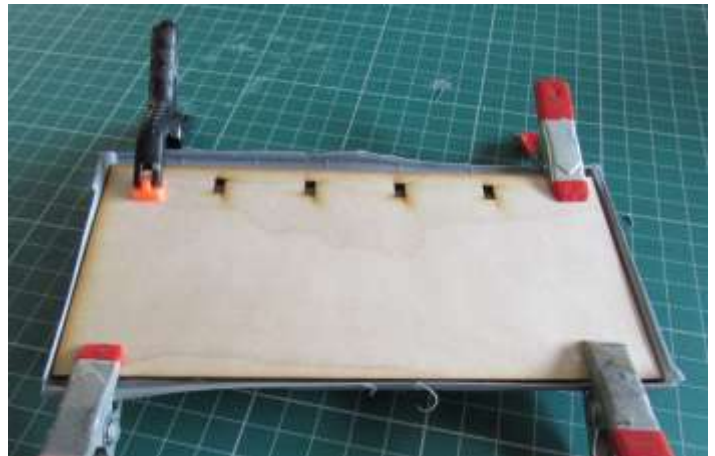
9) Check the front and back overlay sides are flush with the end walls. If they are slightly “proud” at any point, file them flush with a file. Now glue the end overlays on to the end walls and clean off any excess glue.



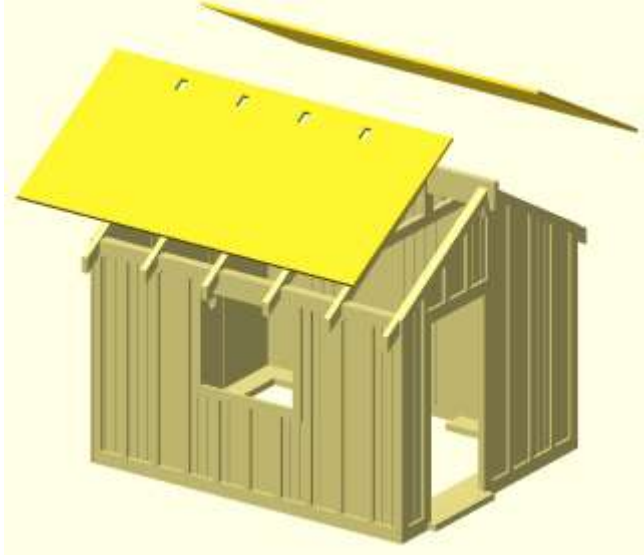


10) Glue the 4 rafters into their sockets in the wall tops. (These sockets may need cleaning out with a file first if the overlays aren't aligned perfectly). Then glue the roof ridge beam in place. Allow glue to dry.

11) Cut the vacuum formed roof overlays approximately to size with a pair of scissors and then glue the overlays to the 1.5mm ply wood roof panels. We suggest epoxy resin for this. Clamp flat and allow to set. Note the four locating holes are at the top of the ridge so make sure the tiles overlap the correct way.

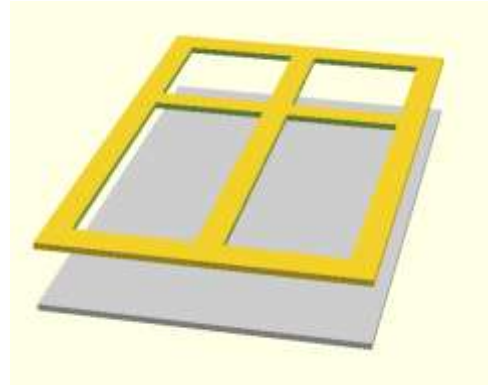


12) Once set, trim off the excess overlay from behind using a ruler and sharp knife.



13) Glue front and back roof pieces in place.

14) Now cut out and trim the roof ridge tiles a stick on top of the ridge.



15) Glue the 1 window frame to the glazing pane. We use a very thin bead of contact adhesive for this.

16) glue the window and door in place.

17) Glue the completed chimney assembly in place on the end wall. See photo on page 1



*Once glue is set; paint or varnish you model as you see fit.*

**JOB DONE**