

Colne Valley Station



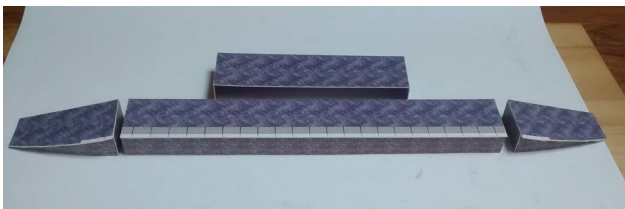
Colne Valley Station is an n gauge kit of a fictional station in the Southern Region. It is "inspired by" the Swanage Railway. The stone texture for the walls is taken from a photograph of a building in the village of Corfe Castle, and the station canopy is specifically modelled on the one at Corfe Castle station. In terms of size and placement, the platform is designed to fit snugly inside a section of Peco Settrack consisting of one full straight bounded by two medium radius curves. It wouldn't be hard to modify the kit to fit other requirements.

The kit is designed in a way that means you can choose how easy or hard the build process is. With the windows, for example, you can leave them as is and just build the kit with printed windows. Or you can cut them out and recess them to give a slightly 3D look. Or you can cut out the window areas and glaze them with clear film. Or, if you really want a challenge, you can cut out the window panes and glaze them. Then you can cut out the entire window frames and recess them. Your choice!

But overall, this is not a starter kit in terms of challenge. There are three parts to it; the platform, the station building, and the canopy.

Assembly Instructions

A) The Platform (sheet 1)



1. Glue all parts to 0.5mm card (cereal boxes are good); I use Pritt Stick for this.
2. Let the Pritt Stick DRY for a few minutes before

cutting out any parts so that the knife doesn't tear the paper.

3. Assemble the main platform:

- Cut out the main platform and the main platform rear. Glue the rear flush to the main platform (I use Uhu for this).
- Cut out the Main Platform sides and glue flush with the main platform and the rear.
- Cut out the Main Platform front and glue against the sides.

4. Assemble the side ramps:

- Cut out the lefthand and righthand ramps, together with their sides and rears.
- Using the same method as for the main platform, glue the rear and then the sides to each ramp.
- Glue the ramps carefully up against the sides of the main platform.
- Now cut out the ramp fronts, give them a slight curve and glue them in place so that they line up with the main platform front.

5. Assemble the station base:

- Using the same method as for the main platform, glue the rear and then the sides to the base.
- Glue the station base to the rear of the main platform. There are no guidelines for this; you can place it centrally or to one side.

B) The Station Building (sheet 2)



6. Most of the sheet should be glued to 0.5mm card. The roof and barge boards should be glued to thin card (160gm/cm² will do nicely). The ridge tiles and chimney stack edging shouldn't be glued to anything.

7. Assemble the station front (the side facing the track):
- Simple method, just cut out the station front outside and inside and glue back to back. Note that the inside is slightly narrower than the outside; make sure that there is a 0.5mm step at each side of the wall.
 - More advanced method, carefully cut out the windows in the outer wall in one piece. Cover the windows with a small strip of sellotape to make them shiny. Cut out the windows in the inner wall. Carefully glue the windows from the outer wall in place in the inner wall, but so that they show to the outside. Now glue the inner and outer walls together as above, but now the windows will appear shiny and inset.
 - Tricky method, leave the window frames in place in the outer wall and just cut out the window panes. Yes, it takes ages! Cut out the window in its entirety in the inner walls. Now stick transparent film behind the window apertures in the outer wall. When that has set, stick the inner and outer walls together as before.

8. Now repeat the process with the rear (street-facing) wall and the two side walls.

9. Glue the four walls together:

- each wall should be slightly stepped. The end walls are intended to sit between the front and rear walls like this:



10. Cut out the floor and test fit to the walls. It should fit *inside* the four walls (and obviously flush with the ground). Trim if necessary to make it fit snugly, then glue in place.
11. Now cut out the waiting room wall and reverse side and glue them back to back.
12. Cut out the five chimney stacks and glue them together so that they line up with the guide lines on the wall. The two short chimney

stacks go over the wall front and back. The stack with the fire on should go at the very front, facing the main area of the waiting room. The stack at the very rear should face the rear so that both sides of the chimney stack show a stone texture. Finally, cut out the chimney side textures and glue them to the upper part of the chimney stack.

13. Cut out the roof. Score it along the centre line, and cut out the space for the chimney stack. Fold along the scored line. Use this to test fit over the chimney stack.
14. Glue the waiting room wall in place against the station right wall, aligning it with the vertical guide line.
15. Cut out the waiting room side wall and its reverse side and glue them together. Then glue in place so that it sits against the front and rear walls and so that the main waiting room wall lines up (and is glued to) the guide line on the side wall.
16. In the same way, cut out and glue together the:
- booking office partition,
 - ticket office wall, and
 - entrance hall wall
- and glue each one in position.
17. If you are going to light the inside of the building, now is the time to fit them.
18. Make a final check of the roof and glue it in position.
19. Cut out the chimney cappings. Glue them together (small-large-small) and glue to the top of the chimney stack.
20. At this stage, it is a good idea to touch in all the areas where bare card is showing. One approach is to use a soft pencil. Another is to use a felt tip – e.g. red for the edges of the roof, and black for the edges of the building. I like to use acrylic paints and mix to get the shade I want.
21. Cut out the barge boards and glue in place at each end of the roof.

22. Glue the station building in place on the platform.

C) The Station Canopy (sheet 3)



23. Stick the various sections to 0.5mm thick card, thin card, or leave on paper as noted on the sheet.
24. Cut out the corrugated roof, score carefully (the card is thin) along the centre line, and fold into a gentle V-shape.
25. The underside of the canopy will be visible, so cut out the roof underside and glue underneath the roof. I use UHU glue for this (rather than Pritt Stick) as it allows me to slide the paper into place if I haven't quite placed it correctly first time.
26. Cut out the canopy end frames, together with the canopy end frame inside covers. Stick the end frame inside covers onto the reverse side of the end frames.
27. Now glue the end frames in place at the ends of the roof. There are no markings to line up on; you want a small overlap of about 1mm so the end frames are just slightly recessed. Make sure that the end frames are the right way round – the outside has the extra green triangle on it. It's not the end of the world if you get it wrong, but those sorts of mistakes can annoy intensely, even though no one else notices!
28. Next, cut out the eight canopy support frames (fronts and backs). They look better if you cut out the white triangles in the top sections. Then glue the frames together into four pairs so that the printed sides are facing outwards. Note, these frames are 1mm wide! If it drives you nuts, you could try making them out of 1mm rod, using the prints as a pattern, and painted an approximate shade of Southern Green.

29. When you're ready, glue the four canopy support pairs in place under the canopy so that they are evenly spaced.
30. Cut out the canopy ridge cover, trim to size, and glue in place over the canopy ridge.
31. Cut out the canopy edging and the canopy edging reverse sides. Stick the reverse sides to the canopy edging. If you look very carefully, there is a top and a bottom to these, but it's difficult to see, so it probably doesn't matter too much.
32. The canopy edging is purposely printed to be too long. Starting with the two sides, cut them to length so that they fit exactly under the canopy end frames with one side lining up with the edge of the canopy that will go against the station building, and with the front edge lining up underneath the front of the canopy and level with the edges of the support frames. Glue them in place.
33. Now cut the long front section of canopy edging so that it fits comfortably just underneath the canopy and against the canopy frames. It should line up with the two side sections of canopy edging.
34. Test fit the canopy structure on the platform against the station building, and when you're happy with the position, glue it in place.

And hopefully, that should be it! Of course you may well want to add fencing to the rear of the platform, maybe a couple of bench seats, and some other bits and pieces. There's some odds and ends provided on sheet 4 to help with making "Colne Valley" running in boards for the platform, and some early BR totem signs for any lamp posts you might care to add, for example. There's also a glazing sheet in case you are able to print onto clear film and want to try the - rather insipid, in my opinion - glazed window frames.

Good luck!

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