

# PO238 STONE BUILT WAYSIDE STATION KIT

## READ THROUGH ALL THE INSTRUCTIONS BEFORE YOU START.

To construct this kit you will need the following:

1. A Modellers knife.
2. A pair of sharp pointed scissors.
3. A steel ruler.
4. Glue - UHU Clear Adhesive is our favourite.
5. A cutting surface - a sheet of card or a cutting mat.
6. Fine point tweezers to hold the smaller components.
7. Water colour paints and a very fine brush, for painting the edges and corners (optional).

## GETTING STARTED

### 1 EXTRACTING COMPONENTS FROM SHEETS.

To stop the components from falling off the sheets, they are held secure with scorelines. These are cuts that only go about 75% of the way through the card.

To release them simply run the point of your knife along the scorelines and they will come seamlessly away.

These scorelines are indicated with blue arrows:

**WARNING,** Cut with care using a knife that is not too sharp, this will reduce the risk of the blade running out of the score and cutting the kit components.

#### LASER CUT SHEET.

The awnings and brackets have been laser cut for finer detail and are contained on a separate cream coloured sheet. THESE ARE BEST LEFT ALONE ON THIS SHEET UNTIL YOU HAVE BUILT THE MAIN BODY OF THE KIT.

The diagram (Fig. 15.) show the lines that you will need to cut to release the components from the sheet.

### 2 MAKE YOUR 'BUILDERS YARD'.

This is an area kept away from your working surface, where you store ALL components extracted from the base sheets until needed.

Use a piece of thick card or a tray to make your builders yard.



Your WORKING area should have a clean flat surface, and should only contain the kit parts you are actually working on.

EVERYTHING ELSE SHOULD BE KEPT NEATLY ARRANGED IN THE BUILDERS YARD, UNTIL NEEDED.

PLEASE NOTE: Don't throw anything away. Keep all offcuts and waste card in a box until the kit is finished, just in case you can't find anything. The chances are that it will be there.

# INSTRUCTION SHEET 1

## CHECK LIST

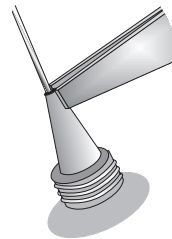
This kit pack should contain the following:

- 1 x SHEET A1 - Components for Building 'A'.
- 1 x SHEET A2 - Components for Ramp/Steps and Walls.
- 1 x SHEET B - Components for Building 'B'.
- 1 x SHEET C - Components for Building 'C'.
- 1 x SHEET D - Roofing components.
- 1 x PLAIN GREY CARD - Interior strengthening parts.
- 1 x LASER-CUT CARD - Canopy edging and brackets.
- 1 x GLAZING SHEET.
- 2 x INSTRUCTION SHEETS.
- 1 x Ridge Tile Sheet.
- 1 x EXTRA BITS SHEET.

## UHU GLUE TUBES

Although the 20ml. tubes of UHU have narrow nozzles, they are still a bit too big

To make the nozzle smaller, put a piece of wire from a medium size paper clip or a large pin inside.



Then with a pair of pliers nip one side of the nozzle tightly, so that it squeezes the soft metal around the pin.

Keep the pin in the nozzle when not in use to stop it from blocking up.

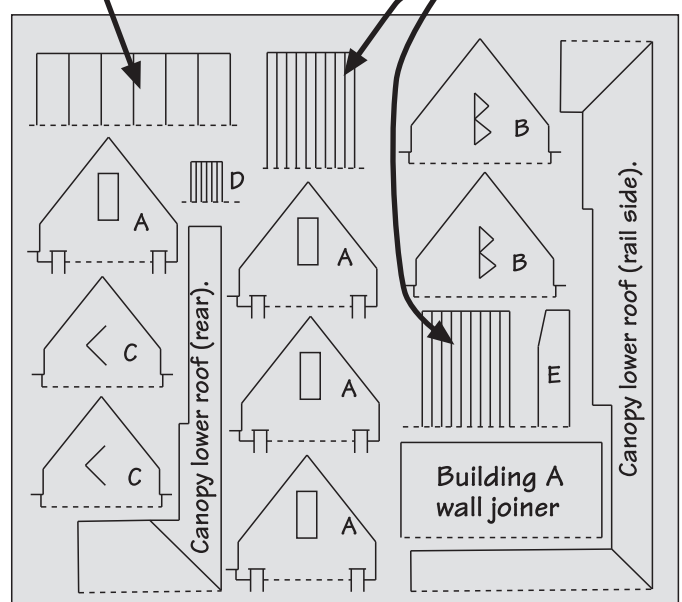
If using the glue frequently, it is not necessary to keep replacing the pin in the nozzle. Simply place the tube upright in an empty cup when not in use.

## PLAIN GREY CARD COMPONENTS.

These thick card pieces are used within the kit to strengthen and thicken parts of the kit. The dotted lines indicate where you need to cut to release from base sheet.

Large chimney stack inner formers x 6

Roof support inner beam strengtheners x 18



A, B & C = Upper gable wall thickeners for buildings A, B & C.  
D = Inner strengtheners for building A canopy supports.  
E = Inner strengthener for platform ramp.

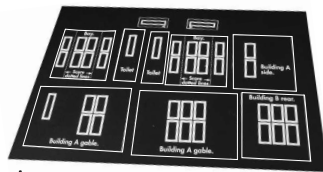
## Fig. 1. START WITH THE WINDOWS.

This is the fiddly bit!  
Start by cutting out all the clear plastic window sections.

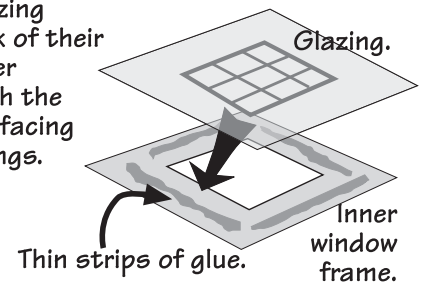
Cut along the thin white lines that mark them out.  
Place on a dark piece of card so you can see them.

**NOTE:** Only do the flat windows.  
Bay windows are dealt with in Fig.2.

**ALSO NOTE;** There are two tiny windows marked with an 'A'. These fit directly onto the wall openings at the top of building 'A' gable walls. **FIT THEM NOW.**



Fix each of the glazing sheets to the back of their corresponding inner window frames with the matt printed side facing through the openings.

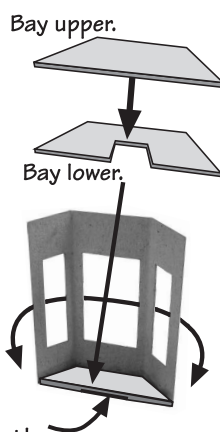


Place the windows back in your builders yard until needed.

## Fig. 2. BAY WINDOWS.

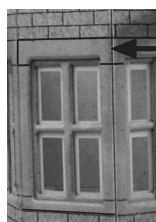
This is also a fiddly bit, so best to get it over with now.

Start with the lower inner former marked 'Bay lower'.  
Fix one of the 'Bay upper' formers directly on top so that all edges are flush.



Then fold the sides of the bay window around the former and fix.  
Hold firmly whilst standing it on a flat surface until fully fast.

The slot in the inner former should be underneath



**NOTE:**  
The correct way up is with the large lintel at the top.

Fit the other upper former on top of the inner window with its edges holding the outer walls to correct shape.

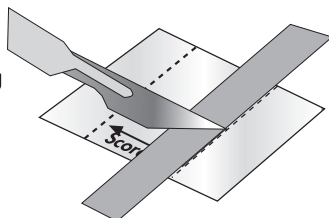
Fold bay inner window to same shape then fix inside the bay.



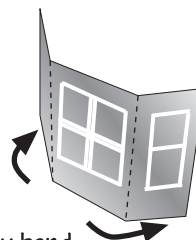
When fixing only use tiny spots of glue placed along the top and bottom edges.

### GLAZING.

Score the glazing along the dotted lines very lightly with the point of a sharp knife.



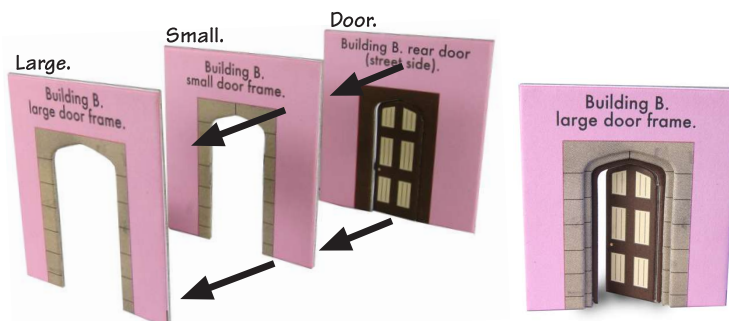
Carefully bend the scorelines to form the same shape as the bay window frame.  
Fit inside bay with tiny spots of glue.



Place completed bay windows in builders yard until needed.

## Fig. 3. DOORWAYS.

The pink, blue, green, and yellow doorways are all made the same way with two outer door frames fitted onto the door.

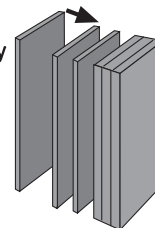


Glue each to the back of the other so all outer edges are flush.  
The toilet door has only one frame.  
Place all the completed door units in builders yard until needed.

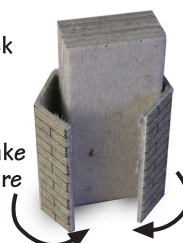
## Fig. 4. LARGE CHIMNEY STACK.

This is another little job to get out of the way before you get stuck into making the main buildings.

Glue the six plain grey chimney stack inner formers together to form a solid block.



Wrap the large chimney stack around the block tightly so the ends meet.  
Stand on a flat surface and make sure all edges are pressed down flat against it.



Like so!

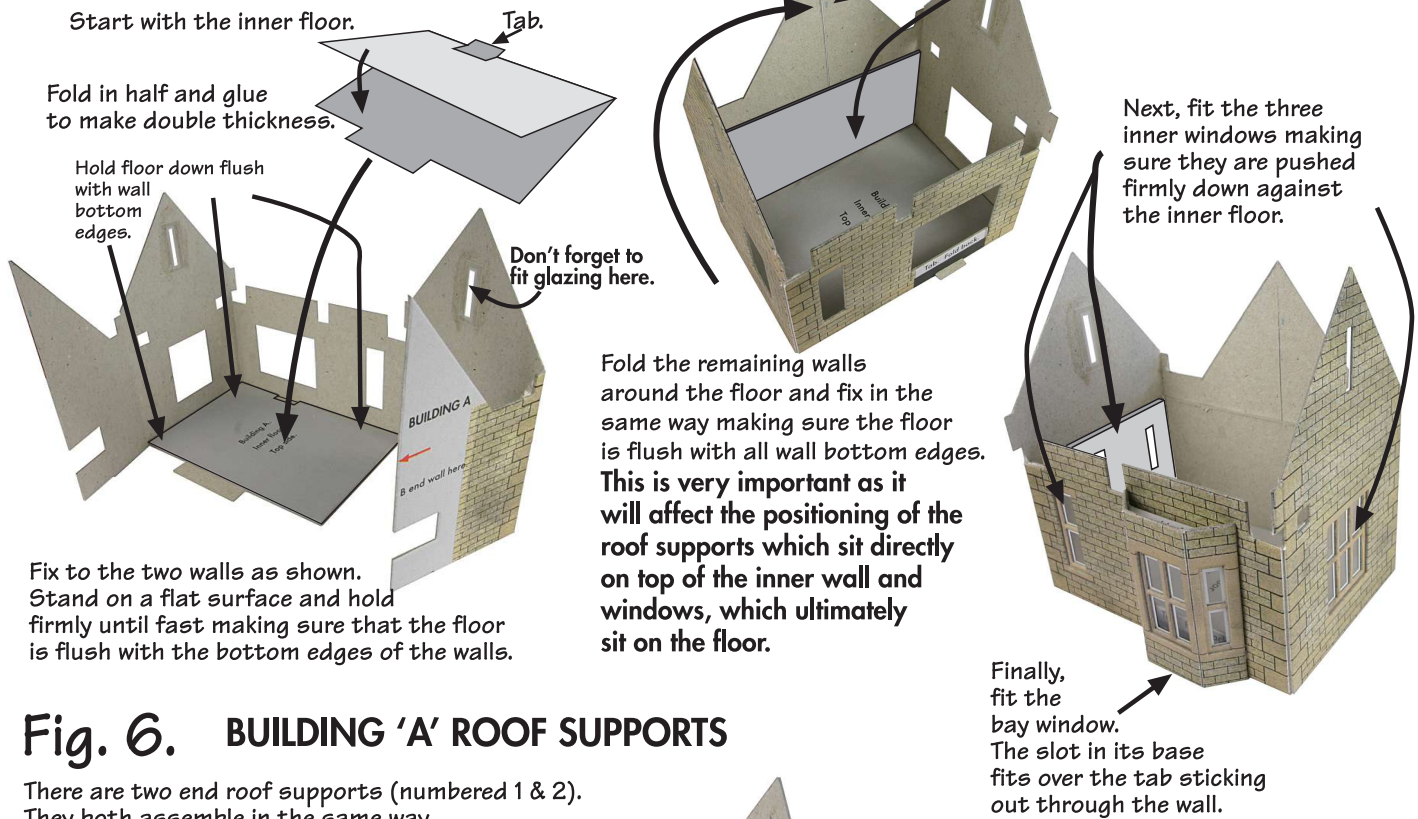


Place in builders yard until needed.



## Fig. 5. BUILDING 'A'.

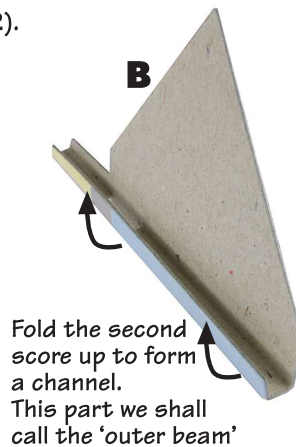
This is the large gabled part of the station.



## Fig. 6. BUILDING 'A' ROOF SUPPORTS

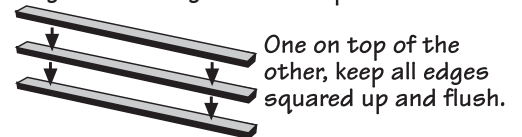
There are two end roof supports (numbered 1 & 2). They both assemble in the same way.

Lay face down on a flat surface and fold UP the first score of the beam



### C INNER BEAM STRENGTHENERS

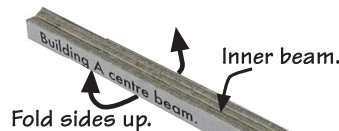
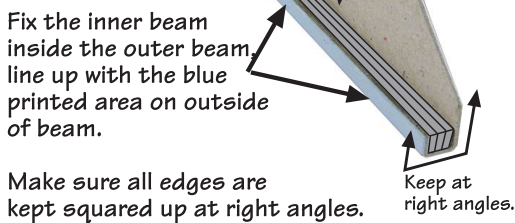
Take the 18 plain grey card strips and glue them together in strips of three.



Do them all, so you end up with six sets of inner beams. You need three set for building 'A'.



E Now repeat the process with the other roof support.



F Also make the centre beam which should end up looking like this.

Building B centre beam.

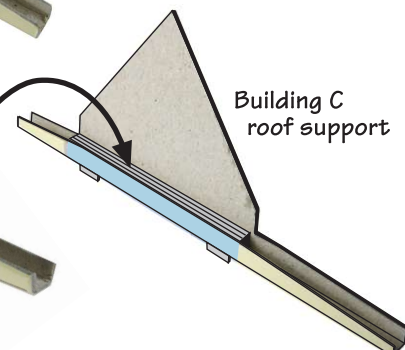
The inner beams sit inside all of them lined up with the blue areas marked on the outer beams.

### WHILST YOU ARE HERE

You may as well make up the beam and roof supports for buildings B & C. They go together in much the same way.

Building B centre beam.

The inner beams sit inside all of them lined up with the blue areas marked on the outer beams.



## Fig. 7. BUILDING 'A' INNER GABLE WALLS.

The gable walls on this building stand taller than the roof slates, so we need to make them appear thicker.

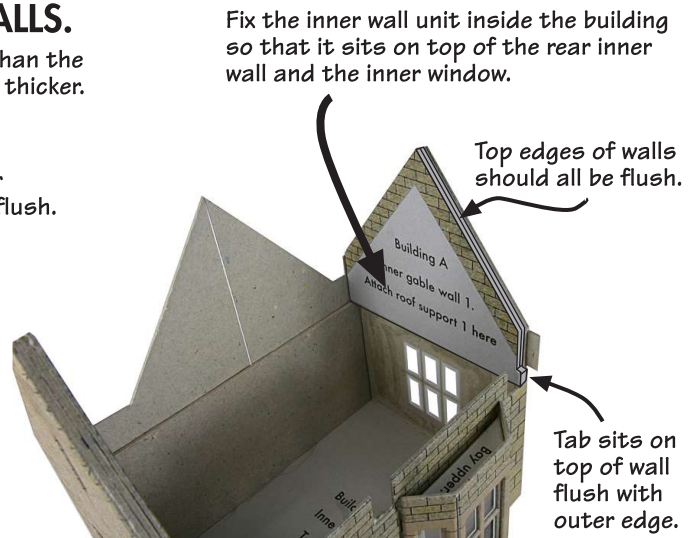
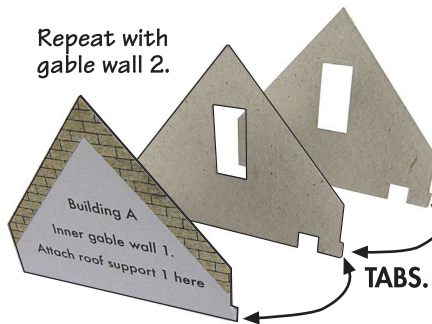
Start by fixing two of the plain grey spacers together along with inner gable wall 1.

Repeat with gable wall 2.

When gluing together keep all outer edges flush. Weight down until the glue has set.

### NOTE:

There is a small tab on one side of each unit. Make sure they ALL line up on the same side.



## Fig. 8. BUILDING 'A' FITTING ROOF SUPPORTS.

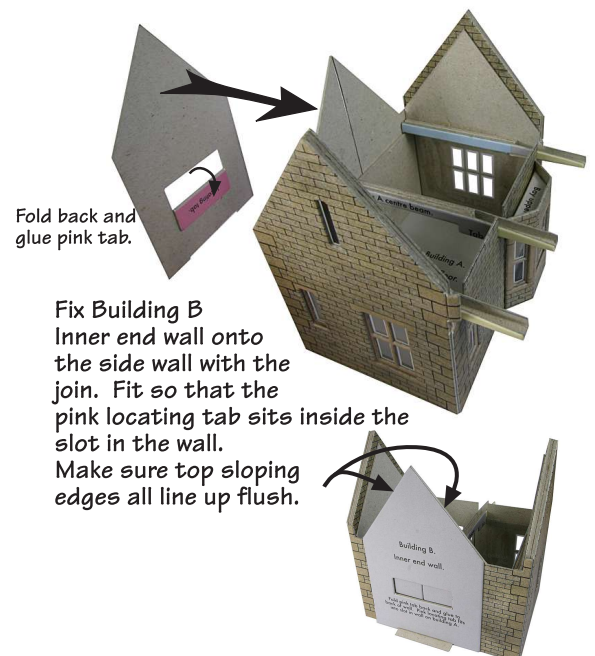
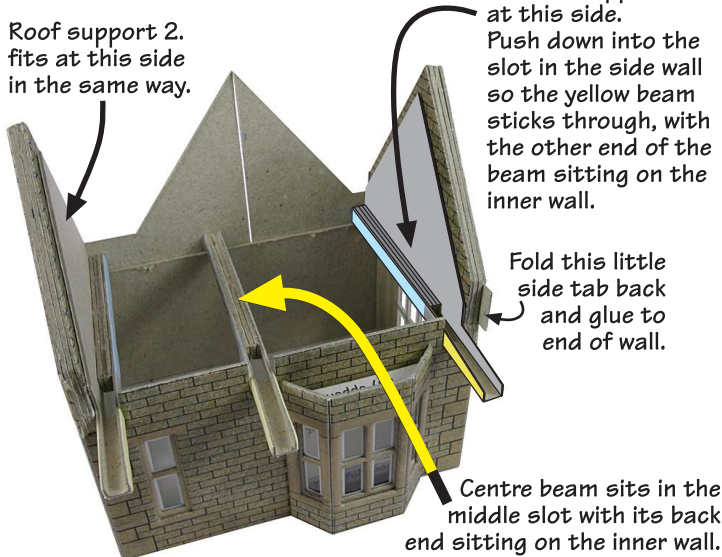
Now to fit the roof supports you made up in Fig. 6.

Roof support 2. fits at this side in the same way.

Fit roof support 1. at this side. Push down into the slot in the side wall so the yellow beam sticks through, with the other end of the beam sitting on the inner wall.

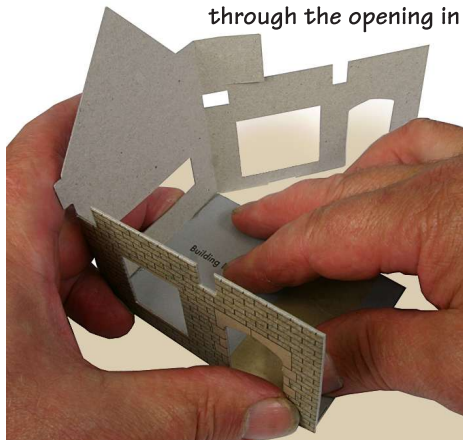
Fold this little side tab back and glue to end of wall.

Centre beam sits in the middle slot with its back end sitting on the inner wall.



## Fig. 9. BUILDING 'B'.

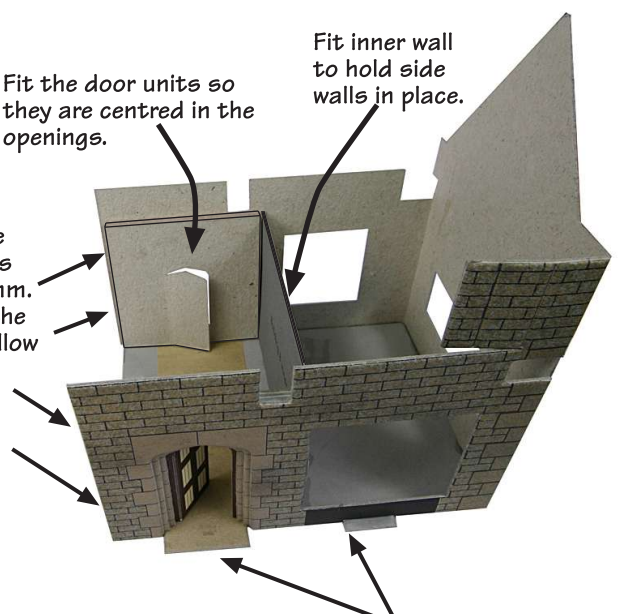
Fit the inner floor to the two walls of the building as shown. Hold on a flat surface making sure that the floor is level with the bottom of the walls. Note the tab that fits through the opening in the gable wall.



Fit the door units so they are centred in the openings.

Fit inner wall to hold side walls in place.

When the doors are fitted the side walls should overhang 1mm. past the sides of the doors. This is to allow the building to fit over the inner end wall that has been attached to building 'A'.



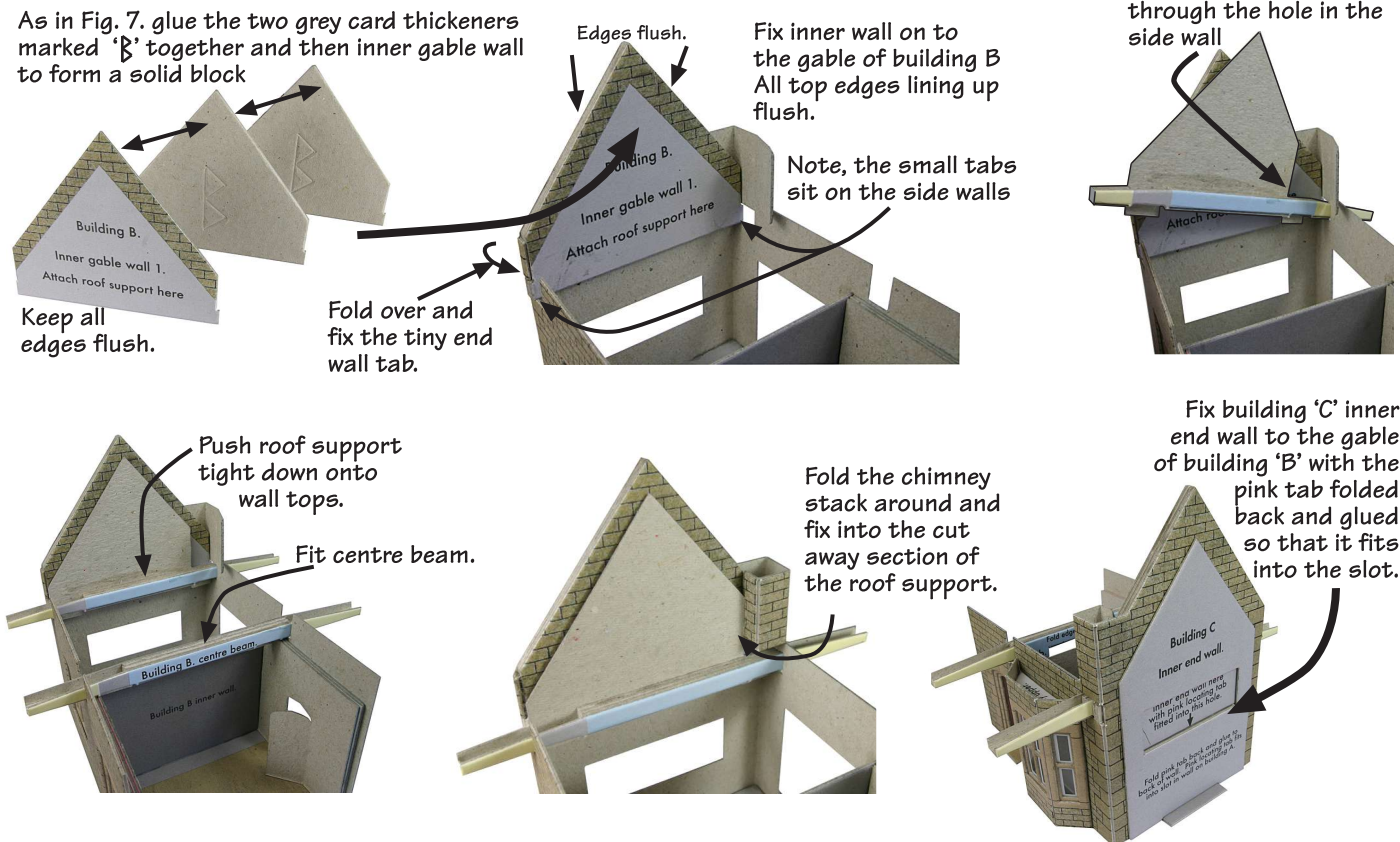
Place tiny spots of glue along the edges of the inner floor. Hold until glue sets, then fold the other wall around and fix. Note the tab and door step.



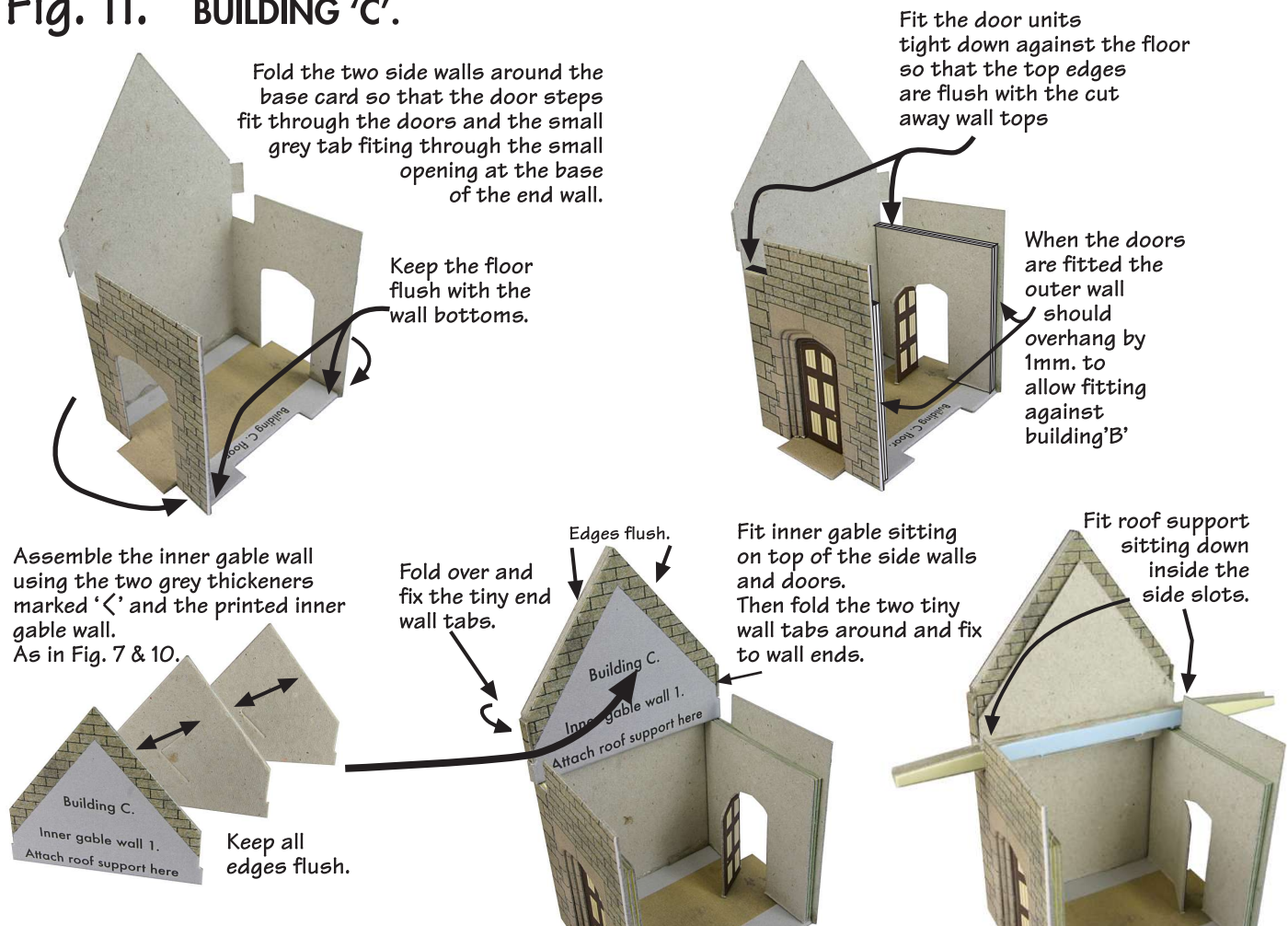
# PO238 STONE BUILT WAYSIDE STATION KIT

## INSTRUCTION SHEET 2

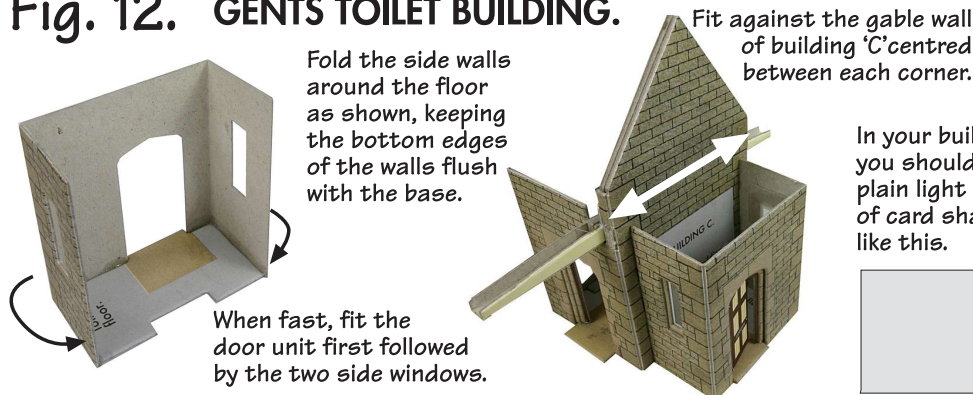
### Fig. 10. BUILDING 'B' INNER WALL AND ROOF SUPPORTS.



### Fig. 11. BUILDING 'C'.



## Fig. 12. GENTS TOILET BUILDING.



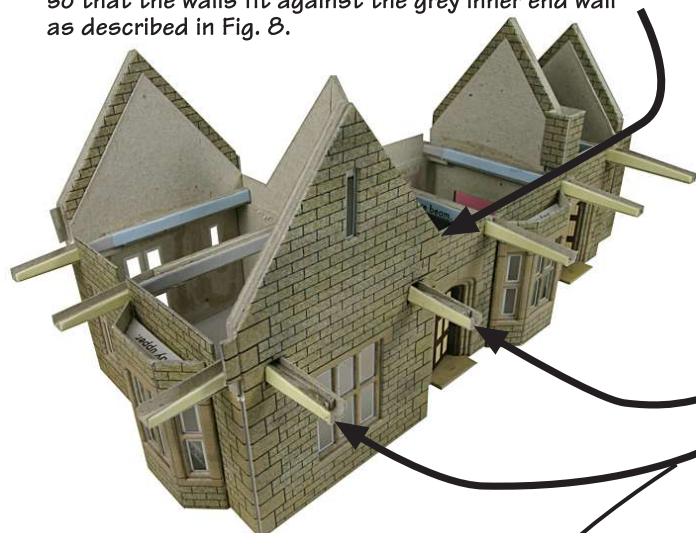
In your builders you should have : plain light grey pi of card shaped like this.



This is the toilet roof, and it sits on top of the toilet walls as shown, with this edge lined up level with the edge of building 'C'.

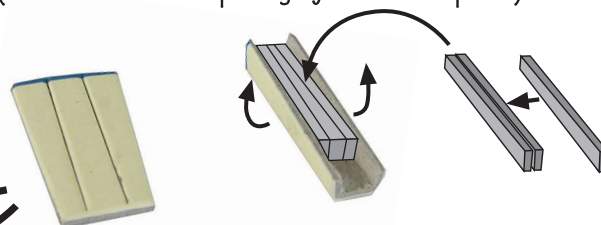
## Fig. 13. FIX BUILDINGS TOGETHER.

Fix the open end of building 'B' to building 'A' so that the walls fit against the grey inner end wall as described in Fig. 8.



## Fig. 14. BUILDING 'A' GABLE CANOPY SUPPORTS.

These are the two tiny cream coloured bits of card with two scorelines running down them. There are also six tiny strips of plain grey card (marked item 'D' on plain grey card description)

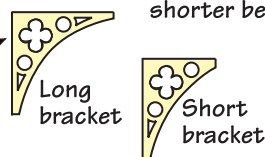


Start by gluing the three of the grey strips together to form a solid block then fold the scorelines up so the sides are at right angles and insert the grey card block inside. When fast, fit the blue ends into the two holes in the gable wall.

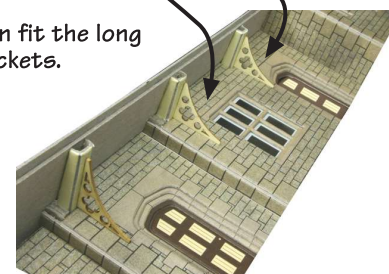
Line them up with the other beam ends. Hold in place until fast.

## Fig. 16. LASER CUT BRACKETS.

Fit the brackets to the underside of the beams. Start with the two SHORT BRACKETS and fit then to the shorter beams above the rear door.

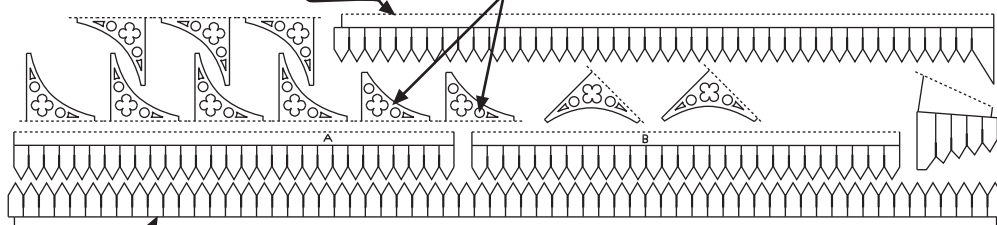


Then fit the long brackets.



## Fig. 15. LASER CUT COMPONENTS.

Carefully extract the components from the sheet by cutting along the score lines marked here as dotted lines. NOTE: Short brackets x 2



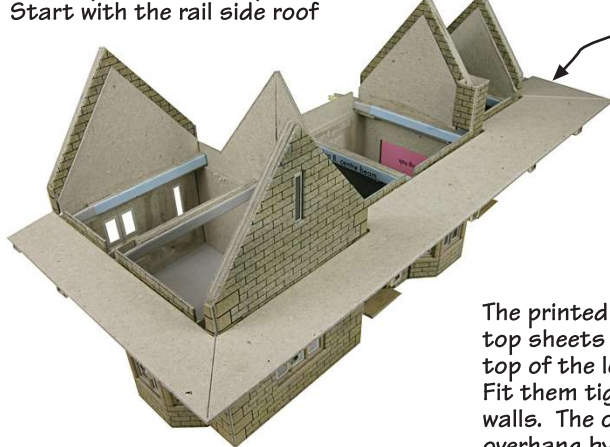
On canopy edges, fold this inner scoreline so that the long thin tab is folded back to make the upper part of the canopy edges double thickness for added strength - Fig. 21.

Because the brackets are laser cut, you will have noticed that one side is slightly darker where the laser has burned through. Fit so that they all show the same when viewed from one side or the other. Or you could paint them with watercolour paint, but test your colour on waste card first and use VERY watered down paints and an ultra fine brush.



## Fig. 17. CANOPY ROOFS.

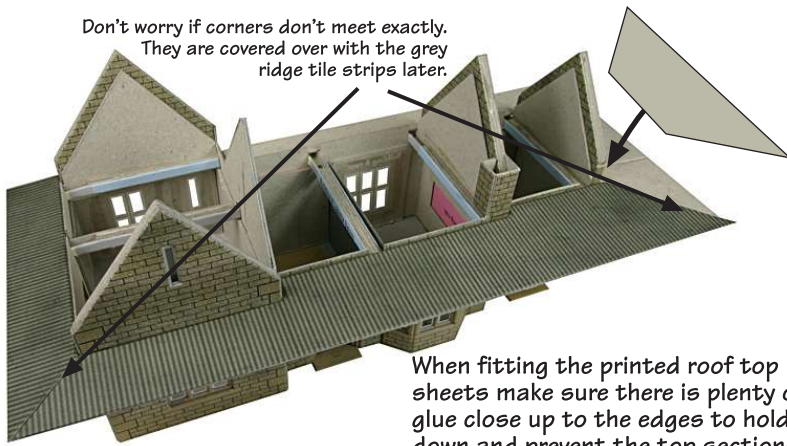
The plain grey lower roofs sit on top of the support beams pushed tight up against the walls. Start with the rail side roof.



This end sits on top of toilet roof.

The printed canopy roof top sheets are fixed onto the top of the lower grey canopy roof. Fit them tight up against the walls. The outer edges should overhang by a few millimetres.

Don't worry if corners don't meet exactly. They are covered over with the grey ridge tile strips later.

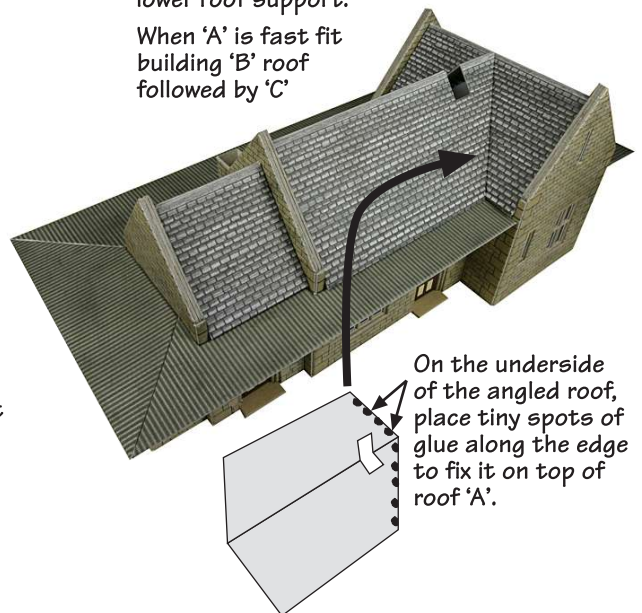


When fitting the printed roof top sheets make sure there is plenty of glue close up to the edges to hold it down and prevent the top sections from curling up at the edges.

## Fig. 18. MAIN ROOF.

Start with building 'A' and fit down between the end gable walls so it sits on top of the lower roof support.

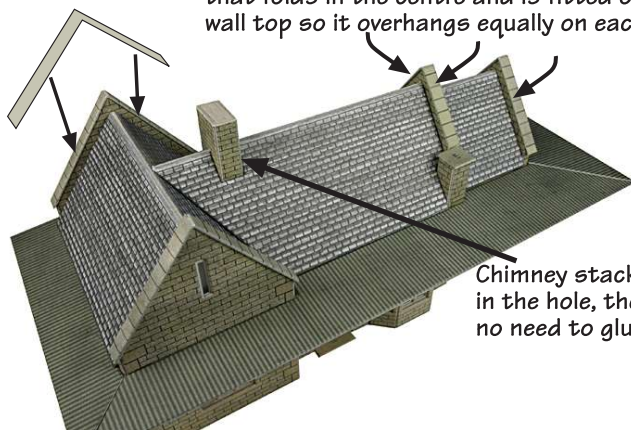
When 'A' is fast fit building 'B' roof followed by 'C'



On the underside of the angled roof, place tiny spots of glue along the edge to fix it on top of roof 'A'.

## Fig. 19. CAPPING STONE STRIPS.

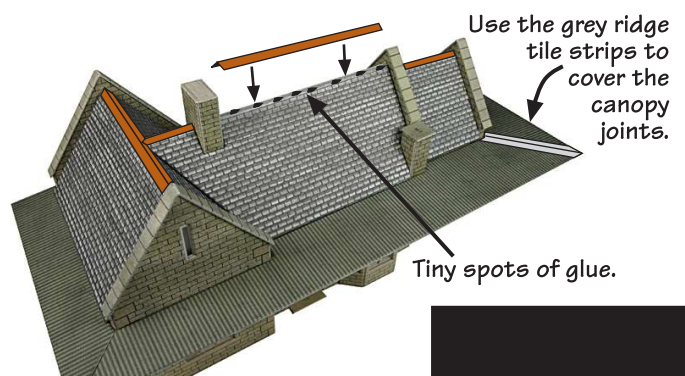
Each gable wall is topped off with a capping strip that folds in the centre and is fitted on to the wall top so it overhangs equally on each side.



Chimney stack sits in the hole, there is no need to glue it in.

## Fig. 20. RIDGE TILE STRIPS.

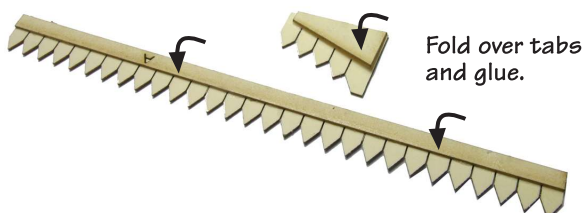
Cut the red ridge tile strips to required lengths and fold on the scoreline then fit to roof ridges fixed with tiny spots of glue placed along the ridge.



Tiny spots of glue.

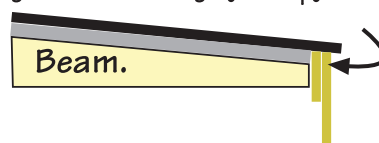
## Fig. 21. CANOPY EDGING.

There are four long strips of canopy edging and a smaller end piece. They all have a section that folds back to make the upper portion double thickness for added strength.



Fold over tabs and glue.

The edging strips fit to the underside of the canopy roof up against the edges of the lower grey canopy roof.

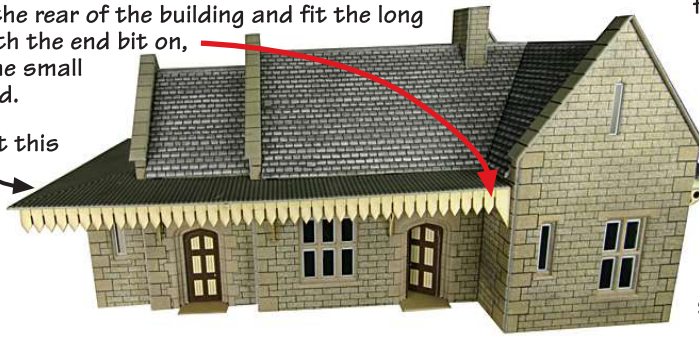


Beam.

## Fig. 22. FITTING THE CANOPY EDGING.

Start at the rear of the building and fit the long canopy with the end bit on, then fit the small canopy end.

'B' fits at this side.



After the two rear canopy edges are set fit the two medium sized strips marked 'A' and 'B'

Edging strip 'A' fits at this side.

Fit the longest edging strip last which runs the full length of the canopy platform side. Each end fits over the ends of the two side strips 'A' and 'B'.

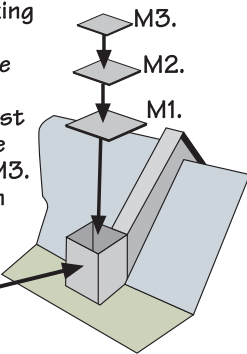
Small canopy end.



## Fig. 23. SMALL CHIMNEY.

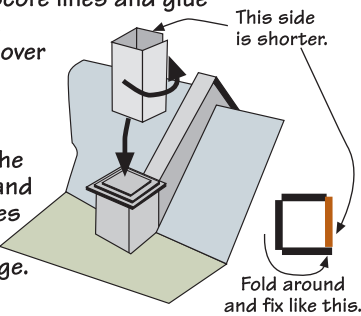
On one corner of the booking office (Building 'B') is the bottom section of a single flued chimney stack.

To complete the stack, first fix the three chimney base cards marked M1. M2. & M3. an top of each other, each one centred on top of the other. then fix to the top of the lower part of the stack.



Next take the small chimney upper stack and fold it around on the three score lines and glue to form a box. This now sits over the small top stone M3.

Top off with the chimney pot and capping stones as shown at bottom of page.



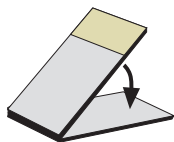
This side is shorter.

Fold around and fix like this.



## Fig. 24. RAMP AND STEPS.

If you are using our P0235 platform kit to stand your station on You will need a way to get your little people up to platform height from street level. So we have included a small ramp-cum steps structure.



Start with the steps. Fold each of the 7 steps in half and glue to make double thickness.

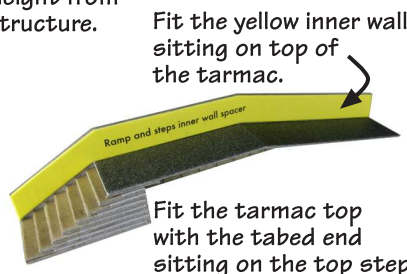
Glue the steps on top of one another.



To form a solid block.



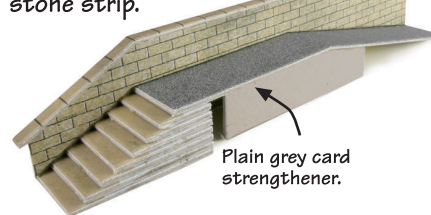
Glue the steps on to the outer wall. Line up the edge of the bottom step with the wall end.



Fit the yellow inner wall sitting on top of the tarmac.

Fit the tarmac top with the tabed end sitting on the top step.

Finally, fit the inner stone wall and top off with the capping stone strip.



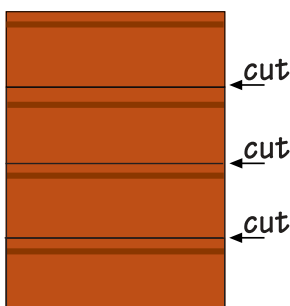
Plain grey card strengthener.

## WALLS.

We have included a few strips of walling. To make up simply glue the strips back to back with a strip of waste card in between to thicken it up. Top off with capping stone strips. See back of packet.

## Fig. 25. CHIMNEY POTS.

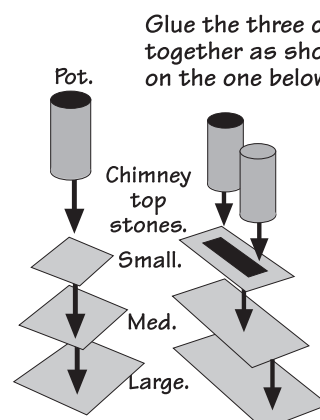
Cut out the terracotta coloured strips below and roll tightly around a nail or drill bit (aprox. 4mm. dia.)



Curl strip slightly first.

Roll up tight then unroll the end enough to smear with a little glue then roll back up and hold tight until fast.

Glue the two chimney top stones together as shown with the smaller top centred on the one below. When fast, attach the chimney pot and set to one side to dry thoroughly before fixing to chimney stack.



Glue the three chimney top stones together as shown with each one centred on the one below.

When fast, attach the chimney pots and set to one side to dry thoroughly.

