

PN935 N Scale

Station Master's House

CHECK LIST

This kit should contain the following:

- 1 x SHEET A Printed roofs and walls.
- 1 x SHEET B Printed walls etc..
- 1 x GLAZING SHEET
- 1 x RED LASER CUT SHEET L1.
- 1 x CREAM LASER CUT SHEET L2
- 1 x DARK GREY LASER CUT SHEET L3.
- 1 x LIGHT GREY LASER CUT SHEET L4.
- 1 x INSTRUCTION BOOKLET.

READ THROUGH ALL THE INSTRUCTIONS BEFORE YOU START.

This is a complex kit that requires particular attention to detail, so proceed with care!

To construct this kit you will need the following:

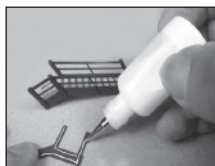
- 1. A modellers knife.
- 2. A pair of sharp scissors.
- 3. Water colour paints see Fig. 5.
- 4. Glue - See glues.
- 5. Ultra Fine Tip Glue Applicator, see below.
- 6. A cutting surface - a sheet of card or cutting mat will do.
- 7. Fine point tweezers.
- 8. A magnifying glass on a stand is helpful for fitting tiny components.

METCALFE Ultra Fine Glue Tip Bottles.

These bottles are essential for gluing the smaller components in this kit.



Tiny strips and spots of glue can be accurately laid down with precision.



INSTRUCTIONS

GLUES

UHU Solvent Free All Purpose Adhesive.
Also SPEEDBOND by Deluxe Materials.

see www.deluxematerials.com

All work in our Ultra Fine Tip Applicators.

GETTING STARTED

1 EXTRACTING COMPONENTS FROM THE BASE SHEETS.

To stop the components from falling off the printed sheet, they are held secure with score lines (marked with blue arrows) that cut about 75% of the way through the card. To release them run the point of your knife along these scores and they will come seamlessly away.

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

Laser cut components have tiny 'pips' holding them on the base sheet.

Carefully push at those points and they will snap out easily.

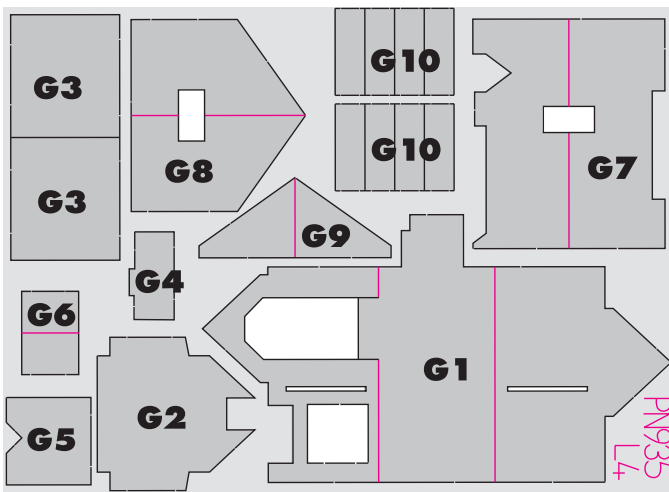
2 MAKE YOUR 'BUILDERS YARD'.

As you extract the components from the base sheets they need to be kept away from your working area on a thick piece of card or a tray until needed.



Start by extracting all the components from the printed sheets. As you put them in the builders yard, mark any small items that don't have descriptions printed on them either on the back or written next to them on the base of the builders yard.

3 LASER SHEET L4



This sheet contains the strengthening components that fit inside the kit to hold it together.

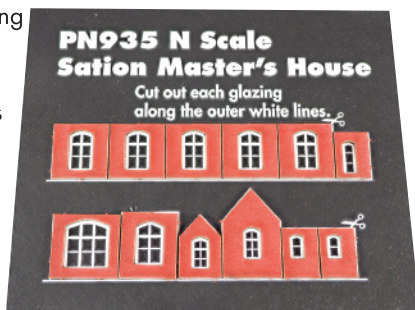
Key:

- G1. Main inner framework.
- G2. Inner centre wall.
- G3. Rear gable floor x 2.
- G4. Rear porch floor.
- G5. Rear porch back wall.
- G6. Front porch inner roof.
- G7. Main inner roof
- G8. Rear gable inner roof.
- G9. Front gable inner roof.
- G10. Chimney inner formers x 8.

All the laser cut components on sheets L1, 2, 3 and 4 are best left on the sheets until needed.

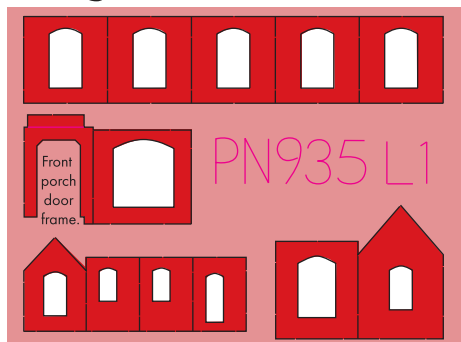
4 Laser Cut Window Frames and Glazing.

Push out the window frames.
NOW BEFORE YOU CUT UP THE PLASTIC GLAZING SHEET, fix each of the red window frames onto their corresponding windows.



Like this

It's much easier this way



Then when the glue has set simply cut out each window with your scalpel.

5 Painting Corners & Edges.

Before you go any further it is best to paint the white card that shows on the corners and edges NOW before any building work.

All you need is a simple set of water colour paints and a fine brush. We use these Rowney paints and the lid is used for mixing the colours.

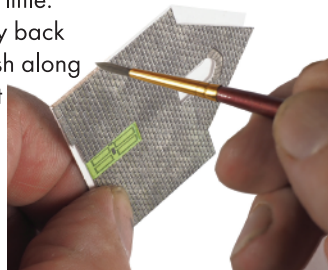
Mix your colour with lots and lots of water, approx. 1 part paint to 5 parts water or more.

TEST ON WASTE CARD FIRST UNTIL YOU HAVE THE CORRECT SHADE & COLOUR.



For this kit you will only need to mix brown with a touch of black to make a dirty browny grey colour, lots of water as well. You don't want to be painting a solid line of colour, you only need to tint the card a little.

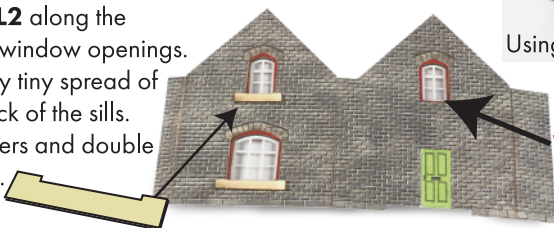
Fold corners fully back then run the brush along the score and let the watery tint soak into the card. Rub in the paint and wipe off any excess.



6 Fit the Windows & Sills.

Fit the windows to the backs of their corresponding openings in the house walls. Be careful that you get the correct sizes in the right hole **CHECK FIRST** before you glue.

Fit the tiny window sills located on laser sheet **L2** along the bottoms of the window openings. Only use a very tiny spread of glue on the back of the sills. Fit using tweezers and double check the sizes.



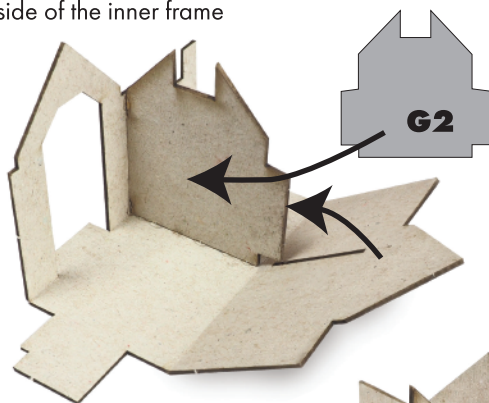
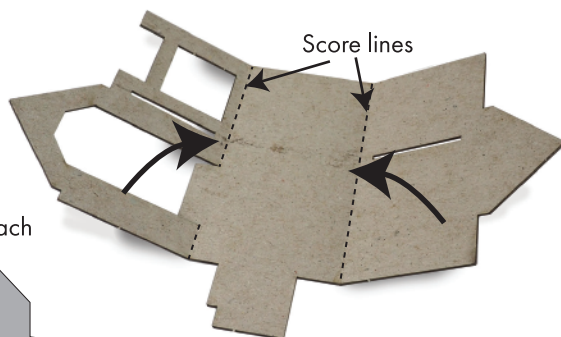
DON'T FIT THE SILL TO THIS WINDOW over the green door. Fit after the porch has been built.

7 Fit Walls to Inner Frame.

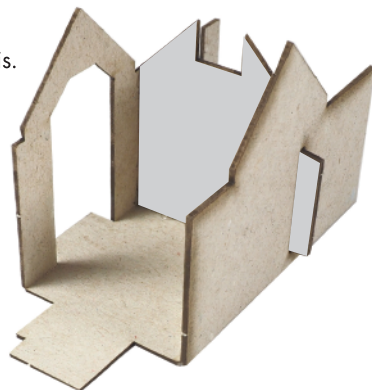
Take the main inner frame and fold up the sides as shown.

Insert the inner wall **G2**.

Fit so the lugs stick out through the slots in each side of the inner frame



Like this.



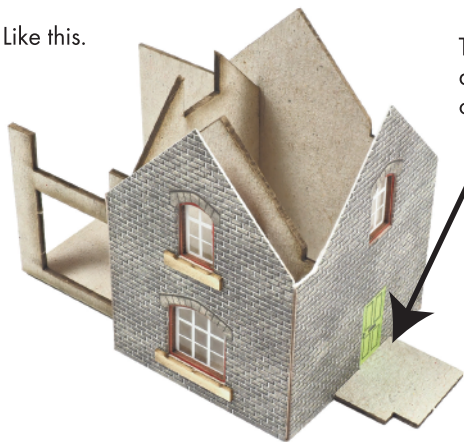
The wall sections wrap around the inner frame.



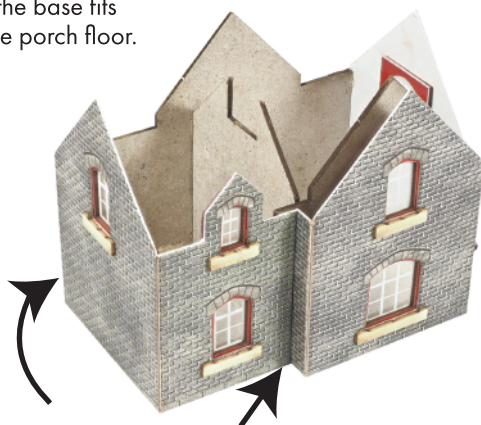
Fit outer wall **W1**. first. Glue the narrow walls at each end onto the frame. This end around the back.

The other end folds in and fits to the lug sticking out through the front wall.

Like this.

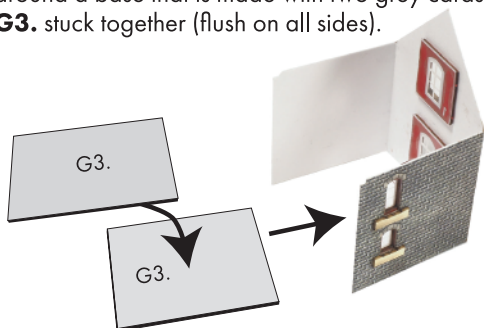


The cut away section along the base fits over the porch floor.

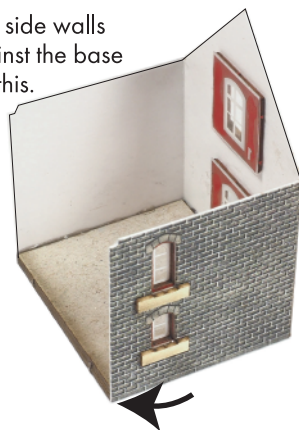


Next, fit wall **W2**. Start by fixing this end to the inner front wall, pushed tight up against the front gable. Then fold the wall around and fit the rear wall so the inner wall fits tight inside.

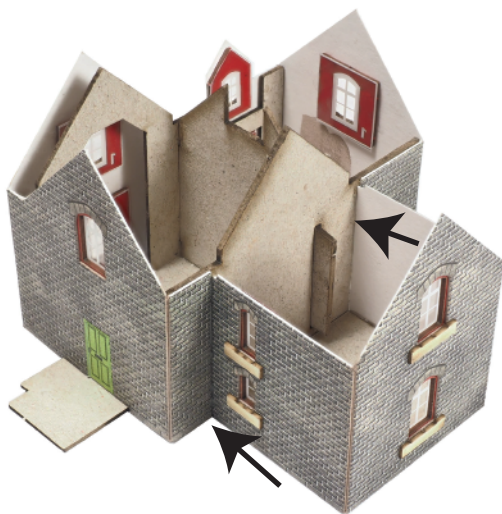
The rear gabled building (Section C.) folds around a base that is made with two grey cards **G3**, stuck together (flush on all sides).



Fold side walls against the base like this.

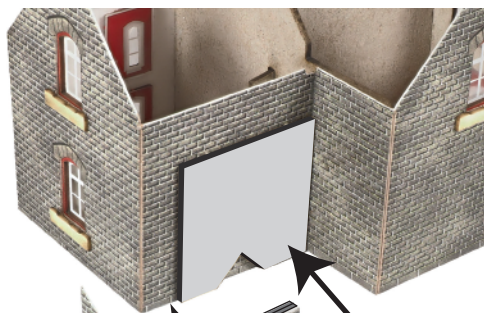
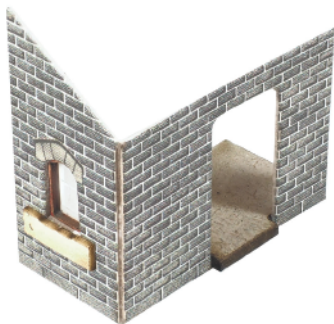


Then fit the rear building to the main building.



8 Rear Porch.

Fold the walls around the base card **G4**, with the door step sticking out through the door opening



Fix grey back wall card **G5**. pushed into the corner.

Fit the rear door behind the door frame, then fix into the porch.



Fix the porch into the corner up against the rear inner wall.
When fast, fit the small roof section as shown.

9 Front Porch.

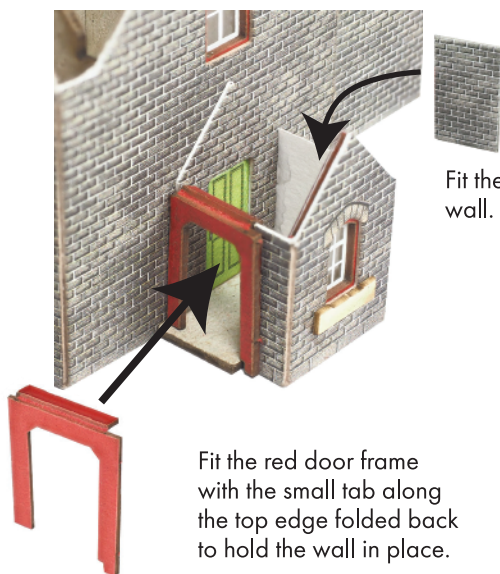
Fold the front porch walls around the base card where it sticks out from under the building.



First, fit the front door frame, which is actually a stone wall with a door hole in it.
Fix to the wall around the front door.

Line this edge up flush with the edge of the porch floor.





Fit the inner back wall.

Fit the red door frame with the small tab along the top edge folded back to hold the wall in place.



Fix the grey card **G6**. Inner roof onto the top of the porch.

Then fit the printed roof directly on top of that.



Note how the inner roof is stepped back under the printed roof.

The barge board is fitted against the inner roof which holds it out from the gable wall and stepped back a little under the printed roof.
ALL BARGE BOARDS FIT THIS WAY.



Now you can fit the two small window sills with the angled ends around the roof.



10 Fit the roof.

Start with the main inner roof **G7**.

This slots over the dormer and inner support walls.

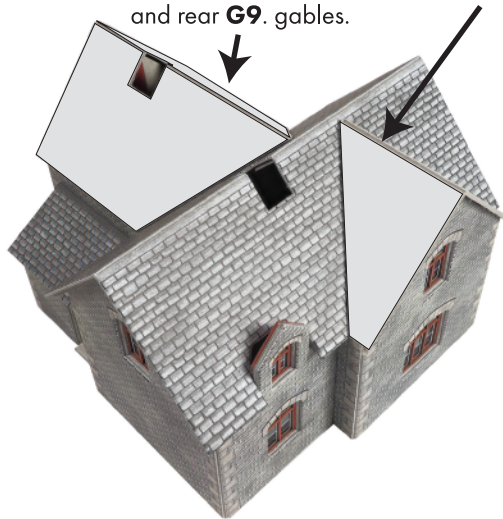


When fitted, each end of the inner roof should overhang the gables equally.

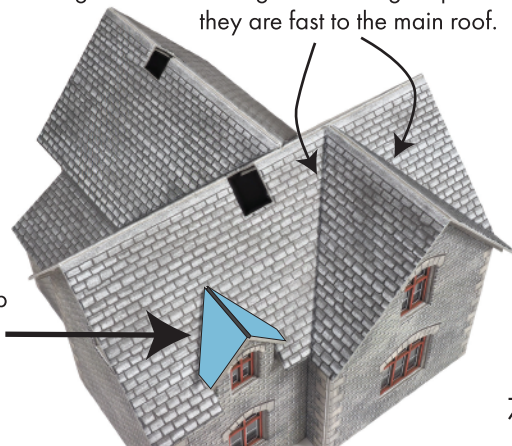
Fit the main printed roof next, making sure the ends overhang equally.



Now fit the inner roofs for the front **G8** and rear **G9** gables.

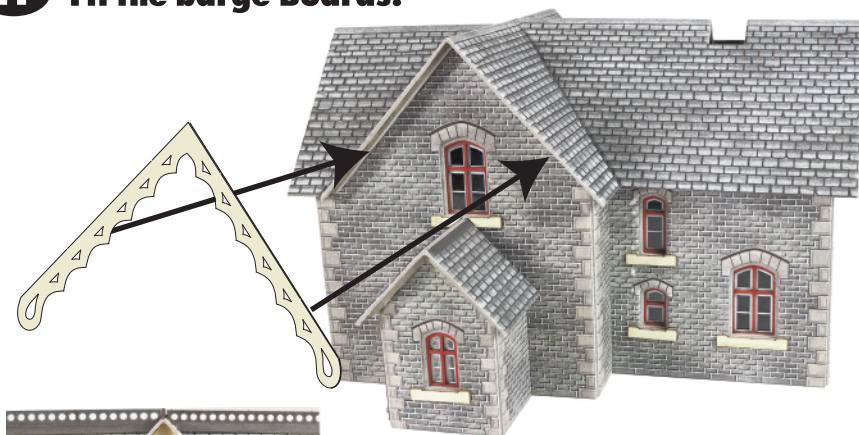


Fit the printed roofs on top. Make sure you place a little glue under the edges of the angled parts so they are fast to the main roof.



Fix the tiny dormer inner roofs **1 & 2** directly on top of one another. Fit so the ridge is level and the front edge overhanging by about 1 mm. When fast, fit the printed roof on top.

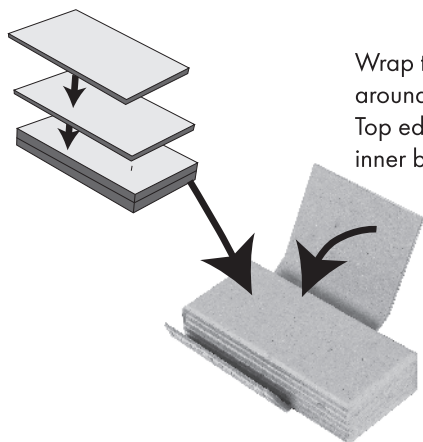
11 Fit the barge Boards.



As explained earlier the barge boards sit up under the overhanging roof fixed to the edges of the inner roofs.

12 The Chimney Stack.

Both chimney stacks are the same size, so for each one take the 4 x **G10**. chimney stack inner spacers and glue them together in a block with all edges squared up.



Wrap the chimney stack around the block.
Top edge flush with the inner block.

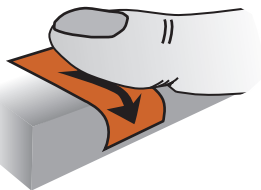


13 The Chimney Pots.

Cut out the terracotta coloured strips (right) and roll each one tightly around a metal rod to form a cylindrical shape.

Drill bits, nails or even knitting needles can be used for this job. It needs to be 2mm. in diameter for N scale.

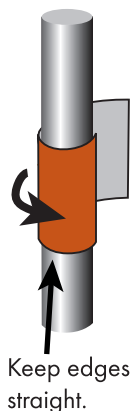
Curl the strip slightly first by dragging it over the edge of your worktop underneath your thumb



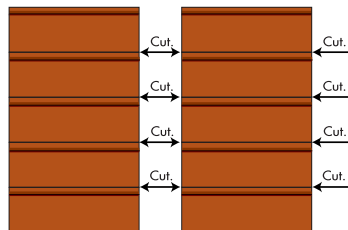
Then roll the strip of pre curled paper around the metal rod.

Roll up tight and keep rolling until the paper is fully curled around.

Then unroll the end back out just enough to smear with a little glue, then roll back up and hold tight until the glue has set.



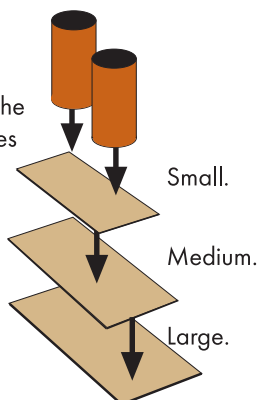
Keep edges straight.



The completed chimney stacks now simply push down inside the holes in the main roof.

Don't glue them in place, they may need to be lifted back out when you are fitting the roof ridge tiles.

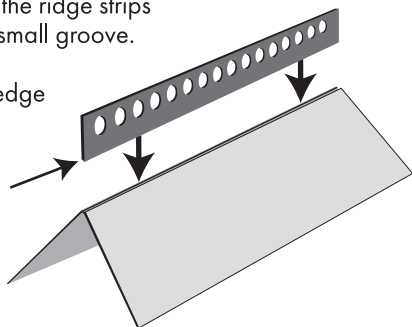
Mount the pots on to the chimney capping stones before fixing to the main chimney stacks.





Stand the ridge strips
in the small groove.

Thick edge
down.

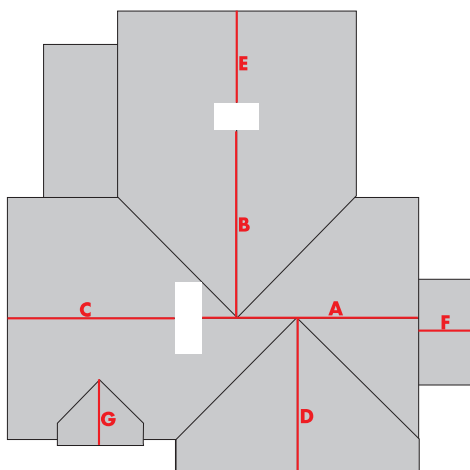
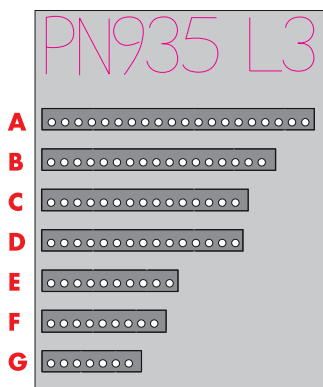


The plan below shows where the ridges fit.

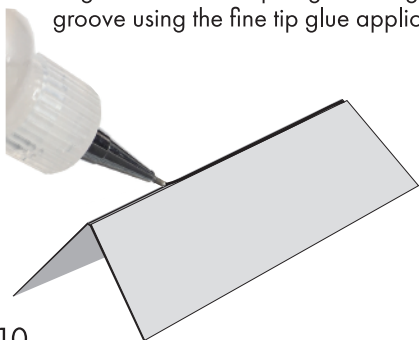
14 The Ridge.

These laser cut ridge strips have been made to size, ready for fitting, so you won't need to cut the strips to fit.

The key below shows where they all go.



The top section of the ridge tile strip sits vertically in the tiny groove along the roof ridge. Run a thin strip of glue along the groove using the fine tip glue applicator.





Other matching Settle Carlisle Railway style building kits.



PN933 Station Building



PN934 Platform Shelter



PN155 Workers Cottages