

PN 139 Wayside Station Shelter

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.

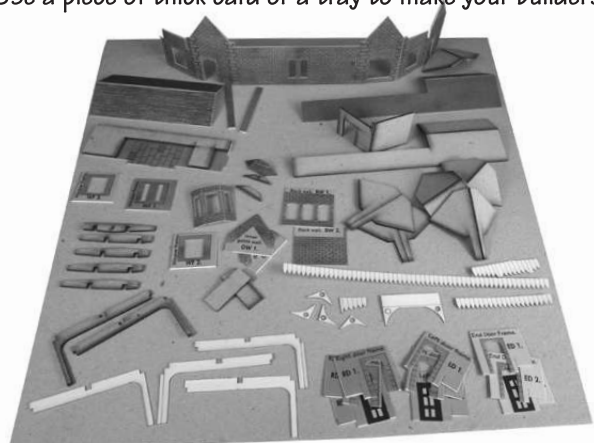
The awnings and brackets have been laser cut for finer detail and are contained on a separate cream coloured sheet. THESE ARE BEST LEFT ALONE ON THIS SHEET UNTIL YOU HAVE BUILT THE MAIN BODY OF THE KIT.

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:

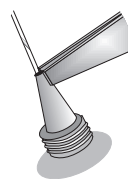
- 1 x SHEET A - Components for Building.
- 1 x PLAIN GREY CARD - Interior strengthening parts.
- 1 x LASER-CUT CARD - Canopy edging and brackets.
- 1 x GLAZING SHEET.
- 1 x INSTRUCTION SHEET (this one).
- 1 x Ridge Tile Sheet.
- 1 x EXTRA BITS SHEET.

UHU GLUE

The best glues for the job are UHU All Purpose Adhesive which is available in standard form or Solvent Free.

Although the tubes of UHU have narrow nozzles, they are still a bit too big, so if you don't have the 'ULTRA FINE' bottles you can narrow the nozzle down like this:

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.

The METCALFE UltraFine Tip Glue Bottles are essential for gluing the fine laser cut components in this kit.

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

Always replace the pin after use and store the bottles upside down to keep the glue moist.

Product code MT907



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.

GREY CARD KEY

1. Canopy beams x 4
2. Beam positioner.
3. Roof and canopy supports x 4.
4. Base card support.
5. Bay window inner supports.
6. Inner wall supports x 2.
7. Canopy inner joist and leg x 2.
8. Gable wall inner spacers x 2.
9. End wall canopy beam marked with three lines III.

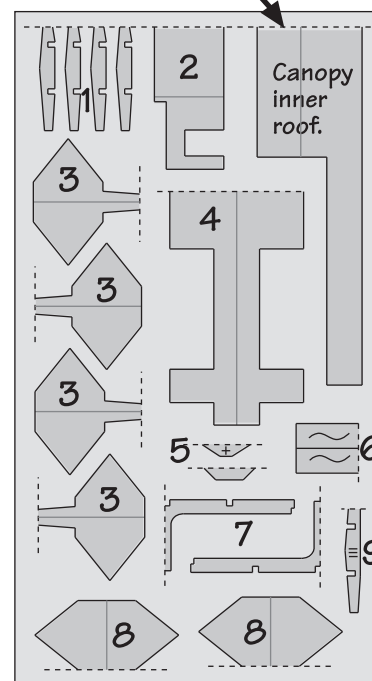
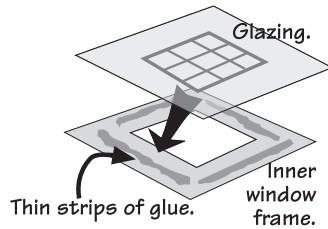


Fig. 1. START WITH THE WINDOWS.

Start by cutting out all the clear plastic window sections. Cut along the thin white lines that mark them out. Fix each to its corresponding window frame.



Glazing marked:
Rear = WF1 Window frame
Front = WF2 and 3 frames.

Place the windows back in your builders yard until needed.

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

Fig. 2. OUTER WALLS.

Bend the six corners to loosen them up, then fold over the two small pink tabs (T1.) and glue to back of inner wall. Fold the two inner walls up and glue the pink tabs to the back of the building wall. Fit the rear window WF 1.

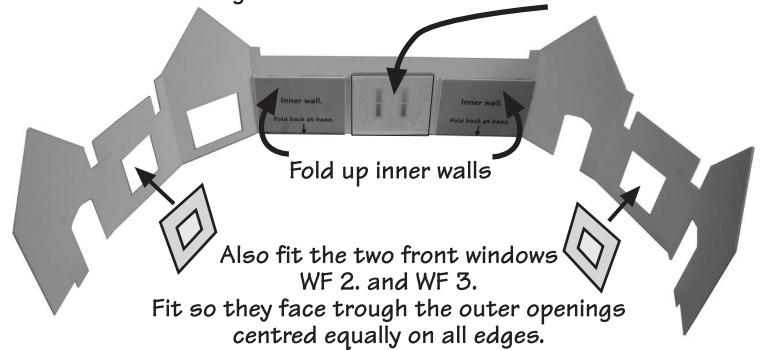


Fig. 3. BASE CARD.

Fold the grey base card support in half along the long scoreline and glue together. Then attach it to the printed base card fitting flush with outer edges.

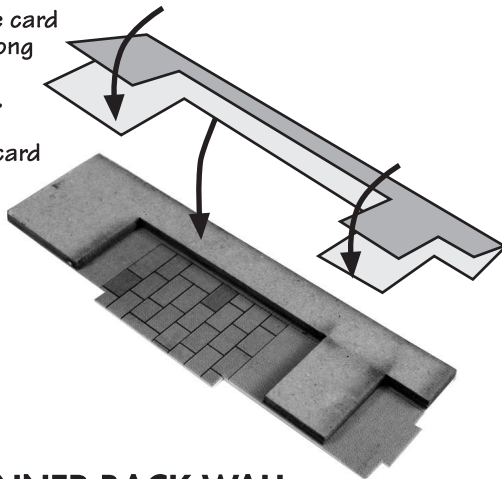
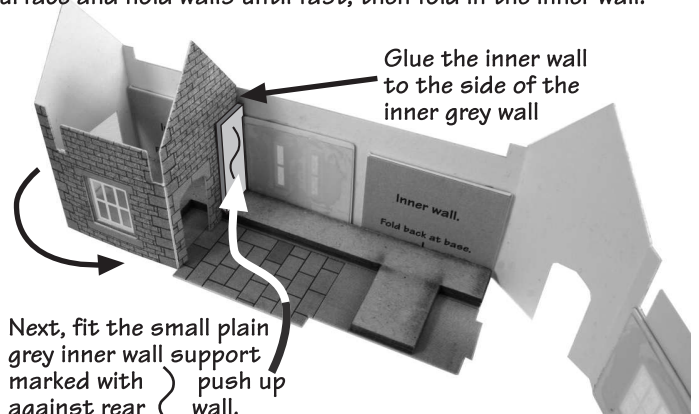


Fig. 4. FIX WALLS AROUND BASE.

Starting with the rear wall and left hand side of the building, Fix the back wall to the back edge of base card then fold the gable and front wall around and fix too. Stand on a flat surface and hold walls until fast, then fold in the inner wall.



Now repeat with the right hand side of the building.

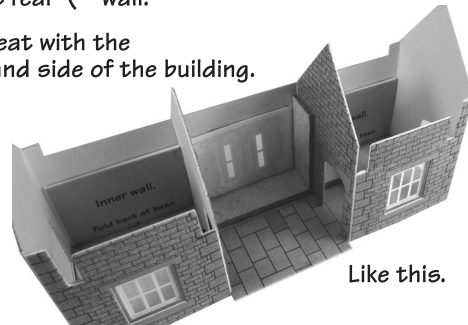
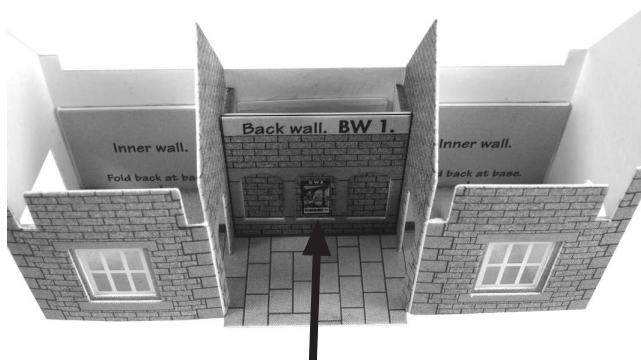
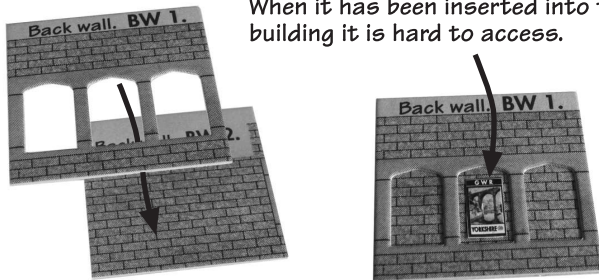


Fig. 5. INNER BACK WALL.

BW 1. fits on top of BW 2. with edges all flush.

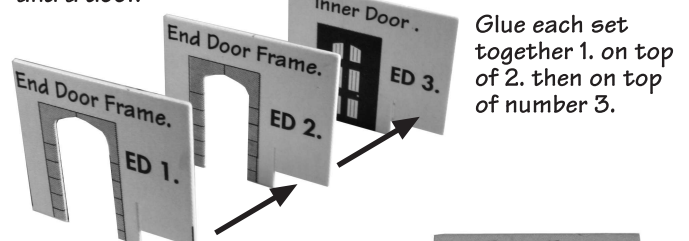
At this point, if you want to attach posters to this wall, do it now. When it has been inserted into the building it is hard to access.



Fit the wall inside the building up against the two grey wall supports.hh

Fig. 6. DOORS AND FRAMES.

There are three doorways, each with a set of door frames and a door.



This gives a door sides a stepped-in appearance. Make sure that all the outer edges are flush.

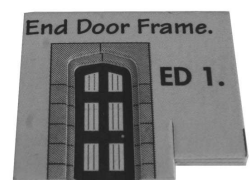


Fig. 7. FIT THE DOORS.

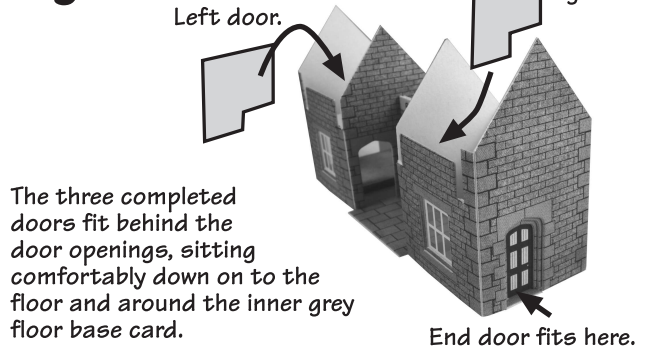


Fig. 9. ROOF & CANOPY SUPPORTS.

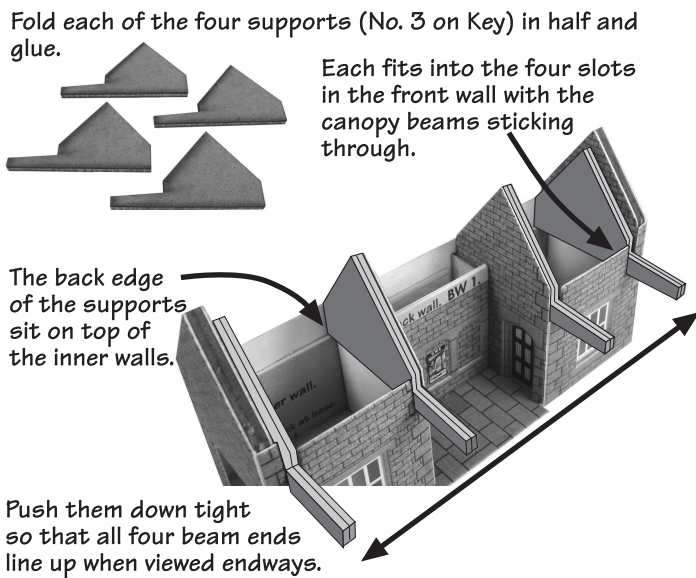


Fig. 11. END WALL CANOPY BEAM.

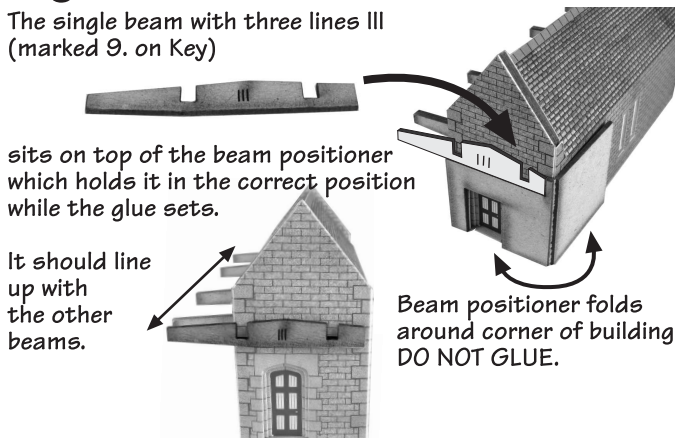


Fig. 12. CANOPY BEAMS x 4.

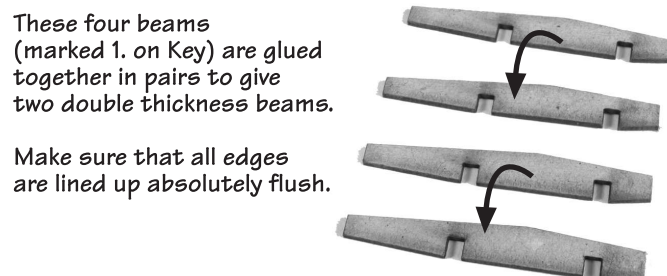


Fig. 8. INNER GABLE WALLS.

The two plain grey card gable wall inner spacers (Marked 8 on grey card key) fold in half and glue to make double thickness. Then attach the printed GW 1. & GW 2. walls to each with all edges flush.

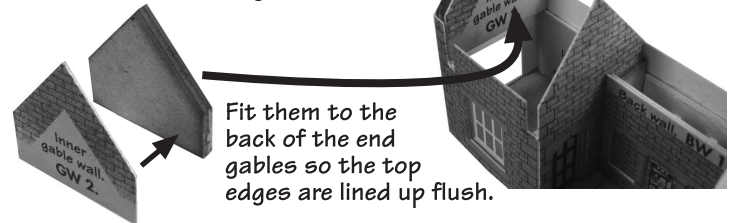
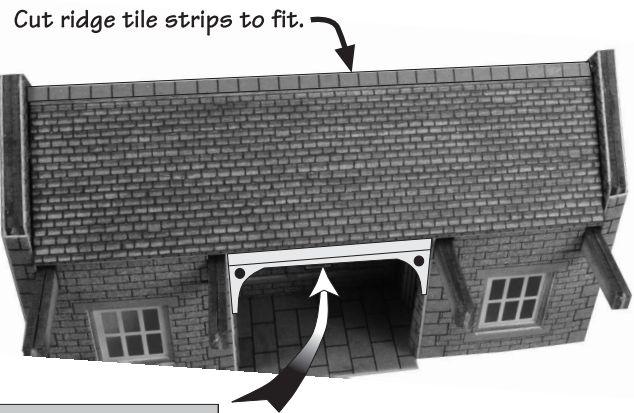


Fig. 10. FIT THE ROOF and RIDGE TILES.

The roof sits on the top of the lower roof and canopy supports so that the end walls stand above the roof at each end of The building. When fast, fit the ridge tile strip. It is easier fitted now before the end wall capping stone strips are fitted.



At this point, fit the inner porch side brackets. The unit is pushed up till it touches the roof with each end sitting in the scorelines of the wall corners.

LASER CUT COMPONENTS.

These tiny components are on thin cream card. Cut the dotted lines shown to release from base sheet. The tiny round holes in the brackets are best pushed out with the point of a knife before they are separated from sheet.

KEY:

1. Inner porch side brackets.
2. Canopy inner joist & leg inside cladding x 2.
3. Canopy inner joist & leg outer cladding x 2.
4. Canopy brackets x 4.
5. Canopy small end valance.
6. Canopy large end valance.
7. Canopy small side valance.
8. Canopy large railside valance.

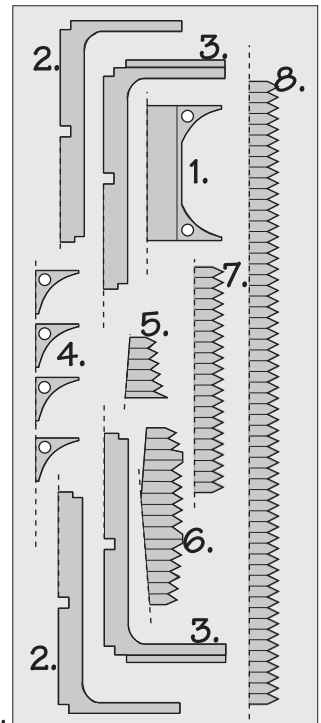
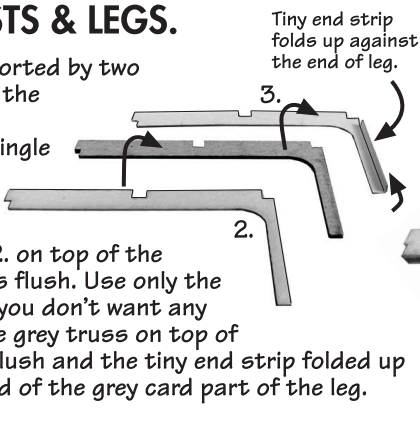


Fig. 13. JOISTS & LEGS.

The canopy roof is supported by two long joists with a leg at the end of each.

Each one is made of a single thick grey card section and is clad on each side with the thinner cream card. Attach cladding 2. on top of the grey truss with all edges flush. Use only the tiniest amount of glue, you don't want any oozing out. Next, fit the grey truss on top of cladding 3. with edges flush and the tiny end strip folded up so that it covers the end of the grey card part of the leg.



Now take both joists and attach one of the beams into the centre slots. Simply push the slots together. Push the beam down until the two slots are fully engaged. No glue is needed.

Like this!

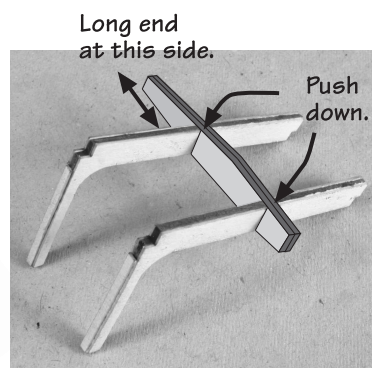


Fig. 14. FIX TO BUILDING.

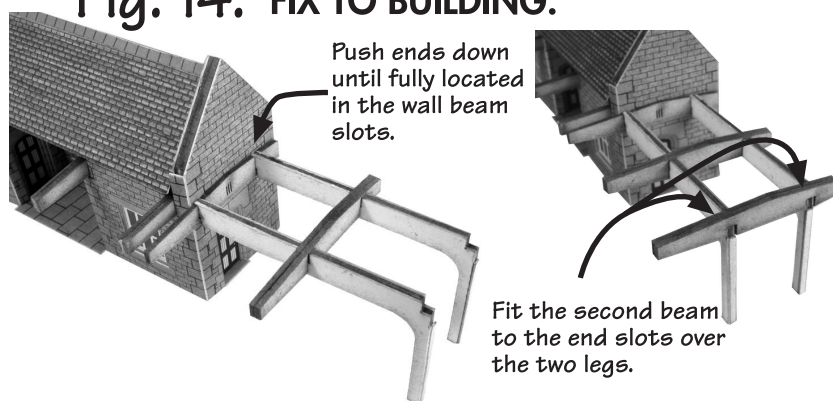


Fig. 15. FIT GREY LOWER ROOF.

Fit plain grey inner roof pushed firmly up against the front and end walls.

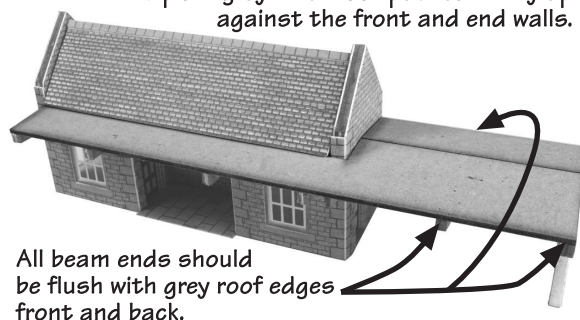
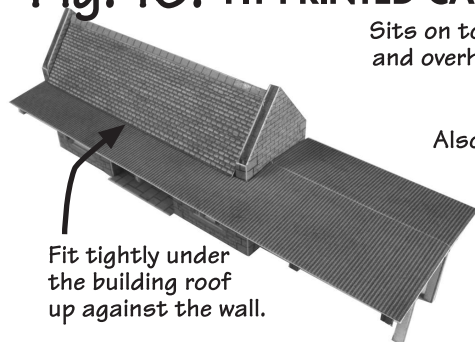


Fig. 16. FIT PRINTED CANOPY ROOF.

Sits on top of the grey roof and overhangs it equally on all edges.



Also fit the wall capping stone strips so they overhang equally at the sides.

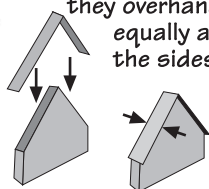


Fig. 17. FIT THE BRACKETS.

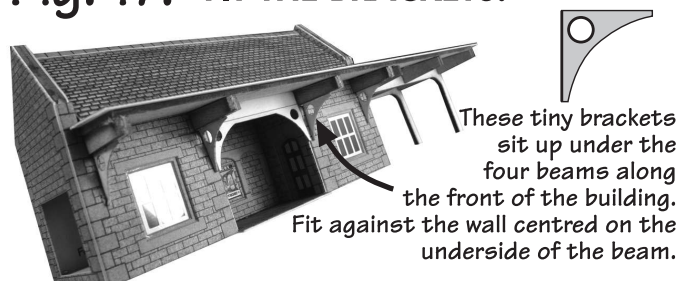


Fig. 18. THE VALANCES

Starting with the end valances, fit them to the sides of the beams pushed up against the underside of the overhanging parts of the printed roof.

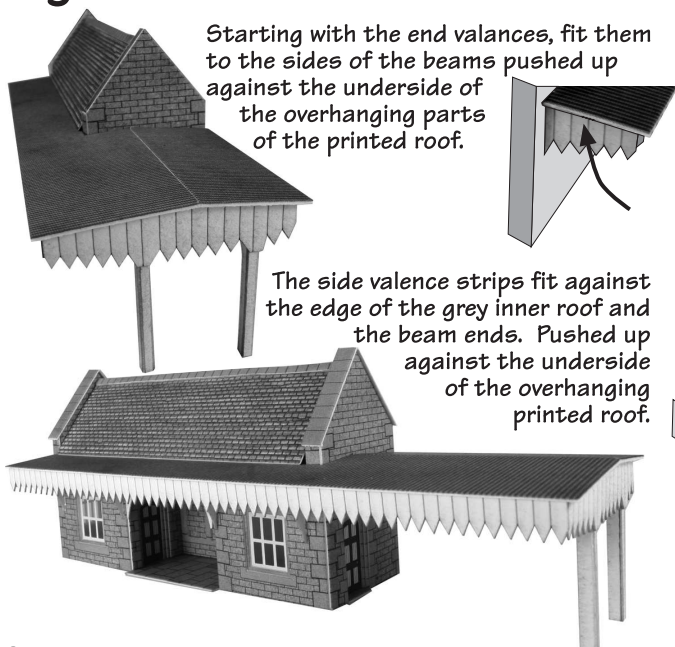
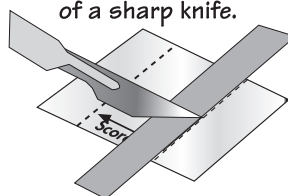


Fig. 19. THE BAY WINDOW.

Start by folding the two side sections of the bay window fully back to loosen the scorelines. Fold down the top tab and fix the side windows to it. Fit the small plain grey tab (5) inside the bottom of the bay window. Allow the glue to set fully before fitting the glazing.

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.

Use tiny card marked with + to support the roof.

