

PO239 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 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.

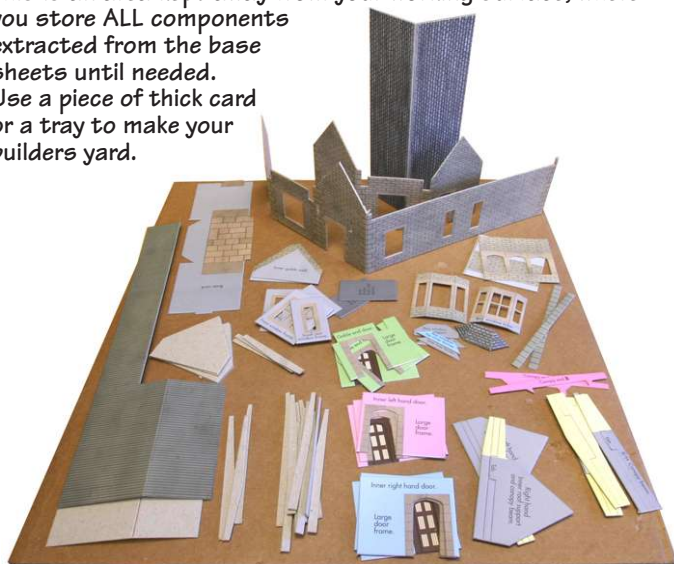
LASER CUT SHEET.

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. 14.) shows 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

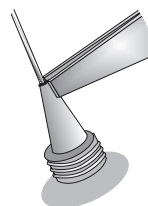
This kit pack should contain the following:

- 1 x SHEET A - Main walls and beams for building.
- 1 x SHEET B - Roofs, doors and base card.
- 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.

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.

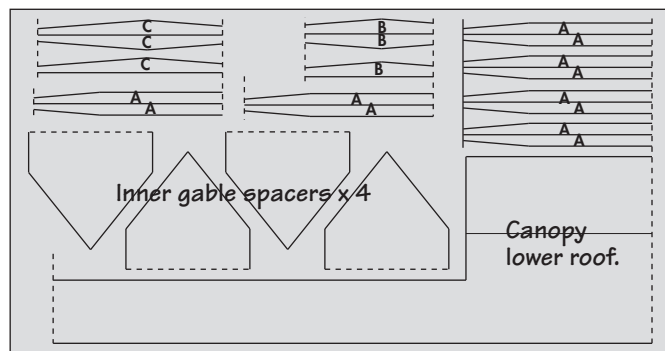
These thick card pieces are used within the kit to strengthen and thicken parts of the kit. The dotted lines indicate where you need to cut to release from base sheet.

Canopy support inner beam strengtheners

there are 12 strips of grey card shaped like this. Marked 'A'

there are 3 short strips of grey card shaped like this.

Marked 'B'



There are 3 strips of grey card shaped like this.

Marked 'C'

IDENTIFY THESE DIFFERENT STRIPS OF GREY CARD. THEN BEFORE YOU DO ANYTHING ELSE, GLUE THEM TOGETHER IN STRIPS OF THREE.

This will give you 4 sets of type 'A' inner beams and one each of the type 'B' and 'C' beams.

Place back in the builders yard until needed in Fig. 11.

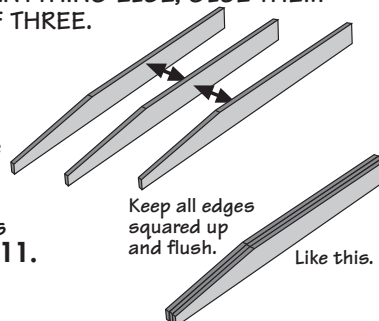
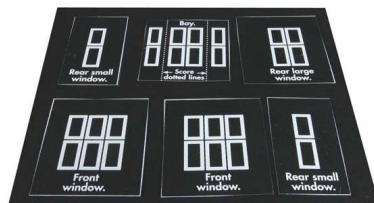


Fig. 1. THE WINDOWS.

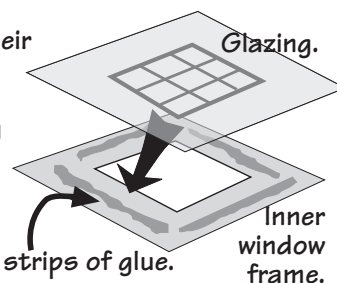
This is the fiddly bit!
Start by cutting out all
the clear plastic window
sections.

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 window is dealt with in Fig.2.



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.

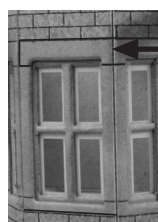
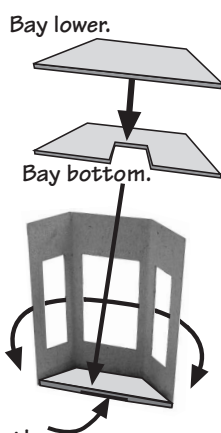
Fig. 2. BAY WINDOW.

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

Start with the
bottom inner former
with the slot cut out.
Fix the lower inner former
directly on top so
that all edges are flush.

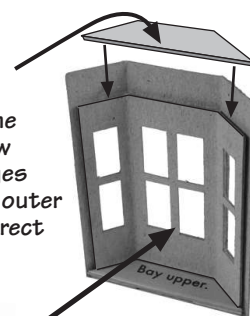
Then fold the sides of
the bay window around
the former and fix.
Hold firmly whilst
standing it on a flat
surface until fully fast.

The slot in the inner
former should be underneath



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

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



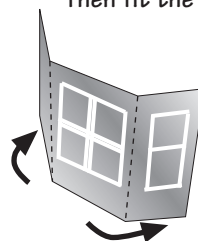
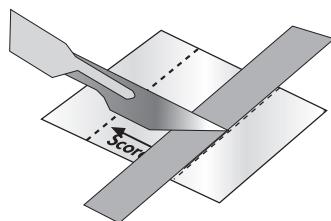
Fold bay inner
window to same
shape then fix
inside the bay.
Then fit the glazing



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.

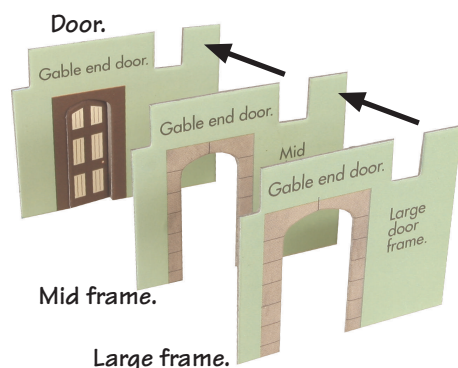


Place completed
bay window
in builders yard
until needed.



Fig. 3. DOORWAYS.

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

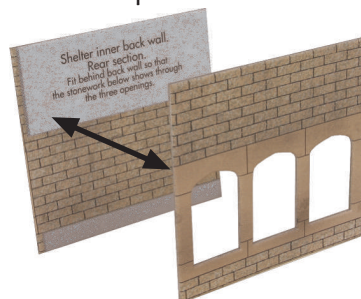


NOTE: There are
alternative coloured
doors on a separate
sheet. If you want to
fit them, now is the
time to do it.

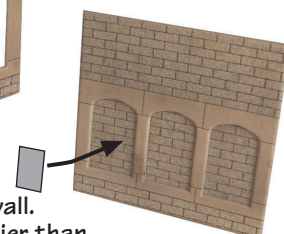
Glue each to the back of the other so all outer edges are flush.
Place all the completed door units in builders yard until needed.

Fig. 4. INNER BACK WALL.

To give this wall a little bit of a relief look,
there are two pieces that very simply stick one
on top of the other.



Like this.



HINT: If you are attaching
any of the posters to this wall.
Fit them now, it's much easier than
trying to do it when the building is finished

Now put the wall back into the builders yard
until you get to Fig. 9.

Fig. 5. FIT WALLS TO BASE CARD.

Stand the walls on a flat surface as shown and fit the base card up against the back wall and the end gable. Keep the base card and the walls flat down on your work surface until the glue has set.

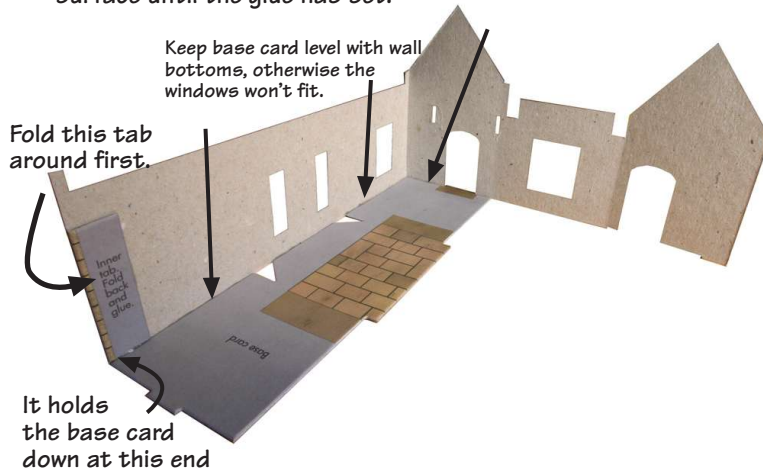


Fig. 7. FOLD AND FIT FRONT WALL.

The front and inner walls fold around so that the end of the wall fits up against the inside of the back wall. There is a small tab on the base of the wall that sits in the triangular hole in the base card.

FIT WITHOUT GLUE TO START WITH, SO THAT YOU CAN SEE HOW IT FITS AND WHICH EDGES WILL NEED GLUE APPLYING.

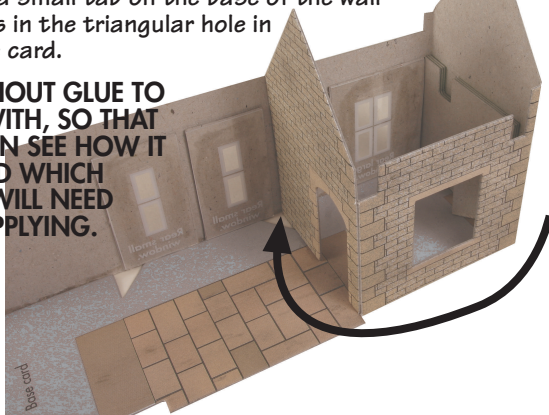
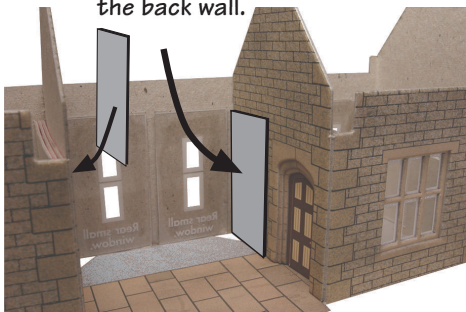


Fig. 9. SHELTER INNER BACK WALL.

Fit the two dark grey 'Inner Shelter Back Wall Spacers'

Fit one either side and pushed up against the back wall.



Then fit the inner back wall between the two inner walls and up against the two spacers.



Fig. 6. FIT REAR WINDOWS AND THE END DOOR.

Fit the door with the GREEN surround so that it sits firmly on the base card and pushed into the corner. The windows also sit on the base card positioned so they are centred sideways in the outer openings.

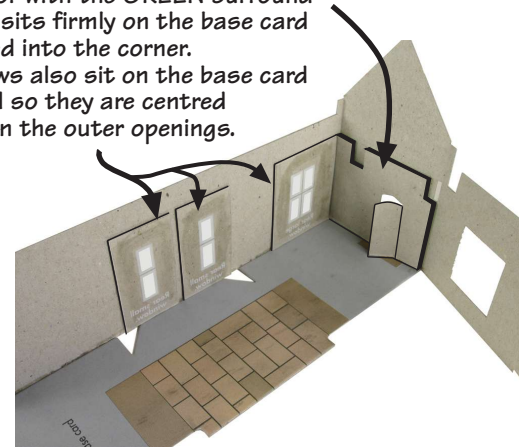


Fig. 8. LEFT HAND GABLE AND FRONT WALLS.

Start by folding the yellow tab back on the gable window opening. This fits so that the wall end is held in place against the back wall.

Here where the walls meet.

As with the other end, fold the walls around and fit into place WITHOUT GLUE so that you can see how it fits. Then apply tiny spots of glue along the wall and base ends where needed. Hold firmly until fast. **FIT THE TWO REMAINING DOORS AND FRONT WINDOWS**

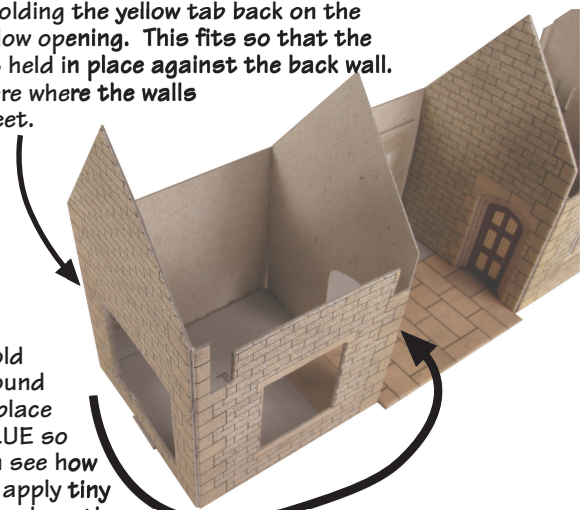
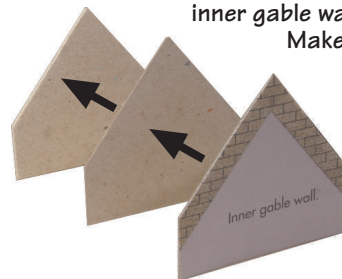


Fig. 10. GABLE WALL TOPS.

Attach two of the grey gable spacers and one of the inner gable walls together to form a solid block. Make sure all outer edges line up flush.



Then fix it on to the inner side of the gable wall so that the top edges line up flush.

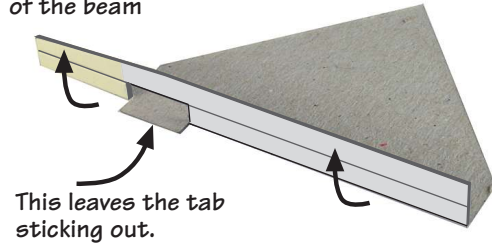
Repeat with the other end of the building.



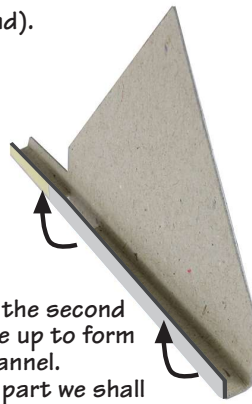
Fig. 11. CANOPY BEAMS & ROOF SUPPORTS

There are two end roof supports (Right and Left hand). They both assemble in the same way.

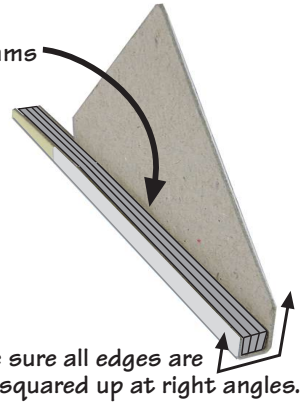
Lay face down on a flat surface and fold UP the first score of the beam



Fold the second score up to form a channel. This part we shall call the 'outer beam'

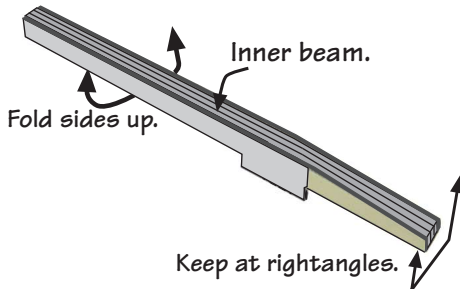


Take one of the type 'A' inner beams and fit inside the outer beam. The tapered end matching the outer beam.

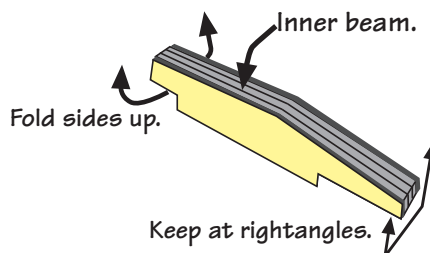


Make sure all edges are kept squared up at right angles.

The R/H and L/H canopy beams also take the type 'A' inner beams



The canopy short beam takes inner beam type 'B'



The longer yellow beam takes inner beam type 'C'

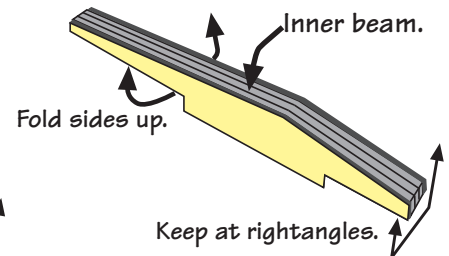


Fig. 12. FITTING BEAMS TO THE BUILDING

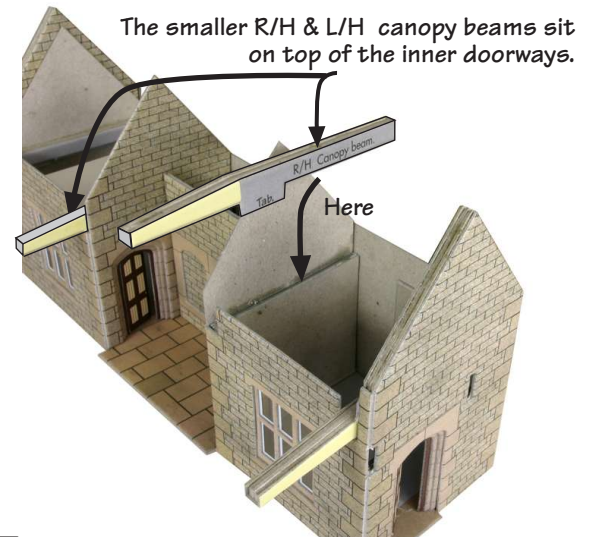
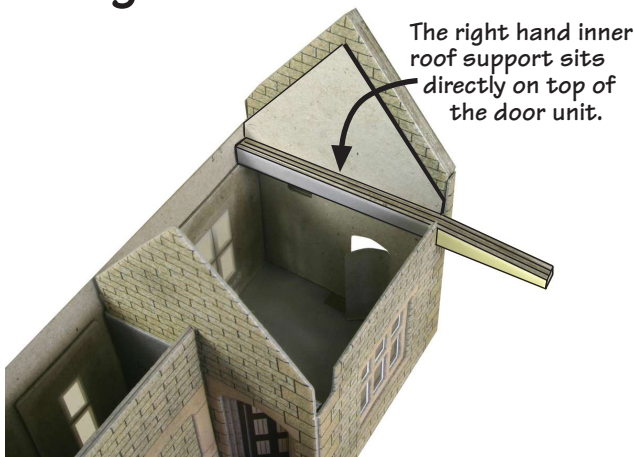


Fig. 13. FIT THE ROOF

Fitting the roof is self explanatory. But you may find it a little tight against the end walls, in which case you may need to shave a fraction off the end of the roof to make it fit. Test first before you glue.

