

# P0272/3 Low Relief Terrace Shop Fronts

# INSTRUCTION SHEET 1

## 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 or Speedbond by Deluxe.
5. Fine tip glue applicator (see below).
6. A cutting surface - a sheet of card or a cutting mat.
7. Fine point tweezers to hold the smaller components.
8. 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 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:



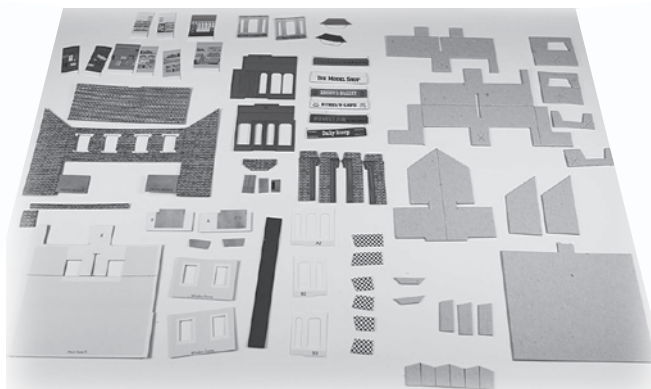
**WARNING,** Cut with care using a knife that is not too sharp, this will reduce the risk of the blade running out of the score and cutting the kit components.

### 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.

**PLEASE NOTE:** The 2 buildings that come with this kit have similar but not exact components, so to avoid getting them mixed up;

### READ THE NEXT BIT VERY CAREFULLY



Cut out the components from SHEET 'A' and SHEET 'C' and place in your builders yard. **PLAIN GREY CARDS:** See Fig.3. only cut out the components from the sheets highlighted in darker grey. Leave SHEET 'B' and the rest of the the grey card components to one side until needed.

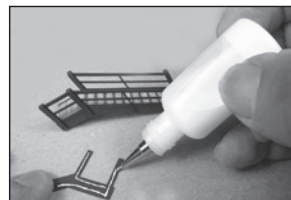
Your **WORKING** area should have a clean flat surface, and should only contain the kit parts you are working on. Don't throw anything away. Keep all off cuts and waste card in a box until the kit is finished, just in case you can't find anything, the chances are that it will be there.

## CHECK LIST

This kit pack should contain the following:

- 1 x SHEET A - Components for shop fronts. (A & B)
- 1 x SHEET B - Components for shop fronts. (C & D)
- 1 x SHEET C - Components for shop window displays.
- 1 x SHEET D - Extra bits for customisation.
- 1 x PLAIN GREY CARD 1 - Interior strengthening parts.
- 1 x PLAIN GREY CARD 2 - Interior strengthening parts.
- 1 x PLAIN GREY CARD 3 - House back strengtheners
- 1 x GLAZING SHEET.
- 1 x SELF ADHESIVE PAVING SLABS.
- 2 x INSTRUCTION SHEETS - Instruction sheet 1 & sheet 2.
- 1 x RIDGE TILE SHEET.
- 4 x LASER CUT SHEETS - 4 different coloured shop fronts coded A1, B1, C1 & D1.

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



Tiny strips or spots of glue can be Accurately laid down with precision.

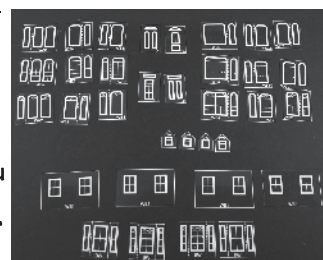


Always replace the pin after use and store the bottles upside down to keep the glue moist.

## Fig. 1. THE WINDOWS

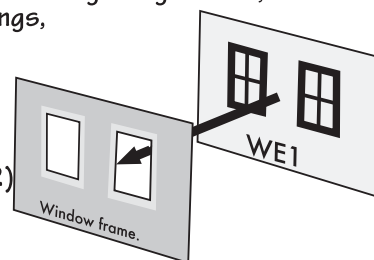
This is a fiddly bit! Start by cutting out all the plastic window sections. Cut along the thin white lines that mark them out, placing them on a dark surface so you can see them.

There are multiple options for each window type so keep them grouped together to avoid confusion.



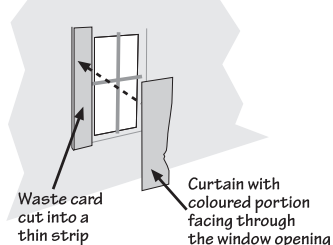
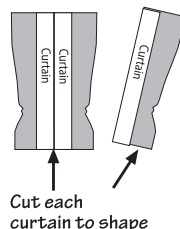
At this stage only fix the glazing coded WE1 to the pink window frames. Fix each of the glazing sheets, matt facing through the openings, to the back of the corresponding inner window frames.

If you'd like curtains add these now (see fig. 2)



## Fig. 2. CURTAINS

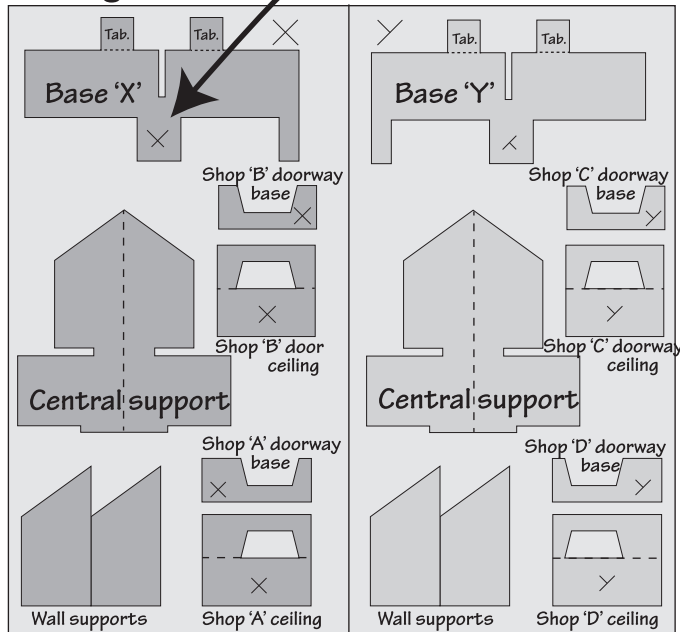
To fit curtains fix a small strip of waste card to each side of the window, then glue the curtain to the waste card so that it shows through the window (the waste card will space the curtain back from the window a little giving a greater effect of depth).



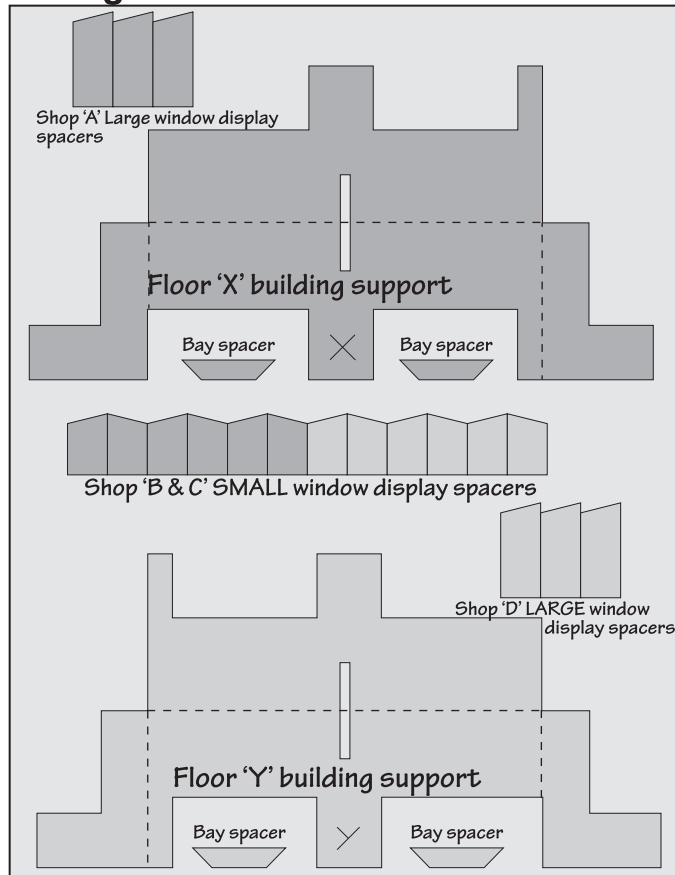
**Fig. 3. INNER WALLS & STRENGTHENERS**

There are three plain grey strengthener sheets. Start by cutting out only the items shown below in the darker grey and make sure you get all items marked with an 'X'

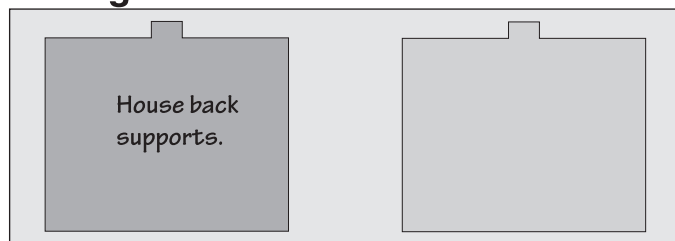
**Strengtheners 1**



**Strengtheners 2**

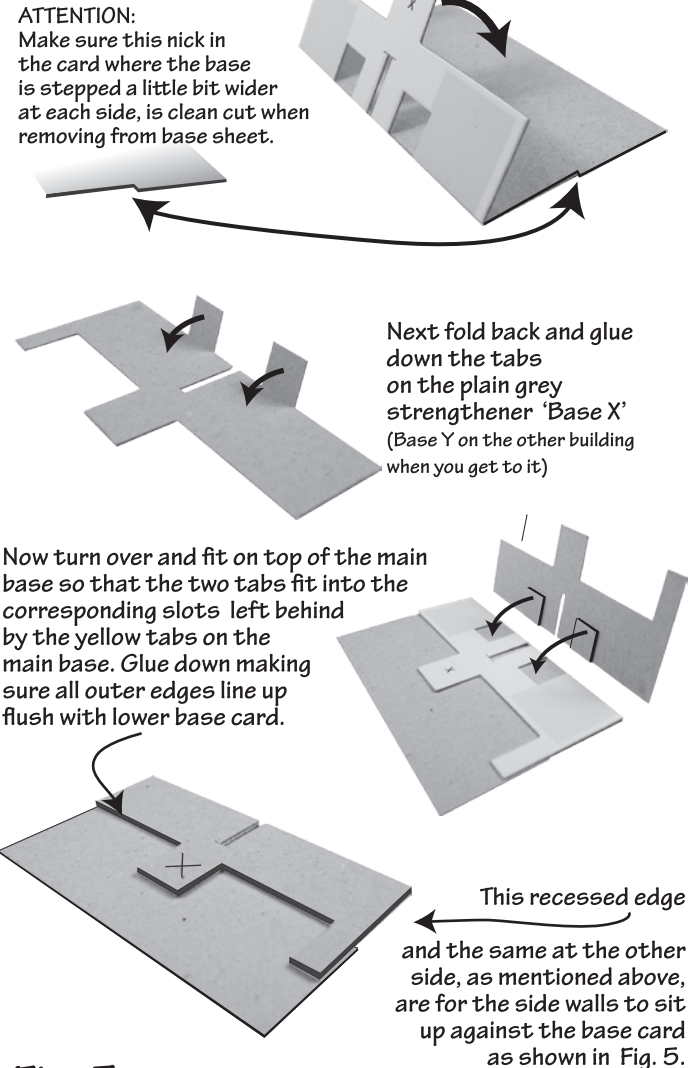


**Strengtheners 3**



**Fig. 4. THE BASE**

Remove the yellow tabs from the pink Main Base X and fold on the scoreline back onto itself and glue down into position.



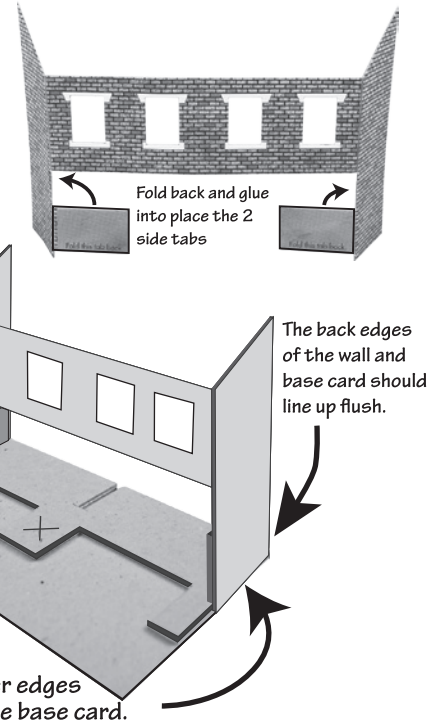
**Fig. 5. THE MAIN WALL**

First fold back the inner tabs and glue into place.

The main wall then 'straddles' the base. The outer walls fit snugly into the recessed areas on the sides of the base (described above).

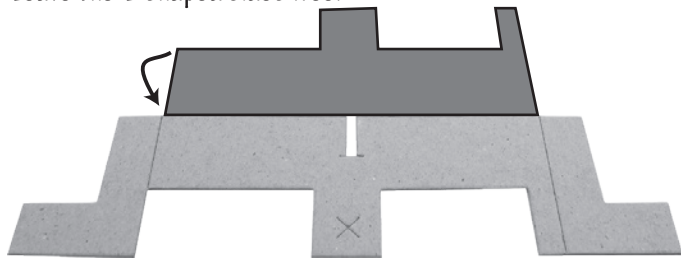
The bottom edges of the inner tabs should sit firmly down on top of the base card.

The bottom edges of the side walls should now be standing on your work surface with the inner edges pushed tight in against the base card.



## Fig. 6. MAIN BUILDING SUPPORT

Fold the area shown below (marked in dark grey) back and onto itself and glue into place making double thickness. Leave the 'L' shaped sides free.

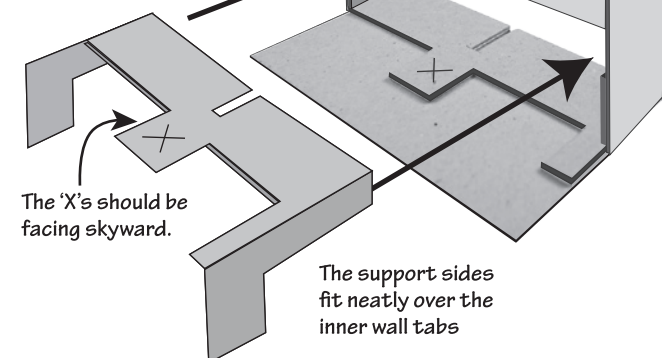


Like so!

The 'L' shaped sides fold down at right angles and the whole unit is slotted into the building from the front as shown.

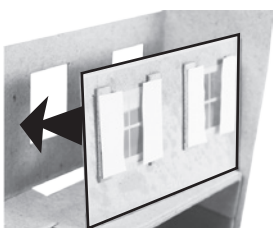
Push in until the 'L' shaped sides meet the inner tabs.

Test without glue first, then when fixing only glue the area directly above the tabs



This is a tight fit and you will need to very gently apply even pressure across the whole support to get it into position.

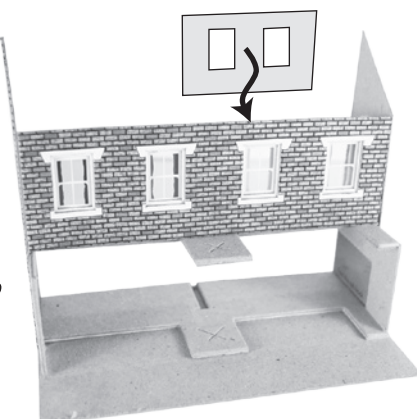
## Fig. 7. UPSTAIRS WINDOWS



Carefully align the inner window frames with the outer window frames.

Now put aside the building shell and move on to the shop window displays.

Next, fix into place the upstairs windows. If you haven't done so already, glue the glazing (WE2) into place on the window frames and add any curtains that you want. (Figs. 1 & 2)

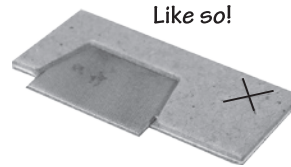


## Fig. 8. SHOP DISPLAY 'A'

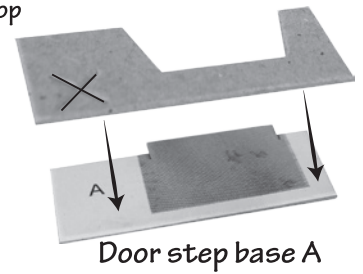
Read through this whole section before building to get the overall picture.

Attach the GREY 'Shop 'A' doorway base card (marked with 'X') directly on top of the printed 'Door step base A' card.

Make sure all outer edges line up flush



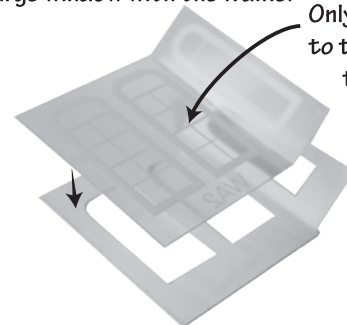
Like so!



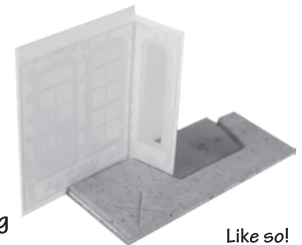
Door step base A

Next fix the glazing WA2 to the shop display inner frame A2. You have a choice of glazing styles.

Lightly score the glazing along the dotted line, then align the large window with the frame.



Only glue the main front window, to the frame with only the tiniest spots of glue leave the side window free

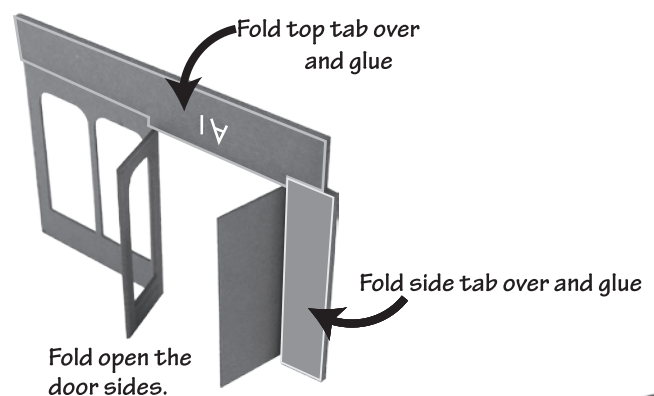


Like so!

Use the door step base as a guide to get the correct bend angle for the frame and glazing before gluing the side window into place.

**DO NOT GLUE TO THE BASE** at this stage.

The laser Cut shop front A1 is needed next. Check that all the score lines are deep enough and fold easily before you move onto the next step, gently run your knife along the scorelines if needed. Then fold over the top and side tab and glue into place.

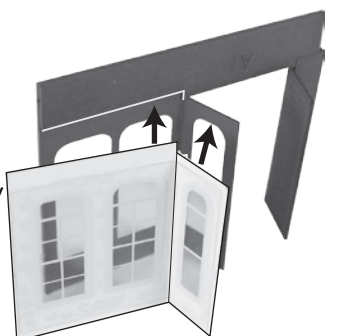


Fold top tab over and glue

Fold side tab over and glue

Fold open the door sides.

Now attach the inner frame (A2) with the attached glazing into place on the outer frame (A1). There is a groove that the frame sits snugly into so very little aligning is needed. Again you may want to use the base as a guide to set the side window at the correct angle while the glue sets.

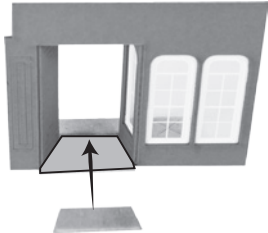




## Fig. 8. SHOP DISPLAY 'A' cont.

Before moving onto the next step make sure that the inner frame and the glazing are all flush with the outer frame. If needed trim the edge now. (Else the display won't fit correctly in the building later)

Make sure that the glazing or inner frame DOES NOT overlap the main outer frame along this edge.

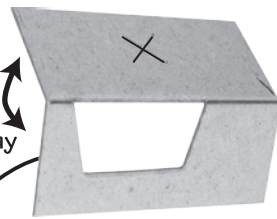


Now glue the whole frame to the base.

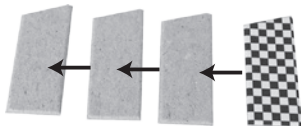
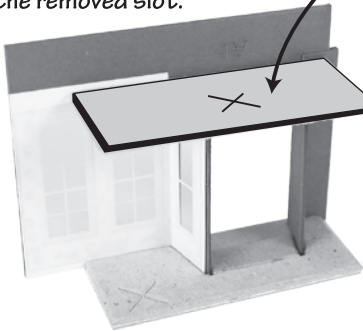
Then fix the doorstep into place, this also helps in keeping everything in place while the glue dries.

Fold and glue the two halves of shop 'A' Ceiling Strengtheners back to back.

Then glue to the top of the doorway of the display, 'X' facing skyward and the doorway fitting into the removed slot.



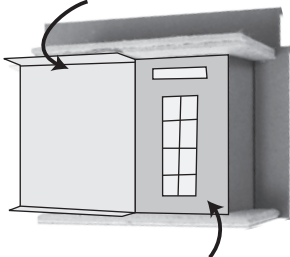
Like so!



Align and glue 3 LARGE window display spacers together, topping them with window display top.

Fix the display top underneath the window and flush with the doorway.

Next glue a window display of your choice into position, flush against the display top.



Then fix a door of your choice into the doorway. If your door of choice needs glazing, fit the glazing now.

Carefully align the door within the doorway.

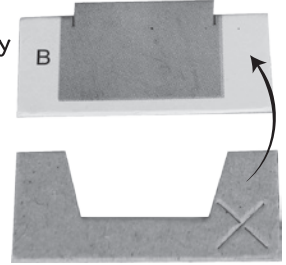


## Fig. 9. SHOP DISPLAY 'B'

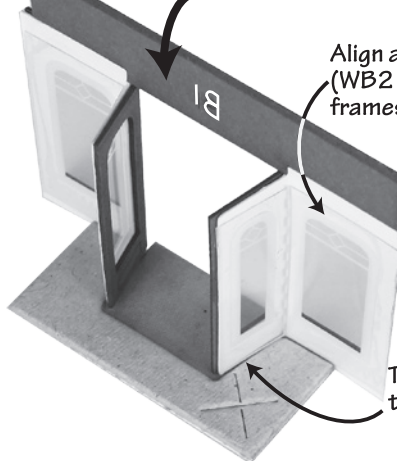
This display goes together in much the same way as the previous display and so I won't go into as much detail in its construction.

Attach the GREY 'Shop 'B' doorway base card (marked with 'X') directly on top of the printed 'Door step base B' card.

Make sure all outer edges line up flush



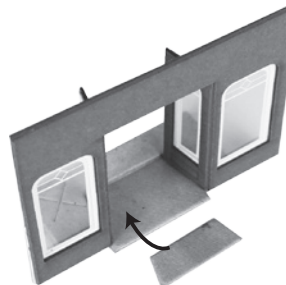
Next fold over the top tab on the **B1** outer shop display frame



Align and glue the glazing (WB2 & WB3) to the inner frames B2 & B3 respectively

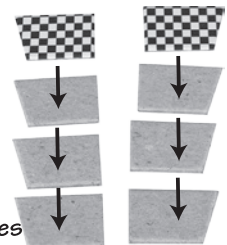
Glue into place the inner frames to the outer frame. Again make sure that the edges are flush with the outer frame

Then glue the whole frame to the base.



Position and glue into place the door step.

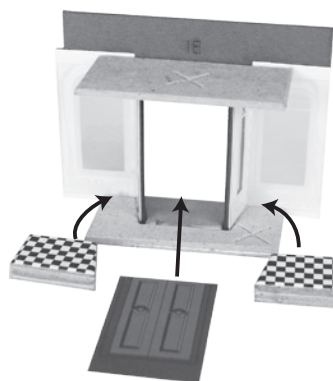
Align and glue together 2 sets of 3 small spacers each set topped with your choice of display top. Make sure you have 2 sets that are mirror images of each other.



Fold the shop 'B' ceiling strengthener over and glue into place above the doorway.

Position and glue the display tops into place.

Then fix a door of your choice into place. Again add any glazing beforehand.

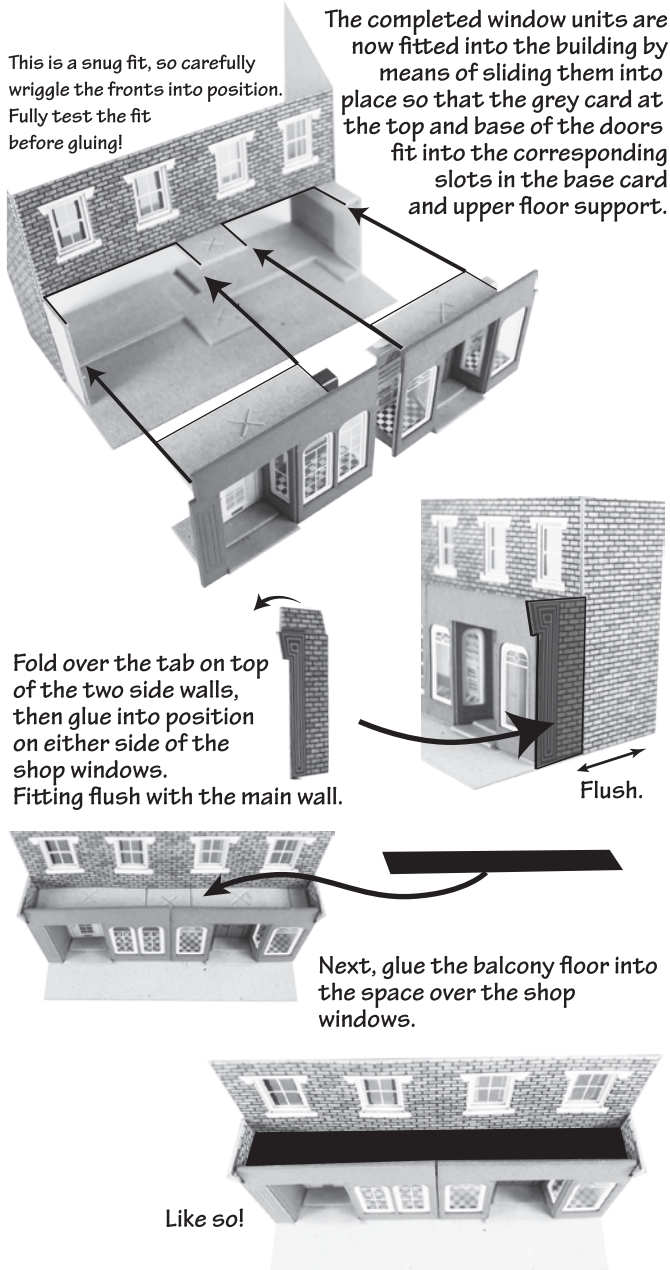


Then glue into place a set of window displays. Again make sure that they are flush with the edge of the display tops.



# PO272/3 Low Relief Terraced Shop Fronts

Fig. 10. FIT THE WINDOW UNITS.



# INSTRUCTION SHEET 2

Fig. 11. INNER STRENGTHENERS.

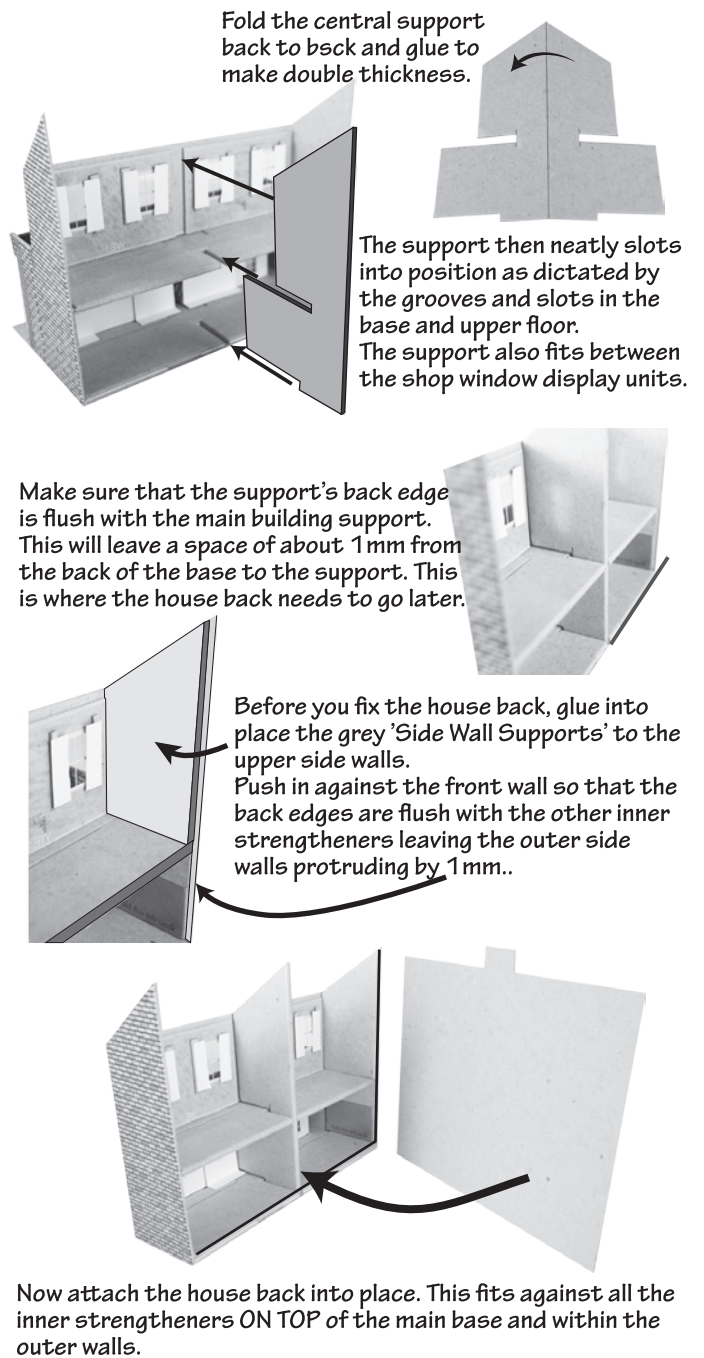
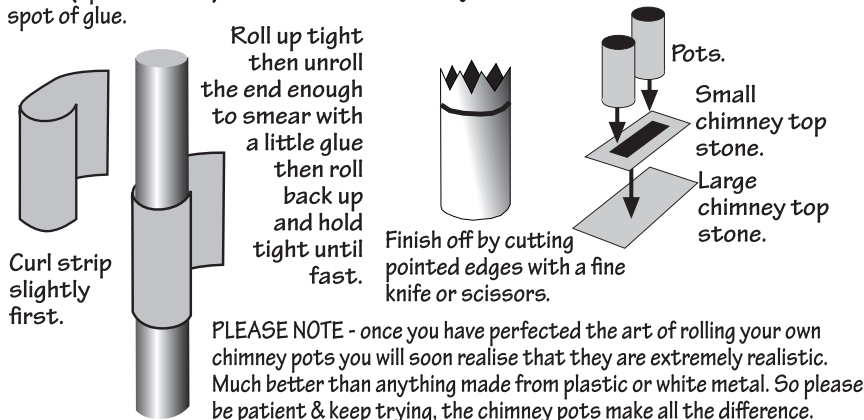
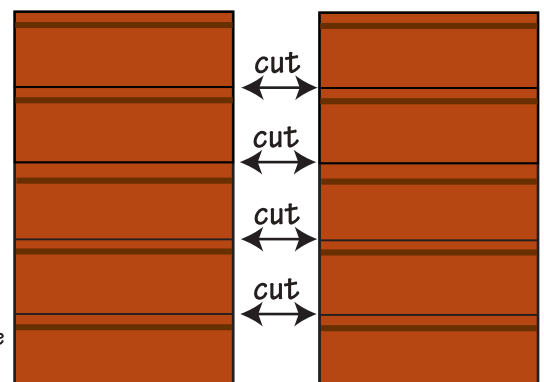


Fig. 14. CHIMNEY POTS.

Cut into strips then roll tightly around a nail or screw (apx. 4mm dia.) and fix the end with a tiny spot of glue.



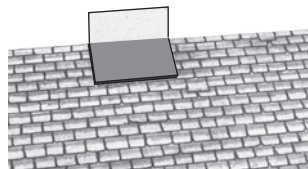
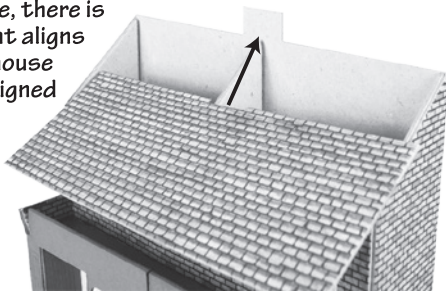
Chimney Pots (fig. 14)





## Fig. 12. ROOF & CHIMNEY.

Fix the roof into place, there is a nick on the roof that aligns with the tab on the house back. With the tab aligned and the roof edges flush with the walls glue into place.

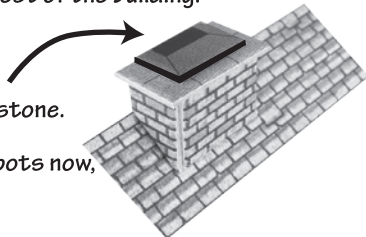


Next glue the chimney spacer flush against the house back tab.

Fold the chimney stack around the spacer and flush with the back of the building.



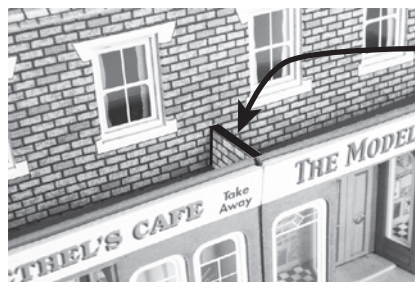
Then glue the chimney top stones into place, first the larger one, also keeping the back flush with the rest of the building.



Lastly the smaller top stone.

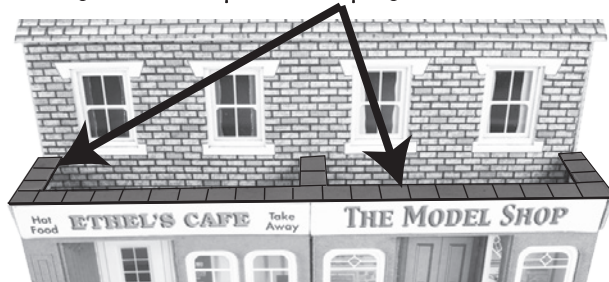
If you like add chimney pots now, see fig. 14.

## Fig. 15. FRONT WALLS.



If required fold in half the centre balcony wall and glue into place at the centre of the balcony behind the signs.

Next, cut the balcony capping stone strips to size and glue to the top of the shop signs and side walls.



Cut to size the strip of front wall and glue into place underneath the window displays.



## Fig. 13. SIGNS.

Fold over and glue into place the tab on the back the sign of your choice.



Then position the sign above your chosen shop window. The sign fits snugly against the side wall.

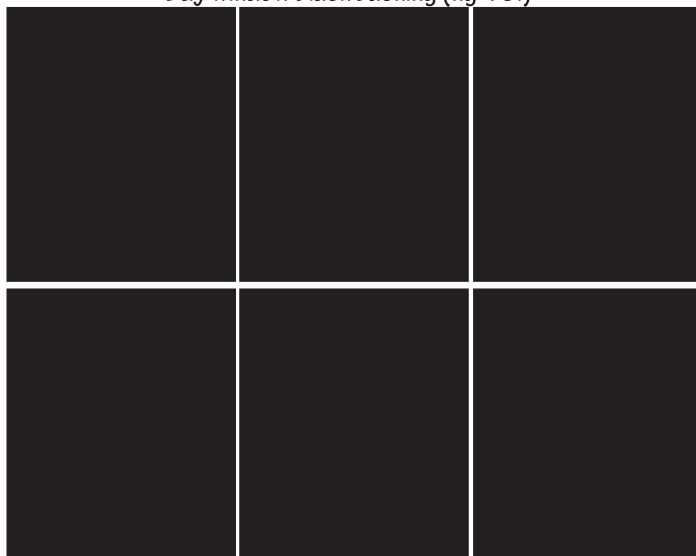
Repeat the process with the adjacent shop.



If you like, add some front wall capping stones to the front wall, this is a bit fiddly as the card is thin.

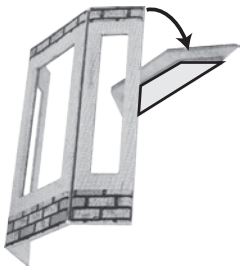


Bay window black backing (fig 16.)



## Fig. 16. BAY WINDOW.

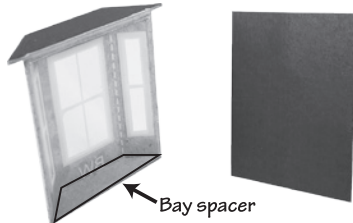
The bay window is an optional extra designed to stand on top of the balcony covering the windows in the front wall (see photo on back page).



First, fold over the rear tab of the bay window roof, and glue into place.

Then wrap the bay window around the small tab on the underside of the bay window roof.

Then add the bay window glazing (BW), carefully scoring the dotted line so that it conforms to bay window frame.

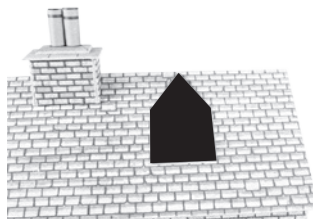


Next, glue the bay spacer into place to help keep the bay window's shape.

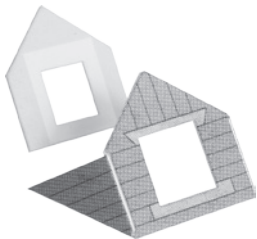
Finally, glue a square of black backing to the back of the window, this covers the brickwork behind when attaching it to the shop front.

## Fig. 17. DORMER WINDOWS.

First off, carefully align and glue into place the dormer spacer onto the roof. In order to keep the dormer roof level with the shop roof, position the 'point' of the spacer about half a mm. below the apex of the main roof.



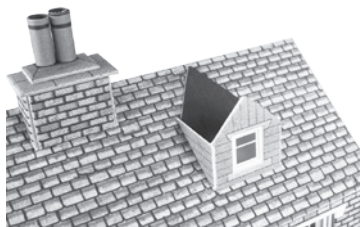
If you prefer you can construct this dormer on a flat surface then glue the whole thing onto the roof.



Align and glue into place the dormer glazing (DW) to the dormer frame.

Then fix the dormer frame to the dormer front.

Wrap the dormer around the spacer. Line up the points of the dormer sides to the base of the triangular point of the spacer.



Lastly attach the dormer roof to the ensemble.

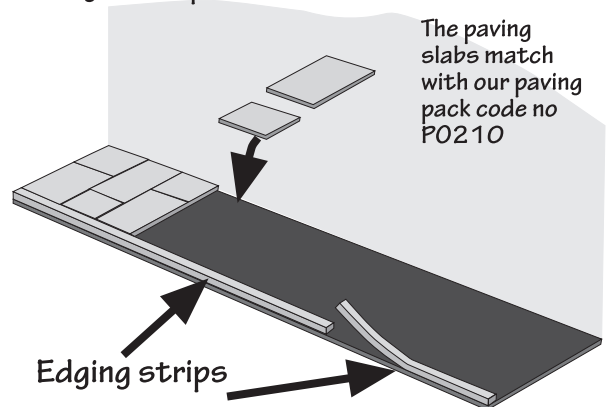
## Fig. 18. PAVING.

There is a sheet of self adhesive paving slabs in this kit. Peel off the individual slabs from the backing sheet and stick them in place on the brown base area in front of the houses. Start by attaching the thin edging strips, flush along the front edge of the base. Then lay the flags as shown - one full and one half flag on each row. To cover the whole width in front of the houses (if you have attached both buildings together as in Fig. 19.) should take 31 rows depending on how tightly you lay them.

You may need to trim some slabs down to make them fit. NOTE: It is recommended that you place tiny spots of glue under edging strips and slabs for a permanent adhesion.

ALTERNATIVELY:

If you prefer, you can use the alternative street paving strips on sheet C. Simply cut to the desired length, fold over and glue into place.



## **SHOP FRONT 'B' (fronts C & D).**

The second shop building is an exact mirror image of the first building.

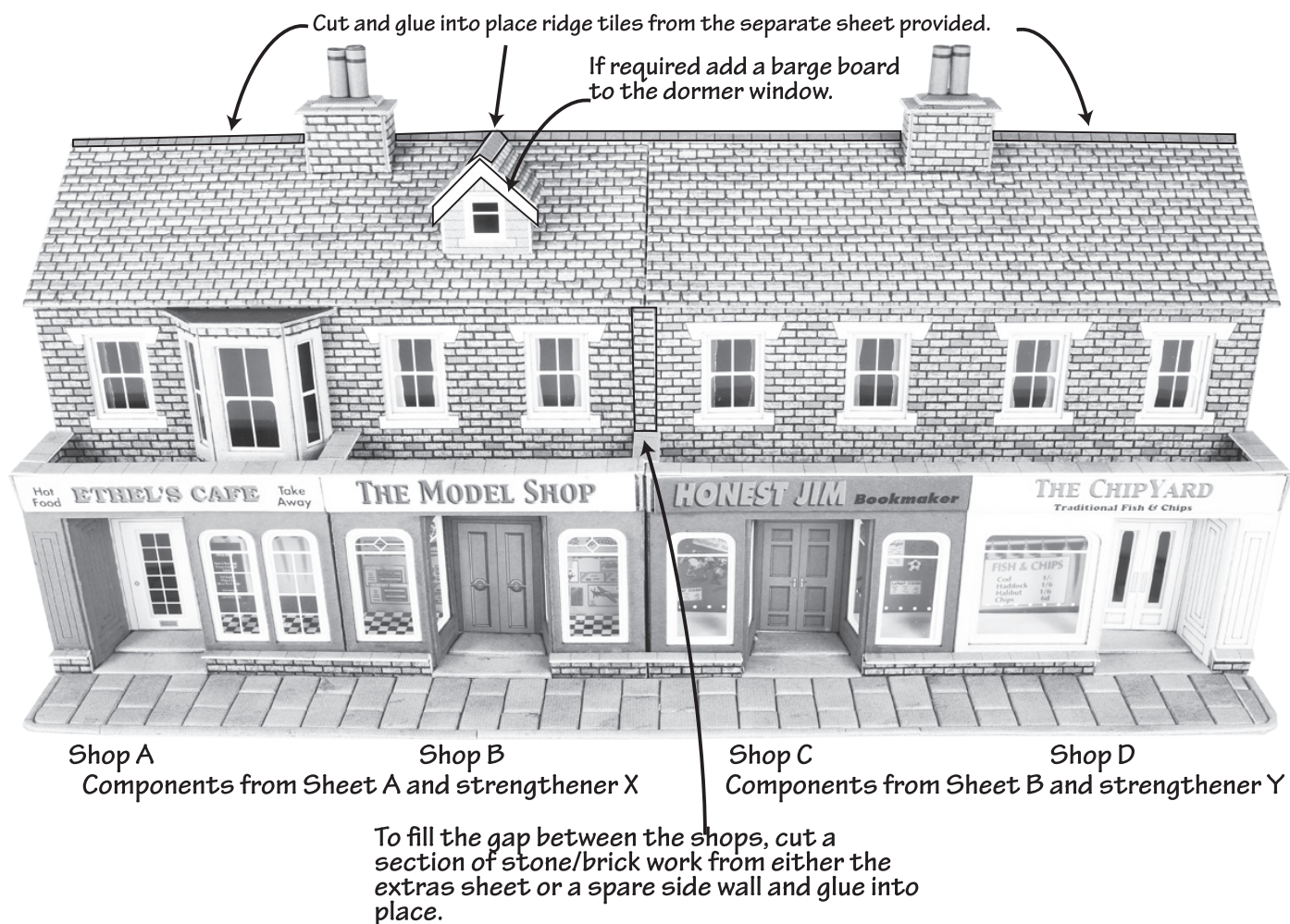
Now extract all the remaining components from the backing sheets and place in the builders yard and start all over again.

Follow the same instructions for this second building. Substitute all references to SHOP A, frames, glazing etc for SHOP D, likewise SHOP B for SHOP C, and also STRENGTHENER 'X' for STRENGTHENER 'Y'.

See the foot of the picture in Fig. 19 Finishing touches, for which shops are which.



Fig. 19. FINISHING TOUCHES



## PO572 ARCADE ENHANCEMENT KIT (not included in this kit)

To add an arcade front and hanging signs to your shop fronts you can purchase an enhancement mini kit (code P0572). This beautiful laser cut kit contains a canopy that can be constructed to span both house 'blocks' that are in this kit or each house 'block' individually. Also included are 4 different types of hanging sign with sign artwork that match to the shops included with this kit.

Oval and rectangular signs are included for variety.



The canopy is exactly the same width as the shops and whether you use the paving slabs or the paving strip from the extras sheet will be the exact height to fit snugly against the sign boards.

