

## 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 Bostik Clear Adhesives are best. Plastic Glue for the steps. Make sure you get the tubes with the narrow nozzle for easy application.
5. A cutting surface - a sheet of card or a cutting mat.
6. Tweezers to hold the smaller components.

### PLEASE NOTE

Each component is fastened to the sheet by means of a score line. These are cut lines that have only gone about three quarters of the way through the card.

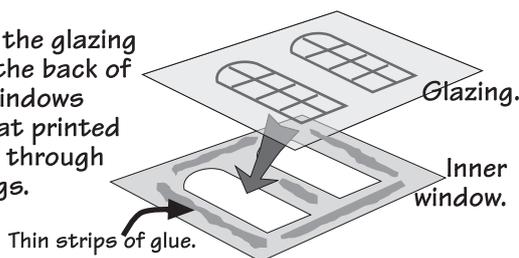
To detach each component from the sheet, locate the score line (usually indicated with blue arrows) and run the point of a knife carefully along the scoreline until the part is free from the backing sheet.

**CAUTION** - be very careful when running the point of your knife along these score lines, it is easy to run out of the groove and cut something you shouldn't.

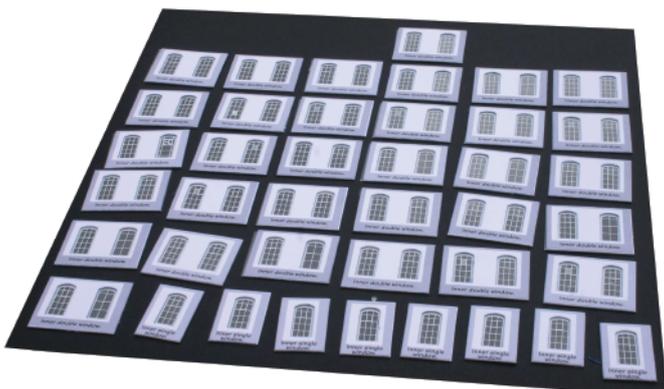
### Fig. 1. WINDOWS.

There are an awful lot of windows in this kit, so before you do anything else, extract all of the inner windows from Sheet C. There are 32 doubles and 8 single window units, then cut out the clear corresponding clear glazing.

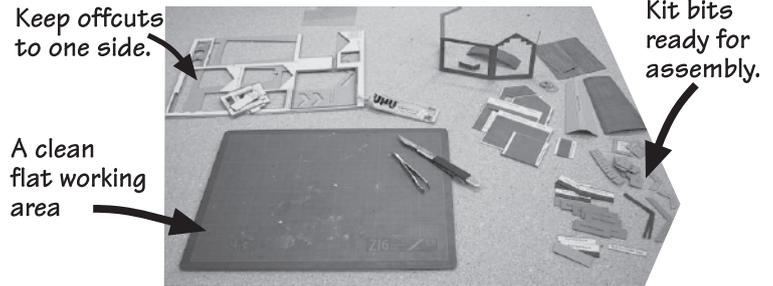
Fix each of the glazing sheets to the back of the inner windows with the mat printed side facing through the openings.



Lay out all the window units on a sheet of card so that you don't lose them. Place to one side until needed.



## Your Work Surface



Keep it tidy. When you have extracted all the components from the sheet, place them in neat piles, FACE UP on sheets of thick card, so you can move them around as needed. TAKE CARE WITH SMALL COMPONENTS PLACE MULTIPLES IN PILES TOGETHER. DON'T THROW ANYTHING OUT. Offcuts can come in handy for bracing etc. and it also reduces the risk of accidentally throwing anything away.

### CHECK LIST

This kit pack should contain the following:

- 1 x SHEET A - Front gable wall with doors etc.
- 1 x SHEET B - Rear gable wall without doors and bridge.
- 1 x SHEET C - Inner windows and roof.
- 1 x GREY SHEET A - Inner strengthening components.
- 1 x GREY SHEET B - Back walls etc.
- 1 x GLAZING SHEET.
- 2 x INSTRUCTION SHEETS.
- 1 x Ridge Tile Sheet.

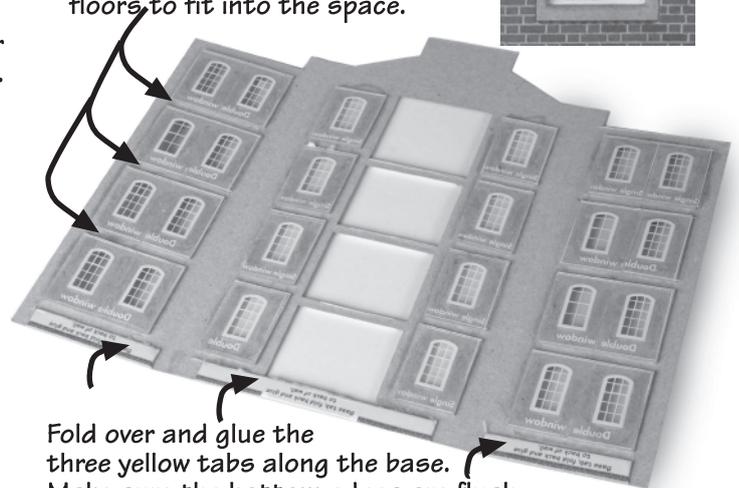
### Fig. 2. FRONT GABLE.

Starting with the front gable wall, fold the three yellow tabs along the bottom edge and glue them to the back of the walls.

Next, fit the inner windows to the back of the openings making sure that the inner window frame is centered on all edges in the outer opening.



It is important that you take care fitting the inner windows, there needs to be a gap between each one that allows the inner floors to fit into the space.



Fold over and glue the three yellow tabs along the base. Make sure the bottom edges are flush.

The windows are now beautifully recessed and give the walls a much more solid appearance.

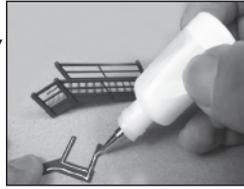
## METCALFE

### 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.



## GLUES

### UHU Solvent Free All Purpose Adhesive Glue

Works superbly well in our fine glue applicators. Dries quickly, but allows time for positioning of kit parts as described further on in the instructions.

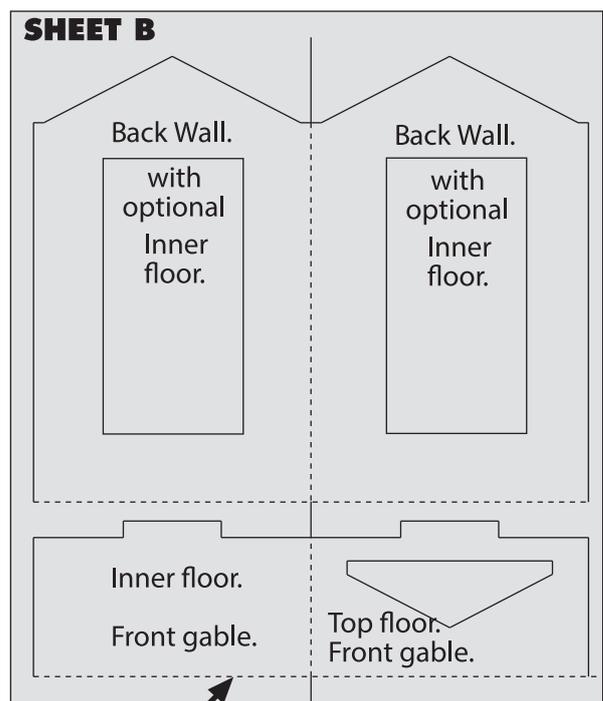
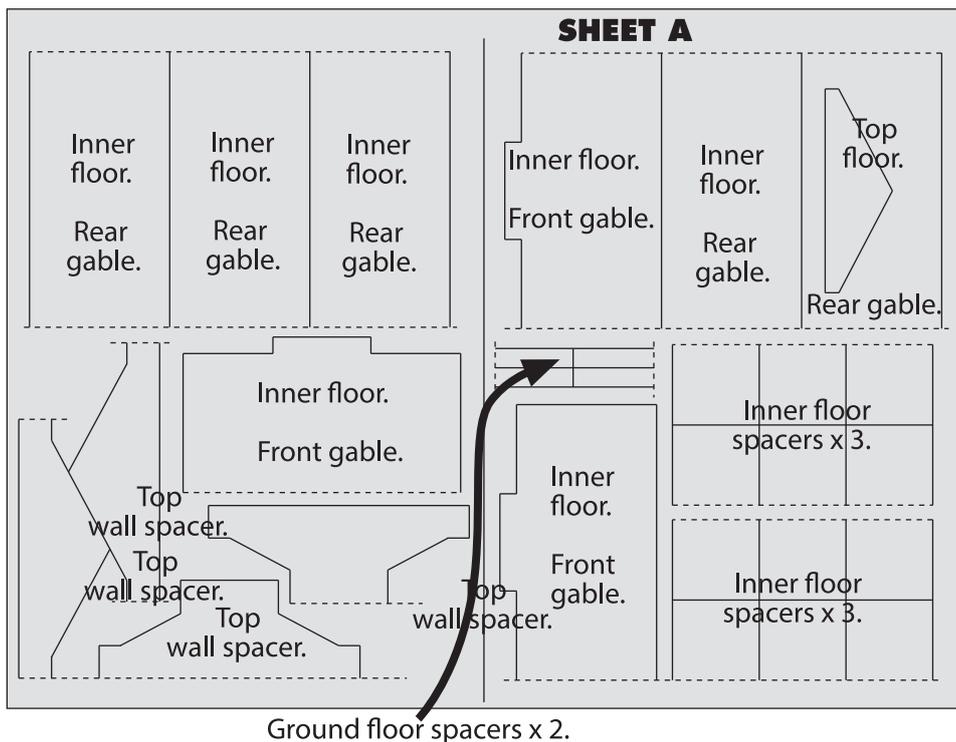
Also Deluxe Materials 'SPEEDBOND'

A fast drying PVA.

see [www.deluxematerials.com](http://www.deluxematerials.com)

## GREY CARD STRENGTHENERS.

The thick grey cards contain the inner floors and strengtheners that hold the building together.



Cut the dotted lines shown to extract components from sheet.

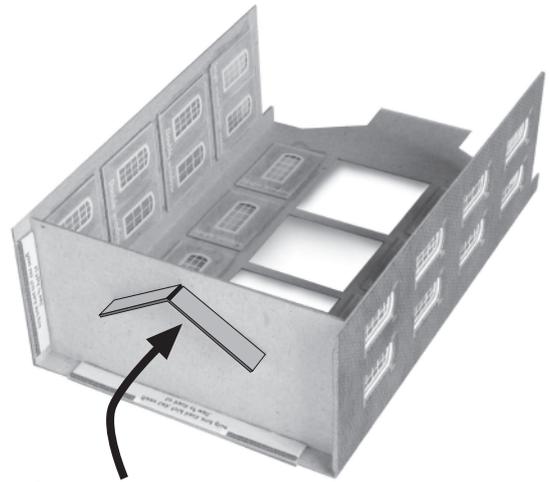
### Fig. 3. INNER FLOORS.

There are four inner floors shaped like this.

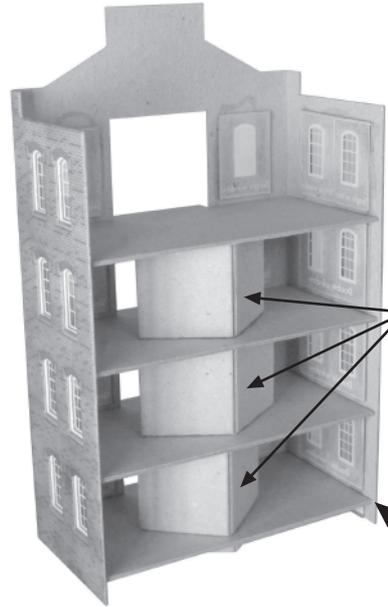
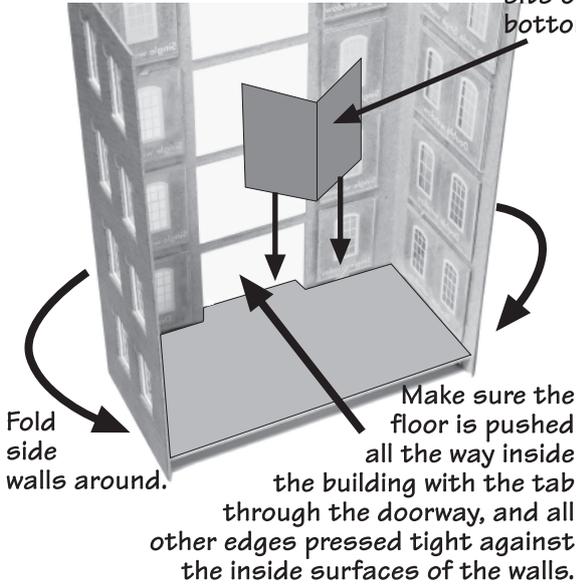
Starting with the ground floor, fold the side walls around and fix the floor so it sits on top of the yellow tabs with the floor tab sitting on top of the doorway bottom edge.



This floor spacer sits on top of the bottom floor.



The grey ground floor spacer folds to a 'V' shape and is fixed to the underside of the ground floor.



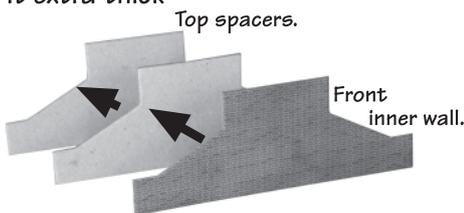
The next three grey card floors slot in to the building in the same way. Note the spacers standing between each floor. These hold the floors at the correct height.

Make sure each floor is pushed tight inside the building so that the back edge sits just over 1mm inside the walls. This is to allow the back wall to fit flush inside the building.

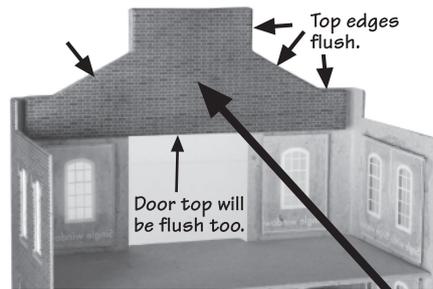
### Fig. 4. FRONT INNER WALL.

Before the top floor is fitted, the inner wall must be attached.

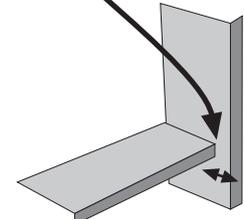
The front wall has two grey spacers that fix to the back of it to make it extra thick



Glue the three pieces together FLUSH on all edges.



Fit inside the building so that the top edges are all flush with the outer wall.



1.25mm same thickness as the grey card back wall.

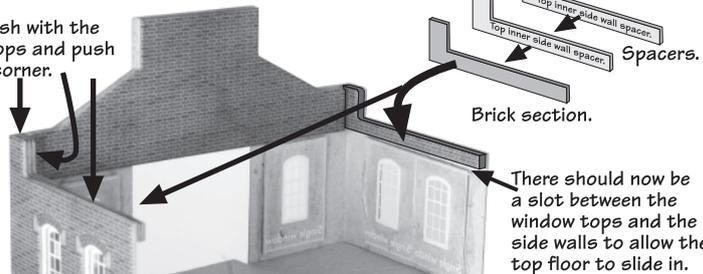
### Fig. 5. SIDE INNER WALLS.

These fit to the top of the two side walls to give them extra thickness for the top stone strips to stand on.

Each set is made up with two spacers fixed to the back of the 'L' shaped brick section.

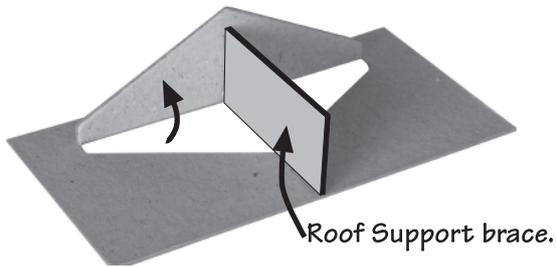
NOTE: The spacers are GREY. Not blue as described on sheet 'A'

Fit flush with the wall tops and push in to corner.



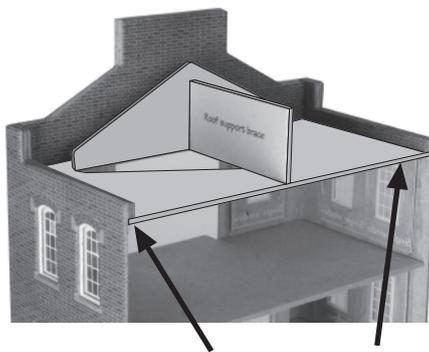
## Fig. 6. TOP FLOOR.

The top floor has a roof support tab that folds upwards, and is held at a rightangle using the roof support brace.



## Fig. 7. FITTING THE TOP FLOOR.

Slide the floor into the building. Push tight against the outer walls so the tab fits through the door opening.



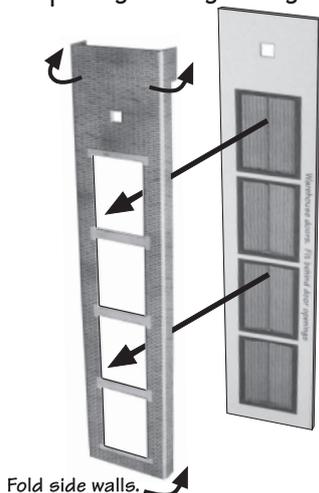
The front of the building should now look like this with all the floor tabs sticking through the doorways in exact alignment.



Fix the floor UP to the undersides of the inner walls and door top. This will ensure that the roof support is set at the same height as the back wall.

## Fig. 8. DOOR SECTION.

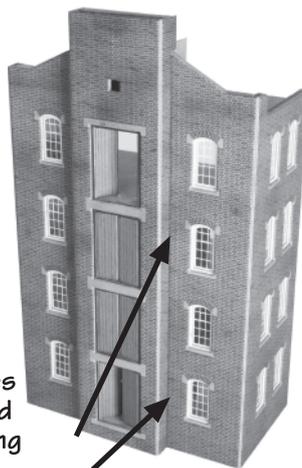
Fold the sides of the brick door openings at right angles.



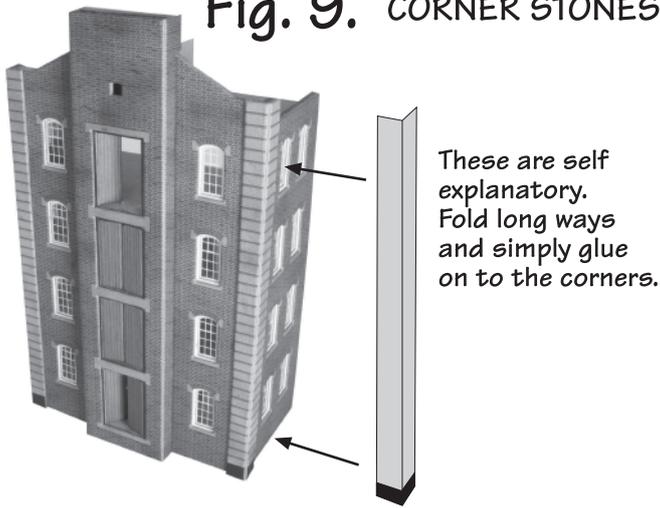
Fix the doors to the back of the openings.

When fast fit the whole unit to the building with the sides folded around the protruding floor tabs.

Push wall ends tight against the front of the main building.



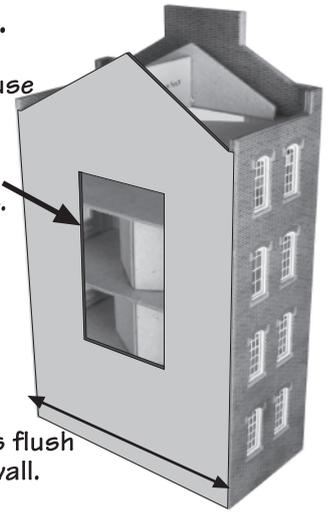
**Fig. 9. CORNER STONES.**



**Fig. 10. BACK WALL.**

If you are building the warehouse as a stand alone structure, then you will need to cut out the extra inner floors located in the centre of the back walls. These are used later in fig. 13

The back wall sits inside the building against the inner floors and flush with the side wall ends.



**Fig. 11. WALL TOP CAPPING STONES.**

Taking time to fit the coping and capping stones makes a world of difference to the look of the building. All the stone strips are cut to the correct length and fit as shown below.

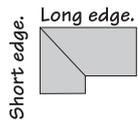
**CAPPING STONES**

When extracting components from the main sheets, it's a good idea to put all the capping stones on a small sheet of card outside your working area so that you don't lose them.

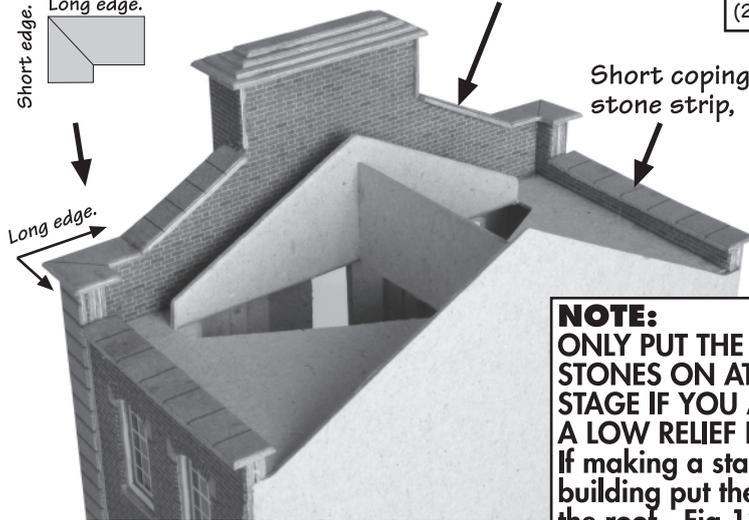
There are:

- 2 x very small strips for the front sloping wall (26mm. long)
- 4 x short strips (52mm. long) for the gabled buildings side walls.
- 2 x long strips (56mm. long) for the single side walls.
- 4 x corner stones (2 R/H and 2 L/H)
- 1 x Rear gable top coping.

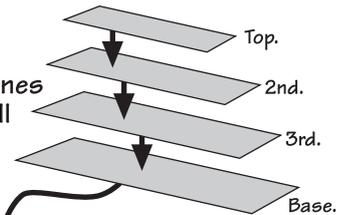
Corner capping stone



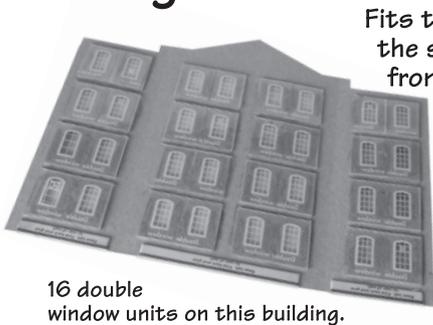
Very short coping strips (located on card in the doorways Sheet 'A') Fit before corner stone.



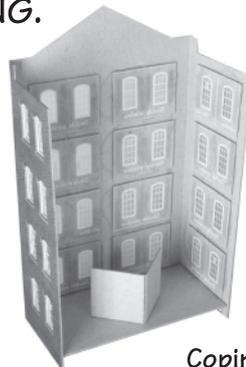
Stepped capstones for top front wall (over doors).



**Fig. 12. REAR GABLE BUILDING.**



but without the doorways.

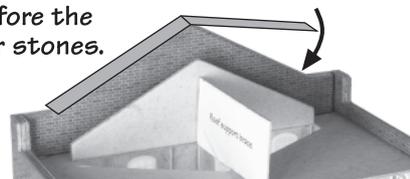
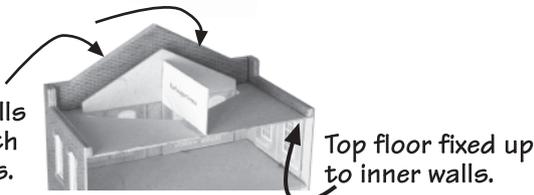


Inner floors slot in between the windows with the spacers holding each floor at the correct height.



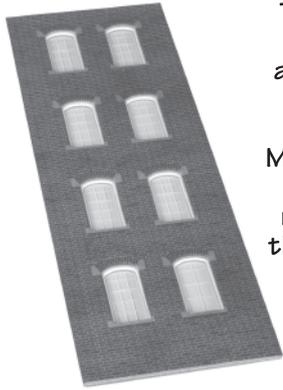
Coping stone strip fits in one piece over the end wall. Fit before the corner stones.

Inner walls flush with wall tops.



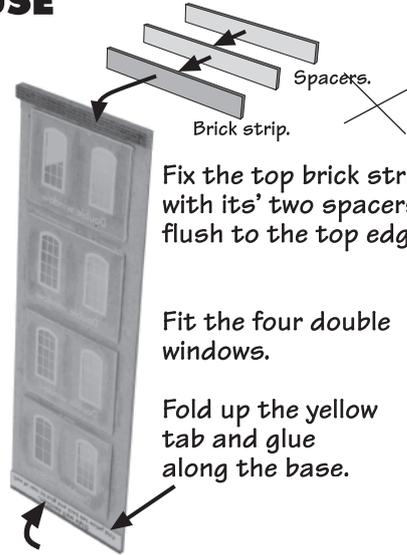
# PO282 00/HO WAREHOUSE

## Fig. 13. SIDE WALLS.



The two side walls can be used for a number of things as you will see.

Make them up in the same way as the main building with the double windows.



Fix the top brick strip with its' two spacers flush to the top edge.

Fit the four double windows.

Fold up the yellow tab and glue along the base.

## Fig. 14. MAKING THE STAND ALONE WAREHOUSE.

IF YOU ARE MAKING A LOW RELIEF VERSION, GO TO Fig. 15

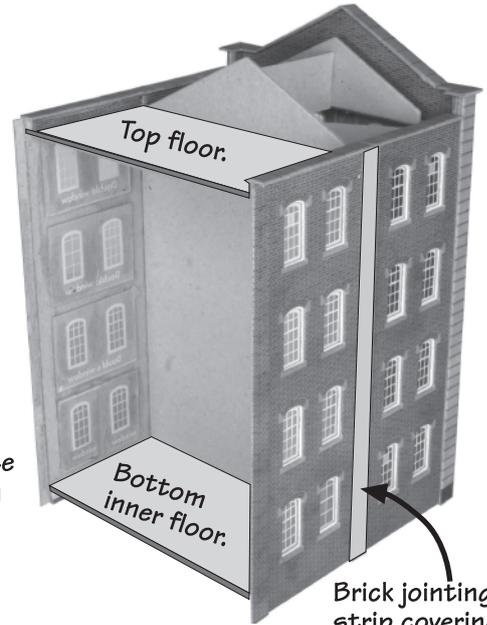
By now, the two gable buildings are complete except for the roof. The two side wall sections can be used to lengthen the building.

To fix the side wall sections to the building. First attach the Brick jointing strips to the wall

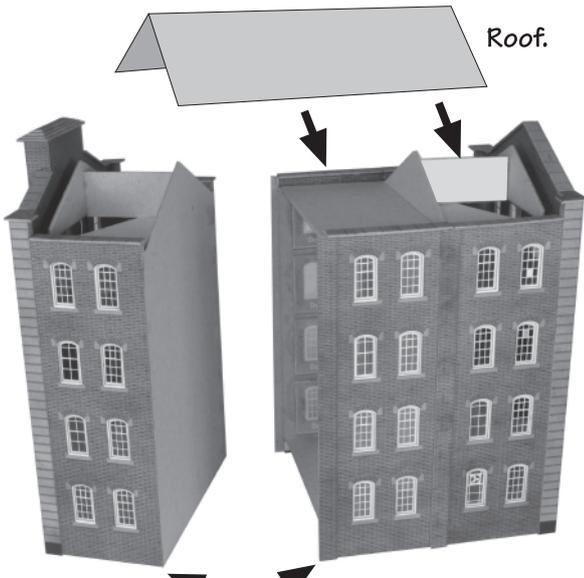
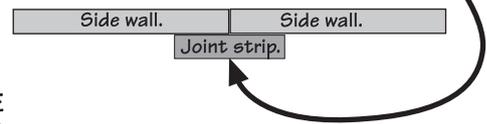


Fix half of the strip to the wall so the other half overhangs on the long edge.

Fit the walls to the building then when fast, fix the bottom inner floor and the top floor. There are no intermediate floors, the building is strong enough.



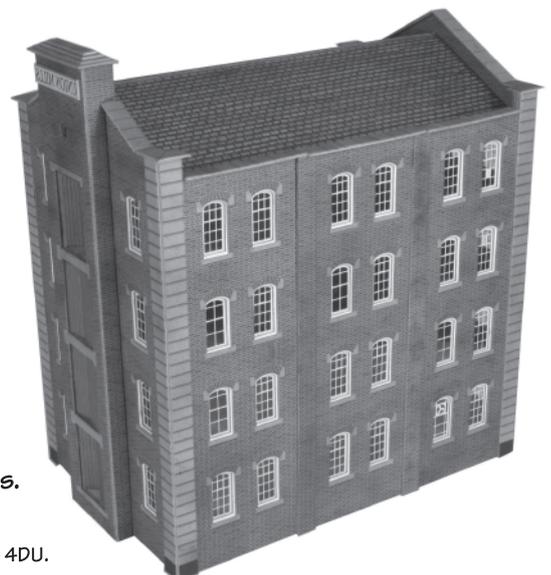
Brick jointing strip covering wall joint.



Roof.

Fit the two buildings together. FIX THE ROOF TO THE LARGER OF THE TWO BEFORE PUSHING THEM TOGETHER. IF YOU HAVE ALREADY ATTACHED THE CAPPING STONES TO THE WALL TOPS. The roof won't fit in otherwise.

Fix buildings together.



Your warehouse should look like this.

## Fig. 15. THE BRIDGE.

The bridge is used to connect upper floors between buildings.

Start by attaching the two glazing strips to the back of the window openings on each side wall.

Fold the side walls up and insert the two bracket units at each end. Fold bracket sides around.

Push the brackets down tight against the roof so it holds the side walls and roof at right angles.

The bridge inner formers push down inside the bridge with the pointed tabs fitting through the two slots in the top.

Brackets should also be flush with outer ends of the walls.

Tabs stick through to hold roof in place.

Fit roof.

Floor fits up underneath.

Fix the bridge over an upper window. Low relief version shown here.

## Fig. 16. MAKING A LOW RELIEF BUILDING.

To make a low relief building as the one pictured on the front of the box, you will need to join the two side walls together. Use a brick jointing strip to cover the join.

Cut a jointing strip in half longways and attach to each side, flush with wall edges.

Attach a sheet of thin card painted black behind the wall with its edges sticking out at each side, to act as fixing tabs.

Fix the wall to the building.

Note: You only need to paint the card black behind the windows. Card from a cereal packet will do the job, cut to 150 x 150mm

## Fig. 17. ROOF.

You will have noticed that the roof comes as one unit, with scorelines at the correct points for cutting down to fit low relief buildings.

