

PN975 N Scale Low Relief Hotel Wednesday

INSTRUCTIONS

PLEASE - PAY ATTENTION

Carefully read through all the instructions to familiarise yourself with the kit and the components before you start to build.

COMPONENT CHECK LIST

This kit should contain the following:

- 1 x PRINTED SHEET A - Main components
- 1 x SMALL PRINTED SHEET B - Window frames
- 1 x GREY CARD SHEET - Inner supports.
- 1 x GLAZING SHEET - Windows
- 1 x INSTRUCTION BOOKLET.

PRE-BUILD PREPARATIONS

Tools you'll need to build this kit

(all of which are available on our website: www.metcalfemodels.com)

1. A modellers knife
2. A cutting mat
3. A steel ruler
4. A pair of fine pointed tweezers
5. Water colour paint set
6. Metcalfe ultra fine tipped glue applicator
7. Glue (see below)

Glues

We recommend using a combination of two types of glue, Speed bond and Rokat card glue, both are produced by Deluxe materials.

Rokat card glue is an instant, fast drying glue which is great quickly securing components that require little positioning. It also comes with it's own fine tip applicator.

Speed Bond is a slightly slower drying glue which is ideal for the components where careful positioning is required.

UHU solvent free is also a great all round glue ideal for fixing the windows to the card frames

Metcalfe ultra fine tipped glue applicator is essential for applying small amounts of glue to the smaller components.

These bottles come in a pack of 3 and are best used with Speed Bond and UHU, simply unscrew the top and fill with the glue.



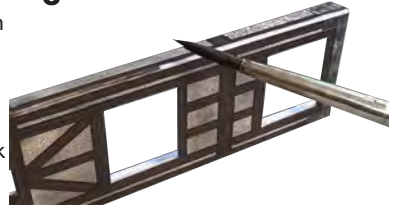
Extracting the components from the base sheets

To prevent the components from falling off the sheets they are held secure with scorelines, marked with a ➡ These are cuts that only go about 75% of the way through the card. To release them carefully run the point of your knife along these scorelines and they will come seamlessly away, be very careful your blade does not run off the score and damage the components. Use a steel ruler as a guide especially if using a new sharp blade. Keep the components organised and away from your work area on a piece of card or tray that we will call your builders yard.



Painting the exposed edges

The wall sections and roof will need to be coloured to match the printed surface. Use some water paints, mix the colour with lots and lots of water, test against the leftover bleed on the base sheet to get the correct shade and colour. The card only has to be tinted, as a solid painted line will make it look worse. Quickly wipe away any excess paint off the printed surface before it dries.



Windows

Carefully cut out the windows along the outer white line from the glazing sheet, organise and place on a dark piece of card (so that you can see them and they don't get lost) and place within your builders yard. Now gently extract the window frames from sheet B, these are held onto the sheet by small tabs and should just push free, if not just run your knife through the tabs.

Match up all the windows to the corresponding frames, fitting the glazing to the back of the frames with the matt side facing through the openings. Then place back into the builders yard, organised in order - A, B, C etc. If you'd like to add curtains do this now - see page 11

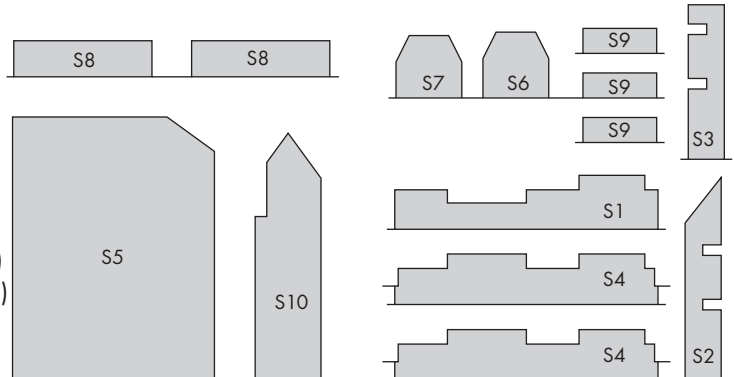


Like so.

Strengtheners

The thick, unprinted grey sheet of card holds components that strengthen the interior of the kit. Below is a key to each of parts with an abbreviated code, this code will be during the build. None of these parts will be visible when the build is complete so feel free to write the code numbers on the parts for easier reference.

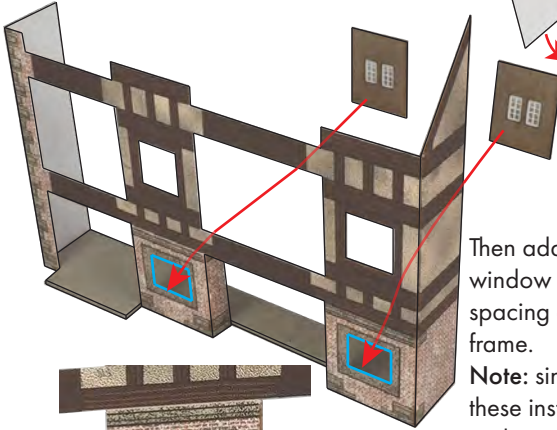
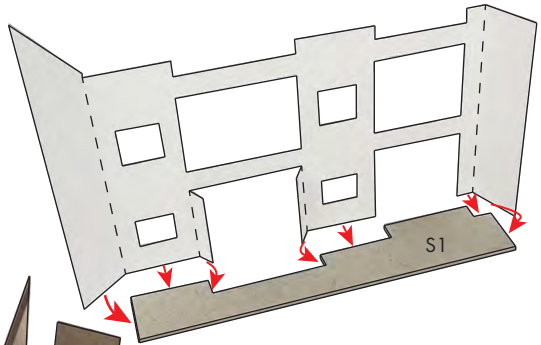
- S1 - Main Base
- S2 - RH Side Wall
- S3 - LH Side Wall
- S4 - Floor supports (x2)
- S5 - Main Back
- S6 - Turret Base
- S7 - Turret Roof
- S8 - Turret Side Walls (x2)
- S9 - Chimney Formers (x3)
- S10 - Turret Back



LET'S START TO BUILD!

1 Main Walls

Start by wrapping the Main walls around the base - S1. Test all the folds on the main walls making sure they fold easily and keep the bottom edges flush with the base. Allow a little time for the glue to set.

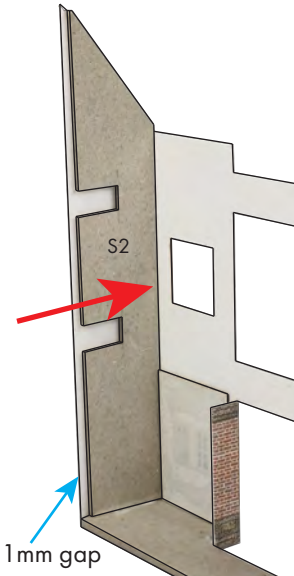


Then add the two M1 windows to the lower window openings on the Main walls, keep an even spacing around the windows and the outer wall frame.

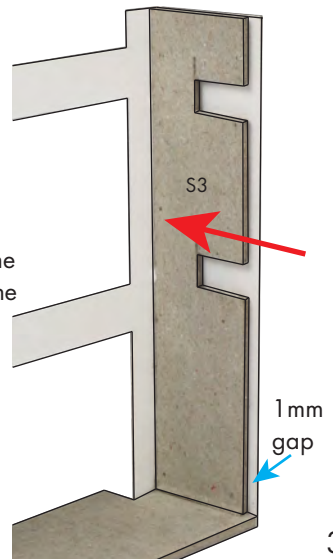
Note: since photographing these instructions and realising how easy it was to get these frames the wrong way around a notch has been added to the **top** of the frame.

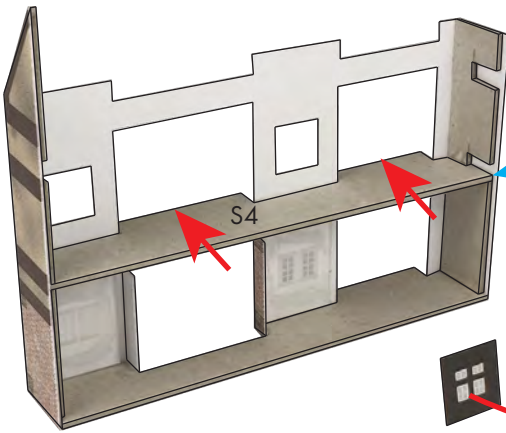


Like so.

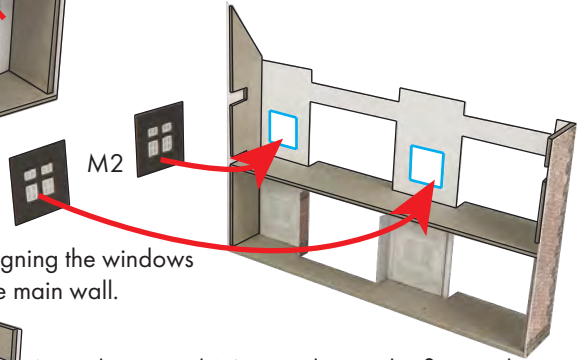


Now add the two Side wall strengtheners S2 and S3 to either side of the build, fitting tight into the corner leaving a 1 mm gap from the rear of the outer main wall.

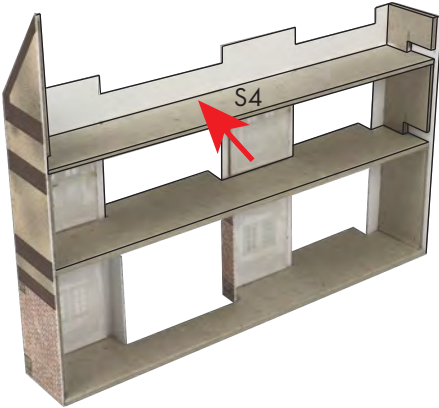




Add the first of the S4 strengtheners, this fits through the upper opening on the main walls, and slots into the niches on the side walls S2 and S3.

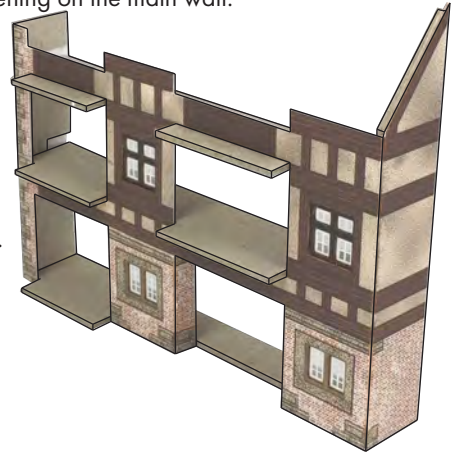


Then the two M2 window frames, aligning the windows carefully through the openings on the main wall.

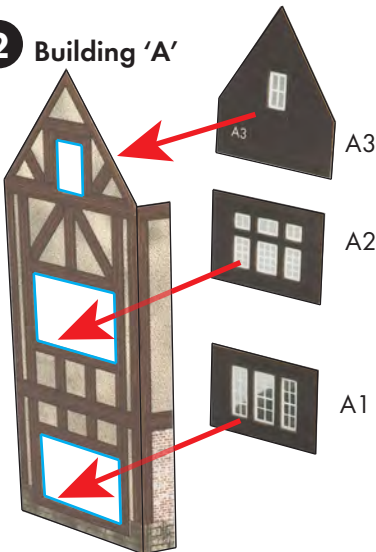


Next the second S4 strengthener, this fits into the niches on the S2 and S3 and to the underside of the opening on the main wall.

Like so.

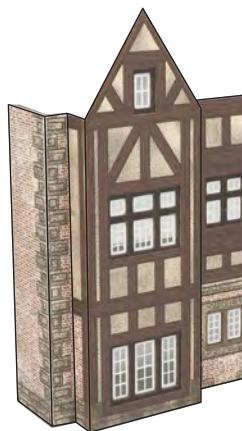


2 Building 'A'

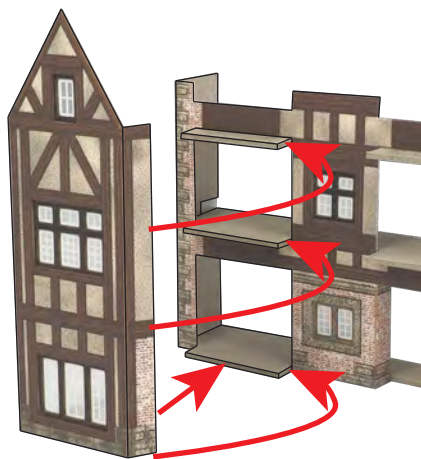


Add window frames A1, A2, and A3 to the openings of Wall A, take care to align the windows with the outer walls. Frame A3 aligns with the apex of the outer walls.

Test the fit first, the S4 strengtheners will fit between the window frames, the A1 walls wrapping around the sides of the S4's and S1 flush to the main wall.



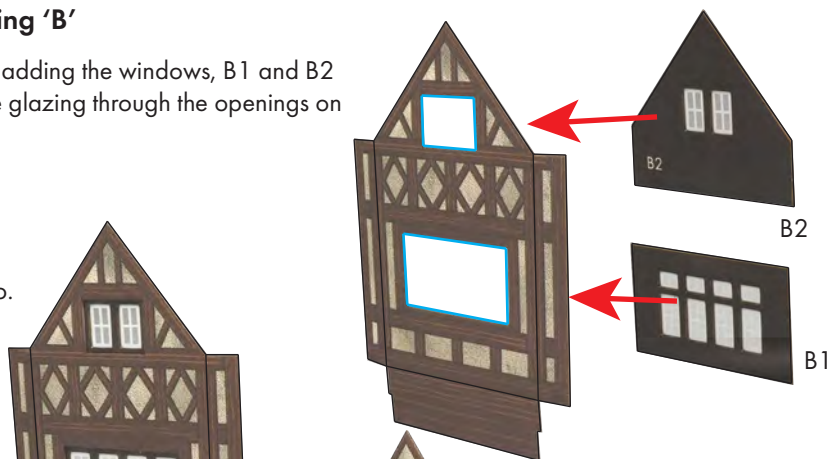
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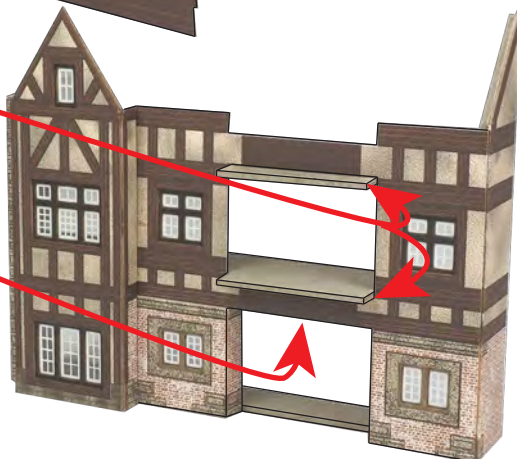
3 Building 'B'

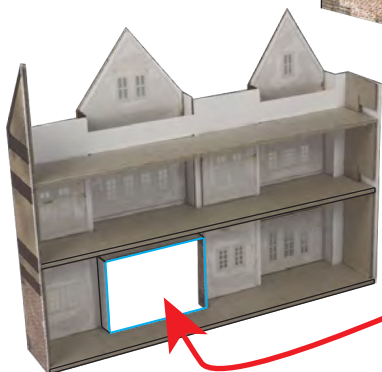
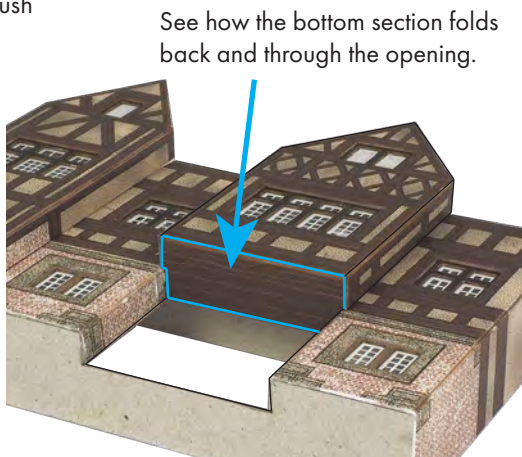
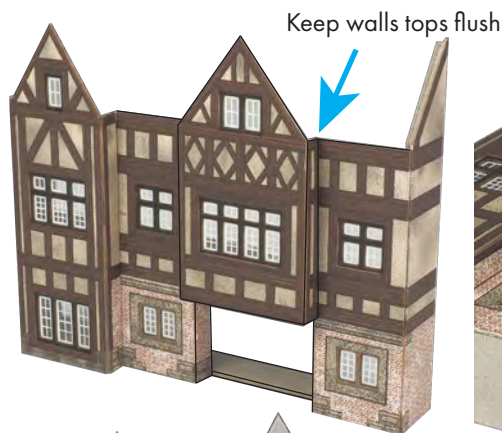
Start off by adding the windows, B1 and B2 aligning the glazing through the openings on Wall B.

Like so.

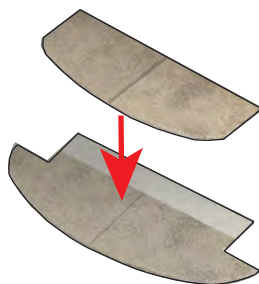


Now add to the main wall, like Building 'A' this wraps around the S4 strengtheners, but the bottom section folds through the bottom opening fitting flush with the recessed walls. See next page. Test the fit before applying glue.



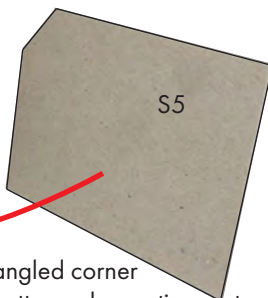
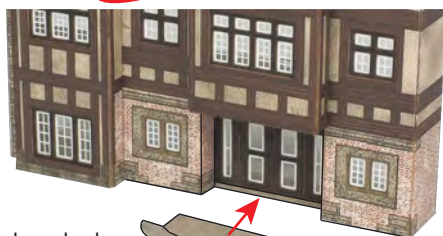


Add the door, this fits flush to the back of the recessed walls and on the base - S1, carefully centre the door through the opening.



Add the Entrance step A to the Entrance step B keeping the rear edges flush (there are two choices of entrance step a round and a square version they assemble the same way)

Then fit flush to the base of the door, level with the base strengthener S1



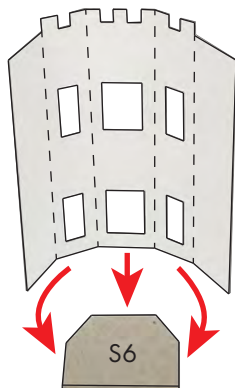
Finally fit the back - S5, the angled corner to the 'A' building end, the bottom edge resting on top of the base and flush to the side and floor strengtheners.



Like so.

4 Building 'C'

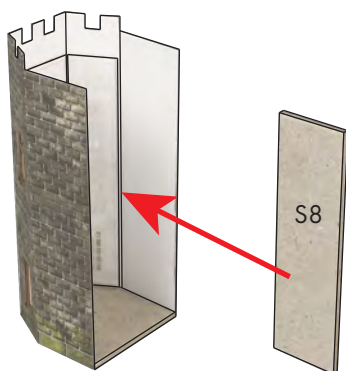
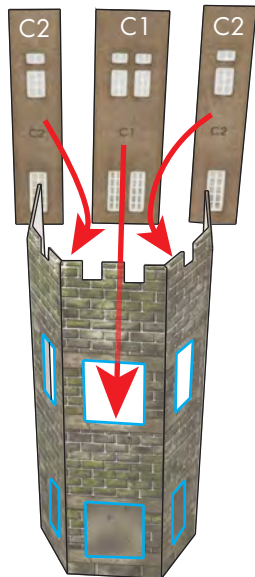
Strengtheners S6 and S7 are very similar so before we go any further combine the slightly smaller S7 to the Roof C, these are the same size, keep all edges flush and put to one side.



Wrap the Wall C around the S6 base keeping the wall bottom flush with the base.

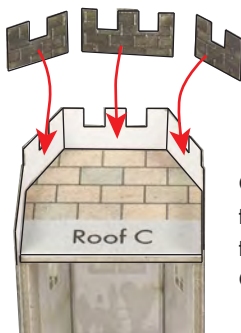
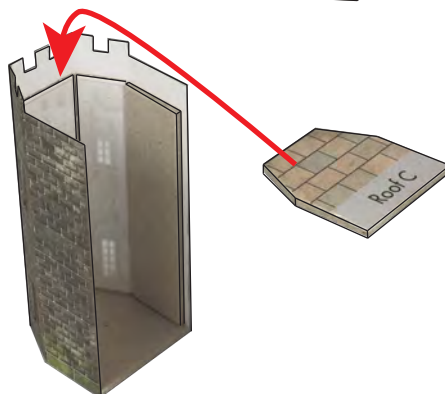


Now add the window frames, start with the centre windows - C1 aligning the windows through the openings and then add the two C2 windows to either side.



Next add the two side strengtheners - S8, these fit flush to the C2 window frames leaving a 1mm recess from the outer wall at the rear.

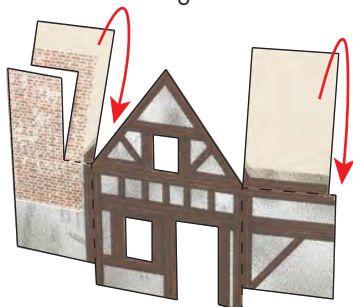
Now fit the combined roof C and S7 to the top of the S8 strengtheners and the window frames.



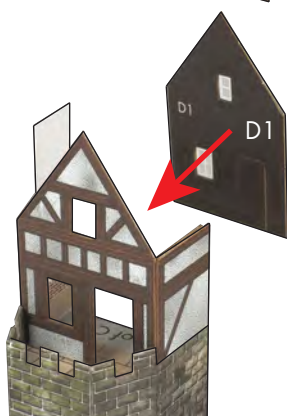
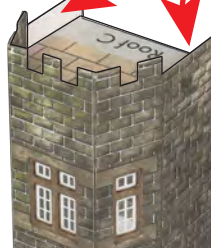
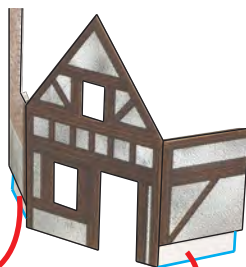
Carefully align the Wall C tops to the inside of the turret walls, starting with the centre section, then the two side sections, sitting flush to the Roof C.

5 Building 'D'

Fold back the two light brown tabs on the Wall D side walls.



This creates two tabs that slot to the inside of the turret walls help position the wall D into place. Test the fit, and glue into place, keeping the rear flush.



Now add the D1 window and door frame, keeping the top edges flush and the windows equally spaced through the openings on wall D.

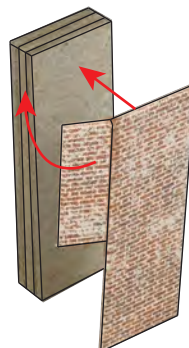
Like so.



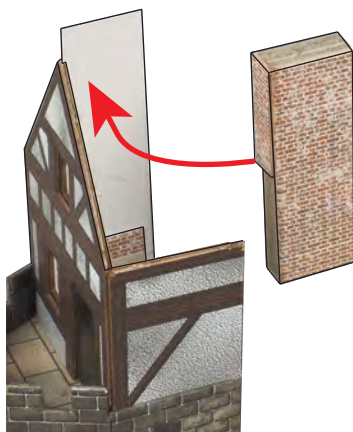
Combine the three S9 chimney formers to create a single block, all edges flush.



Now add the chimney to one side the front tab folds over the front top edge, keep the top edges flush.



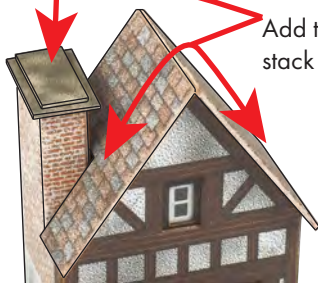
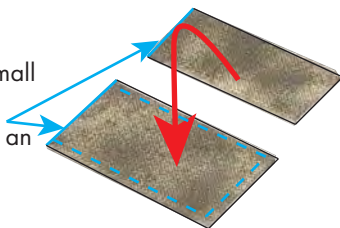
Next, add the chimney stack to the inside of the side wall, again keeping the top edges flush.





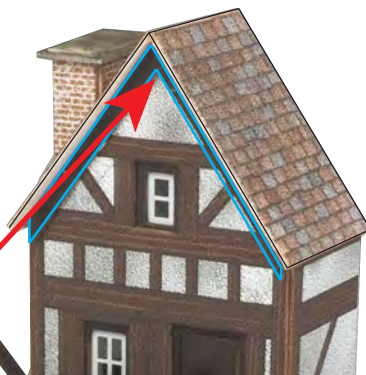
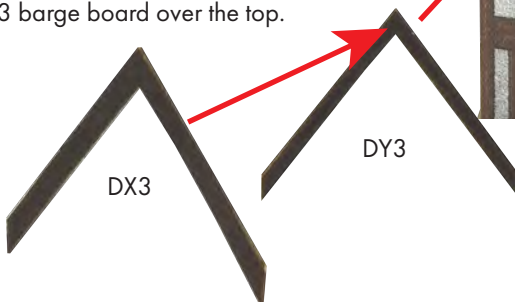
Now add the back - S10, this sits on top of the base, the cut away section fitting around the chimney block.

Combine the chimney capping stones, the small on top of the larger. Keep one of the short edges flush - the rear edge (marked in blue) an equal spacing on the other three sides.

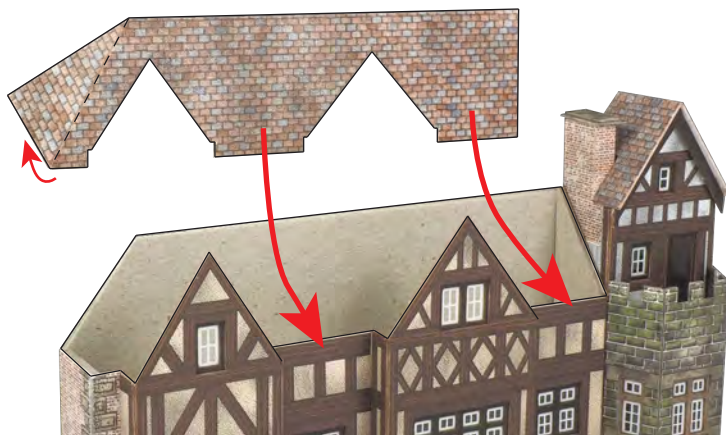


Add the chimney capping to the chimney stack and the Roof D into position.

Lastly the barge boards. Fit the smaller DY3 spacer flush to the roof first, then the larger DX3 barge board over the top.

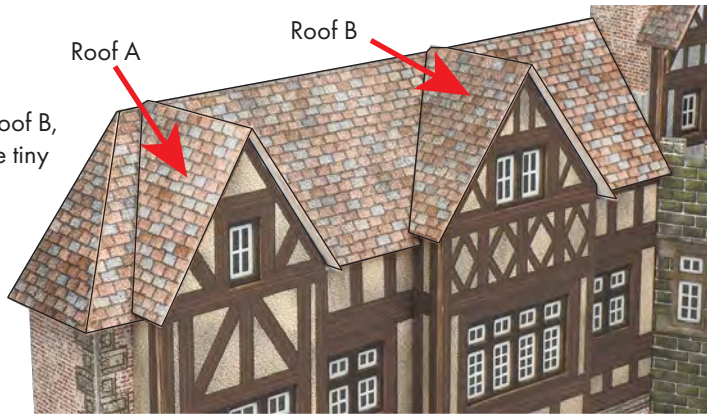


6 Combining the buildings and finishing touches

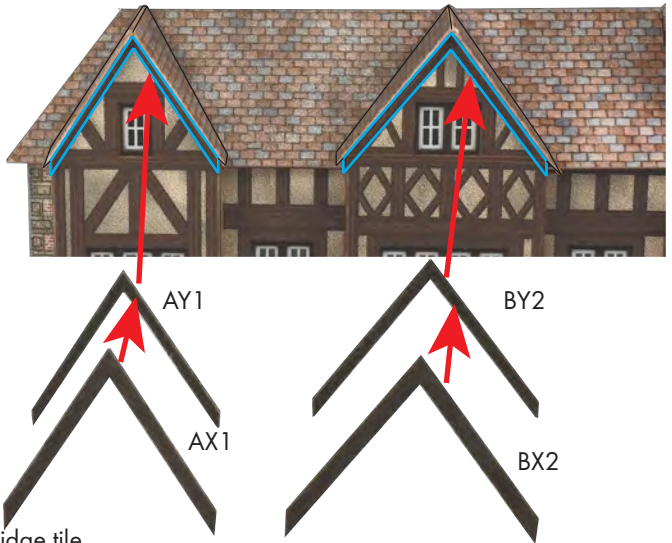


Glue to the turret to the end of the main building, then add the Main roof, test the fit first so see the areas to add glue and how the corner folds around to fit.

Now add the Roof A and Roof B, again test the fit first and use tiny spots of glue to fix in place.



Next the barge boards, fit the smaller spacers first, AY1 and BY1 flush to the slope of the dormer roofs, then fit the larger barge boards over the top, AX1 and BX2



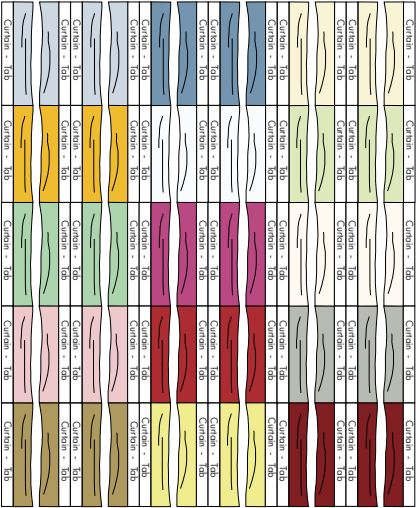
Lastly add some ridge tiles (see ridge tile sheet) and the chimney pots (see next page)



Also add a sign above the doorway - see next page for a choice of signs.

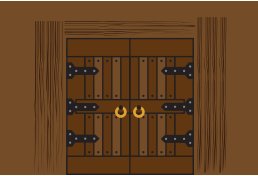


Curtains



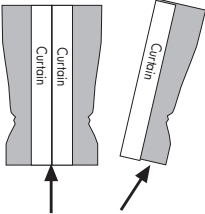
Curtains for inside the windows.

Alternative Door

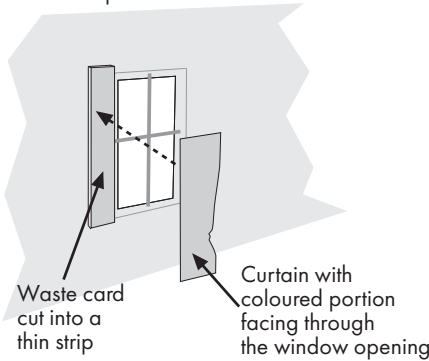


Cut out and glue over the door from sheet B or back with a piece of waste card.

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).

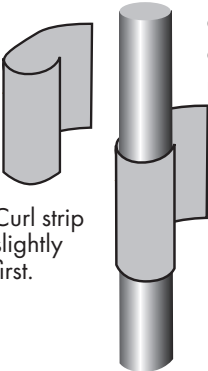


Cut each curtain to shape

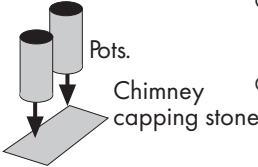


Chimney pots

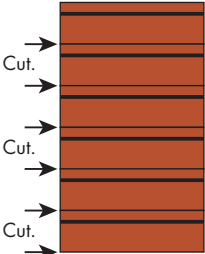
Cut into strips then roll tightly around a nail or drill bit (apx. 2mm dia.) and fix the end with a tiny spot of glue.



Roll up tight then unroll the end enough to smear with a little glue then roll back up and hold tight until fast.



Chimney Pots.



Signs



This sheet can be downloaded, along with the instructions at our website: www.metcalfemodels.com

