PN153 N Scale Village School

INSTRUCTIONS

CHECK LIST

This kit should contain the following:

1 x SHEET A1. Printed kit parts.
1 x SHEET A2. Printed kit parts.
1 x SHEET B. Base & Inner Supports
1 x SHEET C. Card with laser cut parts
1 x BLACK CARD. Laser cut gates
1 x GLAZING sheet.
1 x Ridge tiles card.
1 x INSTRUCTION BOOKLET.

READ THROUGH ALL THE INSTRUCTIONS BEFORE YOU START.

This is a complex kit that requires particular attention to detail, so proceed with care!

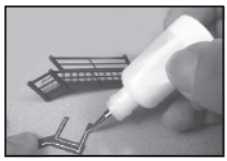
To construct this kit you will need the following:

1. A modellers knife.
2. A pair of sharp scissors.
3. A steel ruler.
4. Glue - *See glues*.
5. Ultra Fine Tip Glue Applicator, *see below*.
6. A cutting surface - a sheet of card or cutting mat.
7. Fine point tweezers.
8. Water colour paints and a very fine brush for painting edges and corners.

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**

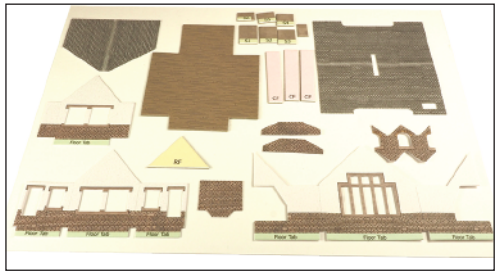
GETTING STARTED

1 EXTRACTING COMPONENTS FROM THE BASE SHEETS.

To stop the components from falling off the sheets, they are held secure with score lines. These are cuts that only go about 75% of the way through the card.
To release them run the point of your knife along these score lines and they will come seamlessly away. These score lines are marked with blue arrows: WARNING, Cut with care using a knife that is not too sharp, this will reduce the risk of the blade running off the score and cutting the components.

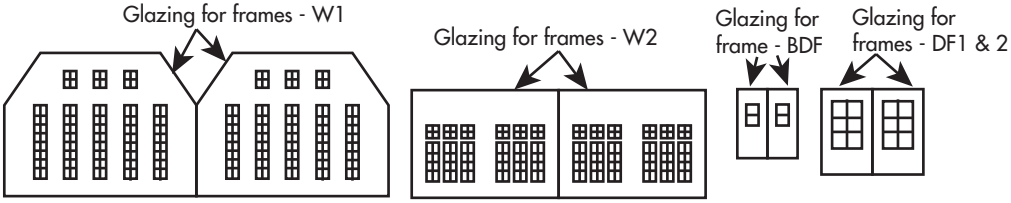
2 MAKE YOUR 'BUILDERS YARD'.

As you extract the components from the base sheets they need to be kept away from your working area on a thick piece of card or a tray until needed.



3 GLAZING

Cut out all the clear glazing components and place on a separate sheet of dark card so they don't get lost. Note which window frames the glazing matches to.



4 PAINTING CORNERS & EDGES.

The white card that shows on the corners and edges is best painted **before you build the kit.**

All you need is a simple set of water colour paints and a fine brush.

Something like this set of 'Reeves' watercolours or even simple child's watercolours.

As long as it contains a warm red, a brown and black, you will be able to match the colours in this kit.

Mix your colour with lots and lots of water, apx. 1 part paint to 5 parts water or more. TEST ON WASTE CARD FIRST UNTIL YOU HAVE THE CORRECT SHADE & COLOUR.

Before the paint dries, run your finger along the edge to rub the colour into the absorbent white card.

Then wipe away any paint that has run onto the printed surface before it dries.

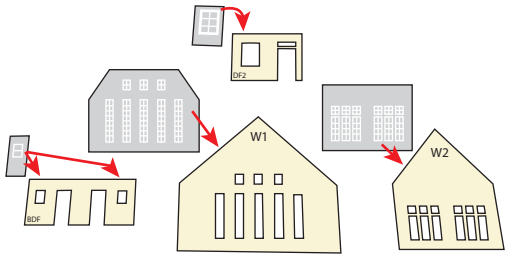
Remember, you only need to just slightly tint the card with a little colour.

DON'T paint a thick solid line down the edges, you will only make it look worse.

LETS START TO BUILD!

Fig.1. WINDOWS

Start by matching the glazing to the window frames, located on the laser cut Sheet C. Carefully align the glazing with the matt side facing through the frame.



Once you have glued the glazing to each window frame place them back into your builders yard until they are needed.

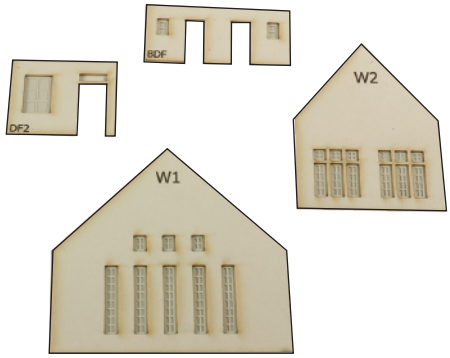
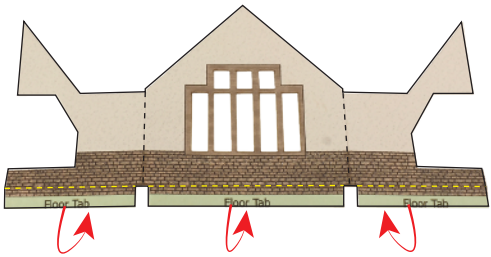
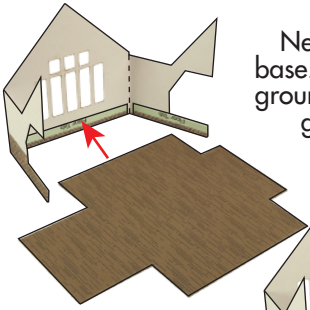


Fig.2. MAIN WALLS

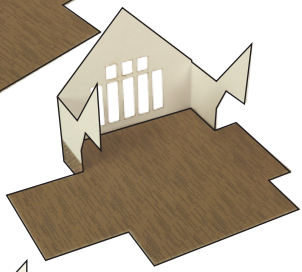
Start off with the 2 school main walls located on sheet A1.



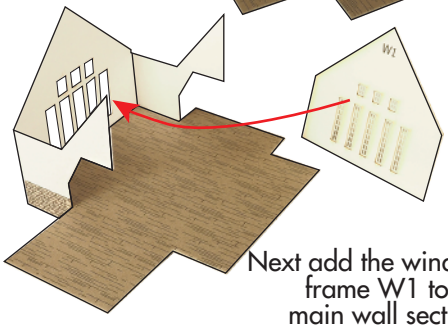
Fold back and glue into place the 3 green floor tabs.



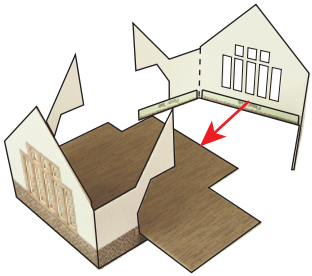
Next add the floor base. This sits off the ground on top of the green floor tabs.



Wrap the main walls around one side of the base like so.

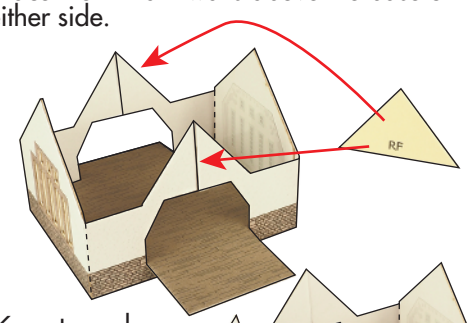


Next add the window frame W1 to the main wall section.

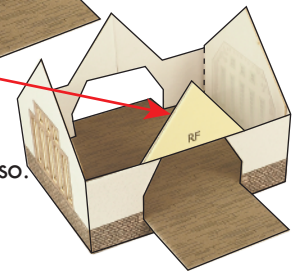


Repeat with the second main wall section on the opposite side of the base.

Now add the yellow roof formers (RF) to brace the 2 main walls above the base on either side.



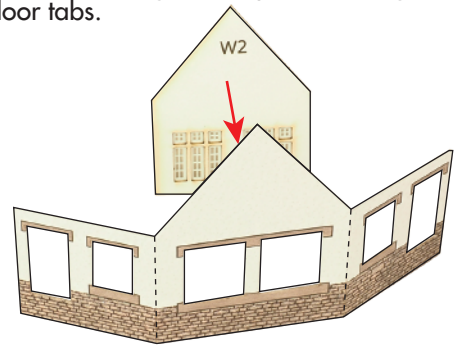
Keep top edges flush.



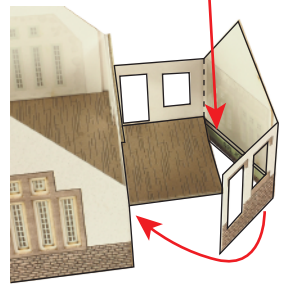
Like so.

Fig.3. ENTRANCE & GABLE WALLS

Before fitting the entrance wall fit the window frame (W2) into place, as before fold back and glue into position the green floor tabs.

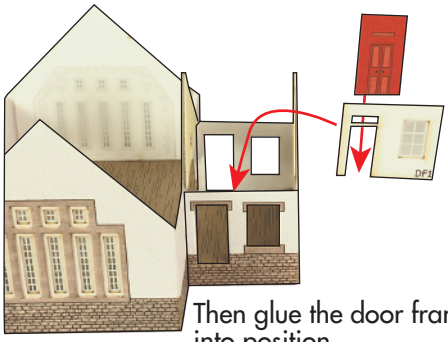


Be sure to leave at least a 1mm gap between the floor tab and the inner window frame (W2) for the base tab to slot between.



Now wrap the entrance wall around the floor base and glue into place.

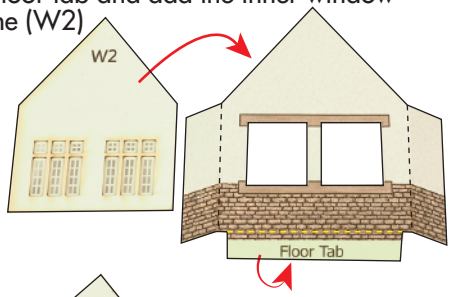
Next add the school doors to the door frames (DF1 & DF2)

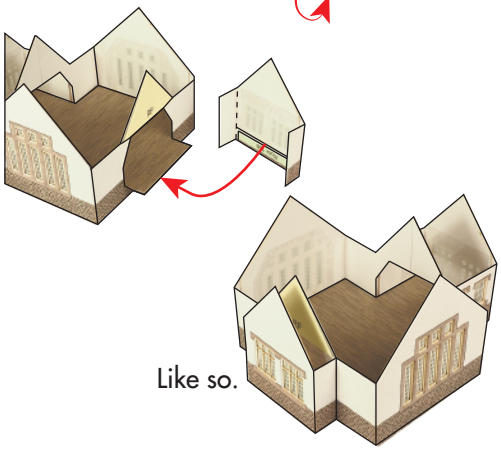


Then glue the door frames into position.

Like so.

Finally add the gable wall, again fold back the floor tab and add the inner window frame (W2)

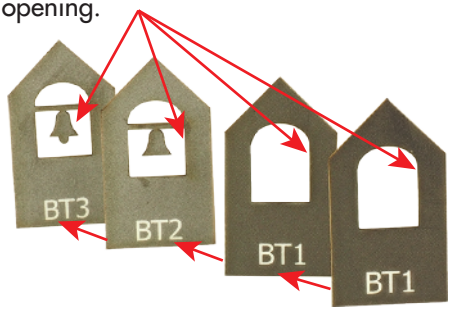




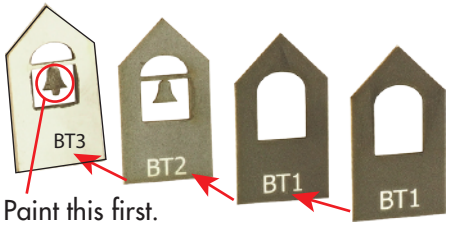
Like so.

Fig.4. ROOF

Start off my assembling the bell tower. Paint the inside edges around the bell and opening.

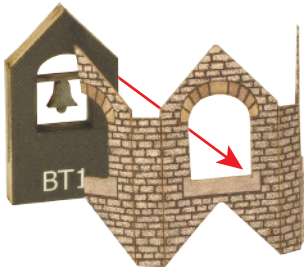


Then keeping all edges flush, add 1 BT2 onto the BT3, followed by 2 of the BT1's.



Paint this first.

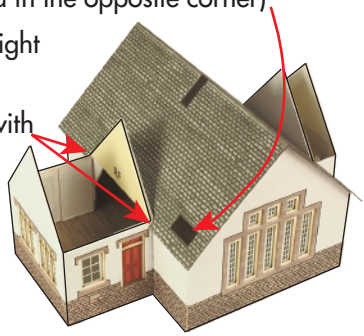
Flip the combined block of BT3,2 & 1's over. Paint the rear side of the bell on BT3, then add BT2 and 2 BT1's to the stack.



Lastly wrap the bell tower walls around the completed BT 'block' keeping the apex and inner arch edges flush.

Add the main roof to the building, make sure you have the chimney hole in the corner you want it to be located. (in this build I have it next to the doorway. It can be positioned in the opposite corner)

The roof fits tight against the entrance and gable walls with an overhang either side.



Now slot the bell tower into place in the centre of the roof, the cut away part of the stonework slots neatly into the roof.

Like so.

Add the bell tower capping, centred.
Then add the entrance and gable roof sections flush to the bell tower.

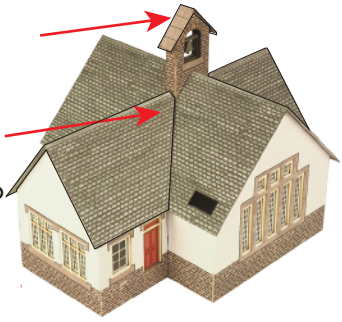
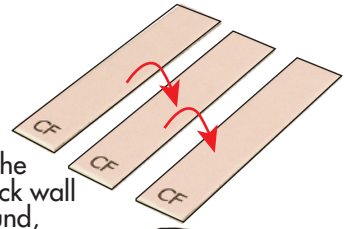
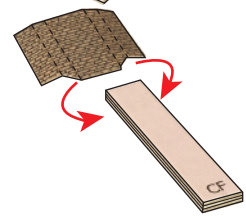


Fig.5. CHIMNEY

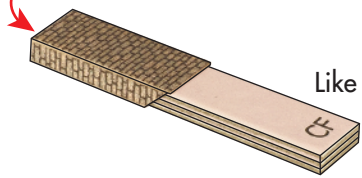
Combine the 3 pink chimney formers (CF) together to form a solid block, keep all edges flush.



Then wrap the chimney stack wall section around, keep the top straight edge flush to the top of the former block.

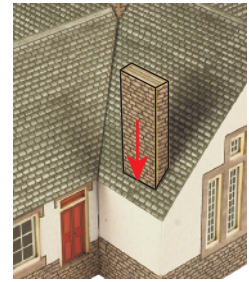


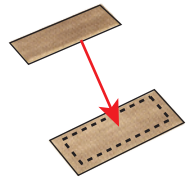
Edges flush



Like so.

Slot the completed stack into the slot on the main roof.





Glue the smaller chimney capping stone centred to the larger capping stone.

Then add to the top of the chimney stack.

To add chimney pots see fig.10.

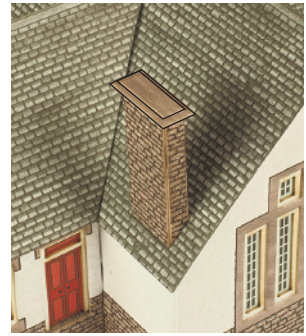
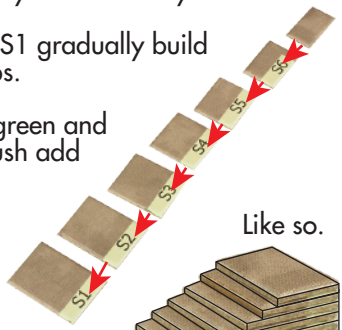


Fig.6. STEPS

There are 2 sets of steps to construct, and are colour coded, green and pink. They go together exactly the same way.

Starting with S1 gradually build the set of steps.

Keeping the green and side edges flush add the 6 steps.

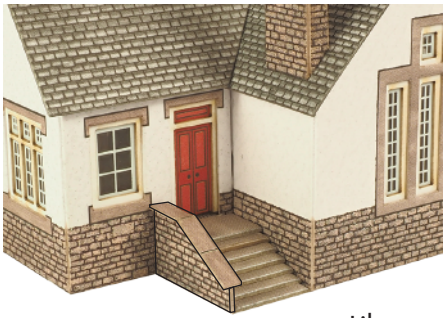


Like so.

Fit the completed steps flush into the corner under the door.

Fold the step side walls back and glue the sides flush together.

Glue the side wall flush to the side of the steps, then add the side wall capping to the top of the wall.

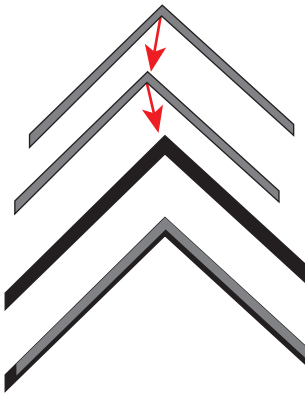


Like so.

Fig.7. BARGEBOARDS

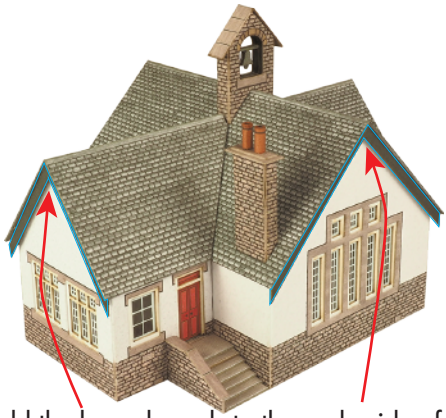
Located on sheet C are 3 sets of bargeboards.
BB1 - for the bike shed,
BB2 - for the entrance and gable ends,
BB3 - for the main end walls.

They are all built the same way, combine 2 of the grey formers for each 1 of the black barge boards.
(apart from the small bike shed which has 1 former for each bargeboard.)



Carefully align the formers keeping the edges flush. The black bargeboard will overhang the formers. Keep them flush along the top apex edge.

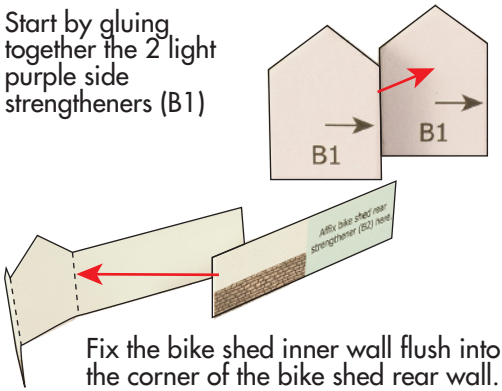
Like so.



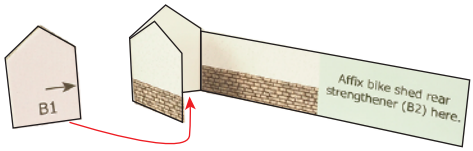
Add the bargeboards to the underside of the roof edges.

Fig.8. BIKE SHED

Start by gluing together the 2 light purple side strengtheners (B1)

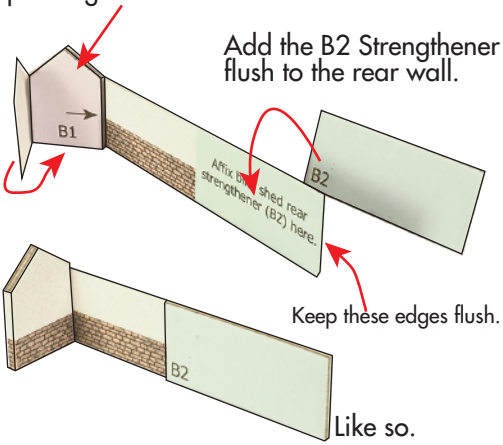


Fix the bike shed inner wall flush into the corner of the bike shed rear wall.



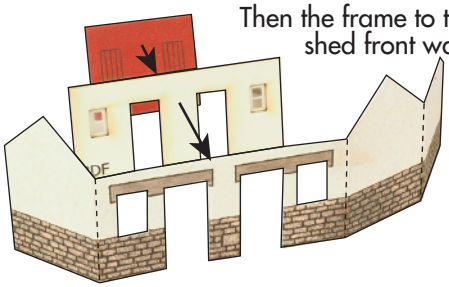
Now fold the end wall around the B1 strengtheners and fold 90 degrees to the rear wall. Make sure the arrow on B1 is pointing towards the rear wall

Add the B2 Strengthener flush to the rear wall.

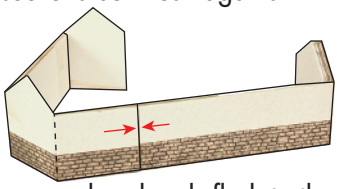


Now add the shed doors to the frame

Then the frame to the shed front wall.

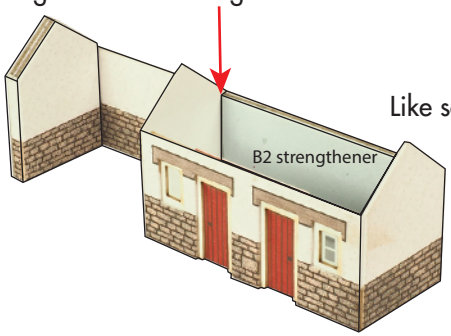


Now add the front wall to the rear wall. The rear wall sections butt flush against each other.



The front folds around and ends flush to the edge of the B2 strengthener.

Like so.

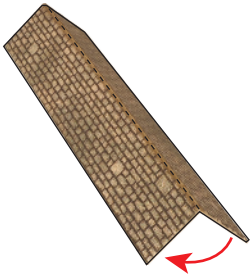


Lastly add the roof and the small bargeboards to either end of the shed.

Like so.

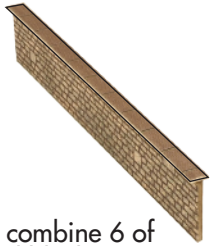
Fig.9. PLAYGROUND, WALLS & GATE

Start off by positioning where you'd like the school on the tarmac playground, this matches our M0056 Tarmac so you can combine them to make different shaped playgrounds.



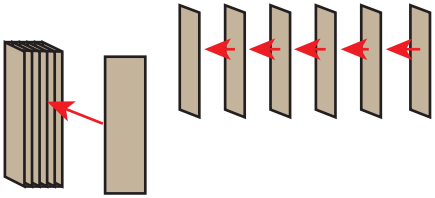
Once placed, cut out lengths of wall to suit the length of the playground.

Fold the wall back onto itself and glue.

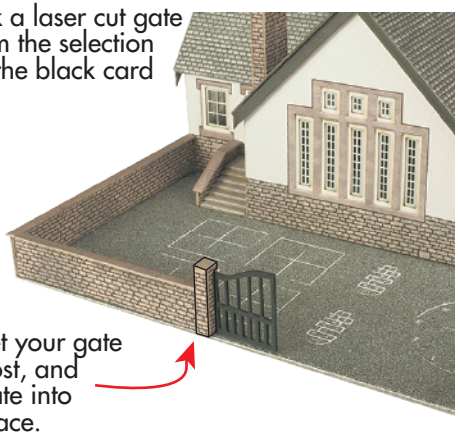


Then add a length of capping stones.

To make the gate pillars combine 6 of the pillars to make a solid block, stonework facing either side. Then use 2 pillars on the exposed sides. Finally top with an offcut of capping stone strip.



Pick a laser cut gate from the selection on the black card



Set your gate post, and gate into place.

Complete the scene and add ridge tiles to the roof tops.

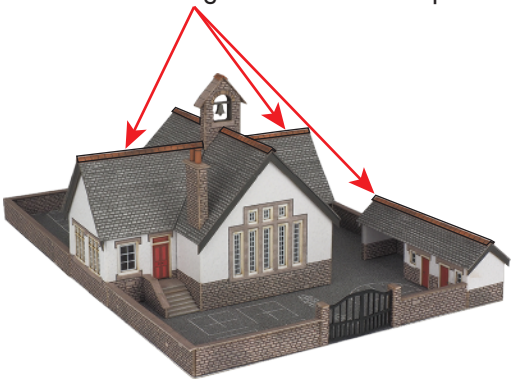
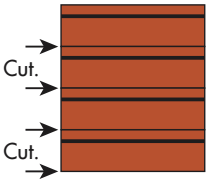


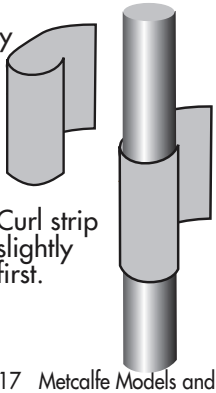
Fig.10. CHIMNEY POTS

Cut into strips the chimney pots on sheet c, then roll tightly around a nail or screw (apx. 2mm dia.) and fix the end with a tiny spot of glue.

You only need 2 chimney pots for this kit.

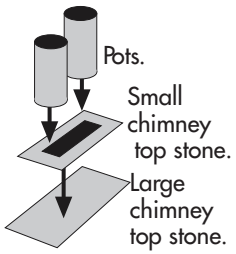
Chimney Pots.





Curl strip slightly first.

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



PLEASE NOTE - once you have perfected the art of rolling your own chimney pots you will soon realise that they are extremely realistic. So please be patient & keep trying, the chimney pots make all the difference.