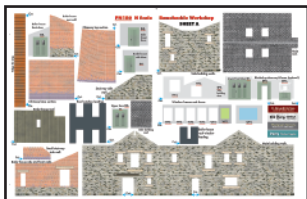


1 Kit components.



SHEET A.

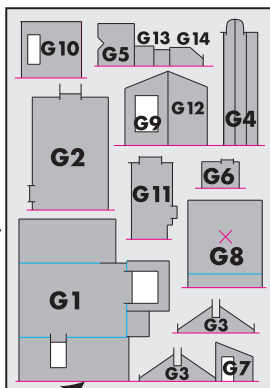
All the printed components to make this kit.

PLAIN GREY SHEET.

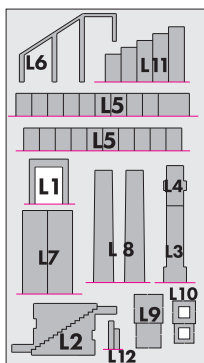
A thick grey card with inner strengthening components.

KEY:

- G1. Inner base card.
- G2. Upper floor.
- G3. Gable wall supports x 2.
- G4. Ridge beams x 3 parts.
- G5. Side building inner wall.
- G6. Side building upper floor.
- G7. Side building doorway.
- G8. Boiler house wall support.
- G9. Boiler house front spacer.
- G10. Boiler house side spacer.
- G11. Boiler house floor.
- G12. Boiler house end spacer.
- G13. Chimney inner braces.
- G14. Inner steps wall spacer.



Lines indicated here in red are the cut lines to extract components from base sheet. Blue lines are folds, don't cut them.



SHEET L1.

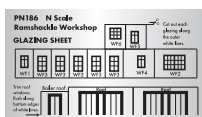
Thick grey card with fine laser cut components.

KEY:

- L1. Upper front door frame.
- L2. Stairs supports x 2.
- L3. Stairs base.
- L4. Stairs inner wall.
- L5. Steps x 19 short and 1 x long.
- L6. Stairs hand rail.
- L7. Chimney base inner supports x 2.
- L8. Chimney top inner supports x 2.
- L9. Chimney middle stones x 2.
- L10. Chimney top stones.
- L11. Boiler house steps x 5.
- L12. Boiler house steps inner wall.

GLAZING SHEET.

Clear plastic windows to cut out and fit to the window openings.



INSTRUCTION BOOKLET *This one*

READ THROUGH ALL THE INSTRUCTIONS BEFORE YOU START.

2 Tools to build this kit.

A modellers knife. A pair of sharp scissors.
A steel ruler. Glue - See glues.
Ultra Fine Tip Glue Applicator, See below.
A cutting surface. Fine point tweezers.
Watercolour paints and fine brush.
To paint corners and edges.

3 Glue.

Speed Bond is slightly slow drying, ideal for where a little positioning is required. made by deluxematerials.com

Also UHU All Purpose solvent free.

This is the best glue for fixing the plastic glazing to the window frames.



4 Ultra Fine Tip Glue Applicators.

An absolute 'must' when building this kit. When used with Speed Bond or UHU perfect amounts of glue can be applied to very precise areas without any mess.



A METCALFE product supplied in packs of 3
Product code MT907. Glue not included.

5 Extracting components.

Components are held in place on the sheet by score lines that cut partway through the card marked with blue arrows →.

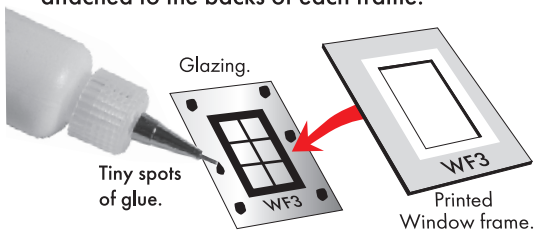
To release, fold the card to expose the score, then carefully run the point of your knife along score line so the parts come seamlessly away.

Some components on Sheet L1 are held in place with tiny pips. Hold up to a light to see.

ONLY EXTRACT COMPONENTS FROM BASE SHEETS AS NEEDED.

6 The Windows.

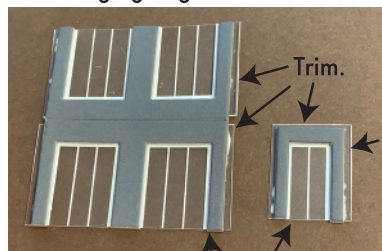
Each window opening has a corresponding window frame, so before any other work is done it is best to get all the glazing pieces attached to the backs of each frame.



Using a fine tip applicator, place tiny spot of **UHU** glue on the edges of the glazing and then fix the window frame on top.

ROOF WINDOWS.

The roof glazings are slightly larger than the window leading. Attach as shown with edges sticking out. Leave to fully dry before trimming the overhanging edges flush to the frame edge.

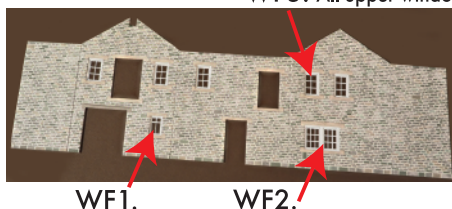


Line up bottom edges flush to frame.

Place all window frames with glazing to one side until needed.

7 The Main Building.

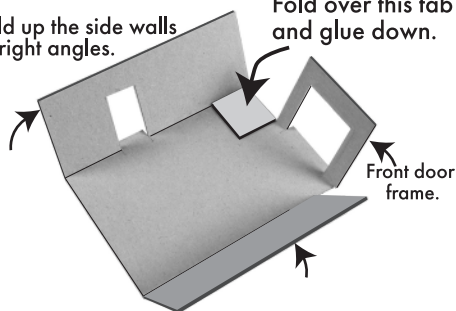
Fit all the windows. **Don't fit the doors.** WF3. All upper windows.



Inner base card G1.

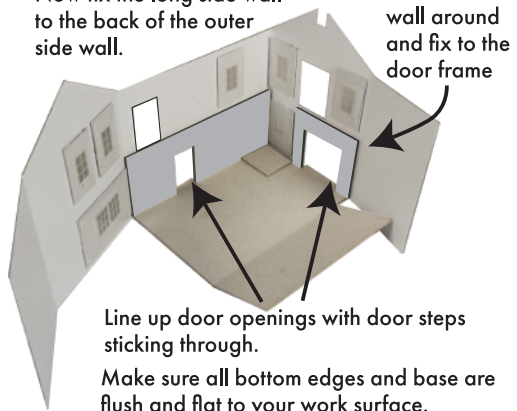
Fold up the side walls at right angles.

Fold over this tab and glue down.



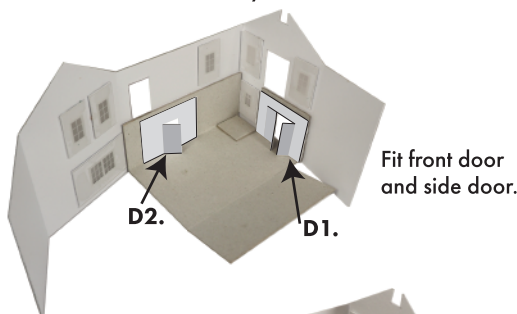
Now fix the long side wall to the back of the outer side wall.

Fold the front wall around and fix to the door frame

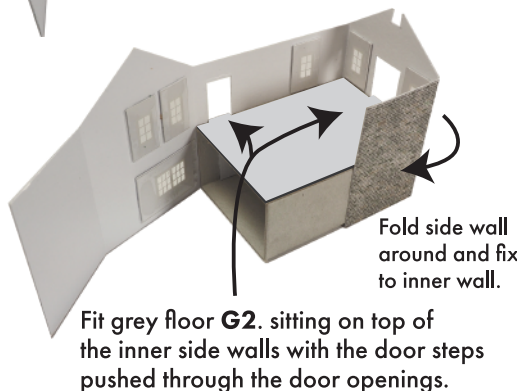


Line up door openings with door steps sticking through.

Make sure all bottom edges and base are flush and flat to your work surface.



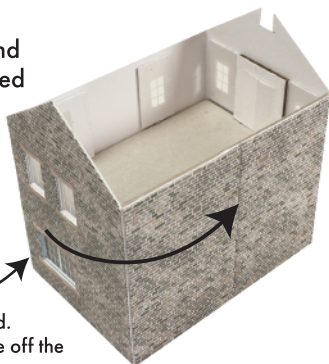
Fit front door and side door.



Fit grey floor G2. sitting on top of the inner side walls with the door steps pushed through the door openings.

Fold walls around and fix butt ended against other wall where they meet

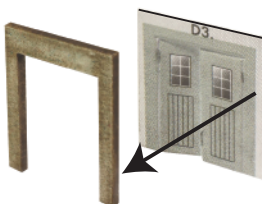
NOTE:
Lower window may snag against inner wall here when folded around. If it does, trim a little off the window (carefully).



Fix door **D3** to the back of laser cut door frame **L1**. Then fit to upper front doorway.

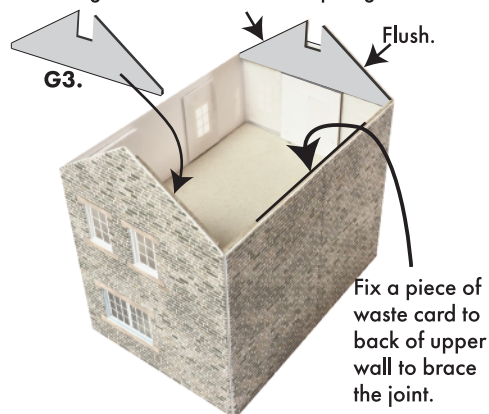
NOTE: If you don't intend to use the side building, then use door frame **DF6** and window **WF6**.

As shown otherwise just leave it open.



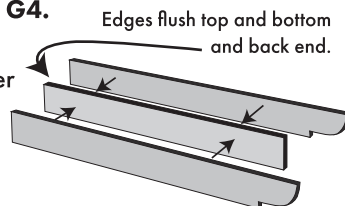
Gable wall supports G3.

The two grey supports fit to the back of each gable wall flush to the top edges.

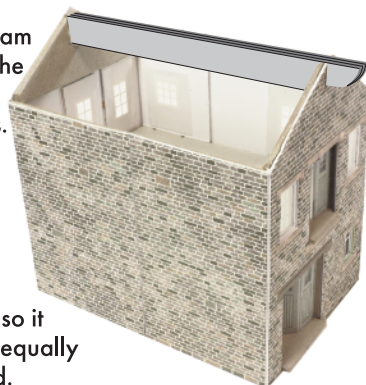


Ridge beam G4.

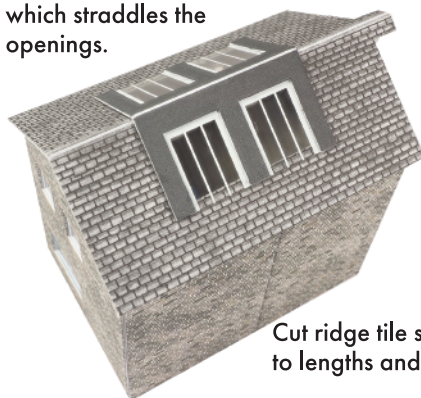
Glue the three beams together as shown with shorter length in the middle.



Seat the beam down into the slots in the gable walls.



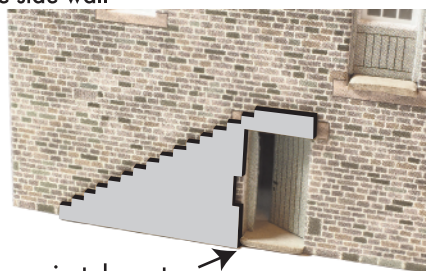
Fit the roof so it overhangs equally at each end. Then fit the roof window which straddles the openings.



Cut ridge tile strips to lengths and fit

8 Outside Stairway

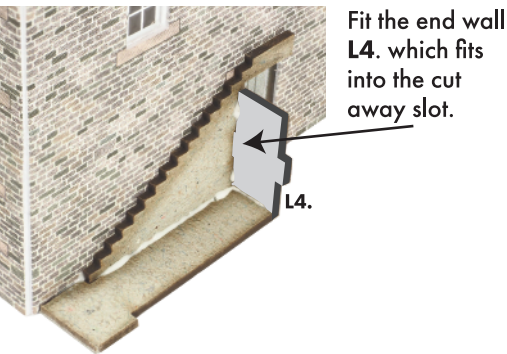
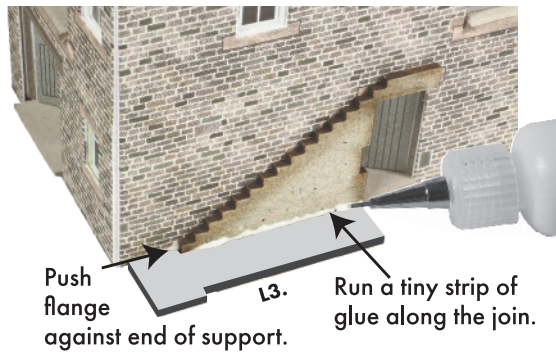
Fix one of the stairs supports **L2** to the side wall



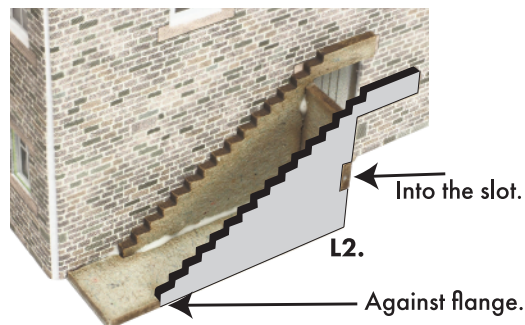
Push against door step.



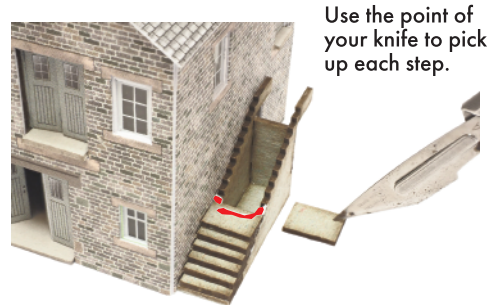
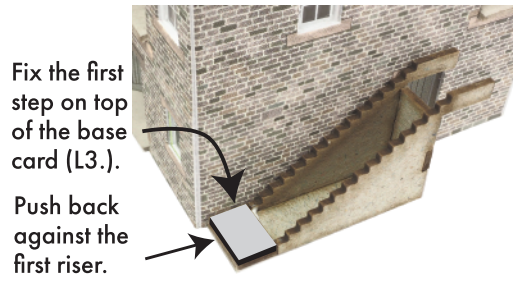
Place **L3.** against the side of the stairs support. Flat on work surface.



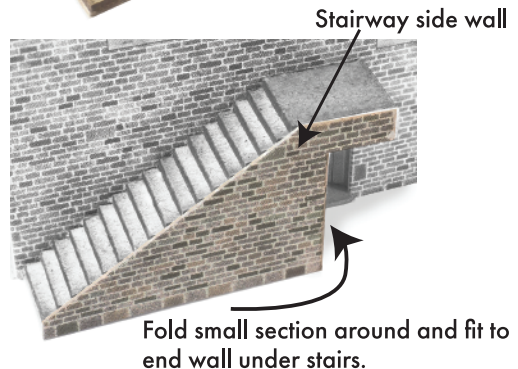
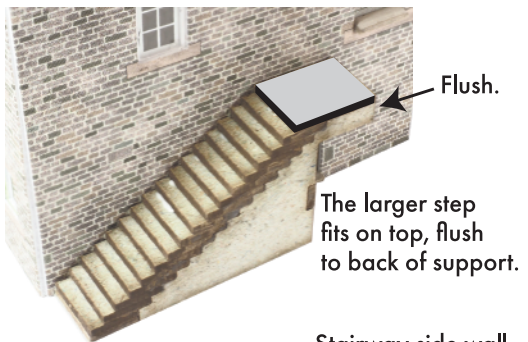
Place the second set of **L2.** stairs supports into place (below).



Cut away the 19 x **L5.** steps plus 1 larger step.

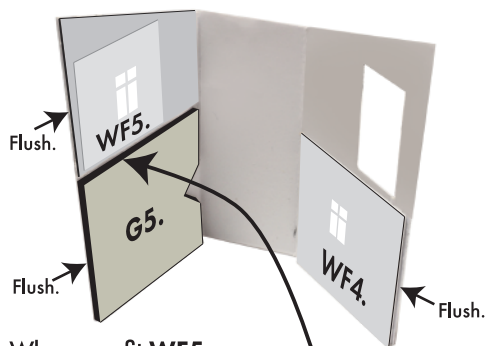


Place each step one on top of the other and push each one against the wall and the riser. Tiny spot of glue (indicated in red) are all you need placed towards back of the step below.

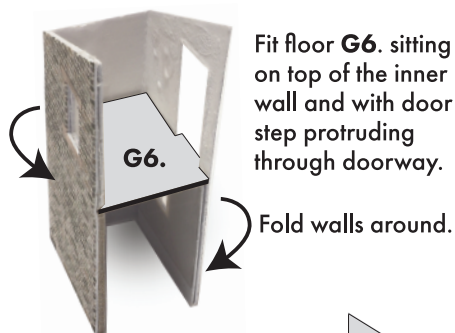


9 Side Building

Fit grey card inner wall **G5**.
Then fit windows **WF4**. & **WF5**.



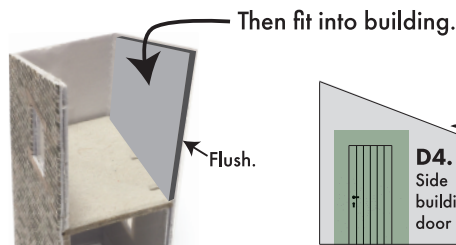
When you fit **WF5**, there needs to be a gap here between it and **G5**, for the floor **G6**. to slot in. If need be, trim a little off the bottom of **WF5**. Test first.



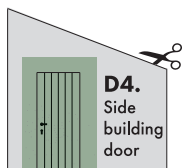
NOTE:

D4. door is not printed on Sheet A. due to an error. Please cut out the replacement **D4**.

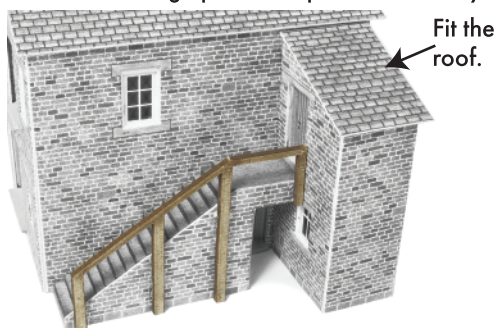
at the foot of this column and attach to back of grey card door frame **G7**.



Then fit into building.



Fix the side building to the main building as shown butting up to the top of the stairway.

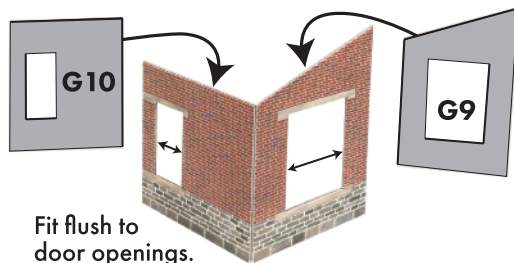


Finally, fit the handrail **L6**.

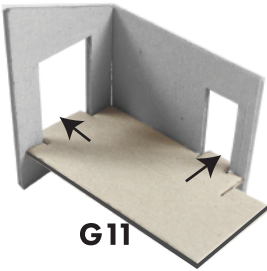
10 The Boiler House.

The brick boiler house is a later addition to the workshop. Possibly a boiler to power machinery or maybe a forge or for heating.

Fix the two boiler house door frames **G9**. and **G10**. to the inside of the front and side walls.



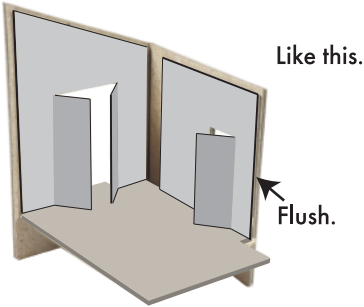
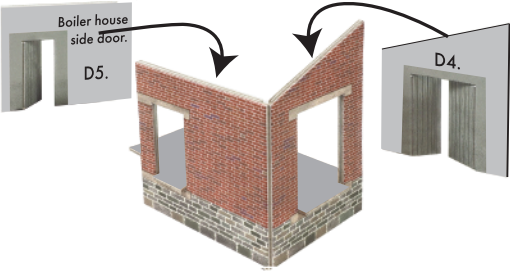
Fit flush to door openings.



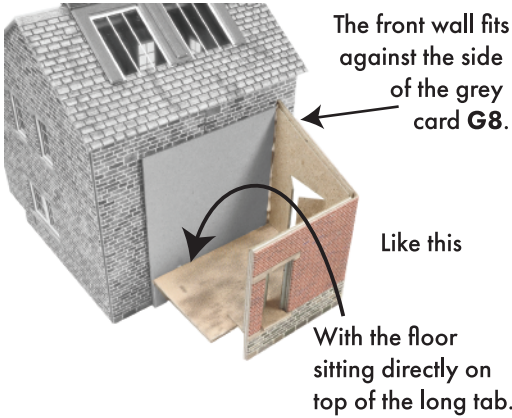
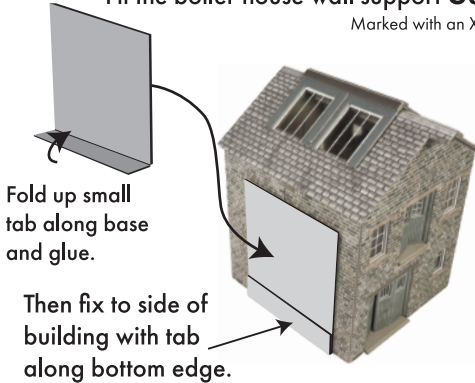
Fit the floor **G11**.
with the two
doorway tabs
sticking through the
door openings.

G11

Fit the two boiler house doors **D4** & **D5**.

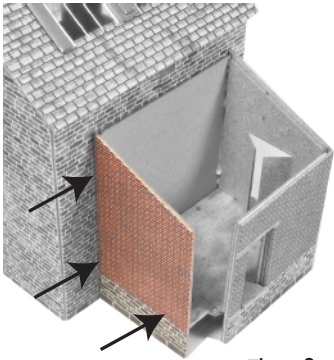
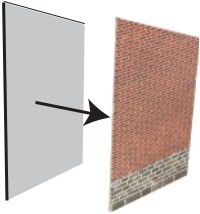


Fit the boiler house wall support **G8**.
Marked with an X.



G12.

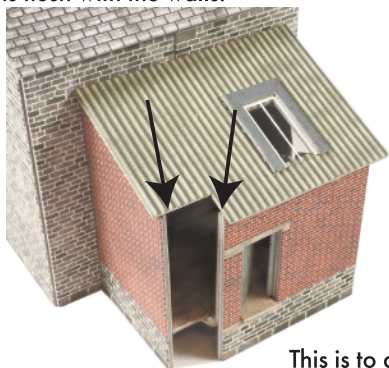
Glue the grey
card end spacer
G12. to the back
of the rear wall
to make it thicker.



Then fix to the edge
of the grey card
and floor as shown.

Attach the window to the roof before fitting to the building.

Fit the roof so that the cut away section is flush with the walls.



This is to allow the chimney to fit into the recess later.

11 The Chimney Stack.

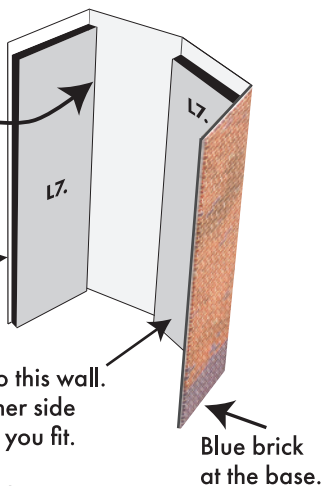
The stack is made of two sections. The lower section is a straight edged stack with the upper section slightly tapered towards the top.

Starting with the lower stack, fold the score lines to loosen and fix the two laser cut inner supports L7.

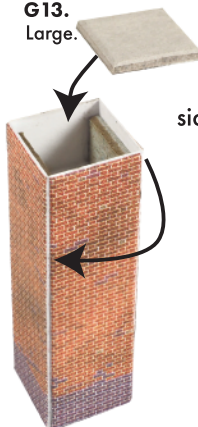
Fix one tight into the corner when folded at right angle. This should leave a thin strip of white card protruding down this edge.

Fit the other L7. to this wall. Fold the walls either side to right angles as you fit.

Fit both supports flush to the base.



G13.
Large.



Fold walls around and fix end into the small recess down the side of the inner support.

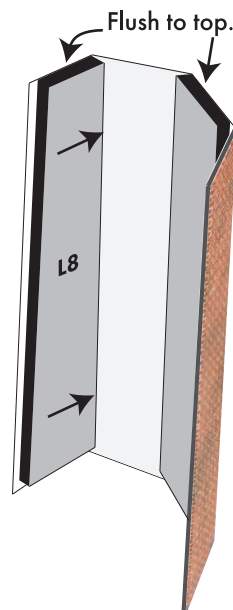
Grey inner braces G13.
Fit the larger of the two square braces inside the top of the chimney base. this holds it square.

Upper stack.

Note the top edge is tapered slightly.

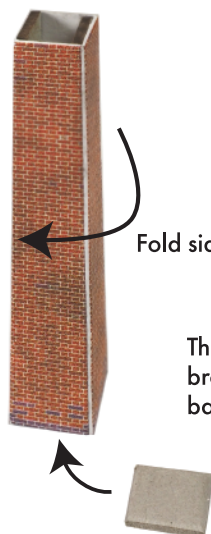
Fix the two L8. inner supports in just same way as with the lower stack.

BUT, fit them flush to the TOP EDGE.

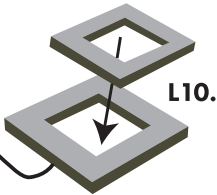
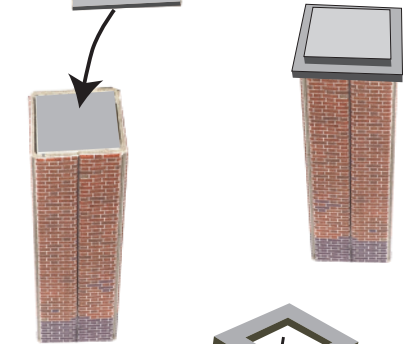


Fold sides around and glue.

The smaller of the G13. braces fits up inside the base of the stack.



Chimney middle stones
L9. These sit on top of the chimney lower stack (like a plinth).



Chimney top stones

Fix as shown to top of stack. then attach upper stack on to the top of the base stack.



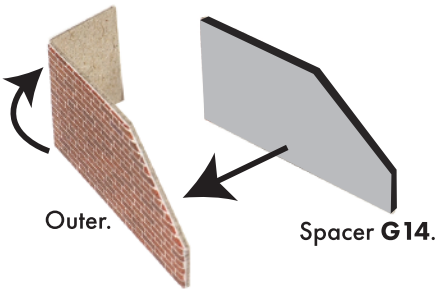
Once glue has dried, fit the chimney into the recess on the corner of the boiler house.



12 Boiler room steps.

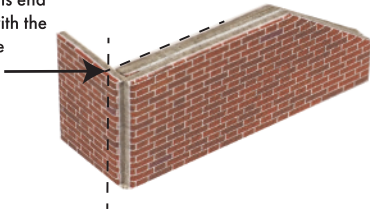


Steps **L11.** fitted into corner.

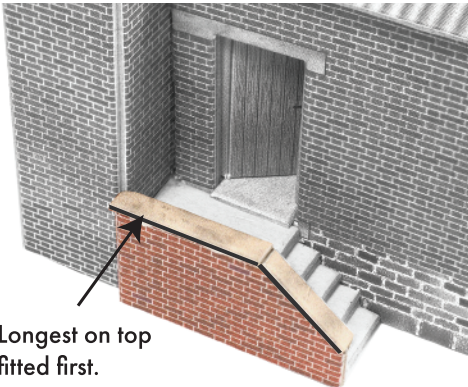


Like this with the small end portion folded around at a right angle.

Now cut this end off, flush with the edge of the spacer.



Fit tiny laser cut top stone strips **L12.**



Longest on top fitted first.