

WATER TOWER AND WEIGH HOUSE - ASSEMBLY INSTRUCTIONS

Contents. The kit comprises folded card SHEETS 1&2, the illustrated SUPERQUICK header card, ACCESSORIES CARD A and this ASSEMBLY INSTRUCTIONS sheet.

Tools. A sharp modelling knife and a steel rule are essential. Bulldog clips, a few rubber bands and 'Sellotape' might be useful to secure parts of the kit while glue is drying.

Glues. Most liquid glues are suitable. PVA glue is recommended, it becomes matte and almost transparent when dry, although in

cold conditions the glue tends to dry white. A solvent glue like 'Evostick' or 'UHU' is also recommended as it is quick to dry but can present problems when touching up model with water based paint. For gluing areas of paper, such as lining pieces, it is recommended that PVA be thinned or that a spray or a spreadable solvent glue is used.

Card-mounted components. Separate the parts only when called for by nicking with the knife at uncut points.

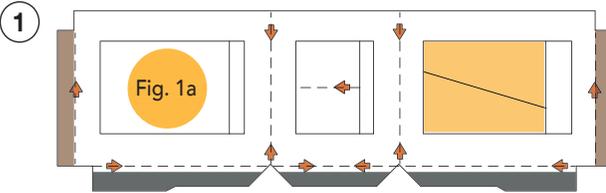
Scoring. Red arrows signal a fold back. Blue arrows signal a fold forward.

Where the cutter lines are marked with arrows, they are scored only (i.e. only partly cut through). Here the component is intended only to be bent or folded. Sometimes additional scoring with the knife may be necessary, so that the board bends at the fold line without too much resistance. If the fold line is cut through, a repair can be made by gluing a thin paper strip to the back.

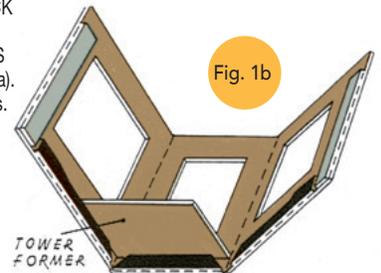
Windows. For fixing the transparent window material we recommend the use of 'Sellotape'.

Waste. Waste card is indicated by the symbol .

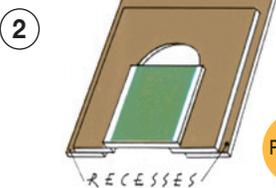
Finishing. The appearance of the completed model will be greatly improved if all exposed edges are touched up with watercolour paint or ink. Although this can be done after assembly it is more easily carried out beforehand. It is important that there is no glue on exposed edges.



From SHEET 1 remove as one piece the section of three BRICK WALLS with a brown TAB at each end and three black TABS along the bottom edges (Fig. 1a). Note the red arrow scored lines. Remove the TOWER FORMER, TOWER DOOR, TANK FORMERS and waste.

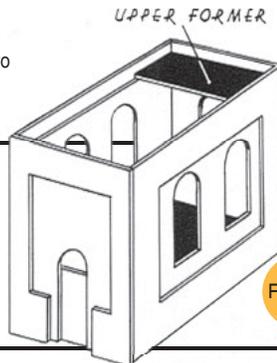


Glue down for double thickness the five TABS, removing any excess glue from along the edges. With the BACK WALL placed face down, raise one SIDE WALL at right angles. Glue the black TOWER FORMER into the corner, set upon the TAB edges (Fig. 1b). Repeat with the other SIDE WALL.



From SHEET 2 remove the DOOR END WALL and its RECESS WALL, setting aside the STEP. From the transparent glazing material remove the half round door-light part and secure it in position flush with the top edge of the grey section which has not yet been removed. Use a strip of 'Sellotape' fixed to the unprinted side of the glazing. Now remove the grey section. Take the TOWER DOOR, bend and glue double and glue it in place, selecting the preferred outer colour. Now glue this RECESS WALL to the back of the wider DOOR END WALL, flush along the bottom edges and set in equally down the two sides to form recesses into which the two SIDE WALLS will be fixed later (Fig. 1c).

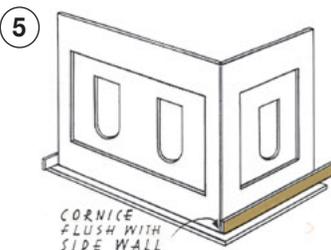
3 From SHEET 1 remove the other three RECESS WALLS. Glaze the five windows using narrow strips of tape attached along two sides. Avoid overlapping the printed window frame. With the window placed sticky side upwards, lower the wall on to it.



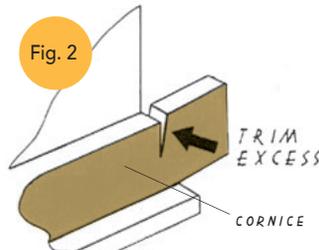
When positioned, the board should be pressed down hard. Strips of tape can then be added along the other sides for increased security.

4 From the ACCESSORIES card cut out the three INNER WALL LININGS and glue them to their RECESS WALLS to conceal the window fixings. Take the BACK RECESS WALL and glue it in place, setting its bottom edge to rest upon the black FORMER. Remove at once any glue which might have squeezed out on to the outer printed side.

Repeat with the two SIDE RECESS WALLS. Add one black UPPER FORMER set upon the three RECESS WALLS' top edges (Fig. 1d). Glue the DOOR END WALL in place and fix the second UPPER FORMER into the remaining corners.



5 From SHEET 2 take the WATER TANK BASE and remove the TOWER PAVING. Place the BASE printed side down and glue the completed TOWER to it, positioned centrally. From SHEET 2 remove the four CORNICE strips. Starting with one of the shorter strips, glue it flush with the SIDE WALL at one end.



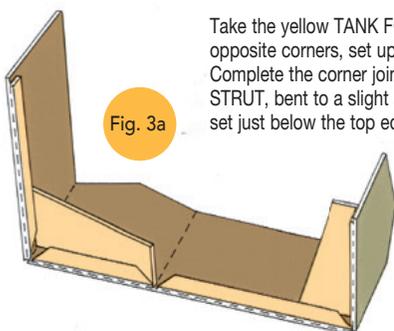
When dry, trim the excess with a sliding movement of the knife (Fig. 2). Add the other shorter length before applying the longer strips to the other sides.

6 Remove as one piece the four sides and TABS forming the TANK. Note the red arrow scored lines. Bend right back and glue down the TABS.

Take the yellow TANK FORMERS and glue them into opposite corners, set upon the TABS as shown (Fig. 3a). Complete the corner joint and fix the TANK CROSS STRUT, bent to a slight angle along the scored line and set just below the top edges (Fig. 3b).

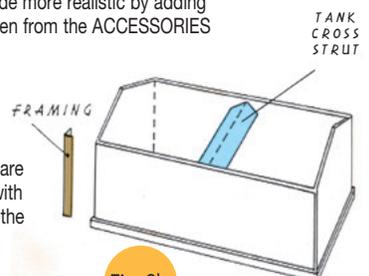
Glue the completed TANK to the TOWER adding the PLINTHS in the same way as the CORNICES were fixed.

The appearance can be made more realistic by adding the CORNER FRAMING taken from the ACCESSORIES card. Cut through the short lines marked 'Z'. Turn the card over and join the cuts with a pencil line.



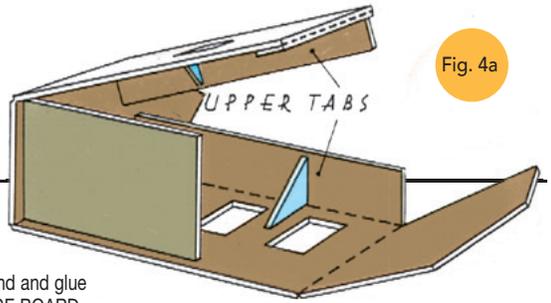
Hold the card against the light to check that the drawn lines are running accurately down the middle before scoring the line with a blunt knife. Turn the card over again, bend it double along the score and crease it well before cutting away the waste.

Fix the ROOF and PAVING to complete the model.

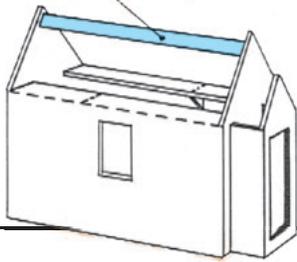


WEIGH HOUSE

- 7 Take the four WALLS with one grey SIDE TAB and two blue UPPER TABS attached. Glaze the windows, glue down the SIDE TAB and set the UPPER TABS at right angles by gluing the two blue BRACKETS roughly positioned below the black dotted lines. Set the WEIGH HOUSE FORMER into the corner (Fig. 4a).

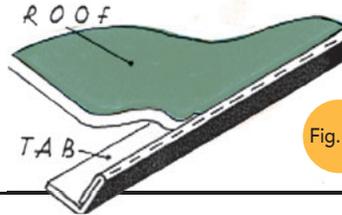


RIDGE BOARD

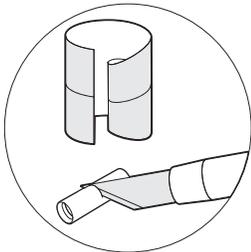


- 8 When set, bend the walls round and glue the corner joint. Add the RIDGE BOARD (Fig. 4b). Take the ENTRANCE LOBBY. Having bent back the 'hinged' DOOR, fix the walls around the FLOOR and FORMER.

- 9 GUTTERS, prepared from the ACCESSORIES card, can now be added to the ROOFS. Make light bending cuts along the red arrow marked lines. Bend right back along these lines before opening flat again and cutting out. Bend over and glue for double thickness the two black sections, leaving the grey TAB to be bent up and glued to the underside of the ROOF (Fig. 4c).



- 10 Set the WEIGHBRIDGE in place without glue in order to position the LOBBY correctly. Fix the ROOFS and STEP.



Prepare the RIDGE TILES in the same way as the CORNER FRAMING and glue them to the ROOFS. Similarly, prepare the CHIMNEY STACK, adding the CHIMNEY TOP. Cut out and dampen the CHIMNEY POT. Starting from the white end, roll tightly between the finger and thumb until it becomes a solid rod (Fig. 5). Fix in place using a generous amount of glue, add the SIGN glued double to complete the model.

