

# Instructions for Kit No BK002 - 1/12 Greenhouse

This is a kit for a typical 8ft x 6ft greenhouse with a brick base.

## Contents of the kit:

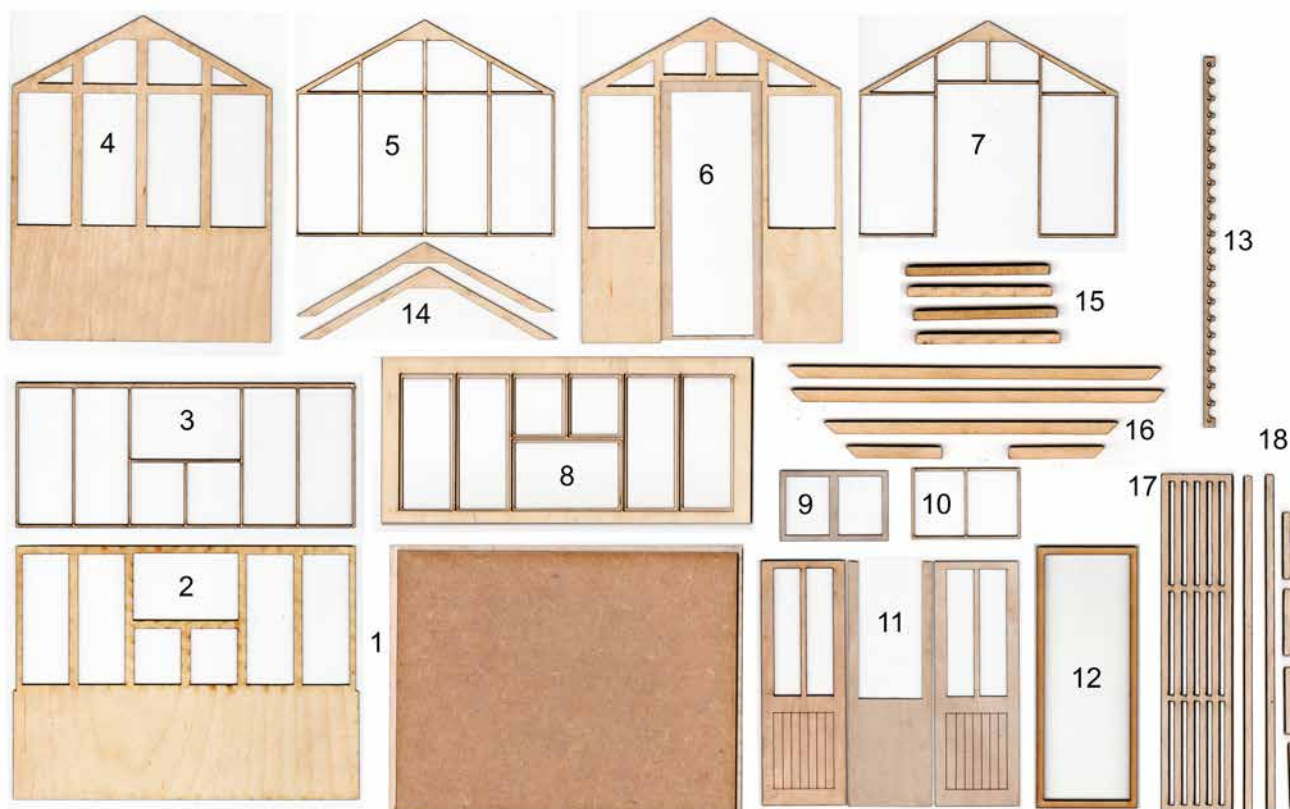
Ref	Description	Qty
1	floor assembly	1
2	sides	2
3	side glazing bar overlay	2
4	rear wall	1
5	rear wall glazing bar overlay	1
6	front wall assembly (door opening)	1
7	front wall glazing bar overlay	1
8	roof assembly (mitred to fit together)	2
9	opening window frame	4
10	opening window glazing bar overlay	4
11	door facings and spacer	1
12	door frame	1
13	decorative ridge	1
14	roof trusses	2
15	square strip for corners	4
16	strips for sills	5
17	staging	2
18	staging support strips	6
19	glazing packs	2
20	door handles, hinges and latch	1
21	card overlay brickwork (not shown below)	6



To complete the kit you will need glue and paint. To complete the brickwork and floor DAS or similar air drying clay and suitable Impress Moulds are strongly recommended. Alternatively the enclosed card overlays can be used. Note that the sample shown above, on our website and on our stand at fairs has been finished using the DAS/brick mould method.

We recommend the use of Aliphatic Resin (as it dries quicker than PVA) with a pin point applicator for assembly of the main parts of this kit and Glue'n'Glaze to fix the glazing.

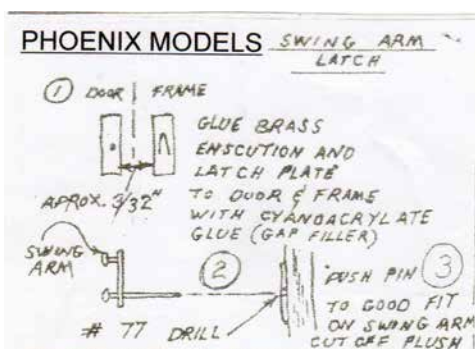
Note the plants and accessories shown in the photo above are not included in the kit.



## Assembly

Note that the engraved brickwork on the side and end walls is on the inside to represent brickwork that would usually be whitewashed. The door/frame is designed to open outwards and can be fitted for left or right opening. The opening windows can be fixed in either the open or closed positions. Two optional lengths of staging are provided for either side of the greenhouse. Omit one or both of these if you want to have tomato or similar tall plants in the greenhouse.

1. Glue the glazing bar overlays (3, 5, 7, 10) onto the sides (2), end walls (4, 6) and opening window frames (9).
2. Assemble the door (11). The door facings are different thicknesses - the thin one should be to the outside. The spacer allows for the glazing to be inserted after painting.
3. If you are going to fit the staging, start by fixing the staging support strips (17) to the side and end walls. Use the brick courses as a guide to alignment. Aligning the bottom of the strips to the bottom of the top course of bricks gives a suitable height for the staging.
4. Paint all the main components of the kit - walls (2, 4, 6), roof (8), opening windows (9), door/frame (11, 12), roof trusses (9) and the staging (13). It is best to remove the paint from the edges of components where they will be glued together. This can be done by scraping or sanding when the paint has dried. The paint may initially make some of the parts warp but this should be corrected if both sides are painted.
5. Apply an appropriate finish to the floor (1). Typically this would have been a brick, tile or paving path down the centre with soil or gravel on either side or bricks, tiles, etc over the whole floor. These can be represented using DAS or similar air drying clay and the Impress Moulds we supply, using acrylic paints to colour the surface when the clay has dried. Alternatively the card overlay supplied in the kit can be used - this can also be coloured with acrylic paints.
6. Glue the square corner posts (15) to the side of the front and rear walls aligning the bottom of the post with the bottom of the window frame and keeping the post flush with the inside of the wall. When the glue is dry cut/sand the top of the post, as necessary, to match the profile of the top of the walls. The posts could be painted at this stage or later when the building is assembled.
7. Remove the protective covering from the glazing (19) and fit it into the walls, roof and opening windows. Check the fit carefully as some of the pieces of glazing for different locations are similar in size. Glue'n'Glaze is recommended for fixing the glazing as it dries clear. The glue should be applied sparingly so that it doesn't ooze out onto the glazing. Make sure the glazing is pressed firmly into the frames. A cocktail stick or similar can be used to remove any surplus glue.
8. Slide the glazing into the door and attach the door to the door frame (for either left or right opening as required) using the hinges provided. Drill a hole through the door and fit the door knobs (you may need to cut a bit off the pin of the knob to fit both door knobs). Fit the latch to the door following the instructions below.



9. Glue the door/frame assembly into the aperture in the front wall.
10. Glue the rear wall onto the step in the floor assembly.
11. Glue a side wall onto the step and to the rear wall. Note that the lower part of the wall fits onto the edge of the rear wall and the upper (window frame) fits onto the square corner post.
12. Glue the other side wall and front wall in place.
13. If required glue the staging (17) onto the staging support strips (18).
14. Glue the sill pieces (16) immediately below the window frames on each of the walls - some sanding of the ends may be required to get a good fit.
15. Use masking tape to hold the top edges of the two roof sections (8) together (note the opening windows and mitred edges are to the top). Apply a fillet of glue along the join between the roof sections and then glue the roof trusses in place on the inside edge of the outer frame (so that they fit between the end walls). You may find it easier to use superglue to fix the roof together as it sets much quicker.
16. Sand the top edge of the roof to create a narrow flat section and glue the decorative ridge in place.
17. Paint the sills, corner posts and decorative ridge.
18. The roof can be fixed or left loose to allow access to the inside of the greenhouse.
19. Cover the lower part of the walls with DAS and use a stretcher bond (this is a single thickness wall) impress mould to create the brickwork and paint with acrylic paint, as described in the instructions supplied with the mould. Alternatively the card overlays supplied in the kit can be used - these can also be coloured with acrylic paints. Whichever method is used ensure that the front wall has the full and half bricks to the edge and the cut bricks to the door frame. Ensure that all corners have the correct brick arrangement - a full brick on one wall should join to a half brick on the next wall and the joins should be in line.
20. Finally, glue the opening windows to the top edge of the apertures with the windows in the open or closed position, as required.

