

ANSELL INDUSTRIES
CRAFTSMAN STYLE MODEL STRUCTURES



The Blue Bell (N 028)
Instruction sheet

Why not send us a picture of your completed model to:
simon@nscalelaser.com

Don't forget to check out the ever-expanding
range of **N Scale Laser** kits!

www.nscaelaser.com

Follow us on Facebook – **Ansell Industries**

Thank you for purchasing this quality precision laser cut kit. We hope you enjoy assembling and painting it as much as we did designing it.

Please read these instructions carefully and fully before starting assembly to familiarise yourself with the parts and method of assembly

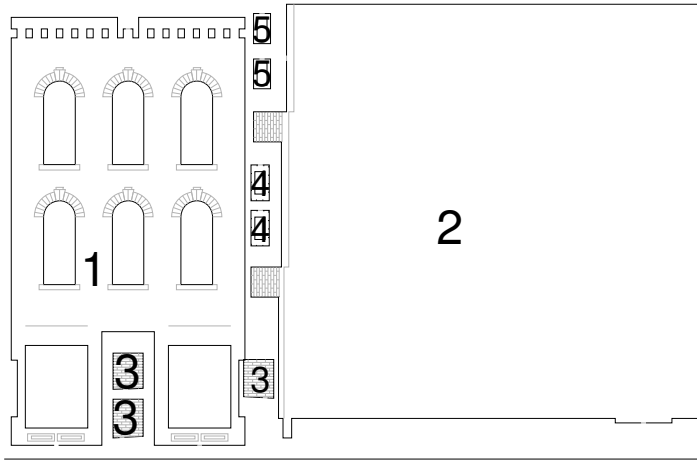


Finished model:
41 x 78 x 76mm 1.6 x 3.1 x 3" (W x D x H)

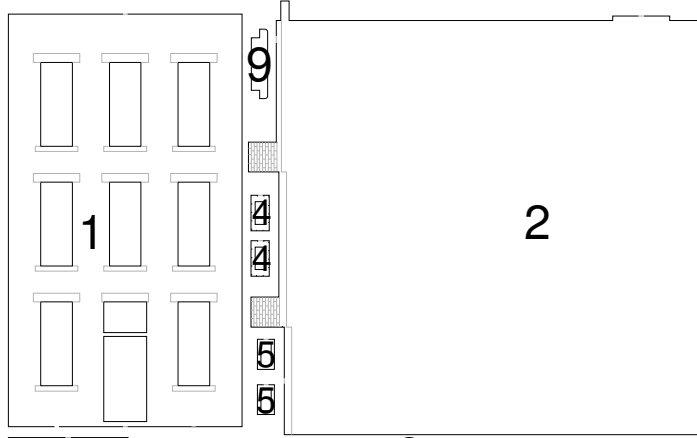
Made in the UK



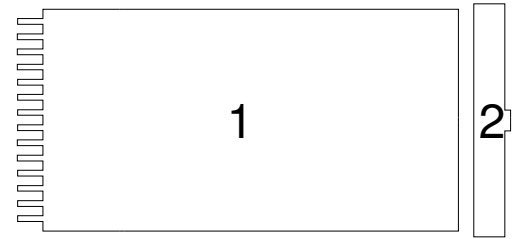
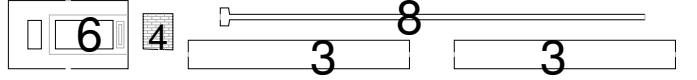
www.nscaelaser.com



MDF "A"



MDF "B"



MDF "C"

The inside of the building could easily be detailed by adding some card floors and paper curtains. You could use an N Scale Laser micro LED to illuminate it – bought from <http://www.nscalelaser.com/shop/n-scale/micro-led/>

Chimneys

The chimney stacks are completed using the brick engraved sides and pieces A3 and B4. These are glued on the inside faces of the sides, resting on the roof. Note the pieces have a slight angle on them to match the roofline. Trim any excess off the top once the glue has cured.

Chimney tops.

Remove A4 (x2) & A5 (x2) from the frame.

Mount A5 on top of A5 and mount on the top of the chimney stacks.

Repeat for B4 (x2) & B5 (x2)

Front Door

Remove B6 and paint.

Fit behind the front aperture and glaze.

Rainspout

Remove B8 and paint.

Fit the rainspout on either side of the rear of the building.

Façade (2)

Apply a few dots of adhesive around the rear of the façade and place onto the front of the building being careful to align the edges with the building.

Cut two rectangles of glazing out (10.5mm x 14.5mm / 0.41" x 0.57") and mount behind the shop windows.

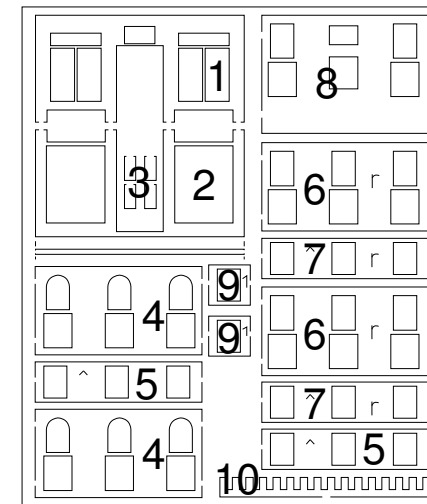
Remove B9 and glue at the bottom of the front door as a door step.

Windows (2)

Apply a few dots of adhesive to the window assemblies and carefully place behind the apertures in the front and rear faces, taking care to align the frames inside the cut-outs.

Rear Door (2)

Apply a few dots of adhesive to the door/window assembly and carefully place behind the aperture in the rear face, taking care to align the frames inside the cut-outs.



Manilla "D"

This kit contains 1mm/ 0.04", 1.5mm/0.06" laser cut MDF, laser cut oiled manilla card and a glazing sheet.

Assembly

Recommended Assembly Equipment

- Sharp hobby knife
- Cutting board
- 600 grade wet and dry (Emery) paper
- Small pliers and tweezers
- Engineer's right-angle
- Straight edge
- Wood glue/ PVA/ Elmers
- Primer and paint
- Elastic bands/ magnetic jig fixture
- Old blunt knife blade/ cocktail stick

We recommend priming the MDF parts while they are still attached to the fret. Sealing the MDF with several light coats of automotive primer will help prevent warping. **WARNING:** use very light coats to prevent the laser scribed detail becoming filled with paint! Test fit all parts prior to gluing – it is easier to address any issues before parts are fitted.

Turning the MDF parts over helps to identify where the fastening tabs are located. Break parts out of the sheet by running a sharp knife over the fastening tabs until the parts are loose. **Do not attempt to push parts out of the frame as this will damage the part.**

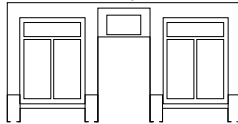
Front Façade

Manilla sheet “D” should be primed using a good grade auto primer before work commences.

Remove D1 and D2 using a sharp knife to cut through the fastening tabs.

Apply several small dots of white glue onto the rear face of D2 and carefully align the top and side edges with D1.

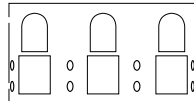
Remove D3 (x4) and fasten to the bottom pillars of D2 as shown below.



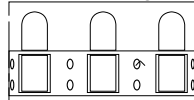
Window assembly

Remove parts D4 (x2) and D5 (x2).

1. Apply several small dots of white glue between the window apertures and at either end of part 4.



2. Place D5 carefully onto the lower window cutouts with the arrow pointing upwards towards the arched window.
3. Align the parts so that the sash is aligned centrally with the frame.



Repeat steps 1 – 3 above for parts D6 and D7.

Repeat steps 1 – 3 above for parts D8 and D9, placing D9 on the lower outer sash's either side of the door (center).

You may wish to paint these parts now as painting once fitted to the building is difficult.

Glazing

Cut suitable strips of glazing from the supplied acetate sheet to glaze the windows. Fit glazing to the façade windows once these are attached to the building.

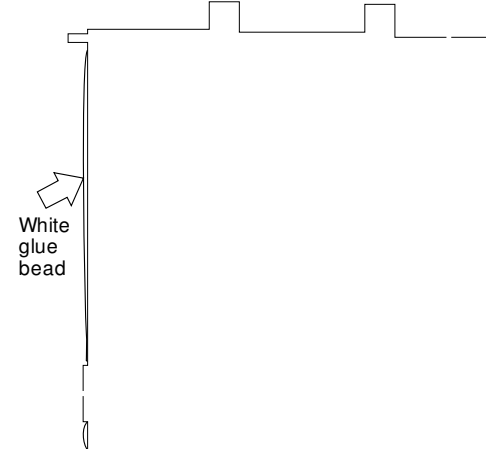
Place these parts safely to one side until later.

Main Shell

Carefully remove A1, A2, B1, B2 and C1 from their sheets. Clean any tab marks carefully.

Carefully slide the fingers of C1 through the cut-outs on A1.

Apply a thin bead of adhesive to the end of A2 that features the tab.



Slide this onto the right hand side of A1 ensuring that excess adhesive is removed from the inside and outside faces. Use the tabs to ensure good alignment.

Repeat for B1 on the left hand side.

Ensure that A1, A2 & B1 are kept true to each other while the adhesive cures such that the building sits level.

With side walls fastened to the front, you can choose the angle of slope on the roof. It should gently slope down towards the rear, but the roof should be hidden by the walls. Apply a small amount of adhesive to the underside between the walls and roof.

Apply a bead of adhesive down the rear faces of A2 and B1 and fasten B2 ensuring that the door aperture is at the bottom and that the walls are flush to minimise evidence of joints. Remove excess adhesive from inside and outside and leave to dry.

Remove D10, apply a few dots of adhesive to the fingers on the front of the building and lay on top of the exposed fingers of C1.

Remove C2, apply a few dots of adhesive on top of D10 and into the slot formed by A1 and C1 and place C2 on top of the front.