PN185 N Scale Industrial Unit

CHECK LIST
This kit should contain the following:
1 x SHEET A. Printed kit parts.
1 x SHEET B. Printed kit parts.
1 x GREY CARD. Inner Supports.
1 x GLAZING sheet.
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!

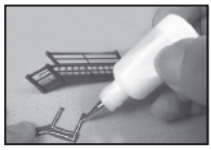
To construct this kit you will need the following:

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.

GLUES

UHU Solvent Free All Purpose Adhesive Glue
Also **Deluxe Materials 'SPEEDBOND'**
see: www.deluxematerials.com
Both work in our:
Metcalfe Ultra Fine Glue Tip Applicators.

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.

INSTRUCTIONS

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.

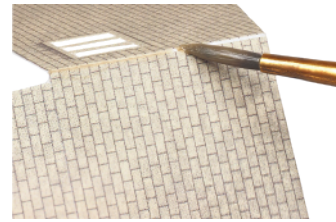
2 PAINTING EDGES & CORNERS

Before you go any further it is best to paint the white card that shows on the corners and edges NOW before any building work.

All you need is a simple set of water colour paints and a fine brush.
We use these Rowney paints and the lid is used for mixing the colours.

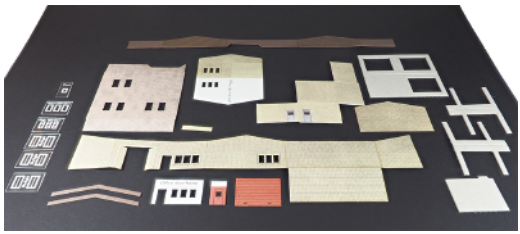
Mix your colour with lots and lots of water, approx. 1 part paint to 5 parts water or more. TEST ON WASTE CARD FIRST UNTIL YOU HAVE THE CORRECT SHADE & COLOUR.

For this kit you will only need to mix yellow and white with a touch of black and brown to make a dirty pale yellowy grey colour, lots of water as well. You don't want to be painting a solid line of colour, you only need to tint the card a little. Fold corners fully back then run the brush along the score and let the watery tint soak into the card. Rub in the paint and wipe off any excess.



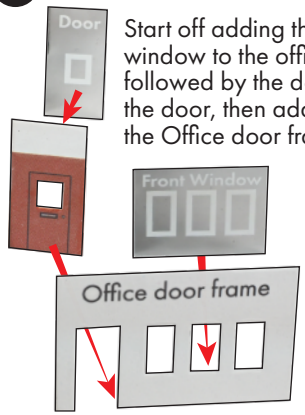
3 MAKE YOUR 'BUILDERS YARD'.

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



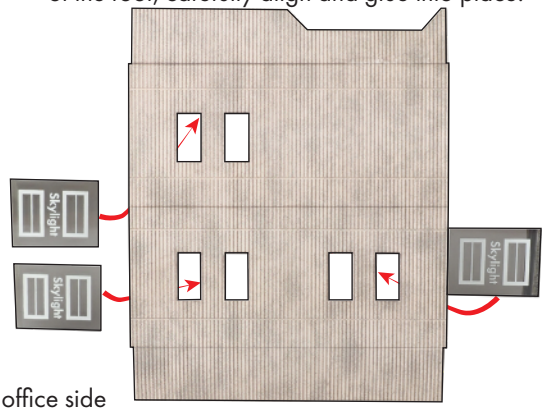
LET'S START TO BUILD!

4 WINDOWS.

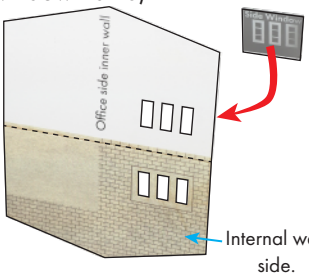


Start off adding the front window to the office door frame, followed by the door window to the door, then add the door to the Office door frame.

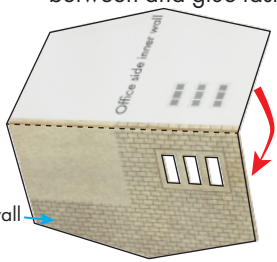
The three skylight windows fit to the underside of the roof, carefully align and glue into place.



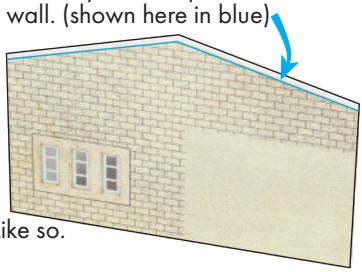
Add the side window to the back of the office side inner wall (facing through the **UNPRINTED** window frame)



Then fold the office side inner wall in half with the glazing sandwiched in between and glue fast



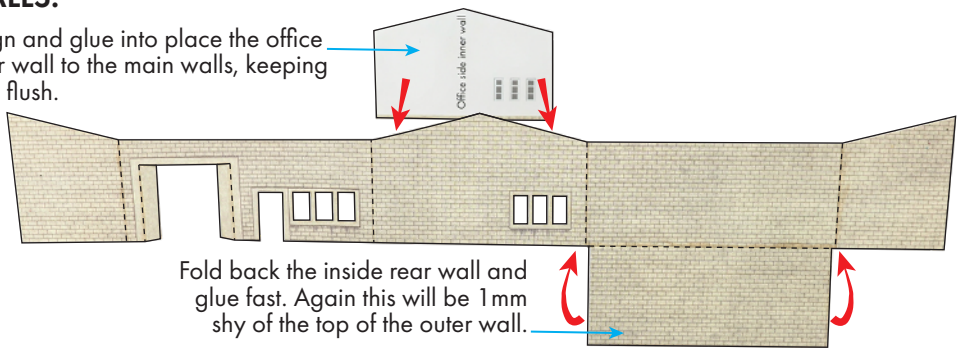
Note that the inside wall will be 1mm shy of the top of the outer wall. (shown here in blue)



Like so.

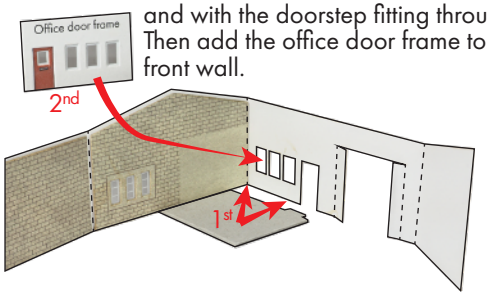
5 WALLS.

Now align and glue into place the office side inner wall to the main walls, keeping all edges flush.

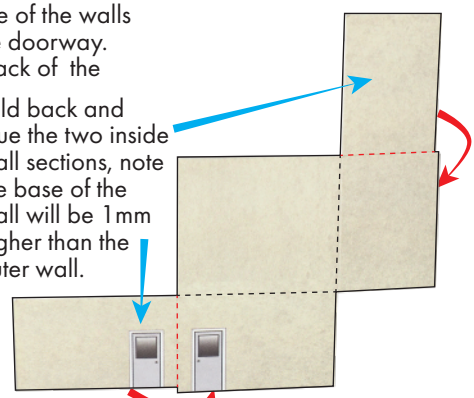


Fold back the inside rear wall and glue fast. Again this will be 1mm shy of the top of the outer wall.

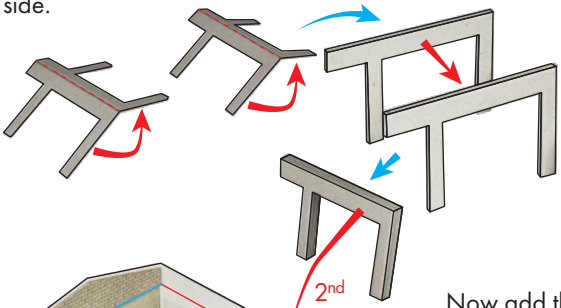
First add the office floor flush to the base of the walls and with the doorstep fitting through the doorway. Then add the office door frame to the back of the front wall.

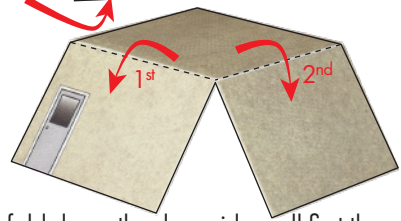


Fold back and glue the two inside wall sections, note the base of the wall will be 1mm higher than the outer wall.

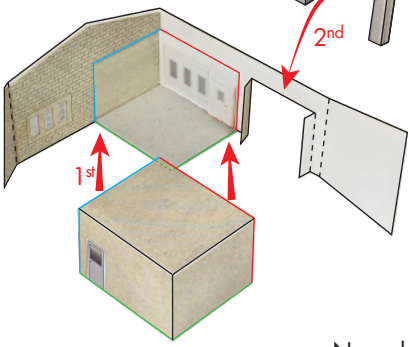


Fold in half the two bay door formers from the strengthener card then glue them both together to form a solid block four layers thick, and put to one side.





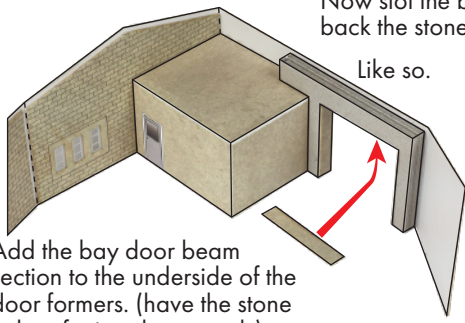
Then fold down the door side wall first then the other wall flush to it, to form a three sided cube.



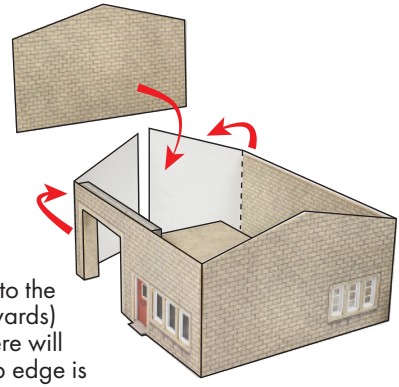
Now add the office to the model.
Only add the bay door former block after the office is in position.
Once the office walls have set, slot into place (test the fit before adding into place).
Below the edges that are coloured the same marks the fit.
The blue edge fits flush against the stonework.
The red edge fits flush over the front wall window/door frame
The green edge fits flush to the floor base with the internal wall sitting atop the floor.

Now slot the bay door former into place and fold back the stonework flush to the uprights.

Like so.



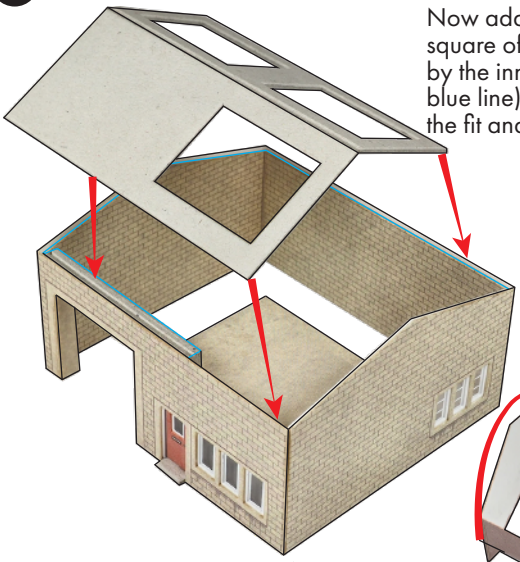
Add the bay door beam section to the underside of the door formers. (have the stone colour facing downwards)



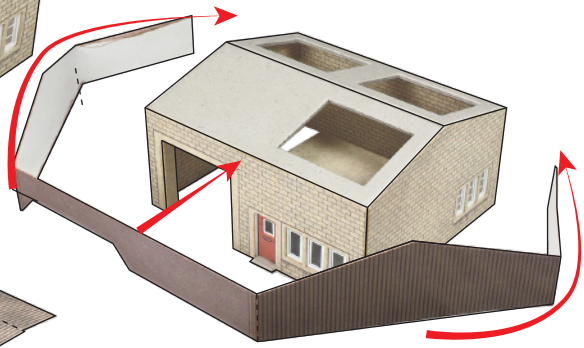
Now fold the walls around and join them to the bay inner wall (the printed side facing inwards) keeping the bottom edges flush, again there will be a 1mm ridge where the inner wall's top edge is shy of the outer walls.

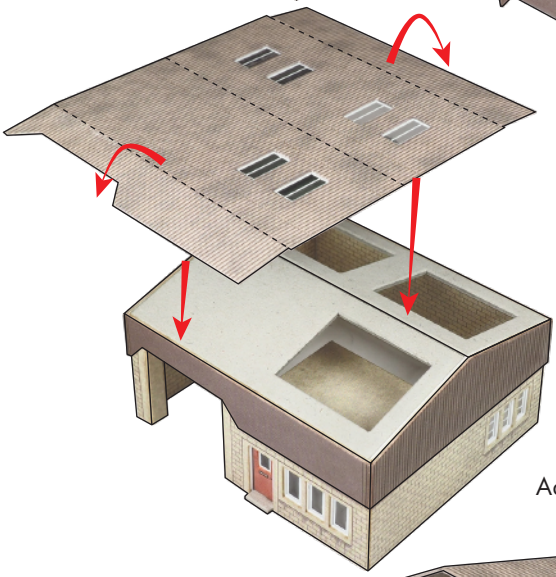
6 ROOF & FINISHING TOUCHES.

Now add the roof former from the strengthener sheet to square off the building. This sits on the 1mm ridge formed by the inner walls and the bay door former (marked with a blue line) and lies flush to the tops of the outer walls. Test the fit and glue into place.



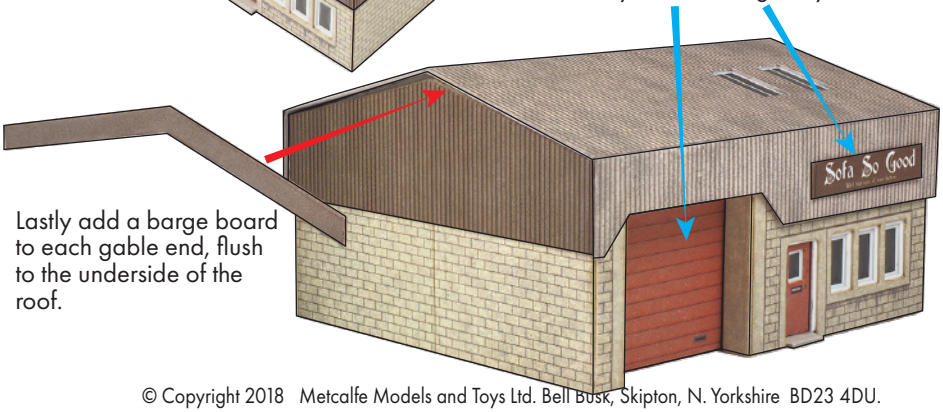
The roof trim wraps around the whole building. Keep flush with the wall tops. Start with the front and gradually work your way around the building to avoid the trim slipping out of position joining flush at the rear of the building.





Now add the roof, carefully centre the roof with an even overhang at each gable end. Then fold down the front and rear sections and glue fast to the trim. Hold in place until the glue sets.

Add a bay door and sign of your choice.



Lastly add a barge board to each gable end, flush to the underside of the roof.