PO216 RED BRICK PLATFORM KIT

To construct this kit you will need the following:

1. A Modellers knife.
2. A pair of sharp pointed scissors.
3. A steel ruler.
4. Glue - UHU Clear Adhesive or Bostik Clear Adhesive are best. Make sure you get the tubes with the narrow nozzle for easy application.
5. A cutting surface - a sheet of card or a cutting mat.
6. Tweezers to hold the smaller components

READ THROUGH ALL THE INSTRUCTIONS BEFORE YOU START. This is complex kit that requires particular attention to fine details.

Most of the comonents are fastened to the sheet by means of a score line. These are cut lines that have only gone about three quarters of the way through the card. To detach each component from the sheet, locate the score line that is holding it in place and run your knife along to release.

CHECK LIST This kit pack should contain the following:

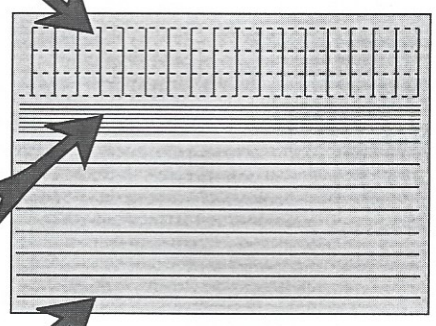
2 x A3 Printed sheets containing the wall strips .
1 x Sheet SELF ADHESIVE edging strips.
4 x A4 Tarmac top sheets.
3 x PLAIN DIE CUT GREY SHEETS.
1 x Instruction sheet (this one).

GREY DIE CUT CARDS

The plain grey cards contain strips and tabs used to strengthen and hold the platform together.

Tabs for bracing against the back of the walls. cut out so that each tab has a score in the centre so it can be folded in two.

The narrow grey strips are used on the underside of the platform edge to space the printed walls back allowing the top to overhang.



Wide strips used to strengthen the platform in a box type structure from underneath. They are also to be used as spacers, inside the upper walls.

There are three of these grey cards in this kit.

This platform kit is totally versatile and allows the modeller to build platforms to any shape required.

The make up of the platforms are quite simple, as these cross sections show.

Fig.1. PLATFORM WITH BACK WALL.

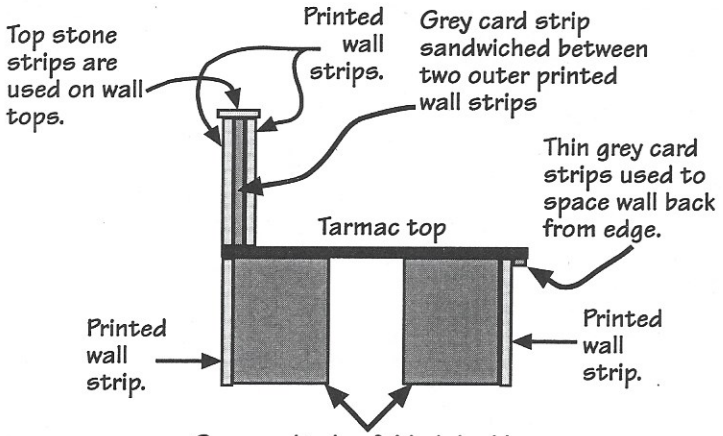
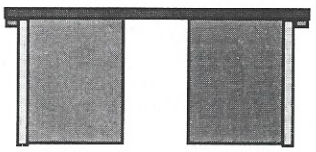


Fig.2. ISLAND PLATFORM.

Just the same as Fig.1. but with the overhang on both sides.



PLANNING YOUR PLATFORM.

It is important that you plan exactly how much platform you need and just where it will stand, before you start to build.
If you are building straight edged platforms, this is relatively easy. There is no need to follow instructions 4 & 5.

If you need ramps, then you will need to score along the top 43mm from the end of the platform to allow the card to bend down the slope.

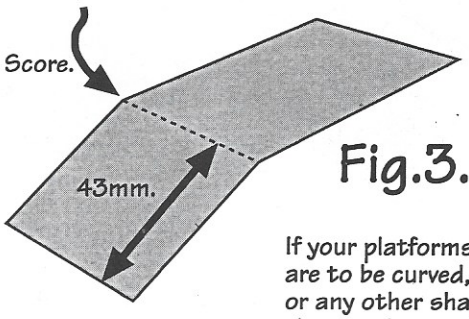


Fig.3.

If your platforms are to be curved, or any other shape, then read on....

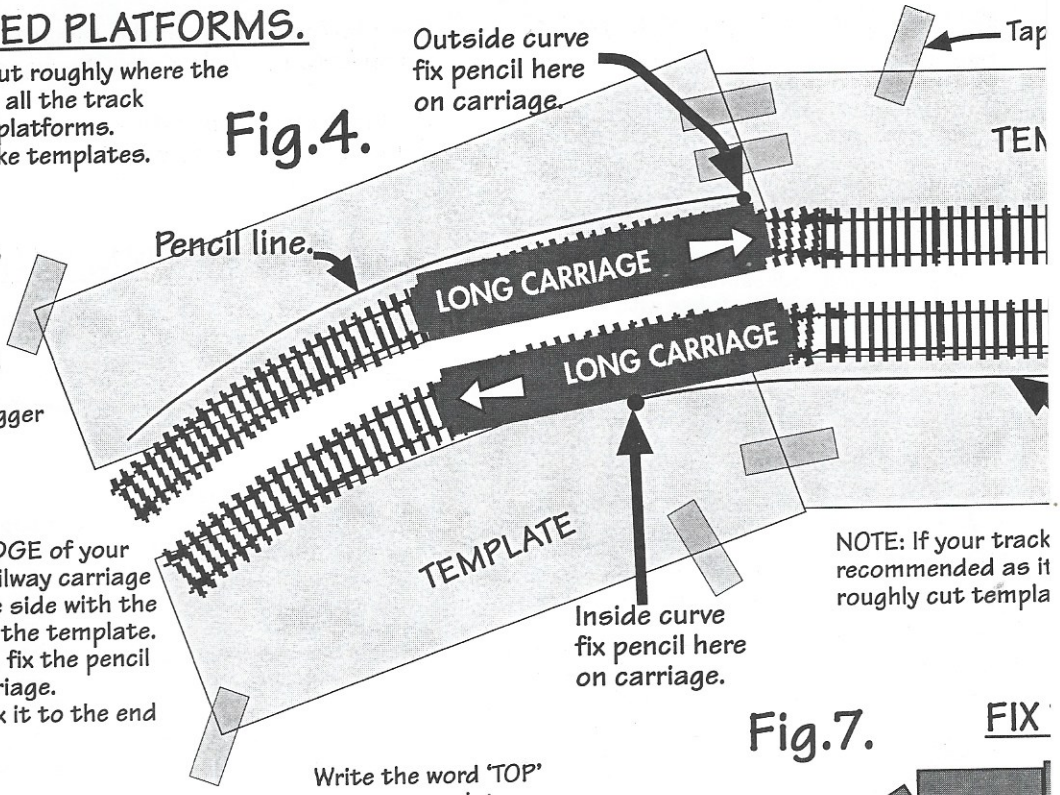
CUSTOM SHAPED PLATFORMS.

Once you have mapped out roughly where the platform is to stand, lay all the track that will run around the platforms. Next you will need to make templates.

TEMPLATES.

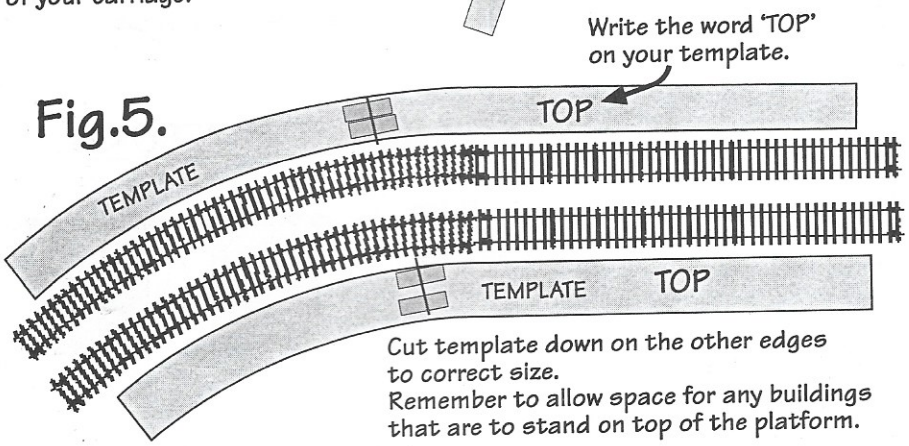
To make your templates, you will need large sheets of card.
Cerial packets opened out are good for the job, or even wallpaper.
Always cut the cards bigger than the finished size.
Tape the card together and fix to the base underneath the track.
To mark out the RAIL EDGE of your platform, take a long railway carriage and tape a pencil to the side with the point firmly pressed on the template.
For the inside rail curve, fix the pencil in the centre of the carriage.
For the outside curve fix it to the end of your carriage.

Fig.4.



NOTE: If your track recommended as it roughly cut templa

Fig.5.

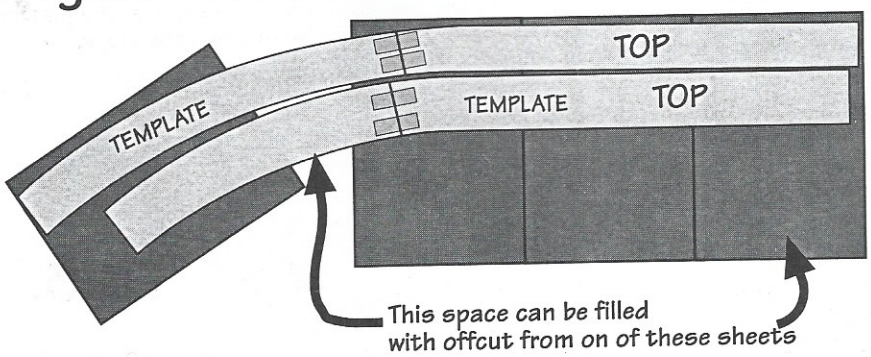


Cut template down on the other edges to correct size.
Remember to allow space for any buildings that are to stand on top of the platform.

Great care must be taken when cutting the template. On curves, cut with a very steady hand if using a knife. Alternatively, large scissors for cutting the curves are good. When cutting straight edges always use a steel rule to guide your blade.

The none rail edges are just as important, Take great care to plan out and cut smooth edges it makes it a lot easier to fit walls flush to the edges.

Fig.6. GETTING THE BEST CUT.



Lay the tarmac sheets against each other underneath the template try a few variations until you are happy you are getting the best cut with the least amount of waste.

Fig.7. FIX

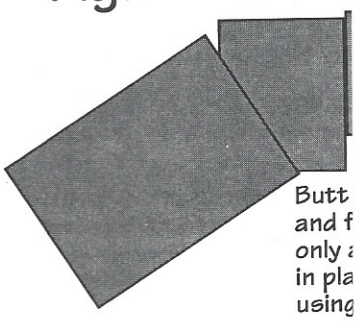


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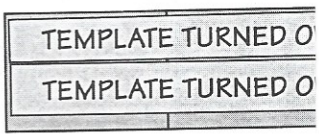
Fig.8. FIX TEMPL



TURN THE TARMAC AND
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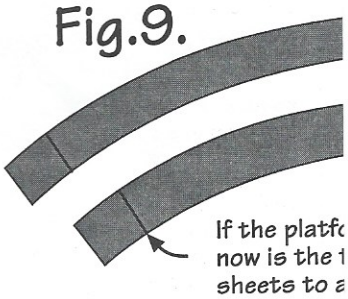
(only enough to hold in pl
templates back off when
Next, either draw or cut a
on thin card or paper, dra
carefully cutting the shap

Fig.9.



If the platf
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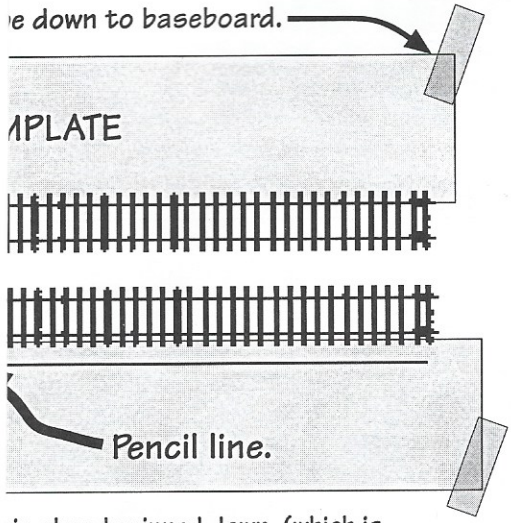
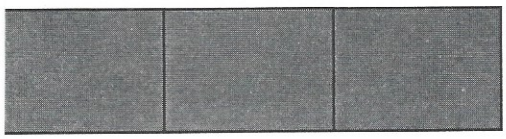


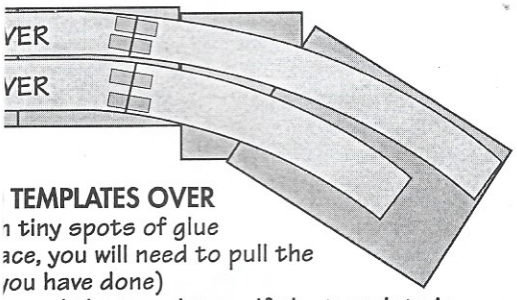
is already pinned down, (which is
will keep everything in place)
te card to fit up to the side of the track.

TARMAC TOGETHER.

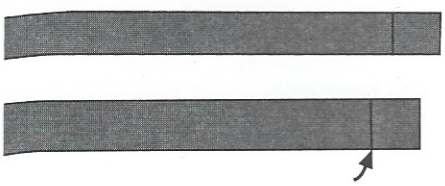


end the edges of the tarmac together
ix underneath firmly with tape. This is
a temporary measure, once the walls are
ce the joints can be fixed more permanently
card.

ATES TO BACK OF TARMAC



TEMPLATES OVER
tiny spots of glue
ace, you will need to pull the
ou have done)
round the templates. If the template is
wing is probably the best option, then
es after the templates have been removed.



rms are to have ramps at the ends,
ime to score the surface of the top
llow the card to bend down (see Fig.3).
t half way through the card.

THE UNDERSIDE OF YOUR PLATFORM.

Fig.10. THIN GREY CARD STRIPS.

Turn the tarmac top over and place face down on your VERY CLEAN work surface.
Fix the thin grey card strips to the RAIL SIDE edge of the platform.
Fit FLUSH to the edge.

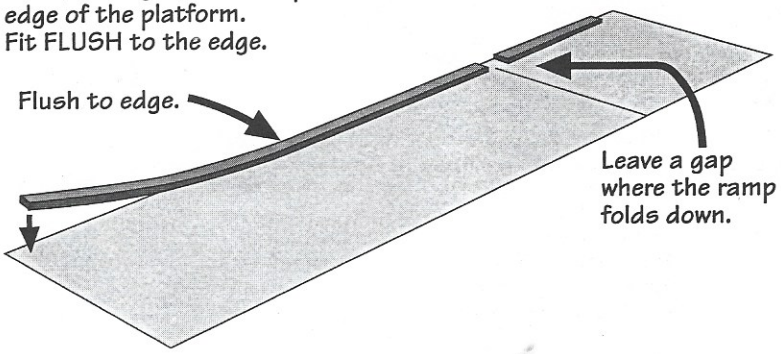


Fig.11. RAIL SIDE WALLS.

Stand the walls vertically and fix up against the thin grey strips.

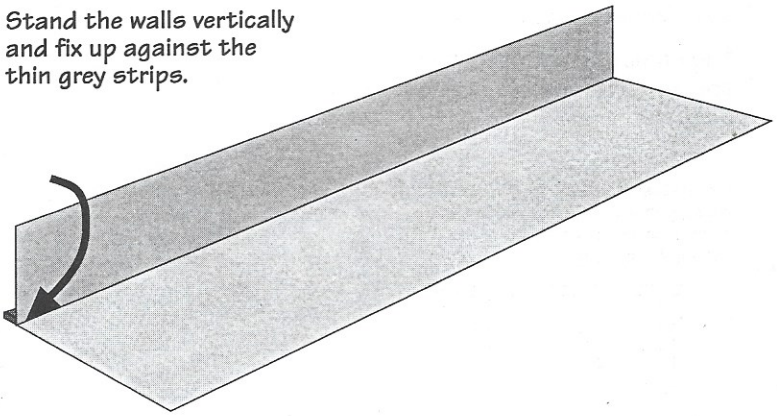
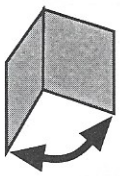
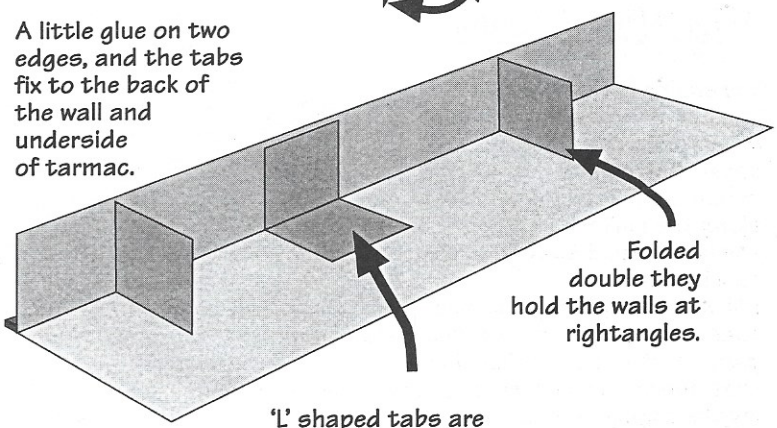


Fig.12. GREY FIXING TABS.

Located on grey sheet 'A' are lots of little tabs, that when cut out correctly, should have a scoreline in the centre so that you can fold them in half and glue them double thickness.
ALTERNATIVELY, they can be folded to form 'L' shaped fixing tabs.



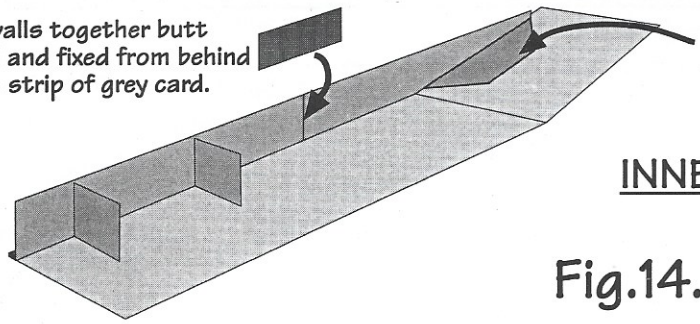
A little glue on two edges, and the tabs fix to the back of the wall and underside of tarmac.



'L' shaped tabs are useful to fix walls to tops, but they can get in the way of the longer strengthening strips.

Fig.13. JOINTING WALLS AND MAKING RAMPS.

Join walls together butt ended and fixed from behind with a strip of grey card.

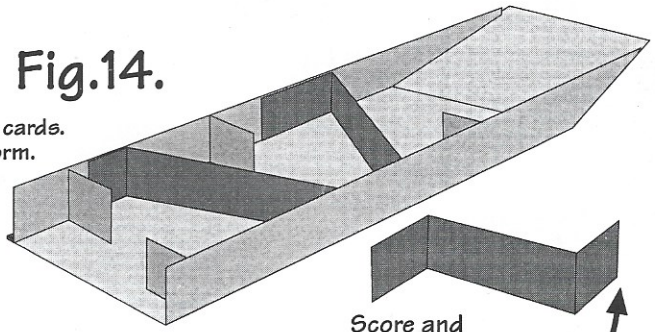


Fold tab back and fix to underside of ramp.

INNER STRENGTHENER STRIPS.

Fig.14.

The strengthening strips are located on both grey cards. Simply cut to length and fit underneath the platform. Score and bend the ends to make tabs and fit in any way you like criss-crossing from side to side. The more you put in the stronger the platform. You can also use the strips to make walls thicker, which is useful on walls that fit flush to the edge.

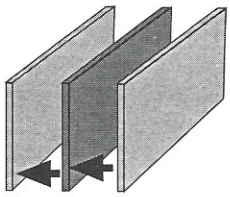


Score and bend to make tabs

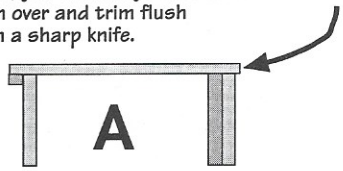
Fig.15. UPPER WALLS.

The upper walls are made up of two printed walls with one grey card strip sandwiched in between.

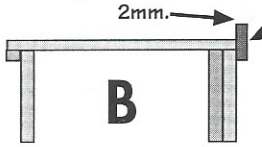
The easiest way to fit to the platform top, is to assemble in the following sequence:



No matter how careful you are fitting the back walls, you will always have little bits overhanging. Turn over and trim flush with a sharp knife.

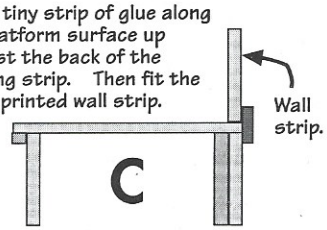


Start by fixing the capping strip so it covers the edge of the tarmac, with 2mm. standing above the surface.

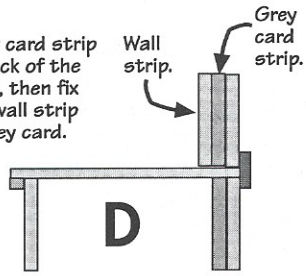


CAPING STRIP
Cut some of the red brick wall strips down to apx. 4mm wide (3 out or four bricks deep)

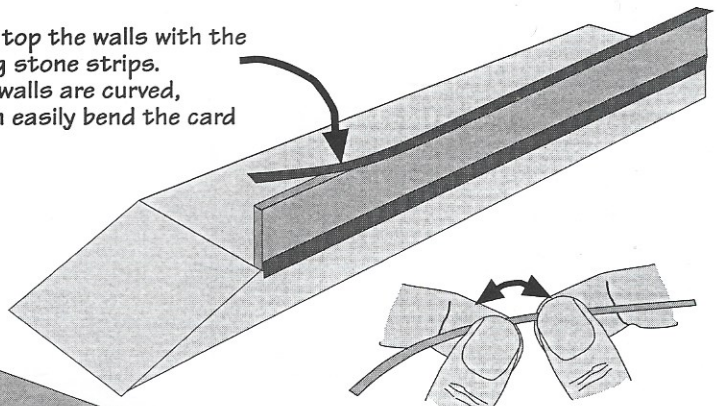
Run a tiny strip of glue along the platform surface up against the back of the capping strip. Then fit the outer printed wall strip.



Fix a grey card strip to the back of the wall strip, then fix another wall strip to the grey card.



Finally, top the walls with the capping stone strips. If your walls are curved, you can easily bend the card to fit



To bend top stones, carefully bend, bit by bit, feeding the strip between forefingers and thumbs.

Fig.15. EDGING STRIP.

The edging strips are located on a sheet of self adhesive paper. The edging strips are partially cut along the surface and can easily be peeled away from the backing sheet.
Stick the strips firmly to the platform edge and burnish to make them stick permanently. Burnishing also irons out any creases that appear in the surface of the paper, when you lay the edging around corners.
Tight corners may need cutting here and there to stop it creasing too much.