PN142 N Gauge TUNNEL ENTRANCE (Double Track) INSTRUCTIONS CHECK LIST

This kit pack should contain the following:

 $2 \times \text{SHEET A}$ - Tunnel Mouth printed components.

- 2 x GREY Sheets with tunnel inner strengtheners.
- 2 x SHEET B Tunnel inner walls. 1 x SHEET C Capping Stone Strips

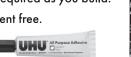
1 x A3 INSTRUCTION SHEET 1 (this sheet).

To build this kit you will need a few basic tools:

- 1. A modellers knife.
- 2. A cutting surface A cutting mat or thick card will do.
- 3. A sharp pair of scissors
- 4. A steel ruler.
- 5. Fine point tweezers.
- 6. METCALFE Ultra Fine Tip Glue Bottles (see opposite).

Speed Bond is slightly slow drying, ideal for where a little positioning is required as you build.

Also UHU All Purpose solvent free.

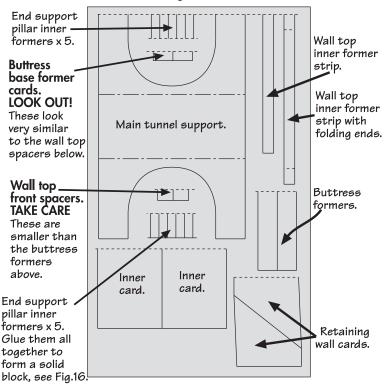


All tools & Glues available at: www.metcalfemodels.com

READ THROUGH ALL THE INSTRUCTIONS BEFORE YOU START.

GREY CARDS.

There are two identical thick plain grey cards. These contain the inner strengthening formers that hold the structure together.



Ultra Fine Tip Glue Applicators.

An absolute 'must' when building this kit. When used with Speed Bond or UHU perfect amounts of glue can be applied to very precise areas without any mess.

Speed Bond in an applicator was used to build most of this kit. UHU for fixing the glazing.

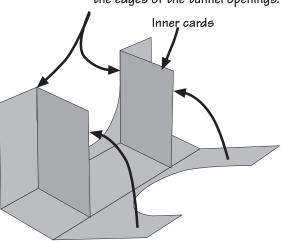
A METCALFE product supplied in packs of 3 Product code MT907 Glue not included

Extracting components from base sheets.

To stop the components falling off the base sheets, they are held secure with score lines (marked with blue arrows) = that cut 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. WARNING, Cut with care to reduce the risk of the blade running out of the score and cutting the component.



Fit the inner cards so that their edges are flush up against the edges of the tunnel openings.



Fold the main tunnel support side sections up against the two inner support cards.

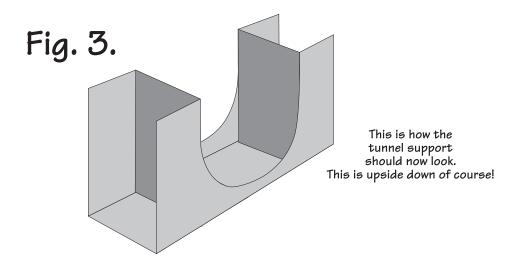


Fig. 4. ARCHED INNER ROOF & WALL SECTION (SHEET 'B').

This looks as though it could be difficult, but it's not - BUT BE CAREFUL. Cut along the back edge of the inner wall to release from the sheet. Next, fold back all the little grey tabs along the edge.

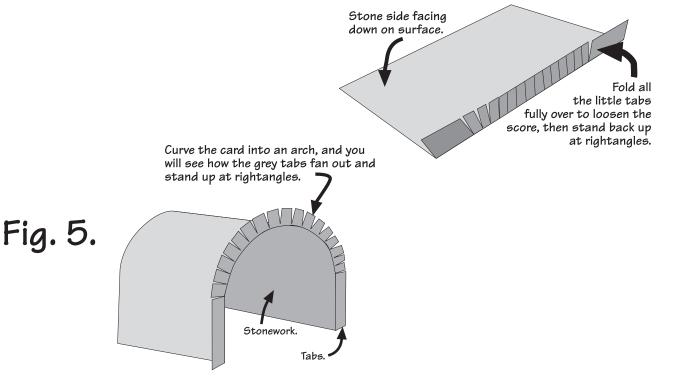


Fig. 6. FITTING THE ARCHED INNER ROOF & WALL SECTION.

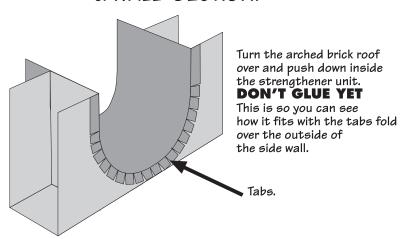


Fig. 7. APPLY THE GLUE.

Lift the arch out and apply the glue.

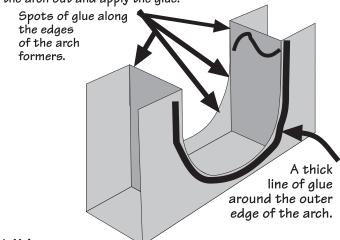


Fig. 8. FIT THE ARCH BACK IN.

Before the glue has a chance to dry, drop the arch back in so it sits in the same position that you had it in Fig. 6. then push the arch against the formers and fold the tabs on to the glue. Keep pressing all edges and tabs until the glue has set.

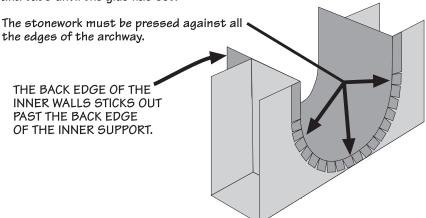
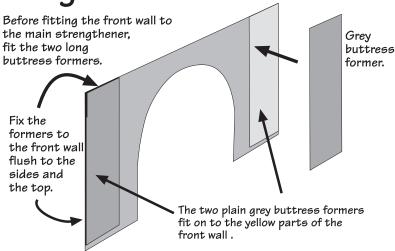
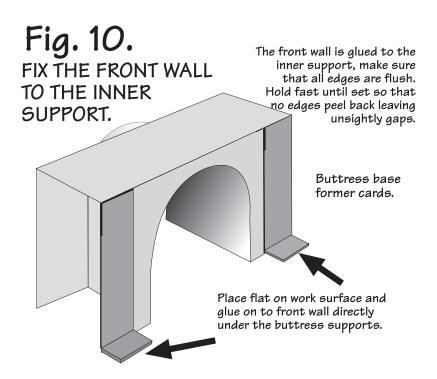


Fig. 9. THE FRONT WALL.







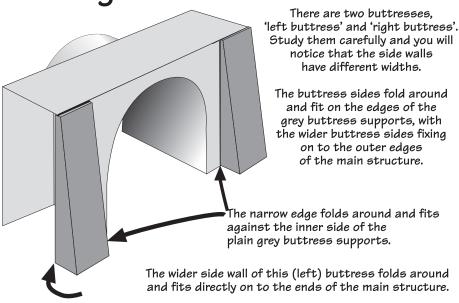
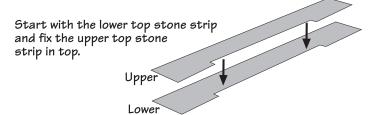


Fig. 12. THE TOP WALL SECTION.

The top of the tunnel has a stepped stone strip which acts as the base for the stone wall that sits on top of it.



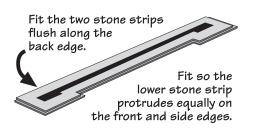


Fig. 13. WALL INNER FORMERS

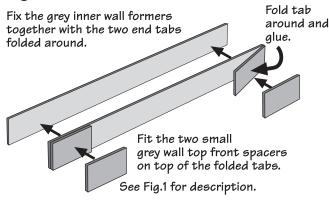


Fig. 14. WALL BACK

WALL FRONT

the two ends.

The top wall front section is fitted in to the recess between

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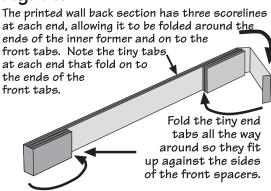


Fig. 15. FIX THE WALL ON TO THE TOP STONE STRIP

