

## Mainline Station Island Platform Buildings

### CHECK LIST

This kit should contain the following:

- 1 x SHEET Printed components.
- 1 x THICK GREY CARD Internal parts.
- 1 x SHEET L1. Laser cut canopy parts.
- 1 x SHEET L2. Laser cut canopy roofs.
- 1 x SHEET L3. Laser cut light grey card with canopy jigs etc.
- 1 x GLAZING sheet.
- 1 x EDGING & PATCHING SHEET.
- 1 x INSTRUCTION BOOKLET.
- 1 x RIDGE TILE SHEET.

### 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 will do.
- 7. Fine point tweezers.
- 8. Water colour paints and a very fine brush for painting edges and corners.

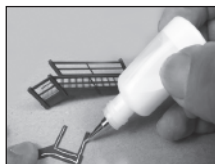
### METCALFE

#### Ultra Fine Glue Tip Bottles.

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

### GLUES

#### UHU Solvent Free All Purpose Adhesive Glue.

Works superbly well in our fine glue applicators. Dries quickly, but allows time for positioning of kit parts as described further on in the instructions.

Also Deluxe Materials 'SPEEDBOND' A fast drying PVA.

see [www.deluxematerials.com](http://www.deluxematerials.com)

### 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 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.

Example of builders yard.

Extract all the components from the printed card sheet and the thick grey card (see description on page 2) plus the window and door frames from laser sheet L3. Leave the rest of the laser sheets until needed.

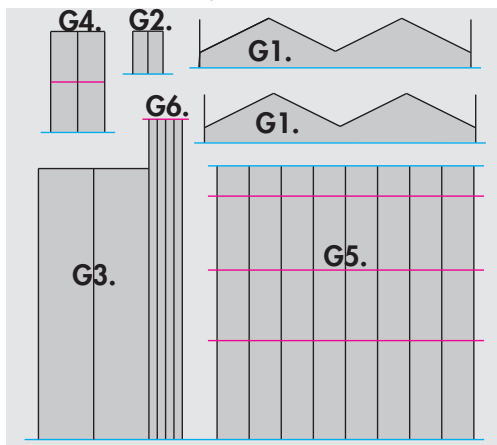
### 3 PLAIN GREY STRENGTHENER SHEET.

The thick grey card contains inner strengthening components.

These are not printed so there is the key printed below for you to identify them.

The **BLUE** lines indicate the score lines you will need to cut to extract components.

The **RED** lines are parts that fold, **DON'T CUT**.



#### KEY:

G1. Inner side wall spacers

G2. Inner end wall spacers.

G3. Ceilings - 1 x lower - 1 x upper.

G4. Roof truss supports

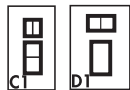
G5. Platform triangular supports x 8.

G6. Platform front edge spacer strips x 4.

### 4 GLAZING, WINDOWS & DOORS



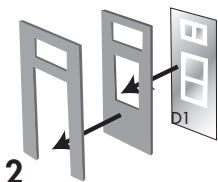
Cut out the glazings A1, B1, C1 and D1. Leave the rest until needed.



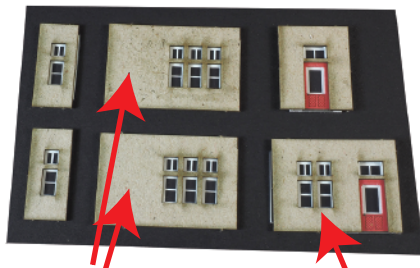
Attach the window glazings to the appropriate window frames. Matt printed side facing through the openings.

Door glazing to back of door, then door to back of laser cut frame.

Place in builders yard till needed.



NOTE: When fixing the glazings to the window frames they need to be like this.

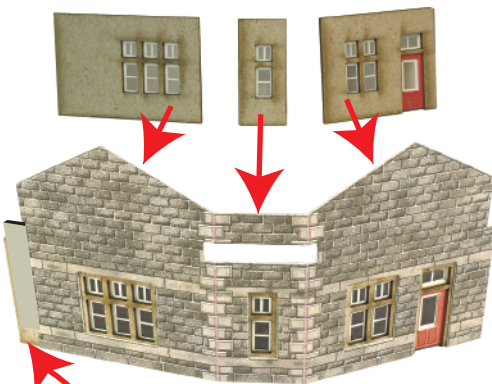


Wider blank sections to the left of the windows as these.

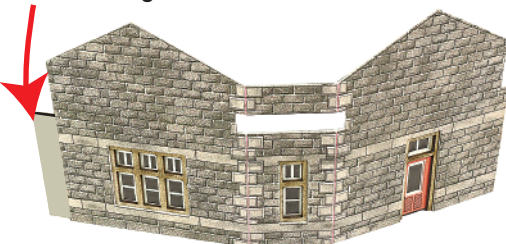
Windows to the left of the door on this section.

### 5 FIX WINDOWS TO THE WALLS.

Fix the windows and doors to the matching openings on both of the walls, bottom edges flush with the the outer walls.



The larger three sectioned windows stick out past the ends of both walls. These act as fixing tabs when fastening the two walls together.



## 6 PAINTING CORNERS & EDGES.

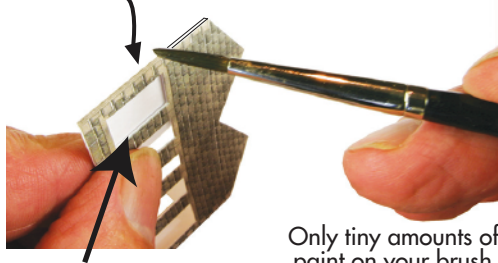
The white card that shows on the corners and edges is best painted **before you build the kit.**

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, apx. 1 part paint to 5 parts water or more.

TEST ON WASTE CARD FIRST UNTIL YOU HAVE THE CORRECT SHADE & COLOUR.

Fold the edges of the card back fully and gently run the end of your brush along the exposed white card.



Paint the outer edges too, and the inner edges of the window openings.

Only tiny amounts of paint on your brush. It's better to have to go over it a few times than to flood it with paint.

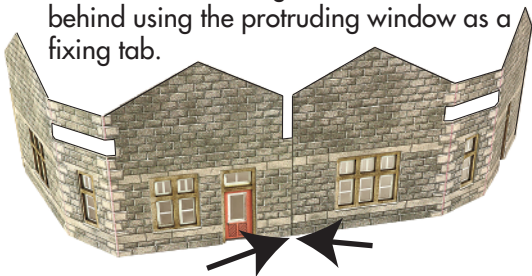
Then wipe away any paint that has run onto the printed surface before it dries.

Remember, you only need to just slightly tint the card with a little colour.

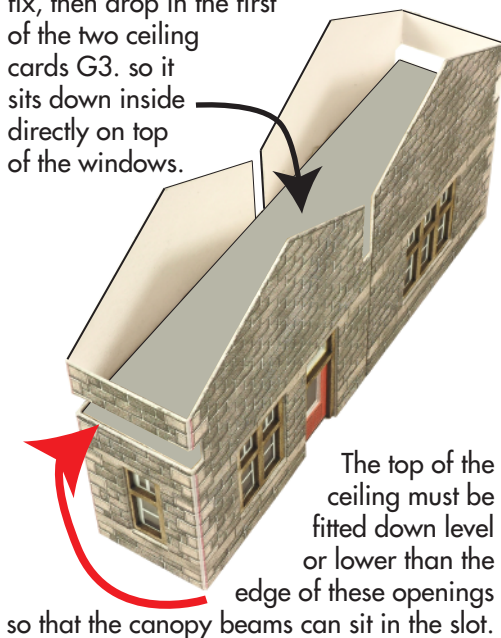
DON'T paint a thick solid line down the edges, you will only make it look worse.

## 7 JOIN WALLS TOGETHER.

Butt end the walls together and fix from behind using the protruding window as a fixing tab.



Fold the other side around and fix, then drop in the first of the two ceiling cards G3. so it sits down inside directly on top of the windows.



The top of the ceiling must be fitted down level or lower than the edge of these openings so that the canopy beams can sit in the slot.

Now place the building to one side.

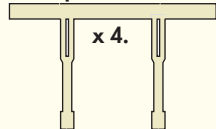
## 8 CANOPY COMPONENTS.

Now for the canopy, which is made up from the laser cut components on sheets L1.2.& 3. Carefully extract all the components and place in your builders yard.

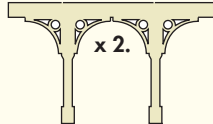
A description of each component is shown in the next column.

### LASER SHEET 'L1'

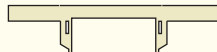
Outer posts with beam.



Inner posts with beam & brackets.



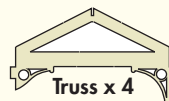
Cross beams. There are 9 of these.



Front gable x 8



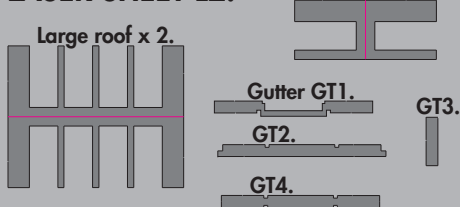
Long ridge plates x 2.



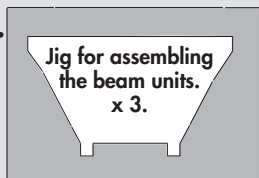
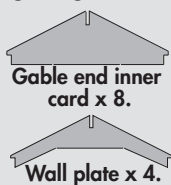
Truss x 4

Short ridge plates x 4.

## LASER SHEET L2.

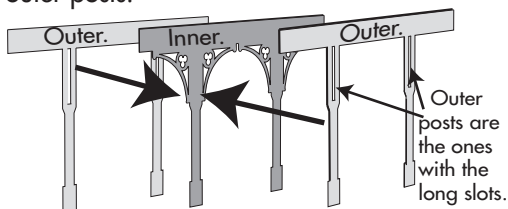


## LASER SHEET L3.



## 9 POST & BEAM UNITS.

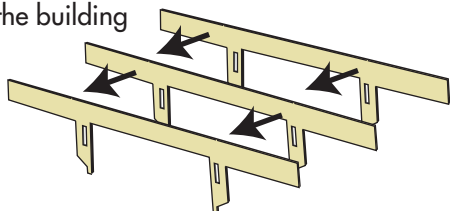
The first stage of constructing the canopy is to assemble each of the Post & Beam units, with an inner post (the one with the fancy brackets) sandwiched between the two outer posts.



In order to glue them together in perfect alignment, you will need the assistance of the assembly jig.

## 10 CROSS BEAMS.

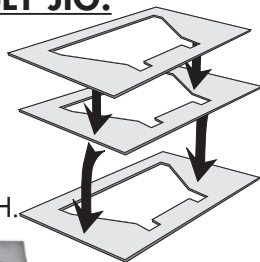
The three cross beam units fit into the slots in the building



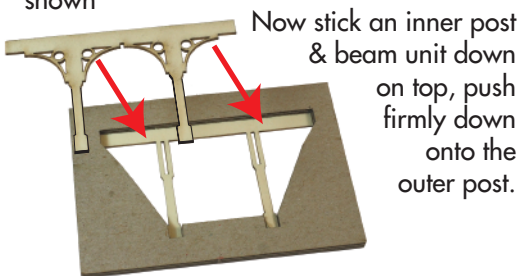
Each unit is made up of three crossbeams glued together. Keep all edges flush. You can use the jig **11** to hold them in place.

## 11 ASSEMBLY JIG.

Take the three jig cards and glue one on top of the other. ALL OUTER AND INNER EDGES MUST LINE UP FLUSH.



We will start with the post & beam units. Start by inserting an outer post. Push down into the jig so it flat on your work surface. Using glue applicator put tiny spots of glue where shown



Now stick an inner post & beam unit down on top, push firmly down onto the outer post.

Now glue another outer post on top and then carefully extract from the jig.

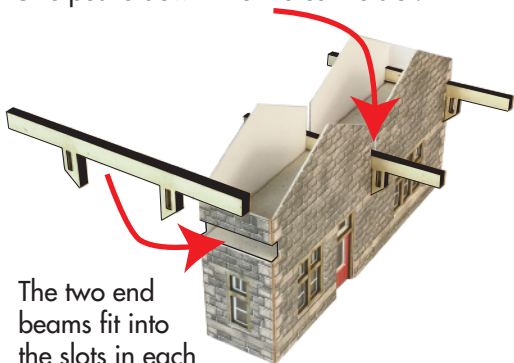


You can use the jig as a guide to glue the crossbeams together too.



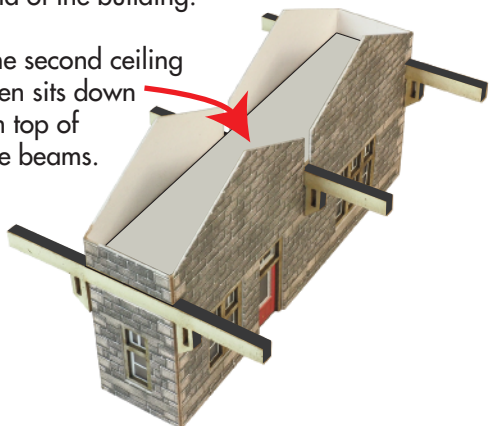
## 12 FIT THE CROSS BEAMS.

Fit the three crossbeam units to the building. One pushes down into the centre slot.



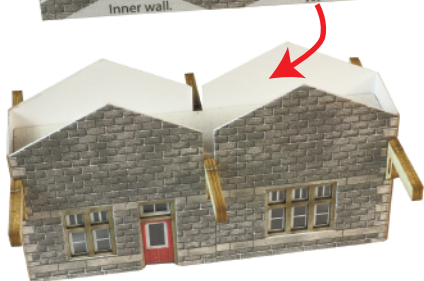
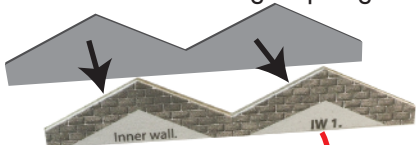
The two end beams fit into the slots in each end of the building.

The second ceiling then sits down on top of the beams.



## 13 THE INNER WALLS.

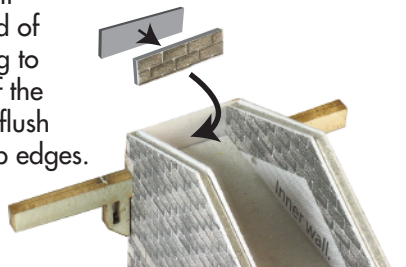
Fix the matching grey card (G1.) to the back of the inner walls IW1. then attach to the inside of the walls align top edges flush.



## 14 THE INNER END WALLS.

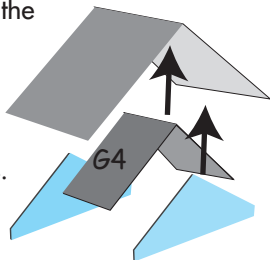
The tiny end walls spacers G2. fit onto the backs of the innerwalls IW2.

Then they fit at each end of the building to the back of the end walls, flush with the top edges.

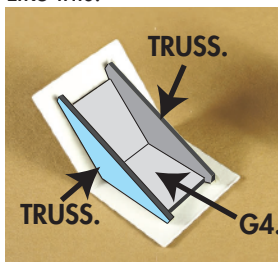


## 15 THE ROOFS.

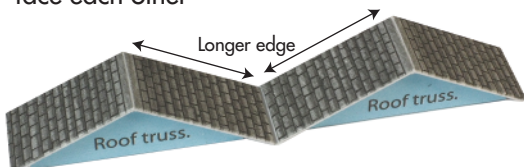
To hold the roofs at the correct pitch, fix folded grey card G13. under the roof, then attach the two trusses G14. at either side.



Like this.



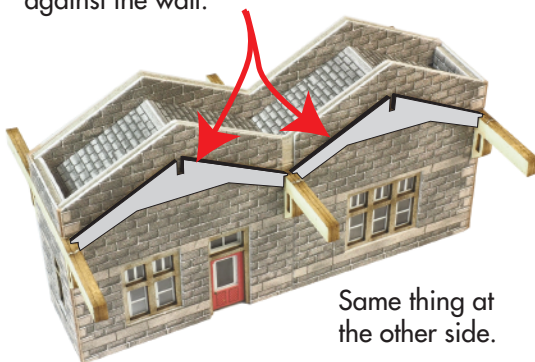
Note: The roofs are slightly longer on one side. Make sure when you drop them into place on the building that the long edges face each other



Position the roofs so you have a small gutter in the middle.

## 16 THE WALL PLATES.

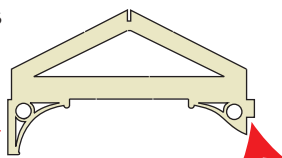
Fix two of the wall plates so each end slots over the beams and fixed flat up against the wall.



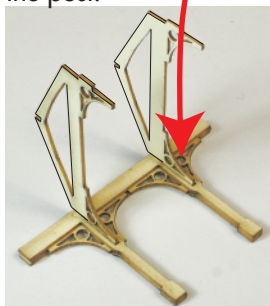
Same thing at the other side.

## 17 END CANOPY FRAME.

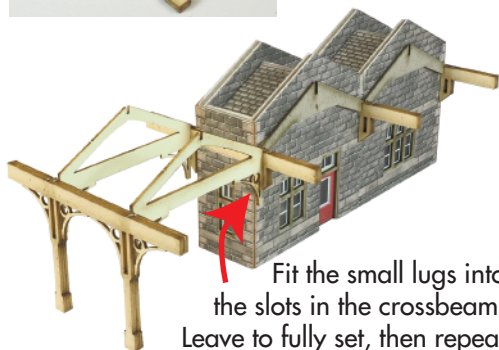
Fix two of the trusses onto a post & beam unit. Fit the larger bracket so the lug fits into the slot in the post.



This end with the smaller lug fits into the crossbeam on the end of the building.



After fitting the two trusses, leave to set fully before attaching to the building.

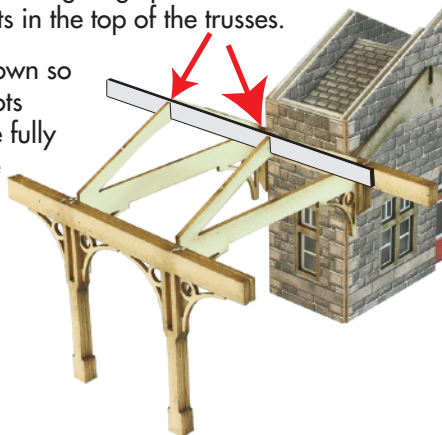


Fit the small lugs into the slots in the crossbeam. Leave to fully set, then repeat with other end of building.

## 18 THE RIDGE PLATE.

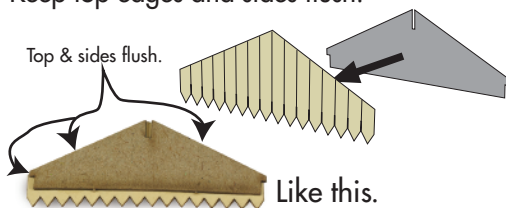
Insert the long ridge plate into the two slots in the top of the trusses.

Push down so both slots engage fully into the slots in the trusses.



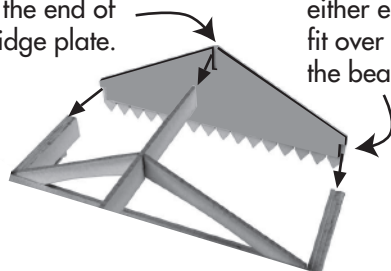
## 19 THE FRONT GABLES.

Each gable end is made of two parts. The outer cream coloured section has a grey support fixed to the back. Keep top edges and sides flush.

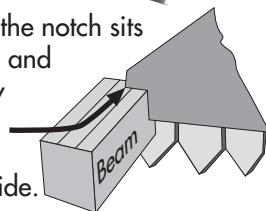


Top notch fits over the end of the ridge plate.

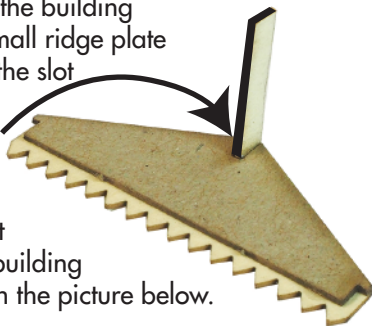
The notches either end fit over the beams.



The upper edge of the notch sits on top of the beam and extends to half way across allowing room for the next gable to fit along side.



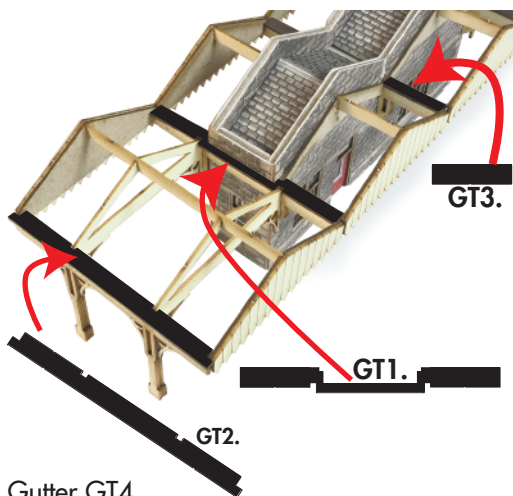
NOTE: The gables that fit along side the building need the small ridge plate fixing into the slot in the grey inner part.



Let them set and fix to building as shown in the picture below.

## 20 THE GUTTERS.

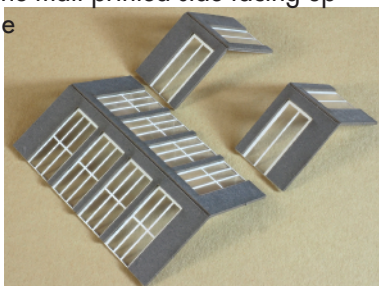
After fitting the gables, let them set fully before attaching the gutters as shown.



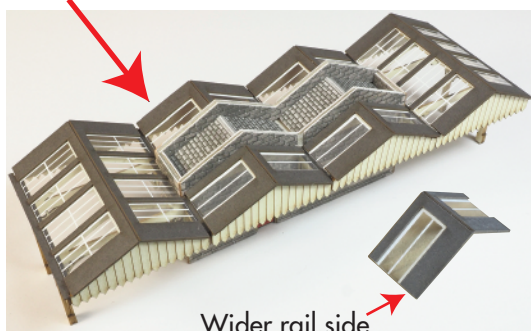
Gutter GT4. is for use if you are attaching another kit.

## 21 CANOPY ROOF.

Fix the glazing to the underside of each roof with the matt printed side facing up through the openings.



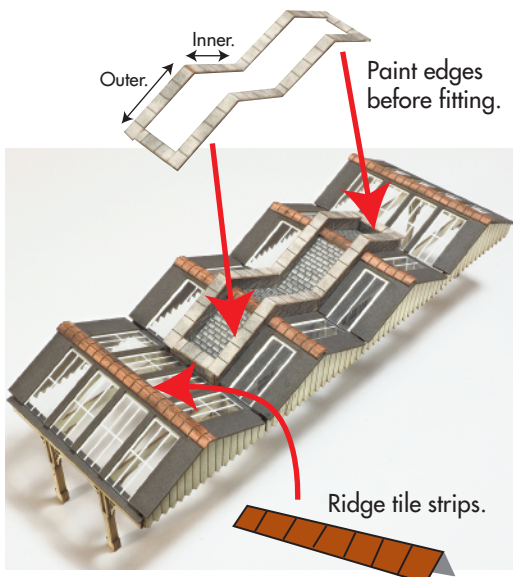
Fit the smaller roof sections first with the wider part overhanging the rail side.



Fit the end roofs so the edges line up with the shorter roofs.

## 22 CAPPING & RIDGE TILES.

Cut the capping stone strips to length and fix to the wall tops. Outer slopes are 5 flags long and inner slopes are 4 1/2

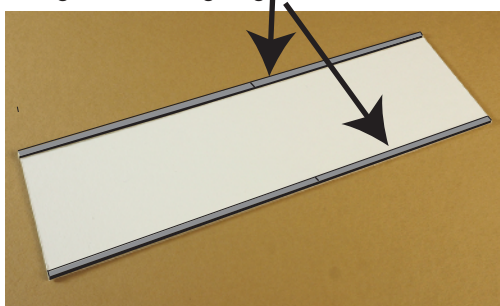


Take each strip and carefully run the point of your knife along the centre scoreline to loosen it up. Then fold each strip in half along the score and paint the white card along the fold with watered down brown red paint. Also paint the edges.

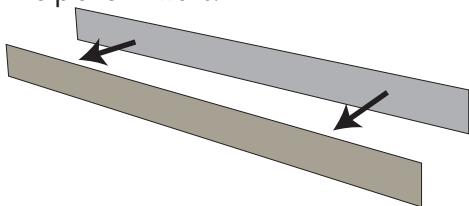


## 23 THE PLATFORM.

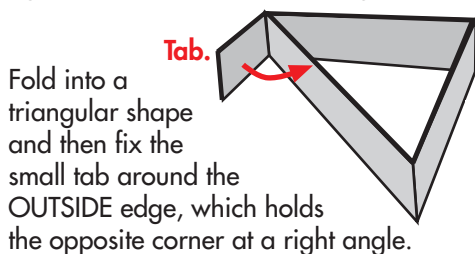
There is a short section of platform with this kit which matches our PN135 Stone Platform. Place the platform top face down and fix the long thin grey spacer strips (G6.) flus along the two long edges.



Fix the grey strengthener strips to the backs of the platform walls.



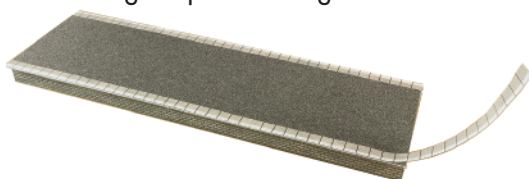
The triangular platform supports **G5.** are ideal for fitting underneath the platform to hold the top rigid and also for fitting against walls to hold them straight.



Fit the platform walls along the edges of the spacers and use the triangular supports to hold the walls at right angles.



Turn the platform over and attach the self adhesive platform edging strips from the edging and patching sheet. Fit with the white edge of the strips running flush along the platform edge.



And there you have it!

It is easy to add on our PN940 Canopy kits or even another one of these island kits if you want to extend it

