

PO226 00/H0 PARISH CHURCH KIT

READ THROUGH ALL THE INSTRUCTIONS BEFORE YOU START.

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 is our favourite.
5. A cutting surface - a sheet of card or a cutting mat.
6. Fine point tweezers to hold the smaller components.
7. Water colour paints and a very fine brush, for painting the edges and corners (optional).

GETTING STARTED

1 EXTRACTING COMPONENTS FROM SHEETS.

To stop the components from falling off the sheets, they are held secure with scorelines. These are cuts that only go about 75% of the way through the card.

To release them simply run the point of your knife along the scorelines and they will come seamlessly away.

These scorelines are indicated with blue arrows: →
WARNING, Cut with care using a knife that is not too sharp, this will reduce the risk of the blade running out of the score and cutting the kit components.

2 MAKE YOUR 'BUILDERS YARD'.

This is an area kept away from your working surface, where you store ALL components extracted from the base sheets until needed.

Use a piece of thick card or a tray to make your builders yard.

Cut out all the components from sheets A, B & C. and place inside your builders yard.

LEAVE SHEET 'D' INTACT until after the main body of the church has been built. Except for the nave roof, which does need extracting from sheet 'D'.



Your **WORKING** area should have a clean flat surface, and should only contain the kit parts you are actually working on.

EVERYTHING ELSE SHOULD BE KEPT NEATLY ARRANGED IN THE BUILDERS YARD, UNTIL NEEDED.

PLEASE NOTE: Don't throw anything away. Keep all offcuts and waste card in a box until the kit is finished, just in case you can't find anything. The chances are that it will be there.

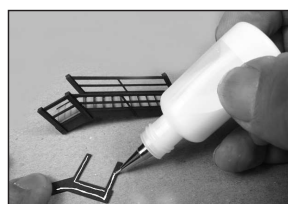
INSTRUCTION SHEET 1

CHECK LIST

This kit pack should contain the following:

- 1 x SHEET A - Components for the Tower.
- 1 x SHEET B - Components for the Nave, Chancel & Porch.
- 1 x SHEET C - Components for North & South Aisles.
- 1 x SHEET D - Components for the Lych Gate.
- 1 x PLAIN GREY CARD - Interior strengthening parts.
- 1 x LASER-CUT CARD - Window stones and gates.
- 1 x GLAZING SHEET.
- 2 x INSTRUCTION SHEETS.
- 1 x Ridge Tile Sheet.
- 1 x SHEET E - Printed sheet with Clocks and extras.

The METCALFE Ultra Fine Tip Glue Bottles are essential for gluing the fine laser cut components in this kit.



Tiny strips or spots of glue can be Accurately laid down with precision.



Always replace the pin after use and store the bottles upside down to keep the glue moist.

UHU All Purpose Adhesive Glue

Is available in standard and solvent free. Both types are fine for use in our glue bottles, even though the instructions on the back of the packs warn against solvent based glues, we have tested the UHU solvent based glue and it works fine. The solvent free glue doesn't string as much, but can be a little harder to clean off if it drips onto unwanted areas.

Speed Bond by Deluxe Materials

This is an excellent PVA. based glue that dries quickly, but also allows time to get parts into position. It has the added advantage that it dries clear leaving little evidence if it oozes out of joints etc. Used in our fine glue applicator bottles a 112g bottle lasts for ages. www.deluxematerials.com

GLAZING

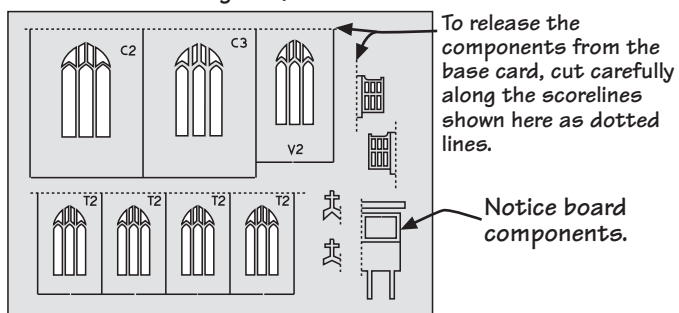
Cut out the glazing sheets along the outer black printed lines and place them in piles on a separate piece of card or on small plate until needed.



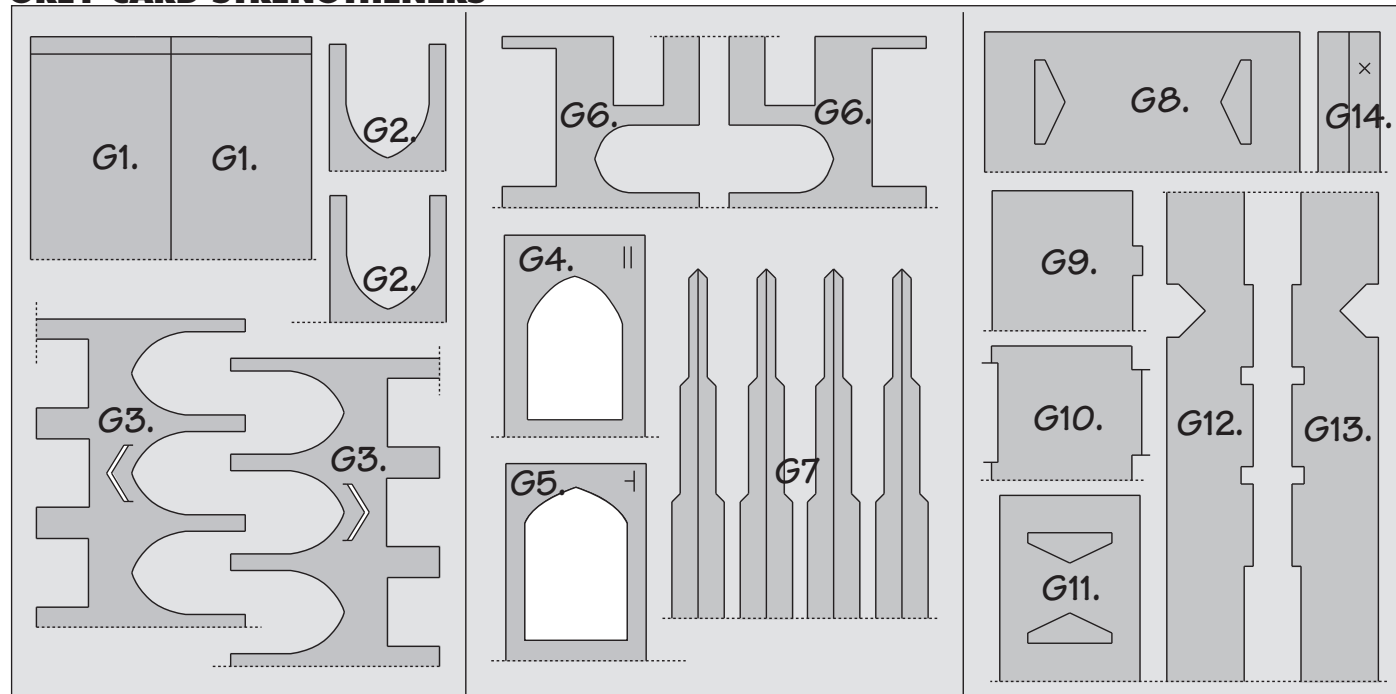
NOTE: The matt printed side of the windows is the side that looks best facing through the window openings.

LASER CUT SHEET

The windows on this sheet are all clearly marked with codes. There are also two gates, two crosses and a notice board.



GREY CARD STRENGTHENERS



This sheet contains all the unprinted components that fit inside the church to strengthen and hold it together.

Here is the key to what each item is:

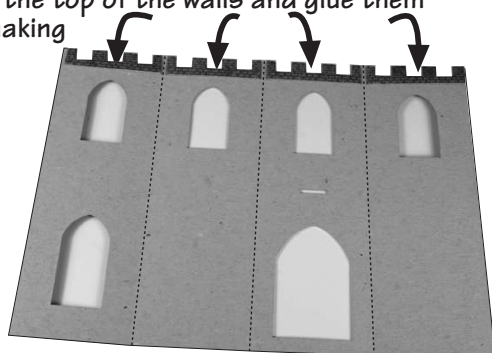
- G1. Tower Inner side walls, with fold up tabs.
- G2. Aisle roof support.
- G3. Nave inner side walls.
- G4. Tower east wall support (marked ||).
- G5. Nave end wall support (marked -).
- G6. Chancel inner side walls.
- G7. Buttress inner formers x 8 (2 sets of 4).
- G8. Nave ceiling and roof support.
- G9. Tower middle floor.
- G10. Tower lower floor.
- G11. Chancel ceiling and roof support.
- G12. South aisle floor.
- G13. North aisle floor.
- G14. Chancel inner wall brace (folds longways).

LETS GET STARTED

Just a reminder that you need to read all the way through the instructions, so that you have a basic understanding of how this beautiful church fits together. Remember to take your time, don't rush. The real thing took many years to build.

Fig. 1. THE TOWER WALLS.

Start by folding the three main corners of the tower to loosen them up, then fold over the four rows of turrets along the top of the walls and glue them to the back making the turrets double sided.



CHURCH PLAN

Just so you better understand the layout of this building.

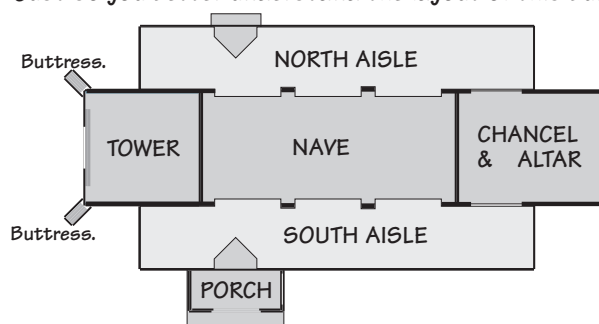
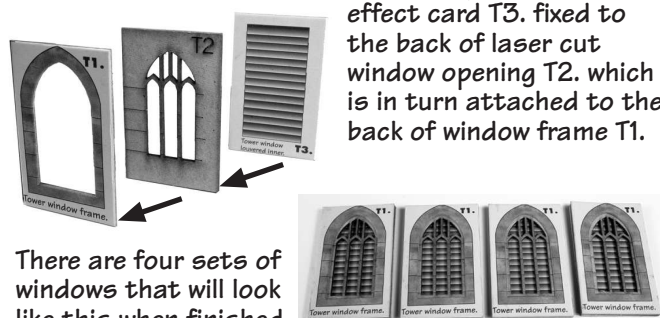


Fig. 2. BELL TOWER WINDOWS.

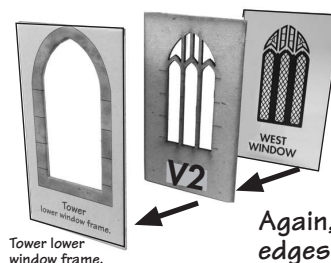
The four UPPER windows in the tower DON'T have any glazing in them. Instead there is printed louvred

effect card T3. fixed to the back of laser cut window opening T2. which is in turn attached to the back of window frame T1.



There are four sets of windows that will look like this when finished. Make sure all outer edges are lined up flush.

LOWER TOWER WINDOW (West window).



Fix the west window glazing sheet to the back of the laser cut window V2 which is then fastened to the back of the 'lower window frame'

Again, making sure all outer edges are flush with one another.

When gluing the glazing to the fine laser cut window parts, only use microscopic spots of glue here and there to avoid oozing over the edges.

Fig. 3. FIT THE WINDOWS.

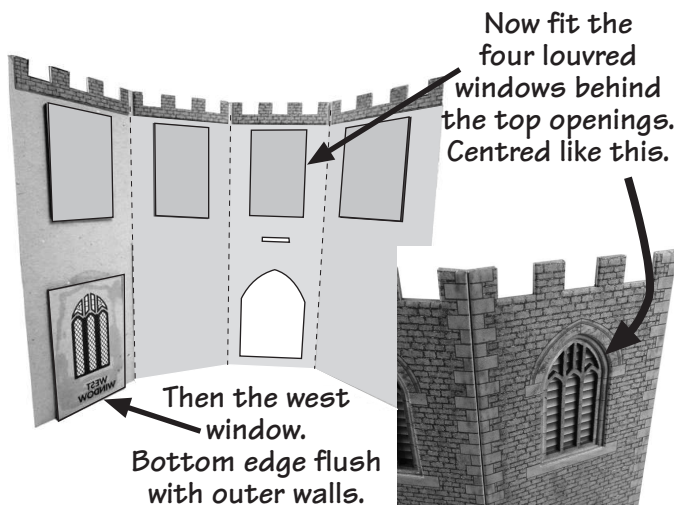


Fig. 6. TOWER TOP FLOOR.

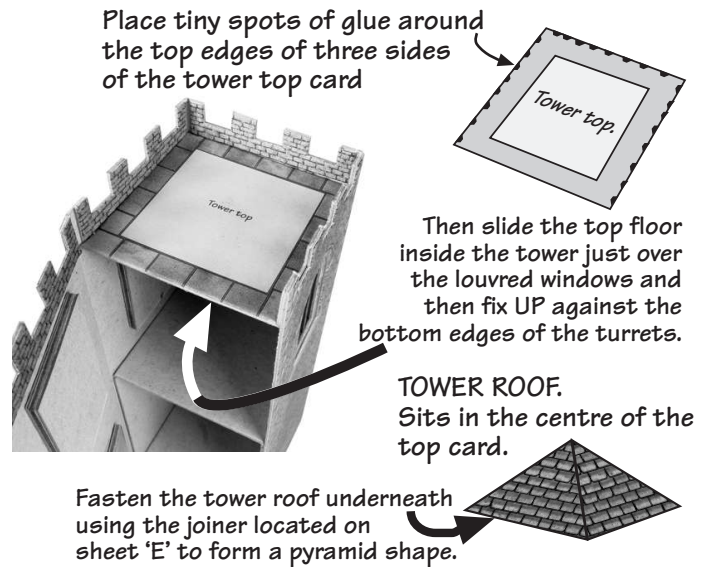
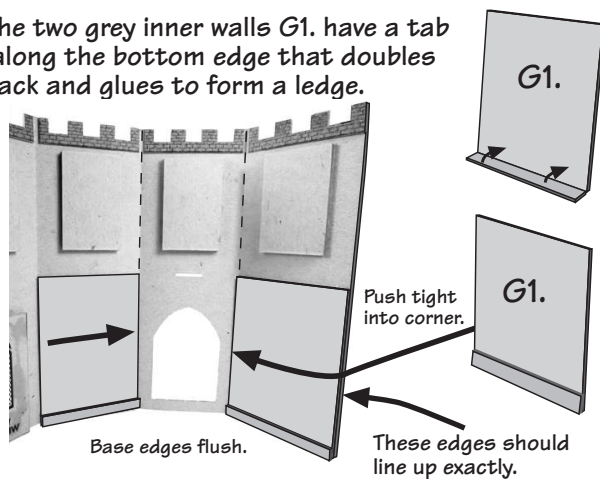


Fig. 4. INNER WALLS.

The two grey inner walls G1. have a tab along the bottom edge that doubles back and glues to form a ledge.



Fix the two grey inner walls G1. to the side walls with the tabs at the bottom lining up flush with the base of the outer walls. Push tightly into the fold so that the outer edge of the right hand side wall lines up exactly with the edge of the inner wall.

Fig. 5. INNER FLOORS.

Insert lower floor G10. Push the tab through the opening and sit the floor on top of the two tabs when the side walls are folded around.

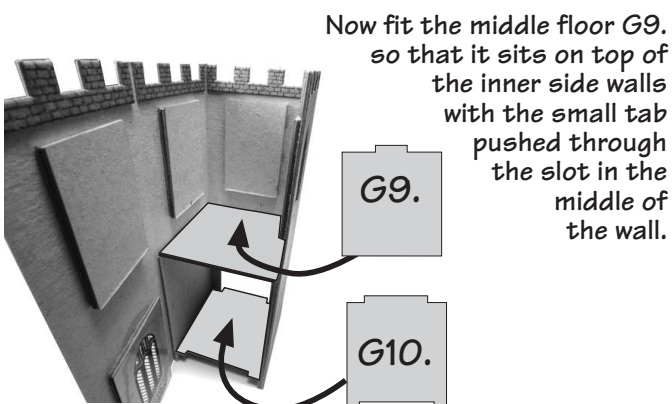


Fig. 8. EAST WALL SUPPORT.

The plain grey east wall support G4. is used later to aid the fixing of the nave walls to the tower, so it is important that it is fitted correctly.

If you attach it so that the inner edges of the arched openings all line up, the outer edges should be lined up with the edges of the east wall.

Fit so the outer side edges line up **exactly** with the edges of the tower east wall.

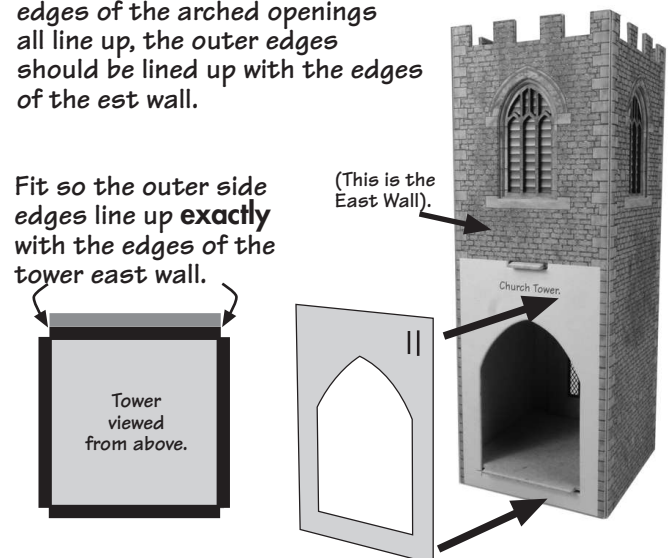


Fig. 7. CLOSE UP THE TOWER.

When all floors are fast, you can now fold around the west wall of the tower closing the tower up.

Glue all edges that touch and hold fast until set.

Stand on a flat surface so all base edges line up.

Fig. 9. THE NAVE.

Lay flat face down, and fit the two grey inner side walls G3. to the back of each side wall as shown. All side edges and base edges of the arched sections should line up flush.

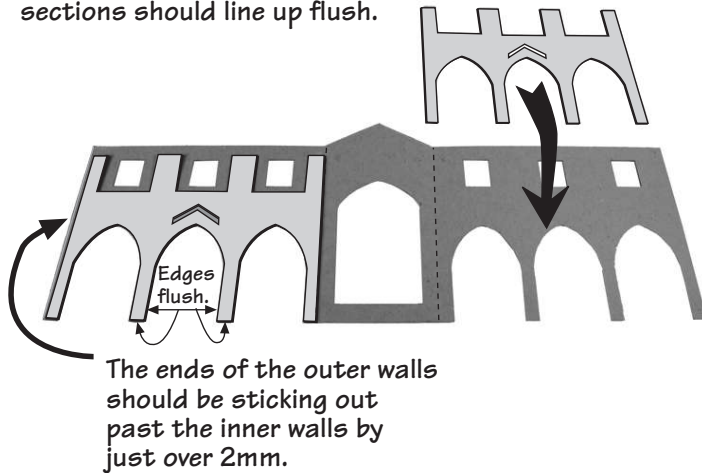
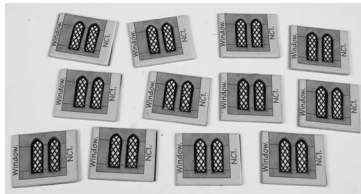


Fig. 10. NAVE WINDOWS.

There are twelve small windows NC1. for the Nave and Chancel.

Fix the glazings to the backs of each one now. You only need six of them, so put the rest back in the builders yard.



Fix the nave windows into the recessed areas in the side walls sitting down onto the ledges on the inner walls.

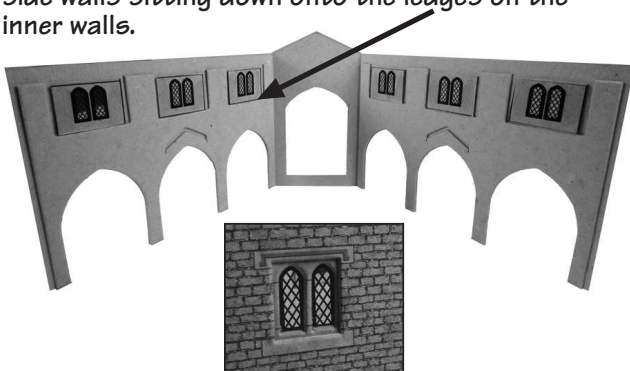


Fig. 11. NAVE WALL BRACE.

Fold the walls around and fit the inner wall brace G14. into the ^ shaped slots. This is to hold the walls at the correct width at the lower level and stop the walls warping.

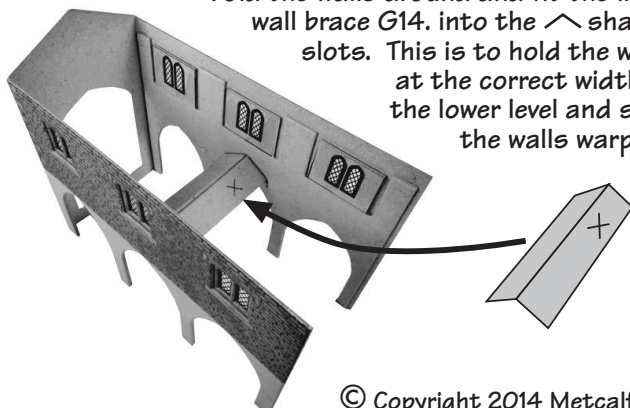


Fig. 12. NAVE ROOF.

The tiled roof section fits on top of the grey ceiling G8. and is held in place at the correct angles by two small tabs in the ceiling card that fold upwards.

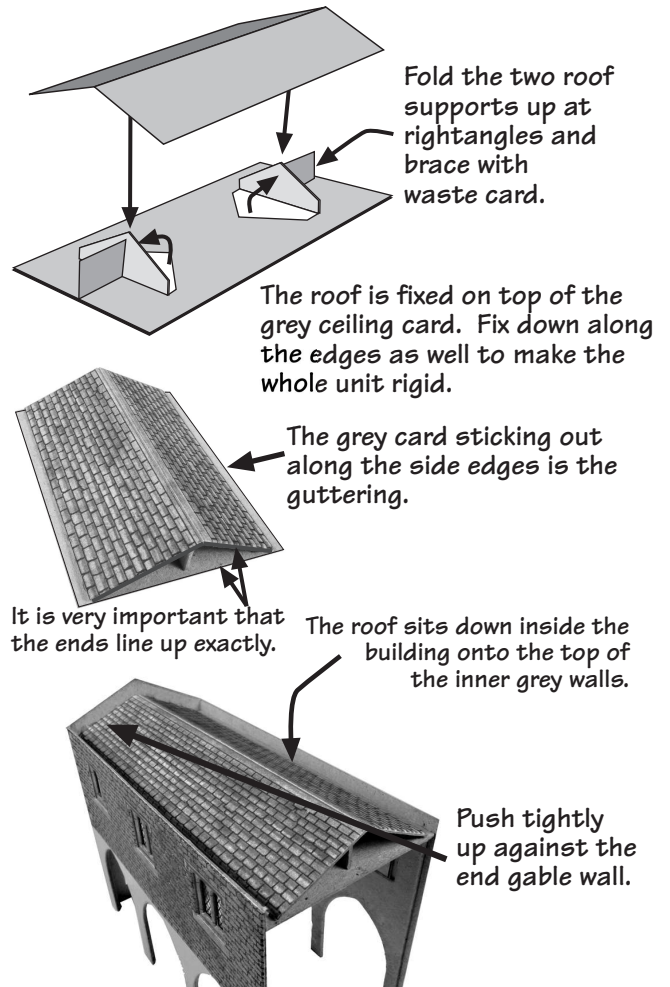
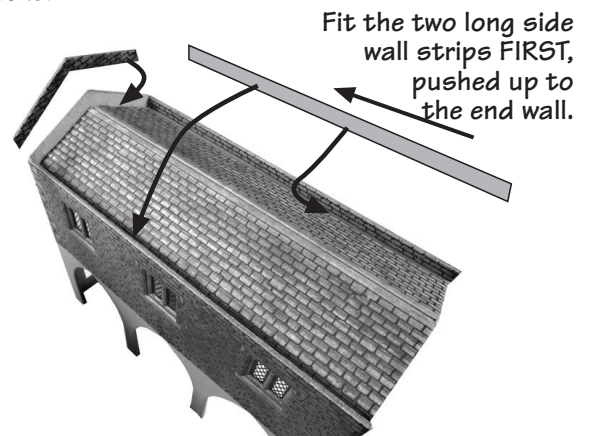


Fig. 13. INNER WALL STRIPS.

All the walls on on the Nave, Chancel and Aisles stand taller than the roofs, and so to hide the grey backing card, there are long strips of printed card to attach to the backs.



NOTE: All the top edges of the inner wall strips should line up flush with the outer wall tops. If they stand slightly taller, trim to fit. Test without glue first.

PO226 PARISH CHURCH

INSTRUCTION SHEET 2

Fig. 14. FIT NAVE TO TOWER.

Stand on a flat surface when pushing the two buildings together and hold firmly until all edges are fast.

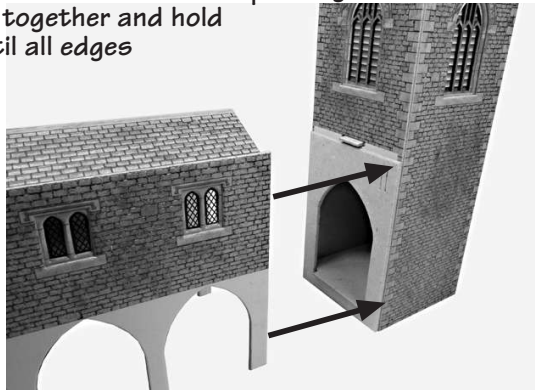
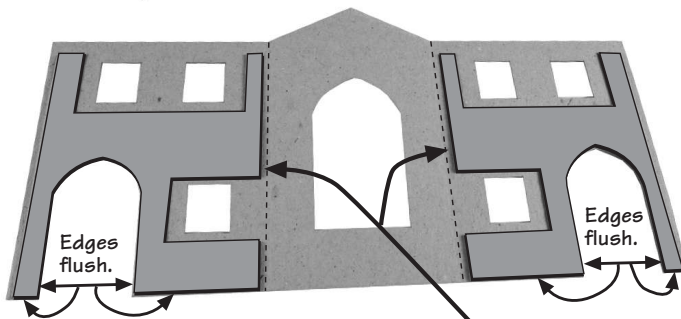


Fig. 15. CHANCEL & ALTER.

As with the nave, there are two inner side wall strengtheners G6. When you fix these to the side walls, fit with the edges of the archway and the base all lining up flush.

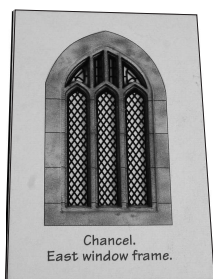
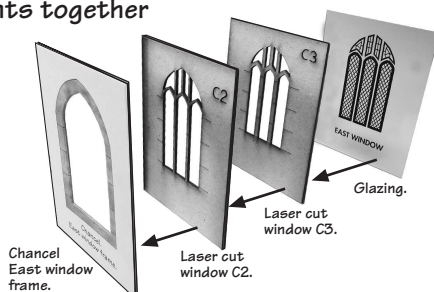


When lined up correctly this will leave a 4mm. gap between the edge of the grey card and the corner fold. This allows room for the East Window when the walls are folded around.

Fig. 16. EAST WINDOW.

Fit four components together as shown.

Make sure all outer edges are flush. If glazing is bigger at any point, trim off.



Just look; a work of art!

Fig. 17. FIT THE WINDOWS.

Small windows fit in just the same way as the nave.



The sides of the East window fit into the recesses in the side walls when they are folded around.

If not, simply trim the sides down to fit. Test without glue first.

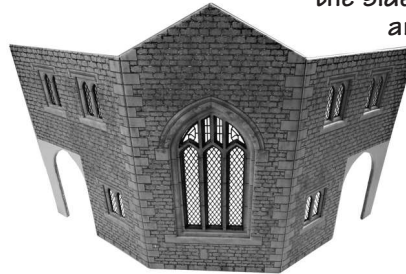
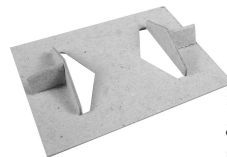


Fig. 18. FIT THE ROOF.

The chancel roof is exactly the same as the nave, but shorter, so make up just as in Fig. 12.



Fold the chancel walls around and sit the roof section on top of the inner walls, then fit the inner wall top strips as in Fig. 13.

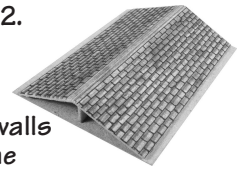
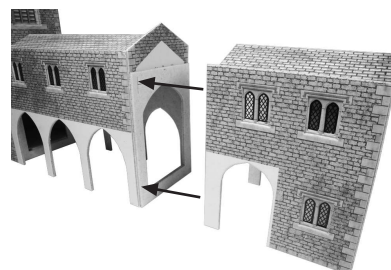


Fig. 19. FIT CANCEL TO NAVE.

Start by fitting the Nave end wall support G5. Marked with a + Fit as with the tower, so that both sides line up exactly with the edges of the end wall.



Next fit the chancel onto the end of the nave. Stand on a flat surface and hold together until fast.

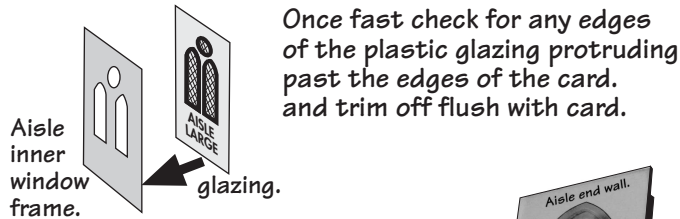
Like so!



Now have a cup of tea and admire your magnificent building so far!

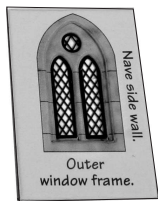
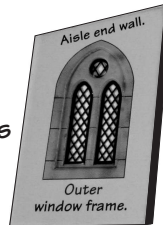
Fig. 20. AISLE WINDOWS.

Start by fixing all ten 'Aisle large' glazings to the back of the inner window frames.



Once fast check for any edges of the plastic glazing protruding past the edges of the card. and trim off flush with card.

Next, attach four them to the backs of the END wall window frames making sure the side and bottom edges all line up flush.

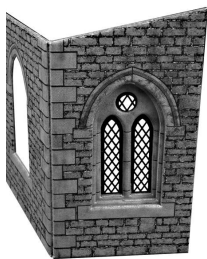


Then attach the rest to the backs of the SIDE wall window frames. All edges flush.

Note: These are wrongly marked with 'Nave side wall' but it is obvious what they are.

Fig. 21. FIT AISLE WINDOWS.

FITTING THE WINDOW UNITS IS TRICKY and requires a good deal of patience and accuracy. Do one at a time and leave the glue to dry before the next.

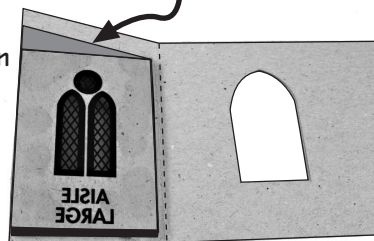


The windows need to be positioned over the openings in the wall nicely centred

MAKE SURE you fit the END WALL WINDOWS to the END WALLS.

So that when you turn it over the bottom of the window unit is just over 1mm. higher than the base of the wall.

This is to allow the grey base card to fit underneath.



BEFORE THE GLUE SETS Stand the wall up and slide the base card underneath the window unit to check it is not too low and adjust.

One other thing; this side of the end windows should not protrude past the wall end. This edge of the wall needs to fit flush up to the main building when fitted.

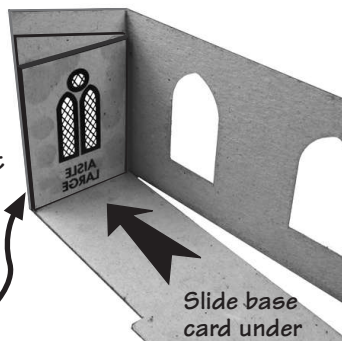


Fig. 22. FIT AISLE BASE CARD.

Fold the Aisle walls around and fit up against the grey floor G12.

NOTE: this is the SOUTH AISLE shown here. The North Aisle goes together in the same way but is a mirror image of this one.

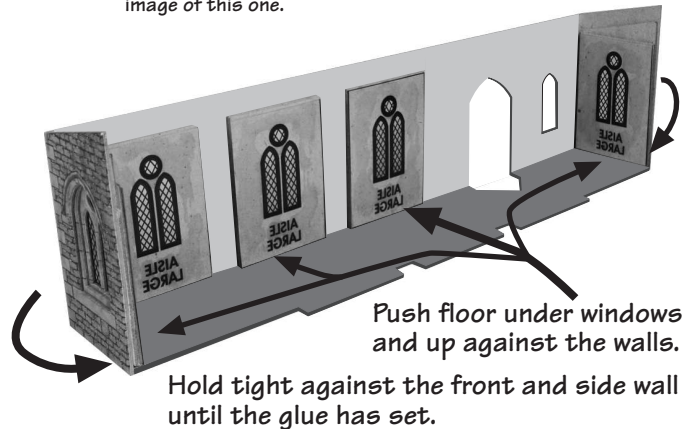
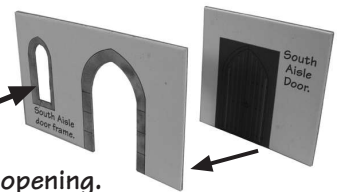


Fig. 23. DOOR & SMALL WINDOW.

The small aisle glazing fits behind this window opening, then the door is fitted behind the door opening.



When fast, fit the door to the door unit to the opening in the South Aisle.

Fig. 24. AISLE ROOF.

The roof sits on top of the windows leaving the walls standing above the roof on the three edges.

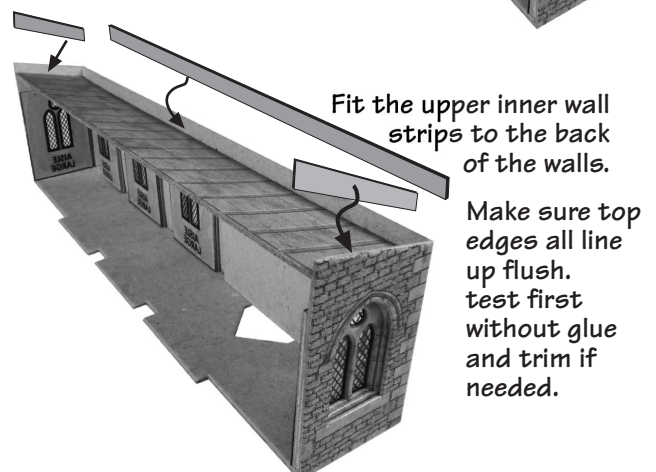
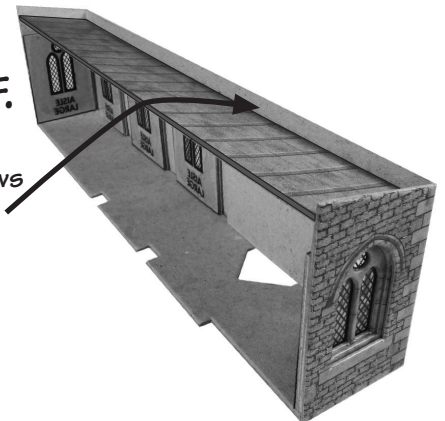
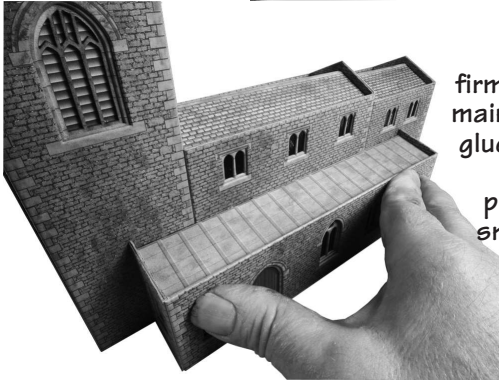
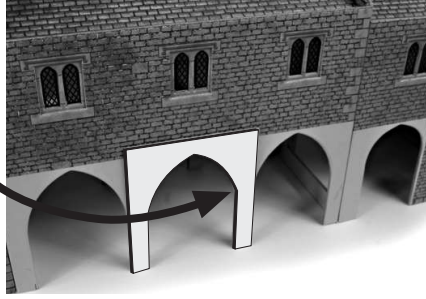


Fig. 25. FITTING THE AISLE TO MAIN BUILDING.

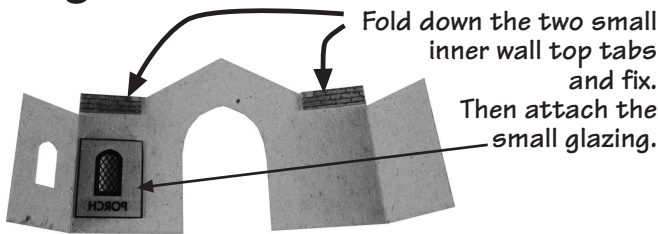
Start by fitting the aisle roof support (Grey card G2.). Line up with the centre arch of the nave. This holds the aisle roof in place and stops it drooping in the middle.



Hold the aisle firmly against the main building until glue has fully set. Make sure the pillars inside fit snugly into the slots in the base card.

That is the South Aisle done and in place, now repeat the whole procedure again for the North Aisle.

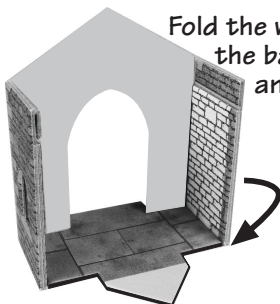
Fig. 26. THE PORCH.



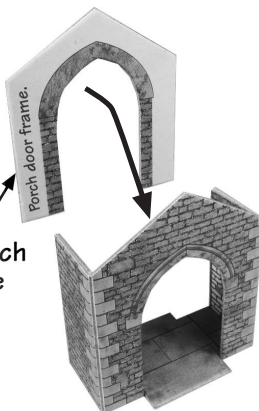
Next, fold over the two inner side walls to make both side walls double sided.



Fold the walls around the base card and fix.



Fit the porch door frame behind the doorway.



Fit the roof so it sits down on top of the door frame and into the slots above the inner side walls.

Then fit the inner front wall top section.

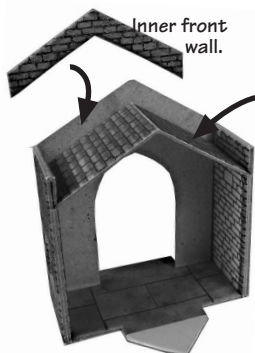


Fig. 27. FIT PORCH TO AISLE.

Shown here fixed to the South Aisle building, but it can just as easily be fitted to the North side if required. Push the pointed tab under the door and fit the porch up against the aisle wall.

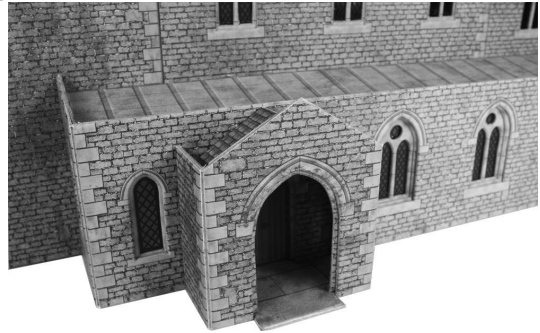
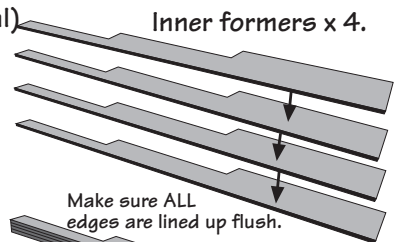
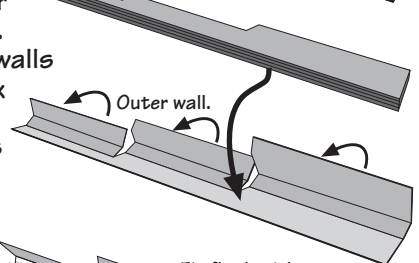


Fig. 28. THE BUTTRESSES.

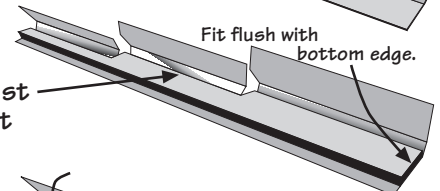
There are two (optional) long buttresses designed to fit on the corners of the church tower.



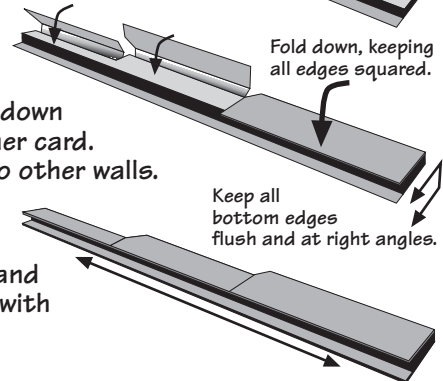
Start by gluing four of the grey inner formers G7. together to form a solid block. Next take the outer walls and loosen up the six scorelines that allow the three short walls to fold around.



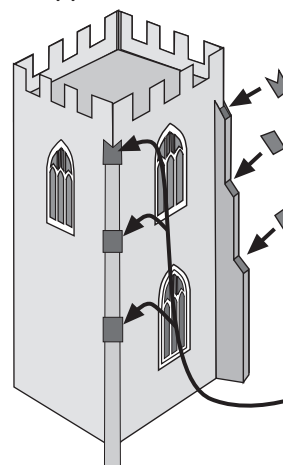
Fix the inner former to the back of the long wall so the stepped edges are pushed tight against the three walls that fold around it.



Starting with the bottom wall (the widest wall) fold it over and fix down onto the grey former card. Followed by the two other walls.



Make sure the long edge lines up nice and straight and overhangs equally with the opposite wall.

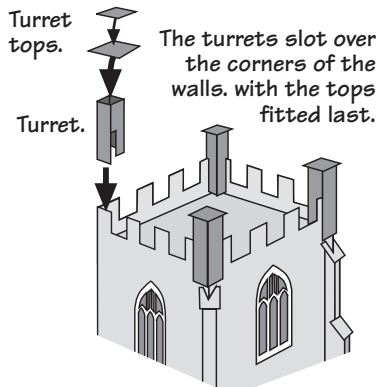


Stand the buttresses up against the corners of the tower at 45 angles

Cut out the buttress topstone pieces from sheet 'E' and attach them to the three angled stepped parts of each buttress.

Fig. 29. TOWER TURRETS.

There are four turrets that sit on top of each corner of the tower. Start by folding each one around and gluing the edges together to form a box.

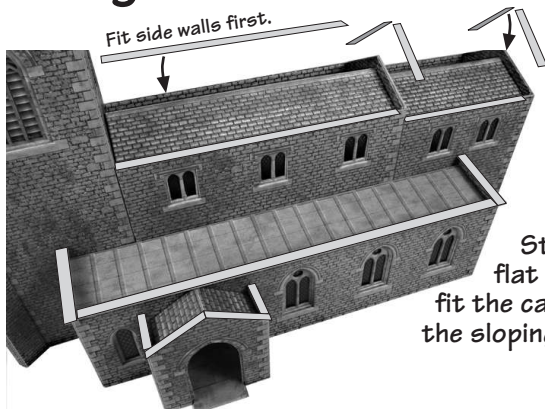


This edge is slightly shorter to allow the other side to sit on top when glued

TOWER ROOF
Instructions are on sheet 'E'.

Extract the components from SHEET D as required. That way there is less chance of losing the smaller parts.

Fig. 30. CAPPING STONES.

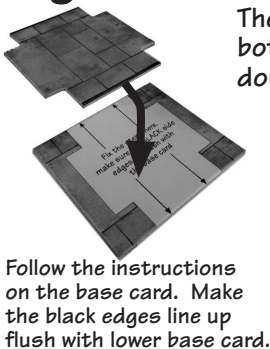


All the walls are now topped with pre cut capping strips.

Start with all the flat side walls, then fit the capping strips to the sloping end wall tops.

Fit the strips so they overhang equally on each side of the wall. All strips are cut to the correct lengths, so no trimming is needed. You will find that there are four extra strips just in case you have any mishaps.

Fig. 31. LYCH GATE.

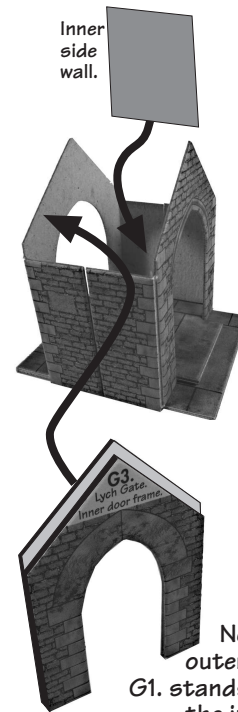


The lych gate base card and steps both fold in half to make them double thickness.

Take one half of the outer walls and fit around the base. The opening sits either side of the step and the sides fold around fixed to the sides.

Stand on flat surface keep walls at right angles.

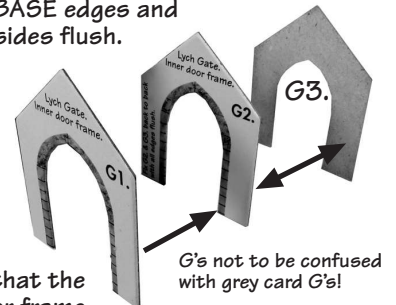
Fig. 32. LYCH GATE cont.



Fit the other half of the walls and push side walls together. Brace from inside using the inner side walls.

Next assemble the inner stepped door frames as below:

The three inner door frames are fastened together as follows: Fix G2. & G3. together back to back then fit G1. to G2. keeping all BASE edges and sides flush.

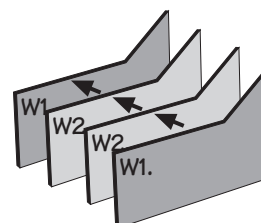


Before you fit the second frame, fit the laser cut gates to the inside wall G3. The gate posts glue to the doorway sides with the burnt side of the laser cuts facing through the opening.

If you want the gates to open, you may need to loosen up the hinge scoreline with your knife.



The two side walls fit over the joints on either side of the lych gate.



Three sided wall end folds around the lower end of the wall.

