

BP Laser

Bplaser.com

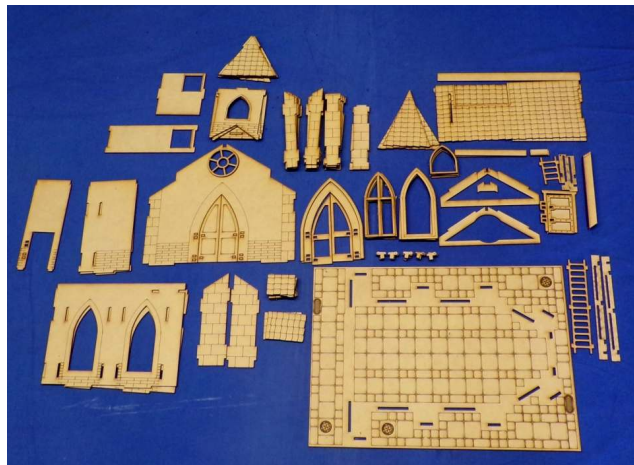
ASSEMBLY INSTRUCTIONS FOR THE CHURCH

Contents: 109 PARTS

NOTE:

Please read instructions before building kit.

Let all components dry before attempting major assembly.

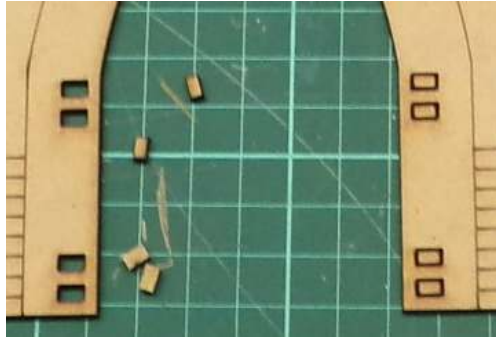


Major parts layout



Tools:

PVA wood glue, side cutters, hand drill with 1mm drill bit, hobby knife, clamps, masking tape, hobby saw.

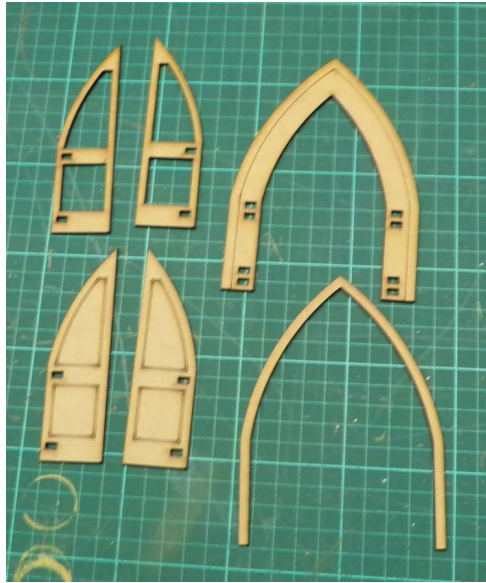


Take a look at the parts and remove any cut-outs that have not fallen through.

MAIN ENTRANCE ASSEMBLY

This consists of several steps. Let the glue on each step dry before continuing.

Main Door assembly:



Components.

Main door x 2

Main door detail x 2

Door frame x1

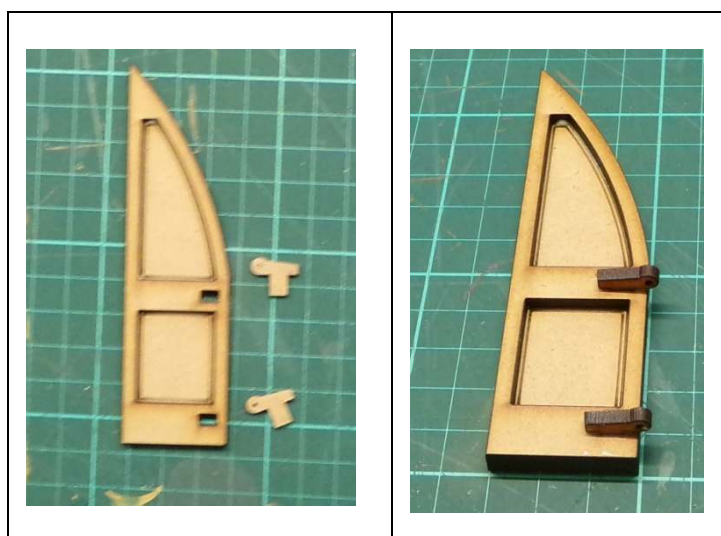
door frame detail x 1

Hinges x 4

Glue the door detail to the door and glue the hinges with the pin hole to the outer. The hinges will help keep the door panels aligned.

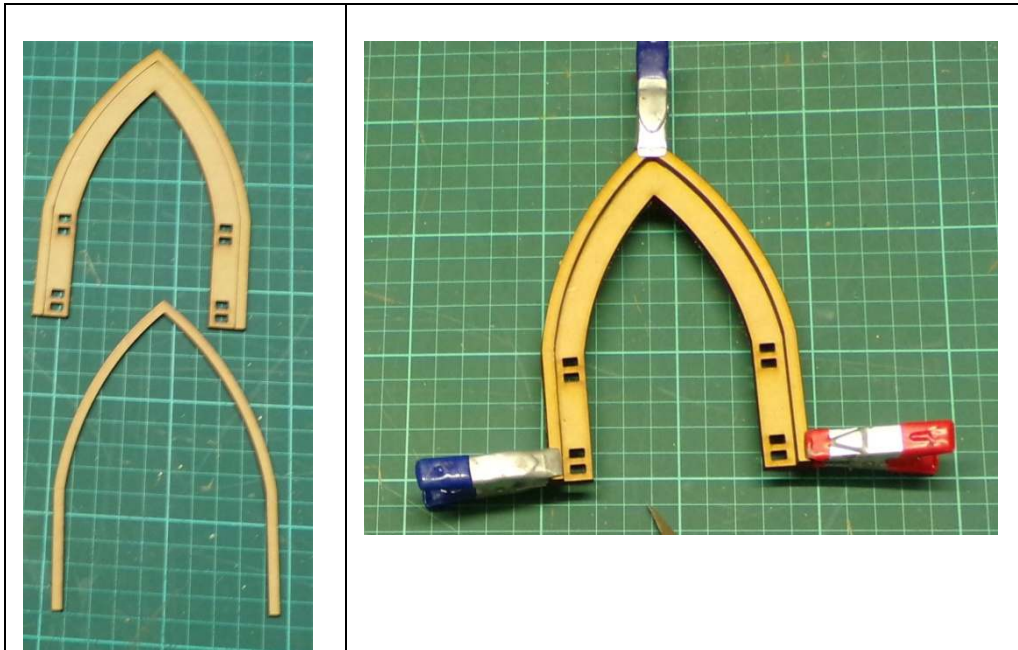
Face the engraved lines to the back of the door as these will add detail to the inside.

Clamp the top and bottom of the frame to prevent movement.



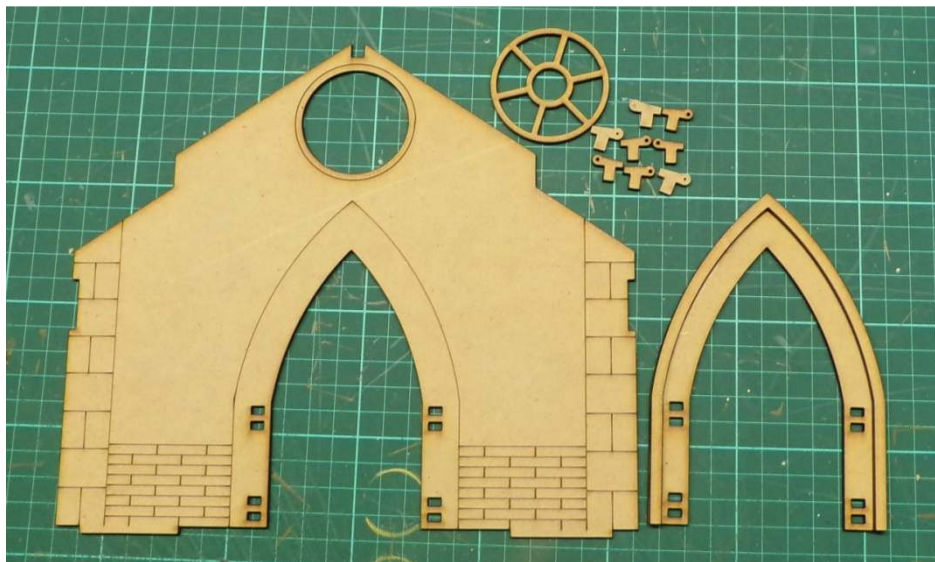
Main Door frame assembly:

Glue the main door detail to the main door frame.



Clamp the top and bottom of the frame to prevent movement.

Entry assembly:



Components.

Main door frame assembly

Loft window x 1

Hinges x 8

Front wall x 1

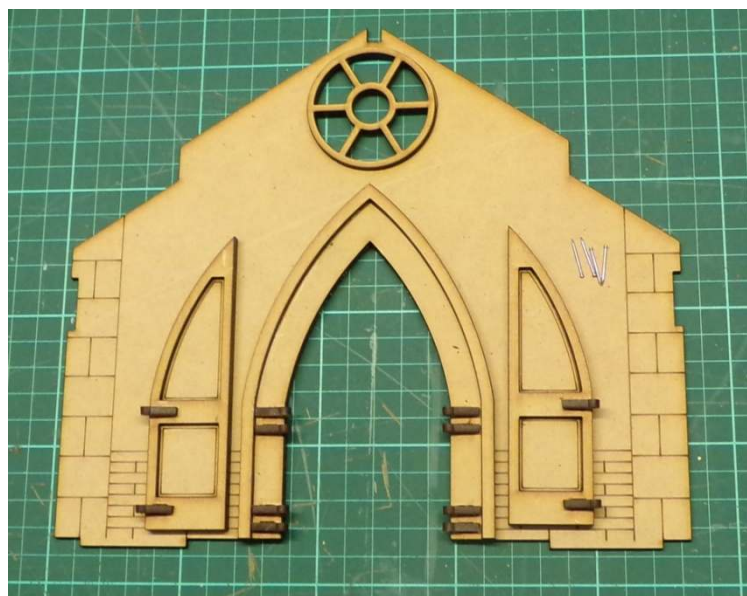


Glue the loft window in place in a desired rotation :)

Glue the Main door frame assembly in place using the hinges as locator pins. Clamp the assembly at the top and bottom ensuring that the assembly bottom is aligned with bottom of the front wall.

Let front wall assembly dry.

Fitting the main doors:



Components.

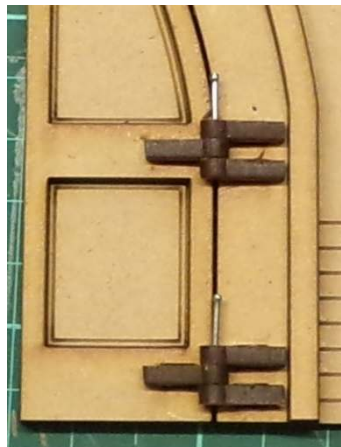
Entry assembly

Main doors x 2

Hinge pins x 4



Place the doors in the hinge group and run a 1mm drill through the hinge to clear and centre the hole.

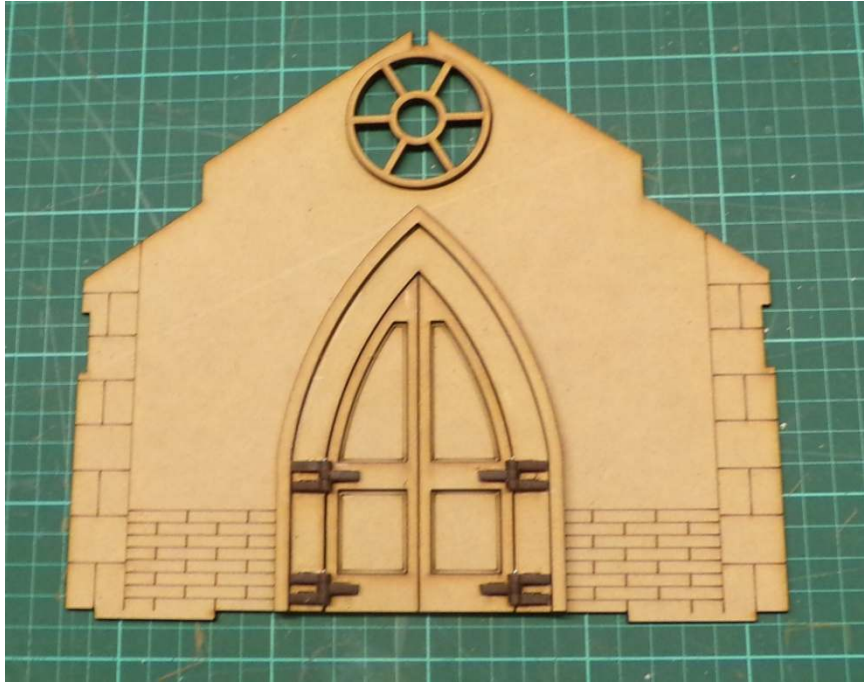


Place the hinge pins at the top and push through the hinge.



Using side cutters trim the pin flush with the bottom of the hinge.

Repeat for the other door.



Note:

To enable the doors to close properly, you will need to sand / trim the inner edge back at approx 30deg, as the door edge is otherwise forced together.

REAR WALL ASSEMBLY:

This consists of several steps. Let the glue on each step dry before continuing.

Components.

Rear wall x 1

rear door x 1

rear door frame x 1

6 x hinges

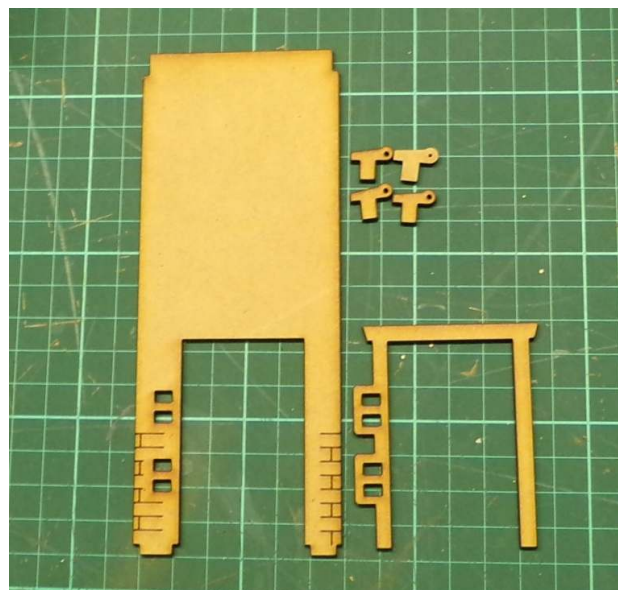
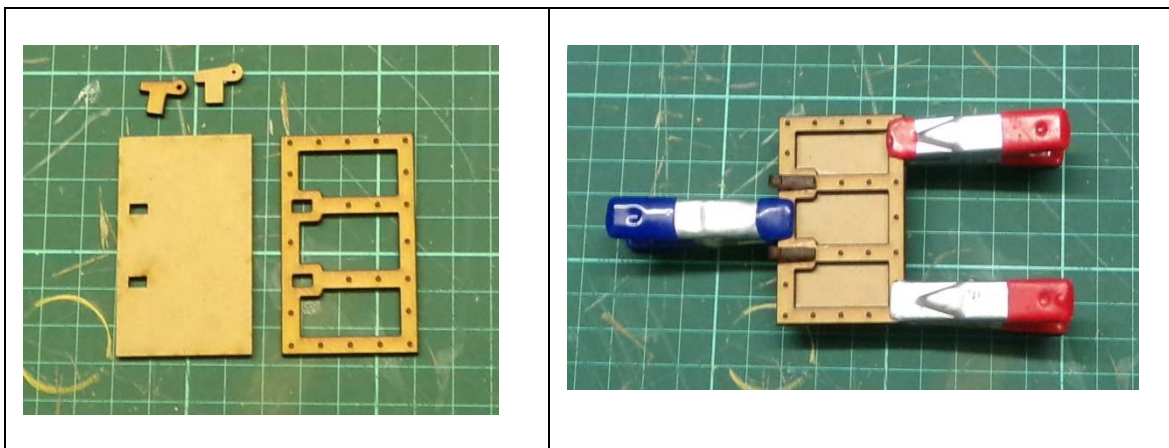
Hinge pins x 2

Rear door assembly:

Glue the door detail to the door and glue the hinges with the pin hole to the outer. The hinges will act as locator pegs and help keep the door panels aligned.

Face the engraved lines to the back of the door as these will add detail to the inside.

Clamp the top and bottom of the frame to prevent movement.



Glue the rear door frame assembly in place using the hinges as locator pins. ensure that the hinge pin hole is facing the door side. Clamp the assembly at the top and bottom ensuring that the assembly bottom is aligned with bottom of the rear wall.

Let rear wall assembly dry.

Fitting the rear door:

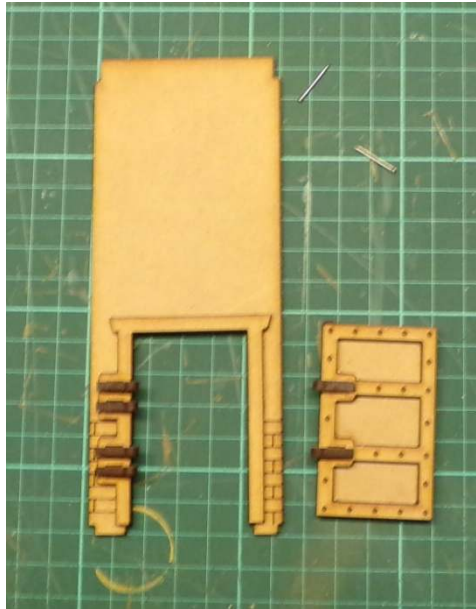
Components.

Rear wall x 1

rear door assembly

6 x hinges

Hinge pins x 2

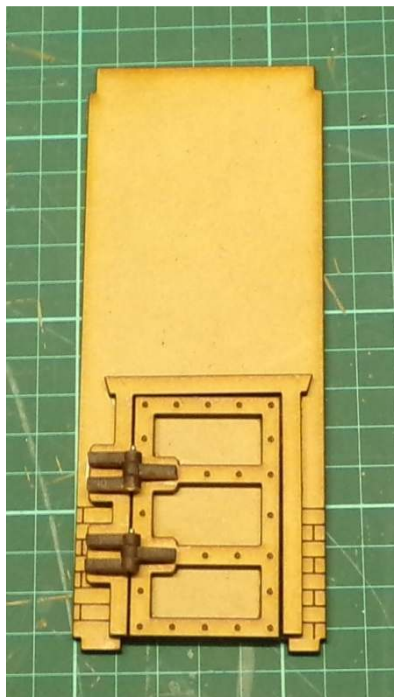


Rear door assembly is achieved exactly the same as the front door assembly.

Place the doors in the hinge group and run a 1mm drill through the hinge to clear and centre the hole.
Place the hinge pins at the top and push through the hinge.

Place the hinge pins at the top and push through the hinge.

Using side cutters trim the pin flush with the bottom of the hinge.



BELL TOWER ASSEMBLY:

This consists of several steps. Let the glue on each step dry before continuing.

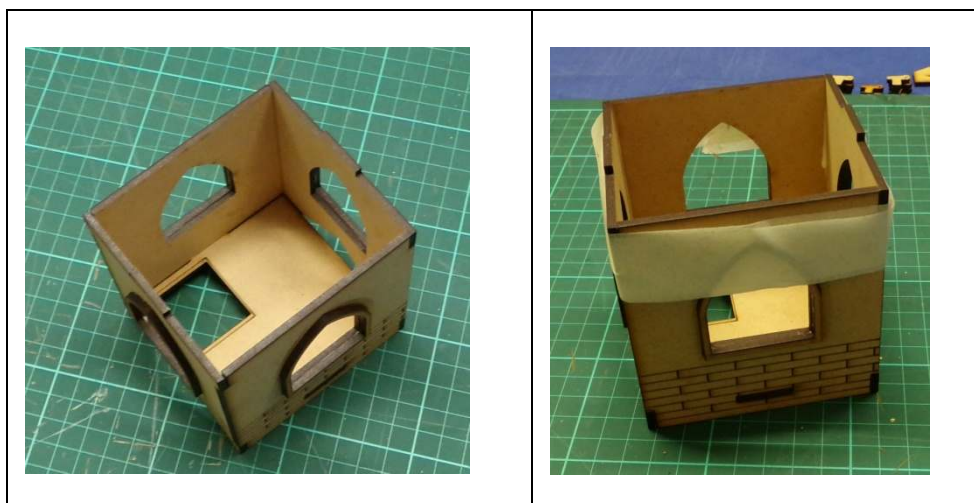
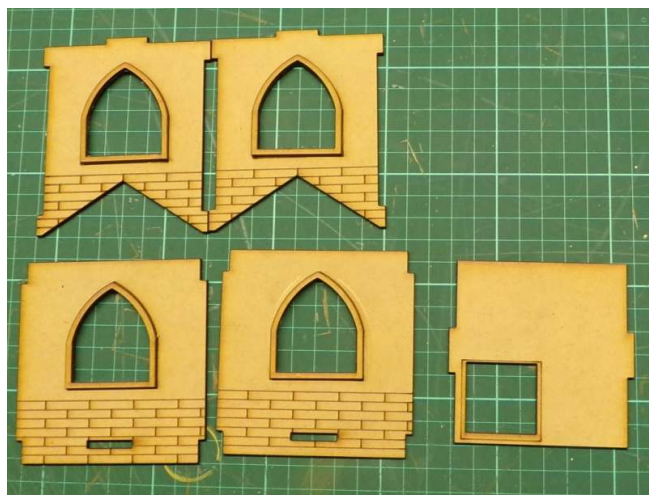
Window assembly:

Take the small arched frames and the bell tower sides and glue together.



Structure assembly:

Take the five components and assemble, keeping the engraved square around the ladder access facing up, and aligned with one of the sides with a triangle cut out piece.



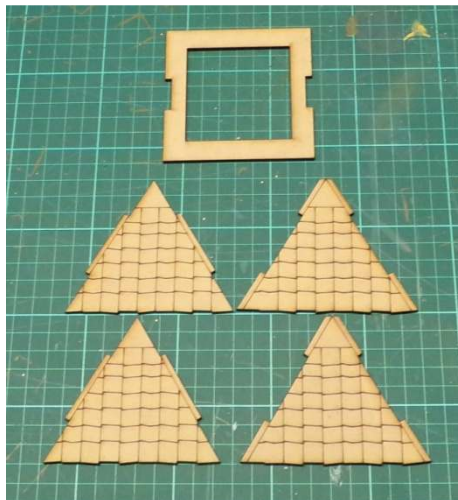
Wrap masking tape around the assembly to keep in place whilst drying.

Bell tower roof:

Components.

4 x small roof triangles

1x locator square



Glue the two male and female roof pieces together and secure with masking tape. If you have a cutting mat, align the sub assembly's with the markings to keep the halves as square as possible.



Let dry until the glue is starting to harden.



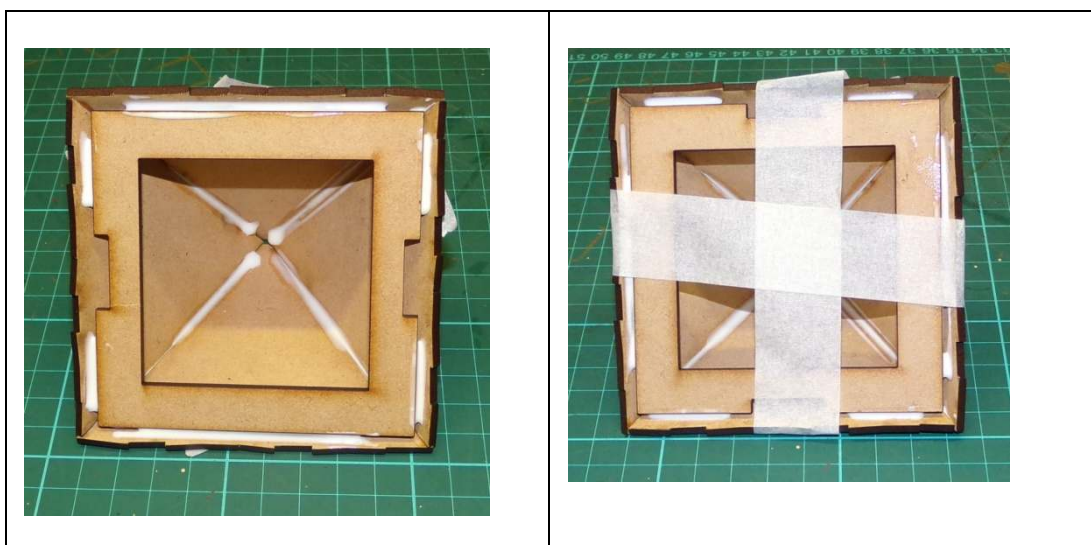
Glue the two halves together and secure with masking tape to help the assembly to hold its shape.



flip assembly over and run a bead of glue into the corners to add strength.



Fit the locator square into the base, ensuring an even spacing around the sides.



Then glue in place securing with masking tape.

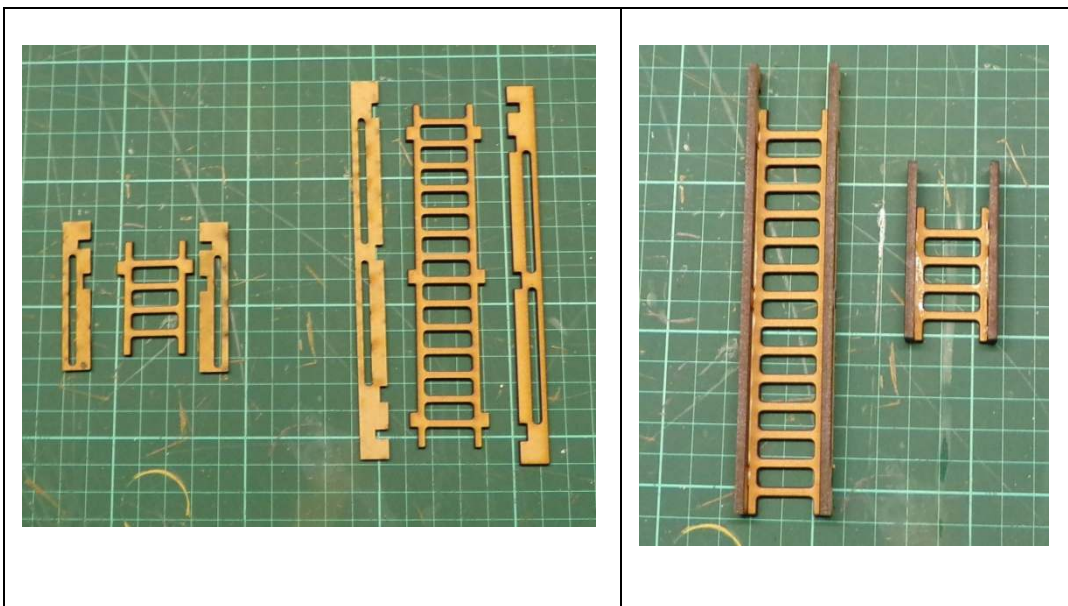


Place upside down into bell tower until dry.

Ladder assembly:

There two ladders, one small, which provides access from the loft to the bell tower, and one large, which provides access from the floor to the loft.

Ladders can only be assembled one way, with the bottom of the ladder bits aligning.

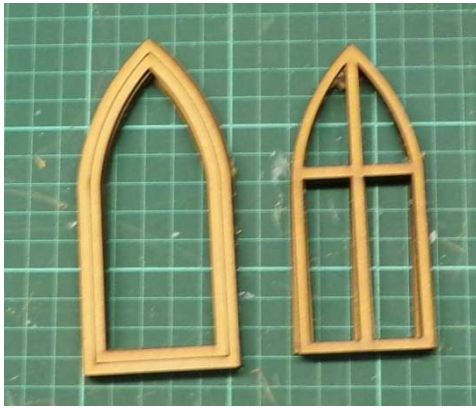


WALL ASSEMBLY:

This consists of several steps. Let the glue on each step dry before continuing.

Window assembly:

Take the 4 large arched windows and frames and glue together.



You might need to clamp the top and bottom of the frames to prevent movement. Make four sets.

Take the two long walls and glue the window assembly's into the engraved area.



BUTTRESS ASSEMBLY

This consists of several steps. Let the glue on each step dry before continuing.

Components.

- 12 x Butress pieces.
- 2 x long walls
- 2 x return rear walls
- 6 x tiled buttress roof



The buttress assembly for the side walls, consists of a right hand, a left hand and a middle piece.

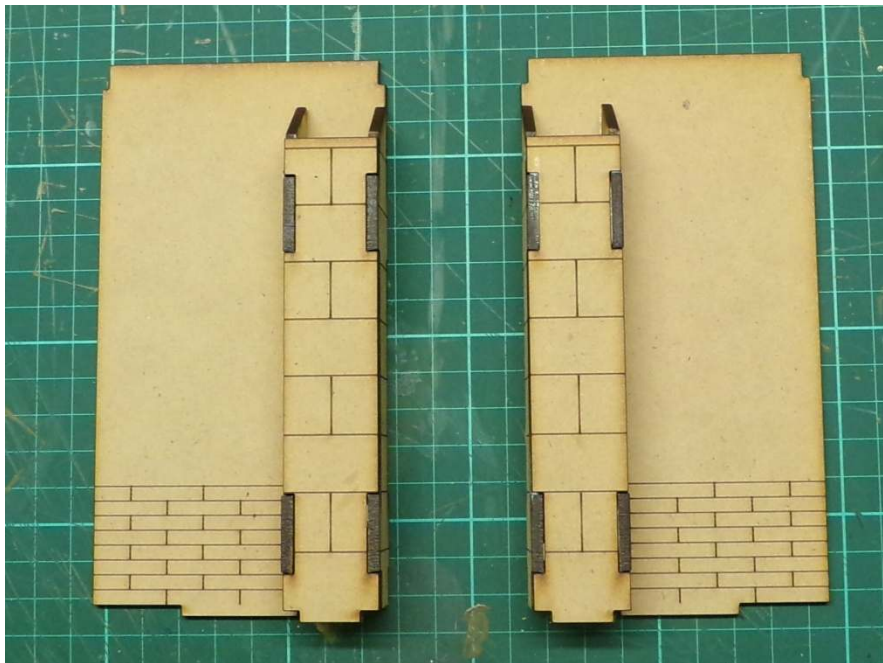
There are 2 buttress's on each side wall, and a single buttress on each of the rear return walls.



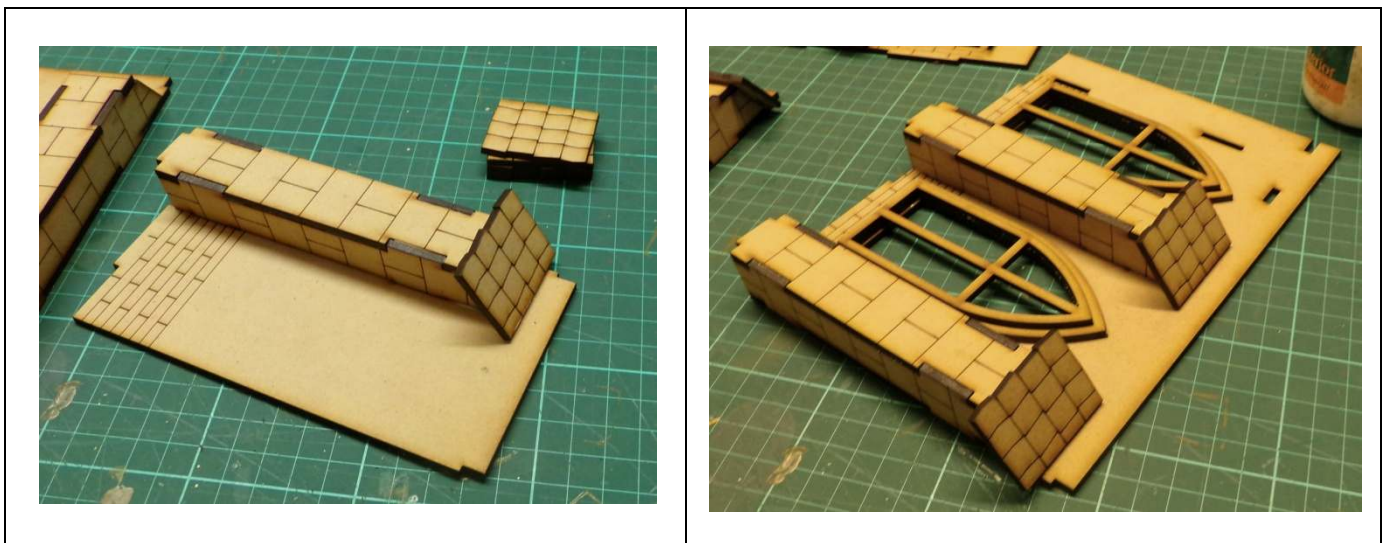
Glue in the right and left hand pieces and then glue in the middle piece, keeping the assembly as square as possible to the wall.



Right and left hand wall sections.



Rear return sections with buttresses



After the glued buttress is dry, glue the small tiled roof with the flat side against the wall.

Do this for all buttresses.

MAIN BUILDING ASSEMBLY:

This consists of several steps. Let the glue on each step dry before continuing

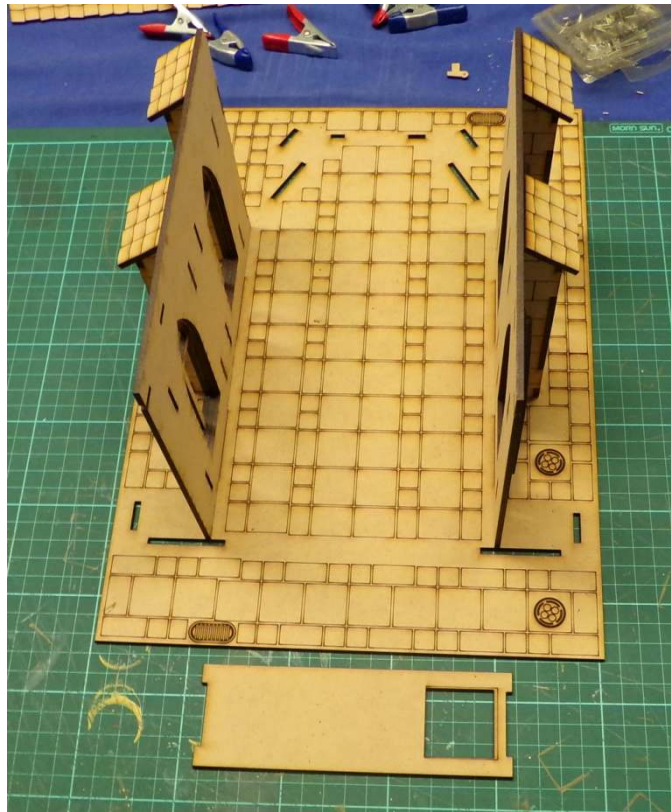


Components.

- 1 x baseplate
- 2 x side wall assemblies
- 2 x rear return wall assemblies
- 1 x front entrance assembly
- 1 x rear wall assembly
- 1 x loft piece
- 4 x front buttress pieces
- 2 x long tiled buttress roof pieces



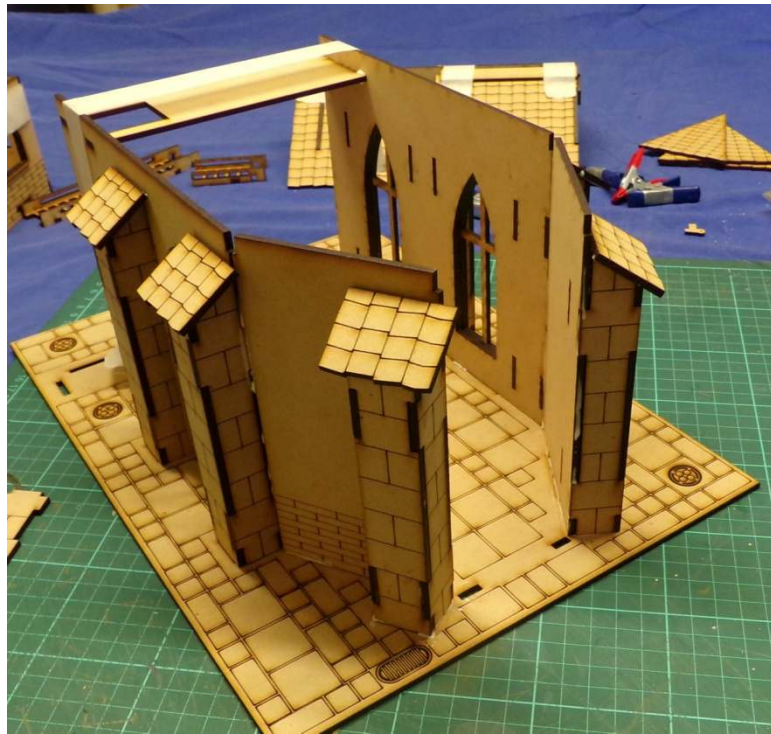
Dry fit the walls first to get an indication of fit, and possible problem areas



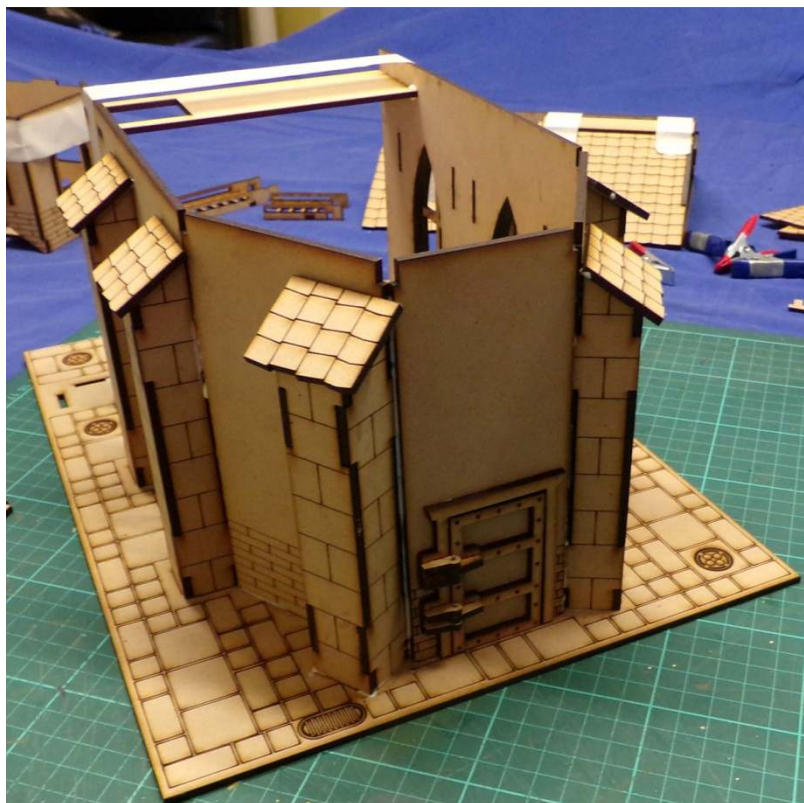
Glue in the side walls, and then fit in the loft piece with the ladder access to the right.



Use masking tape to ensure that the top is aligned and dries correctly.



Fit and glue in the rear return walls.



fit and glue in the rear wall

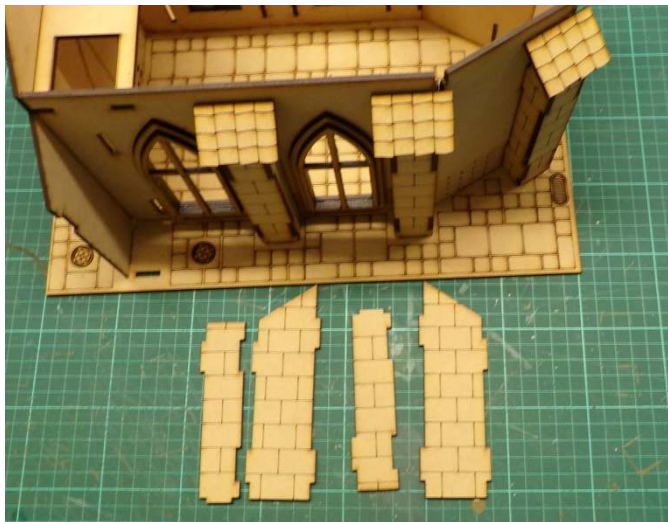


Fit and glue in the front wall.

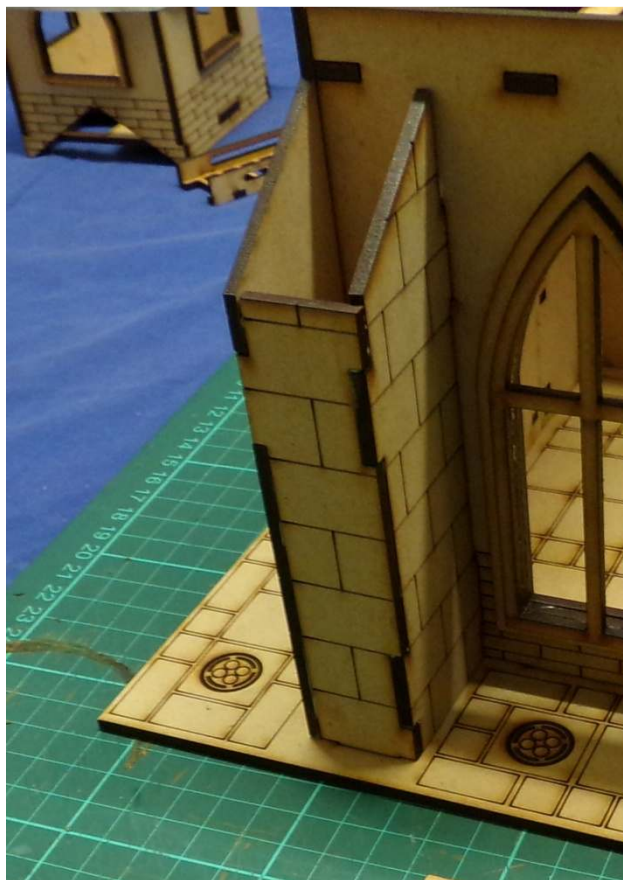


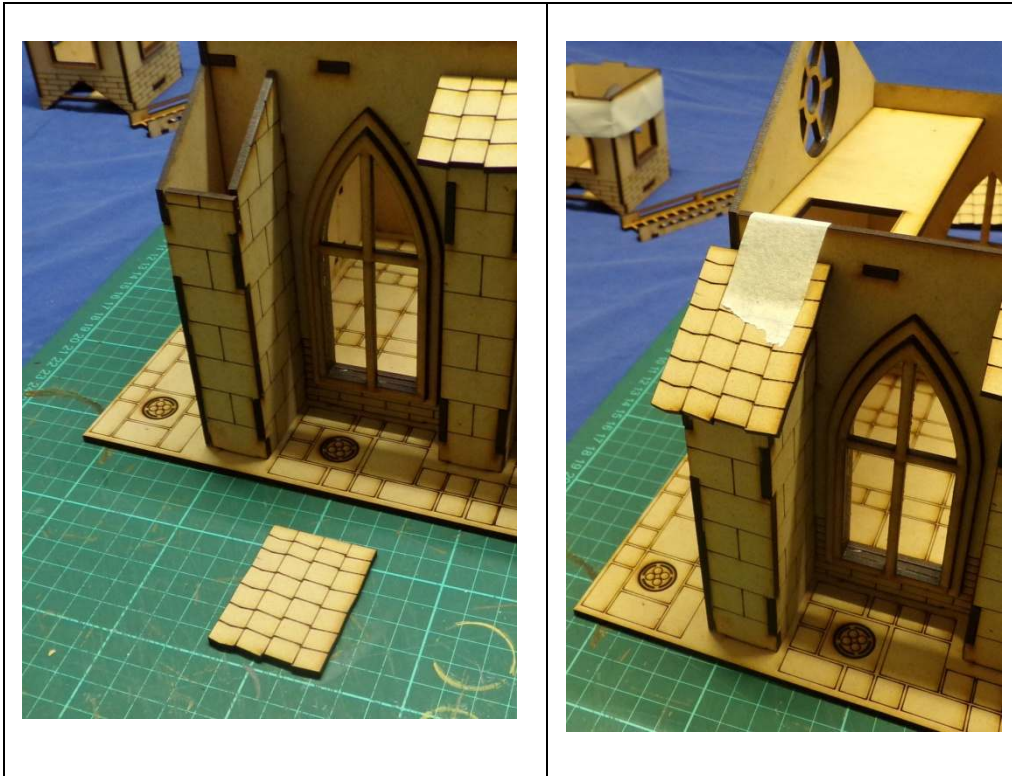
Ensure that the front wall and the side walls align correctly. Use masking tape to hold them in position whilst drying.

Fitting the front buttress



The front buttress comes in 2 parts per side, and in left and right hand. Fit the side pieces first followed by the middle section.





Fit the long tiled buttress roof pieces, glue into position and use masking tape to hold until dry.

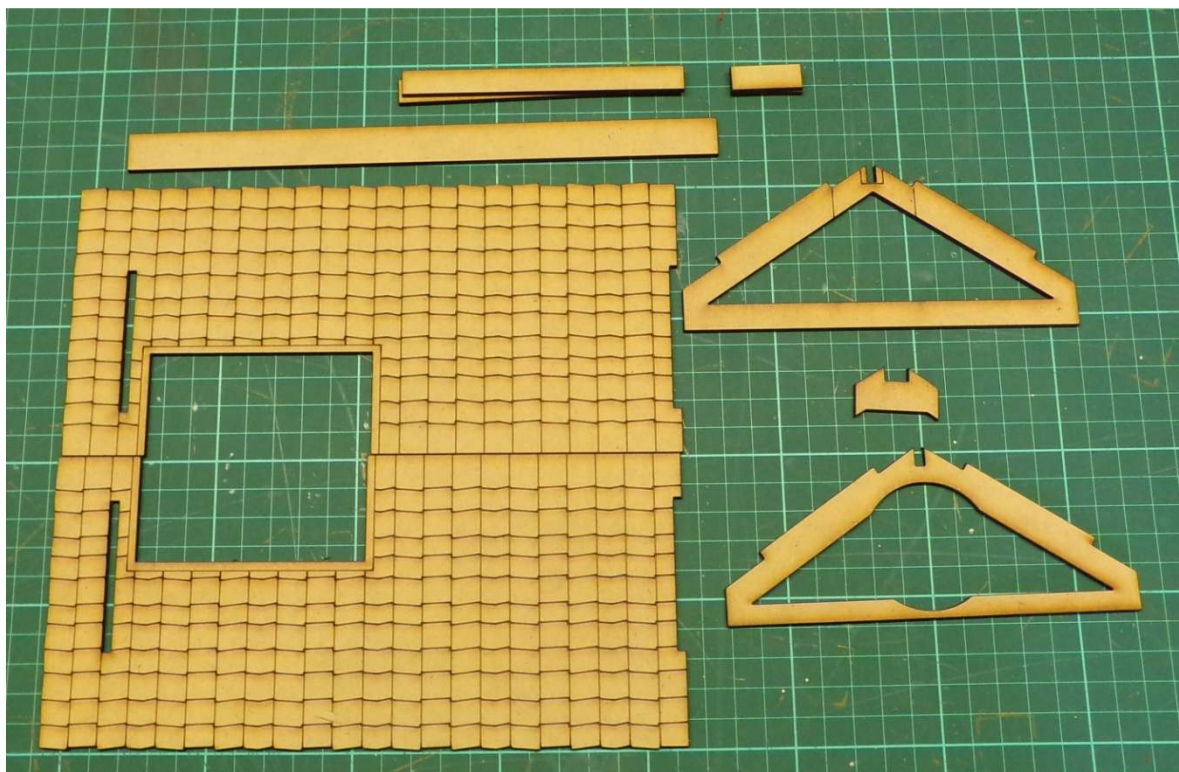
ROOF ASSEMBLY:

Scrape whatever's left into a pile... This is what you will need....

PART ONE.

Components.

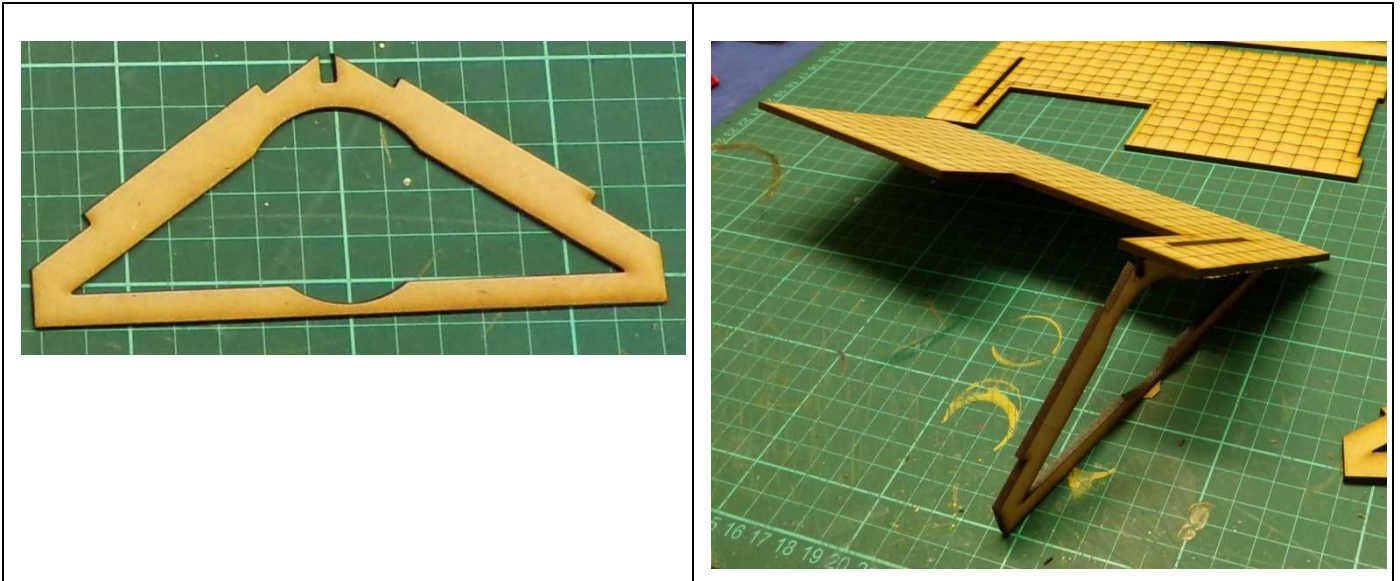
- 2 x large roof sections
- 1x long roof beam
- 2x long cladding pieces
- 2 x short cladding pieces
- 2 x apex frames
- 1 x hip support piece



glue the hip support piece to the rear apex frame, aligning it within the engraved marks.



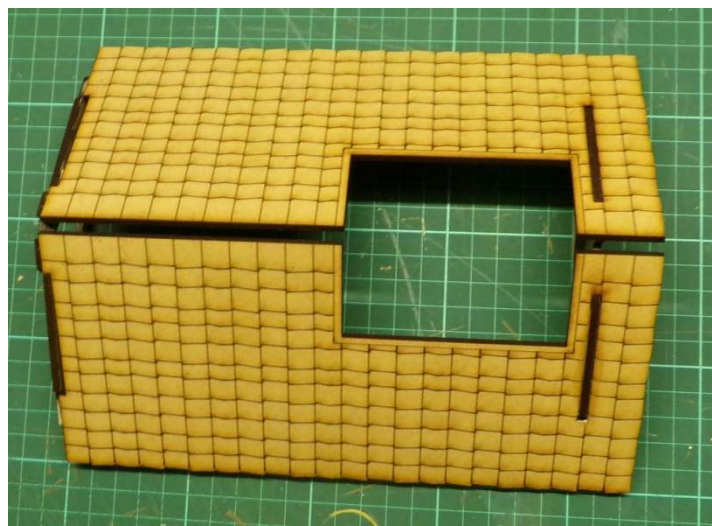
Glue the front apex frame to the roof ensuring that the bell tower cut-out is closest to the frame.

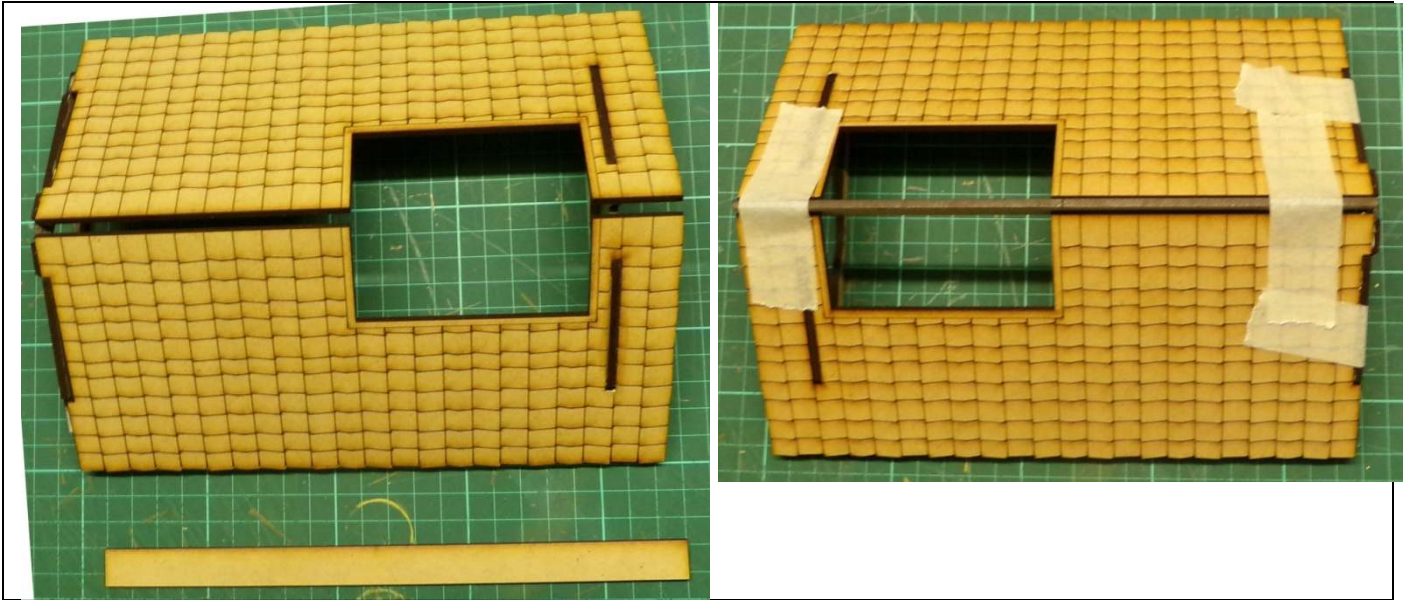


Glue the rear apex frame to the roof ensuring that the hip piece is facing outwards.

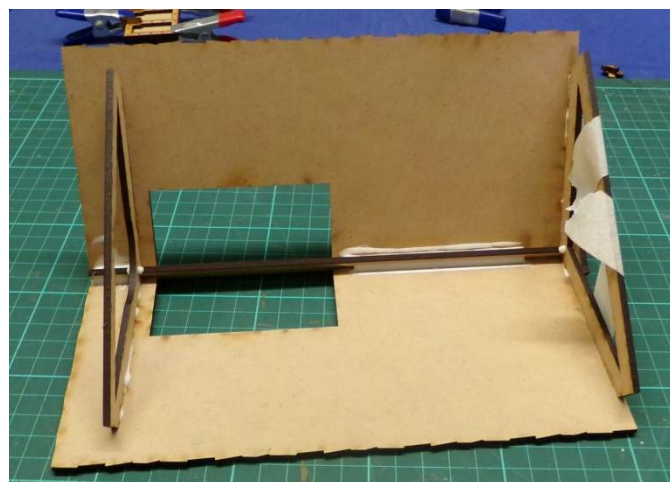


Glue the second roof piece to the assembly

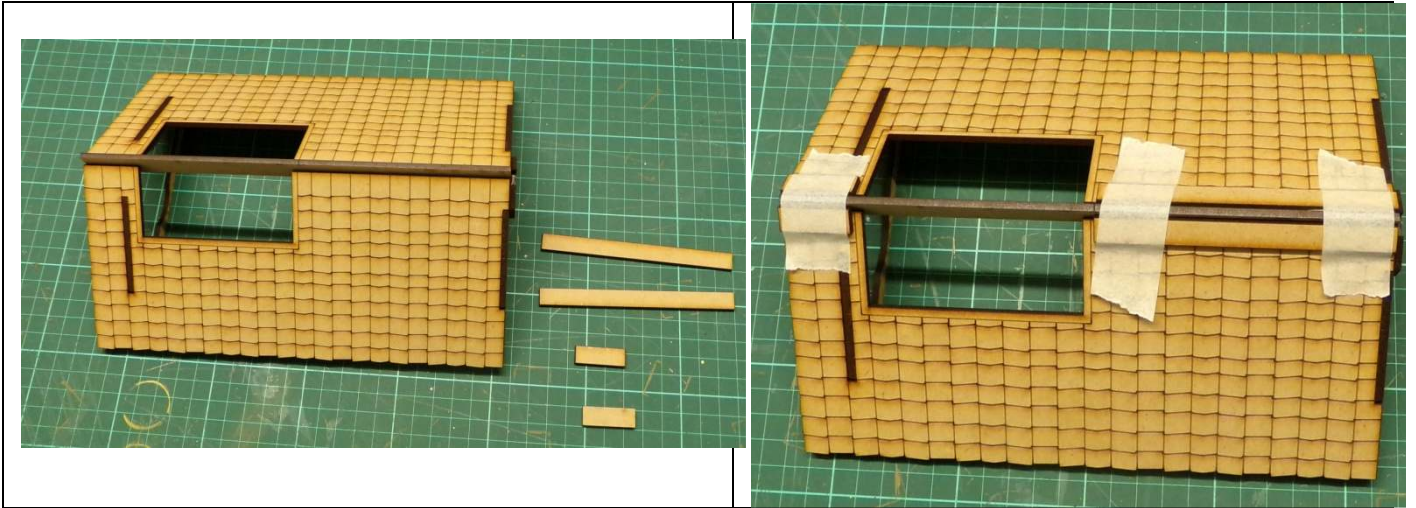




Take the long roof beam and insert and glue into the apex frames ensuring that the beam aligns flush with the rear apex frame. Use masking tape keep the pieces flush and aligned.



Flip the roof over and run a bead of glue on the either side of the long roof beam to help secure the rigidity of the roof.

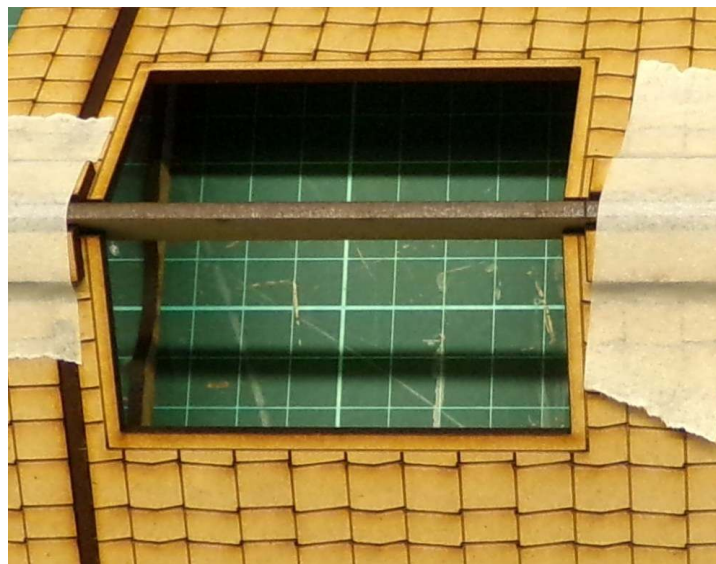


Take the long cladding pieces and glue to rear of the roof ensuring that the cladding bits are flush to the rear of the roof. Use masking tape to secure in place.

Glue the short cladding pieces to the front ensuring that the cladding pieces are flush to the front of the roof. Use masking tape to secure in place.



Ensure that the rear cladding is flush to the roof rear.



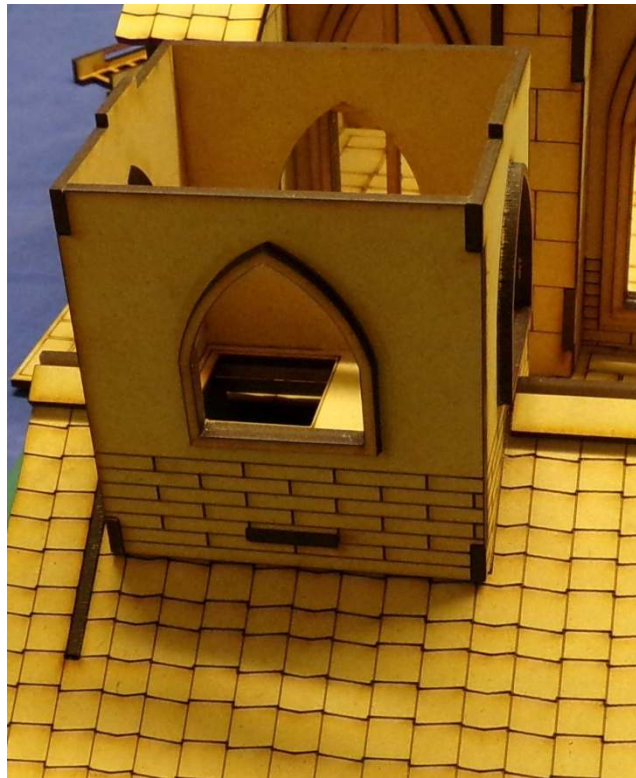
Ensure that the cladding pieces do not intrude into the engraved area of the bell tower cut-out.



Now for the fun part... The middle section of the long roof beam needs to be removed to allow the bell tower to fit into the roof. Use a saw or side cutters to remove the middle piece.



Ensure that the cuts are flush with the engraved lines of the bell tower cut-out.



Dry fit the bell tower to ensure correct fitting. Do not glue down at this time.



Place roof onto building so that the front apex frame is sitting almost flat on the loft and hard up against the front wall. The rear apex frame should be resting between the side walls and not intruding into the knave area. Secure with masking tape to prevent warpage as the next stage dries.

ROOF ASSEMBLY PART 2

KNAVE ROOF ASSEMBLY

Components.

2 x small beams

3x triangular roof sections

Roof section part 1

Main building



Take the two small beams,



an fit them into the hip support piece at the top and run them into the cut-outs in the knave wall.

IMPORTANT.

ONLY GLUE THE TOP OF THE SMALL BEAMS WHERE THEY FIT INTO THE HIP SUPPORT
PIECE.

Otherwise you will not be able to remove the roof.

Use a small piece of tape to secure the roof beams at the top



Take the three knave roof pieces and dry fit them to the knave.

The middle piece is an easy fit but the 2 outside bits ARE CUT AS A LEFT AND A RIGHT.



INCORRECT POSITIONING.

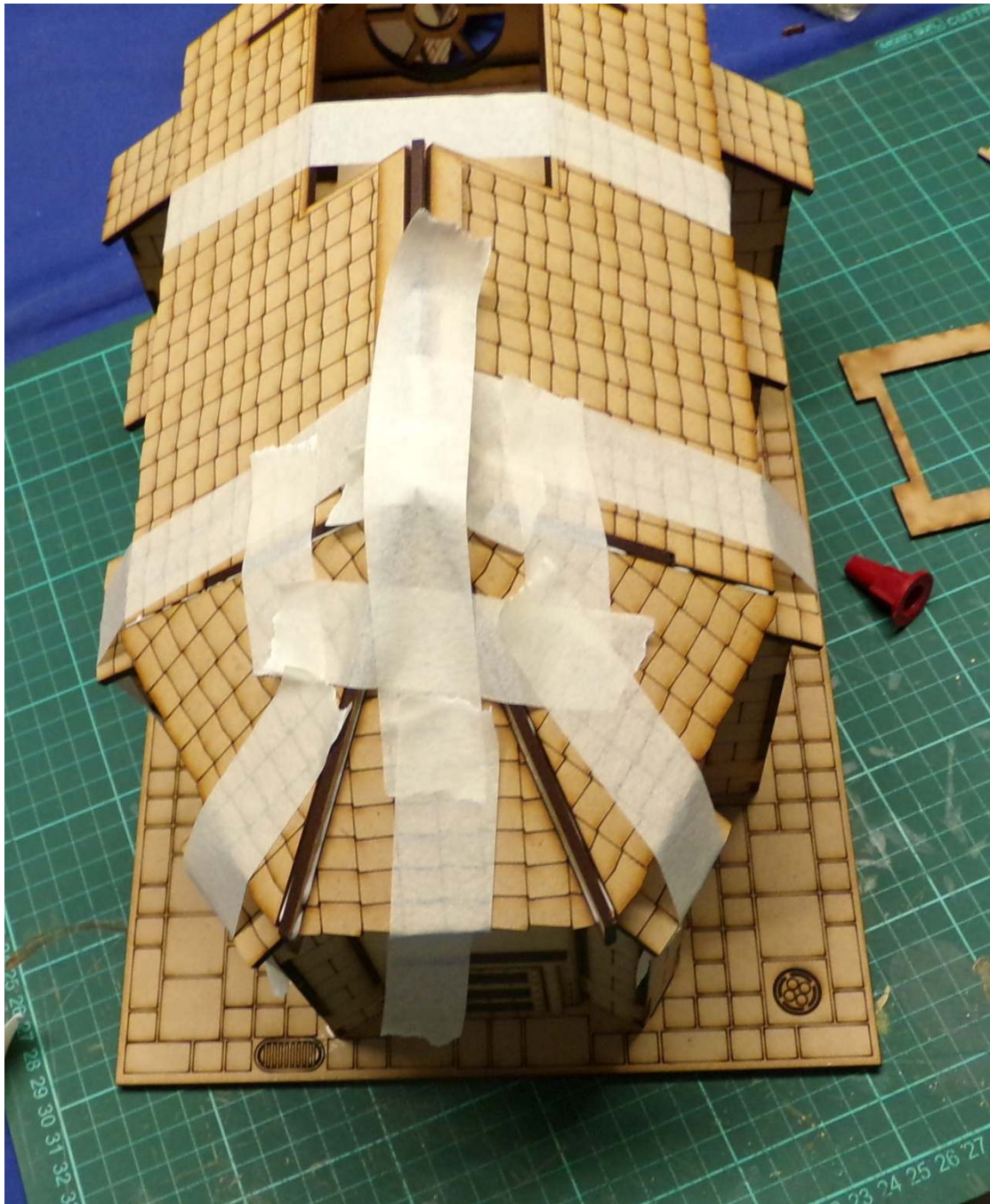


CORRECT POSITIONING



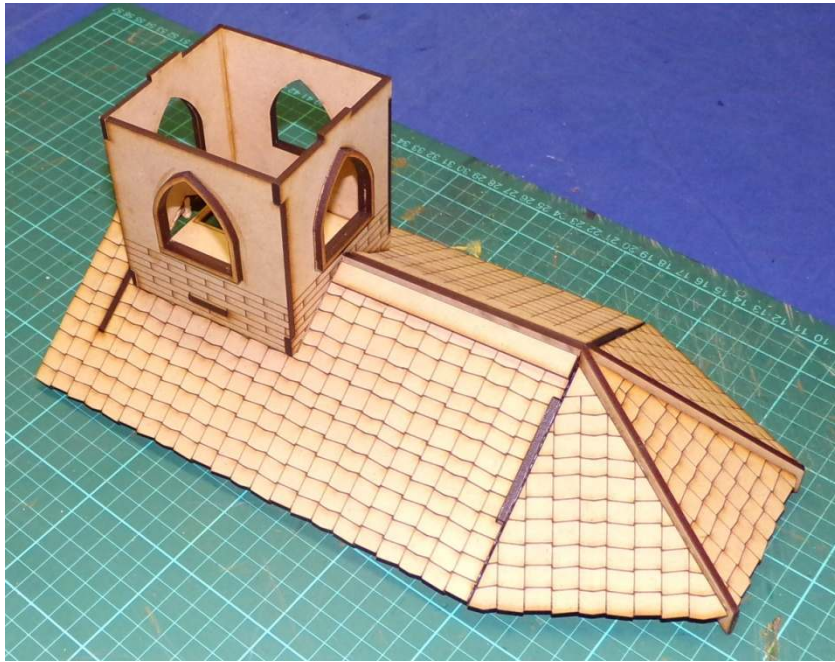
Glue the roof down ensuring that you only place glue along the long edges, so that the roof can be removable. use masking tape to ensure piece stays in place while drying.





Use masking tape to ensure pieces stays in place while drying. And to prevent the assembly from warping as the glue dries.

When dry, remove the tape flip the roof over, and add a bead of glue to the underside of the knave beams to add strength to the assembly.



Glue the bell tower to the roof

Let dry... Then paint :)

