

# Castles

## ASSEMBLY INSTRUCTIONS for PO292 Watch Tower



### PLEASE - PAY ATTENTION

Read through the instructions before you start.  
You must follow these step by step instructions  
carefully to make this wonderfully detailed kit.

#### 1 Tools to build this kit.

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

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

#### 2 Glue.

We recommend using **Speed Bond**.

Made by Deluxe Materials -

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

This is a good all round glue that works very well in our Ultra Fine Tip Glue Applicators.

**UHU Solvent Free All Purpose Adhesive** is also good.



#### 3 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.



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



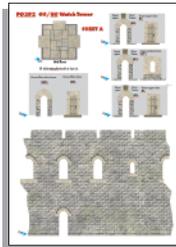
#### 4 Extracting components from base sheets.

To stop 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.

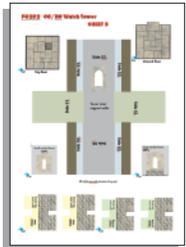
To release them run the point of your knife along these score lines and they will come seamlessly away. **WARNING**, Cut with care to reduce the risk of the blade running out of the score and cutting the component.

#### 5 Kit components.

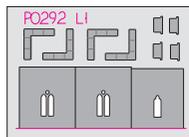
##### SHEET A.



##### SHEET B.



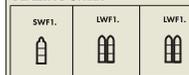
Printed and die cut components.



##### Laser sheet L1.

Capping stones for the wall tops, 2 x large window frames and 1 x small.

##### PO292 CASTLE WATCH TOWER GLAZING SHEET



Cut out each glazing component along the outer lines using scissors or a knife and straight edge.

##### Glazing sheet.

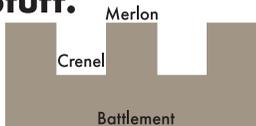
Clear plastic windows to fit the laser cut frames above.

PLUS 1 x INSTRUCTION SHEET (this one).

## 6 Technical Stuff.

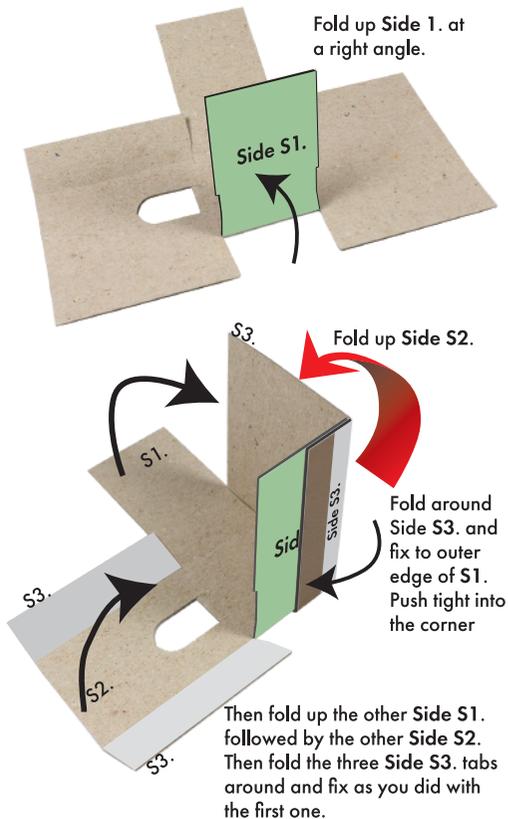
### Castle Wall Terminology.

Just so you know.



## 7 Inner Support Walls.

From SHEET B. Extract Inner support walls.



All four Side S3. tabs should now be fixed firmly to the inner green Side S1's.

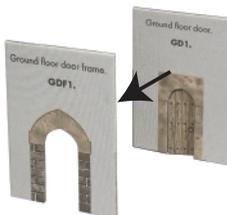
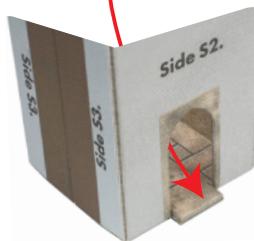
Butt ended together tightly where they join.

Flush along the top edges and the bases.



Insert the Ground floor.

Doorstep sticking through the opening.



Fix the Ground floor door GD1. to the back of the GDF1. Door frame.

Then fit down inside the inner support fixed to the back of the doorway.



## 8 Outer Walls.

From SHEET A. Extract tower walls.

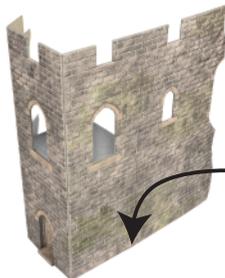
These walls wrap all the way around the inner support.

Fix these two side walls first. Door opening fitted over the door step, then fold the other side wall around and fix tight to the inner support.



Like this as viewed from this side.

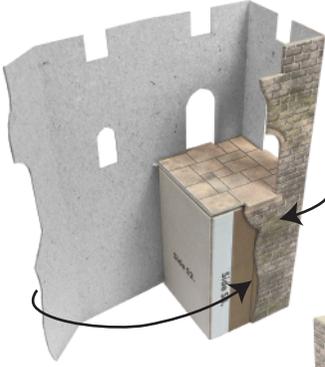
Keep all base edges flat to your work surface as you wrap the wall around.



Before you wrap the rest of the walls around, fit the Mid Floor.

Insert the small doorway tabs through the openings.

There is no need to glue it.



Fold this wall in and fix first, then bring the other sides around and fix tightly butted together along the join.

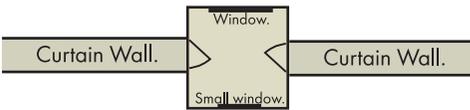
Like this.



## 9 Doors & Windows.

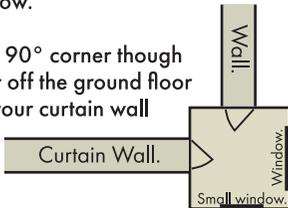
Now it's time to decide where you want the doors and windows.

The small window SWF1. is fixed and remains a window. But the other three openings can be made as either.



These plans show how.

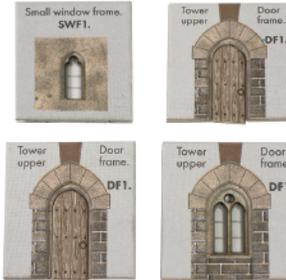
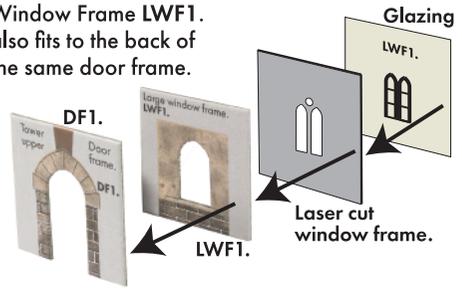
If you are turning a 90° corner though you will need to cut off the ground floor doorstep to allow your curtain wall to fit flush over the doorway.



If your tower is simply at the end of a wall then there is an extra window and frame to have three windows and one door.

Doors DF1. fit to the back of the DF1. Upper Door Frames

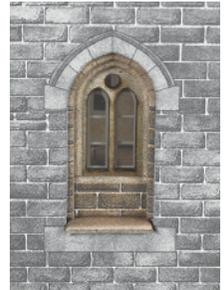
Window Frame LWF1. also fits to the back of the same door frame.



Doors and windows made up and ready to insert into the top of the tower.



Lower your windows into the tower using fingers or tweezers. Position sideways in the openings and then push down tight against the floor.



It is important the doors and windows are pushed down to the floor as the top floor (roof) sits directly on top of them.



# 10 Roof top and Battlements.

Drop the top floor down inside the tower so it sits on top of the doors and windows.



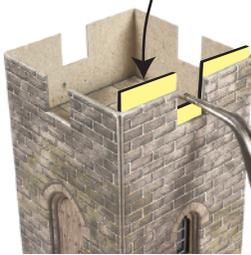
Fold and glue in half the four inner top walls.



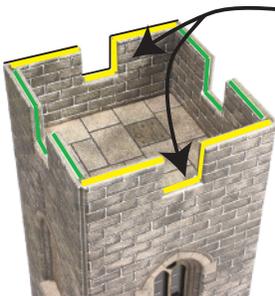
To give you inner turrets like this.



When fitting the inner walls to the battlements, always fit them just a little higher than the outer wall.



Then quickly before the glue dries slide them down using the point of your tweezers until they are level with the wall tops.



Fit the **YELLOW WIDE** walls first, opposite each other.

Then fit the **GREEN NARROW** walls at either side.

## Crenel Top Stones.

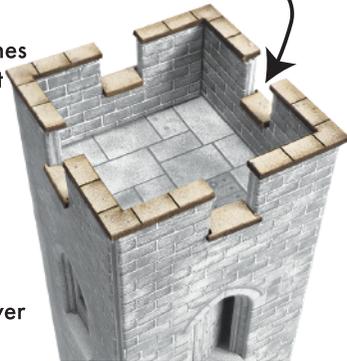
Shaped like this and located on Laser sheet L1.



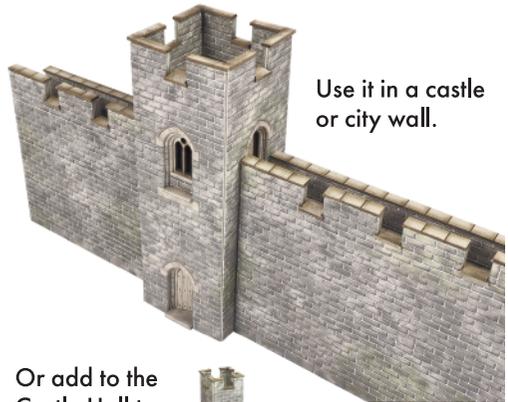
Place a tiny spot of glue on the bottom of the crenel and lift the top stone into the opening at an angle with your tweezers.

Then with the end of your tweezers push the top stone down level and into place.

Carefully push out the four 'L' shaped top stones from laser sheet L1. and fit to the wall tops on each corner.

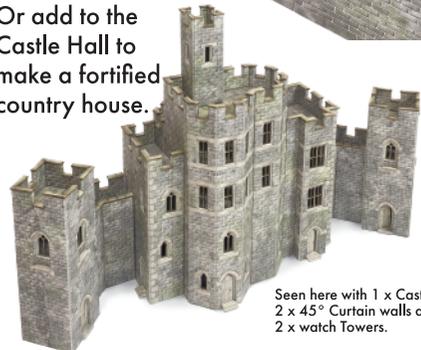


That's your tower finished



Use it in a castle or city wall.

Or add to the Castle Hall to make a fortified country house.



Seen here with 1 x Castle Hall  
2 x 45° Curtain walls and  
2 x watch Towers.