WWW.WORLDWORKSGAMES.COM

CASTLEWORKS ULTIMATE™

Complex Roof







COMPLEX ROOF

This roofing section pulls triple duty as a slanted roof, balcony and third floor. This is a great stand alone roof or can be combined with additional copies to create unique and complex structures.



After printing out the Complex Roof Mounting Template and basing it *(See the "Basing" tutorial in the Masterboard/PaperLinx section)* we can now begin attaching elements.

Cutout, score and fold the remaining elements for this model so we can begin gluing and construction.

1.5-INCH USERS:

Fold over and glue the end of the "complex roof base" as shown.

1-INCH USERS:

Fold over and glue the "1-inch complex roof insert"





Apply an even but thin spread of glue to the "complex roof mounting template". Now place the "complex roof base" on top of the template. Be careful to align the complex roof base to match the "L" shape of the template. Check the edges for proper alignment. The balcony should overhang the template.

1-INCH USERS:

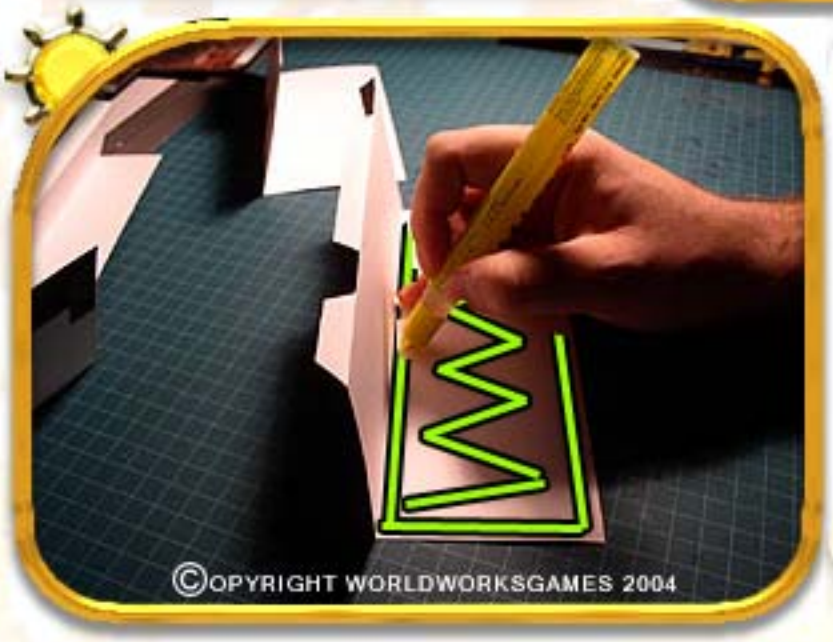
Follow the above instructions but instead use the "1-inch complex roof insert"



Here's a quick shot of the reverse side of the template. As you can see the balcony overhangs the template.

Bring forward all four wall elements for the next phase of construction.





Using a technique coined as" Sandwich Folding" or in other terms "burnishing" we will now prepare our walls.

Simply apply a bead of glue to the inside edges of your wall section and then a zigzag pattern down the middle.



Fold the wall section over and apply pressure to all edges and corners. Be sure to squeeze out any air bubbles and distribute the glue evenly.

Allow for a short drying period and then you can cut away any remaining white space.

Repeat this process for the remaining three wall sections.





Once your walls are complete glue them together as shown.

Bring forward your base template for the next phase of construction.



Apply a bead of glue to the area marked “front crenelations” and glue the crenelations tab in place.

Apply a bead of glue to the short left wall area and glue its tab in place.





Glue the final left wall tab in place.



Glue the back wall tab in place where marked.

Glue the remaining right side tabs in place where marked.





Pull the end tab forward slightly so that you can apply a small dab of glue. Pinch the final connection together and hold until dry.

1-INCH USERS:

Once this step is complete you can glue and insert the "1-inch complex roof insert"



Bring forward the main roof and "roofing bottom brace"

Flip over the main roof section and fold over/glue all edges.





Glue the short tab of the "roofing bottom brace" to the end of the main roof (the narrow end).



Fold over and glue the end flap of the bottom brace. The flap should hit the inside edge of the brace. This sets the appropriate angle for the slanted roof.

As an optional step we can now add a vaulted door section for our roofing.



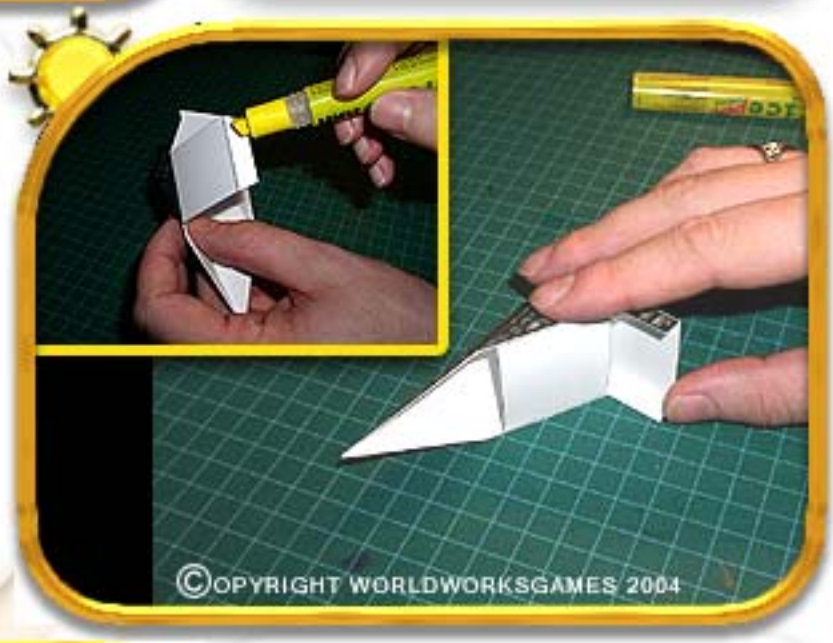


Glue the top roof tab in place as shown



Glue the side roof tab in place as shown.

Glue the remaining bottom tab in place as shown. If you have difficulty reaching this tab use a pen or another small implement to apply pressure to the tab.





Apply glue to the bottom of the vaulted door and place on the roof as shown. Apply pressure for at least 30 seconds or until dry.

Now edge your model with a dark felt to get rid of those nasty white lines and you're done!