

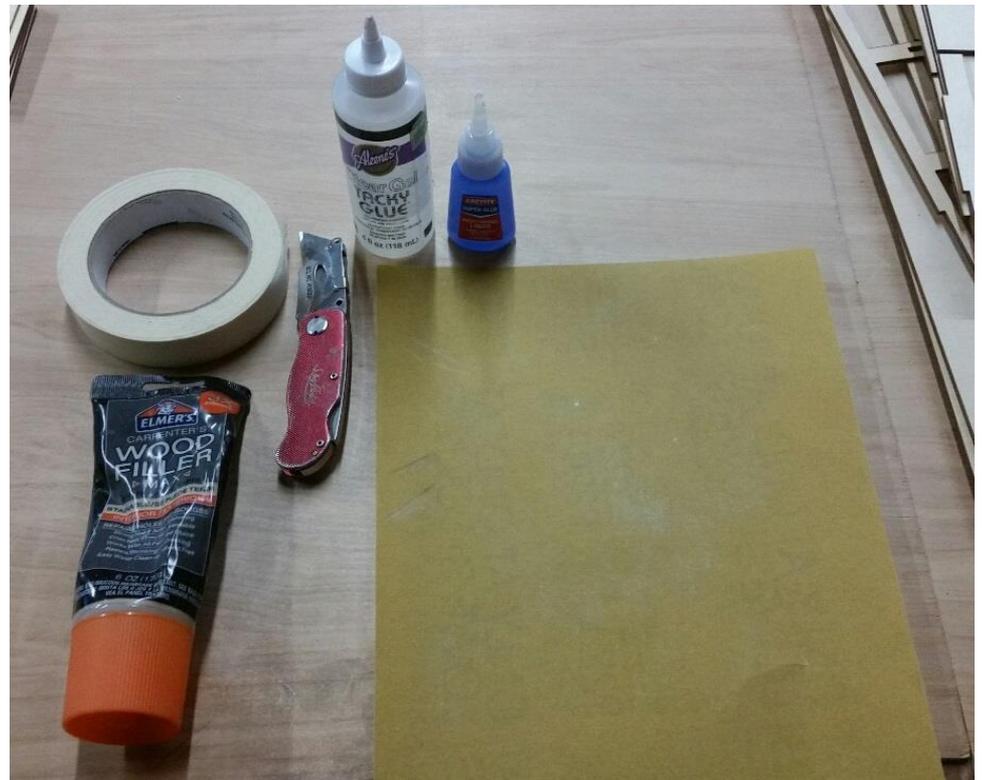
The Mirabella Victorian
Assembly Instruction
By Laser Dollhouse Designs



NOTE 1: Please do a dry assembly using only tape to hold house together. This will get you familiar with parts, location, and fit. This also gives you a chance to visualize how you want to approach the build. Also read each step and adhere to items that should not be glued till a later time..

Materials for build;

1. Wood glue, you may use Titebond, Elmers, tacky or any good wood glue. Tacky wood glue dries clear and is preferred. Super Glue for small items.
2. Masking tape to hold house in place during assembly and gluing.
3. Utility knife if needed for trimming.
4. 220 grit sandpaper.
5. Wood Filler
6. Size 1/2x19 pin nails (optional) if nailing house together with glue.
7. Needle nose and hammer (again optional) if nailing house.



House Assembly

Step 1. Locate base marked S1 thru S8, and sub frame rail S1 thru S8. Install the rails into the base as seen in figure 1.

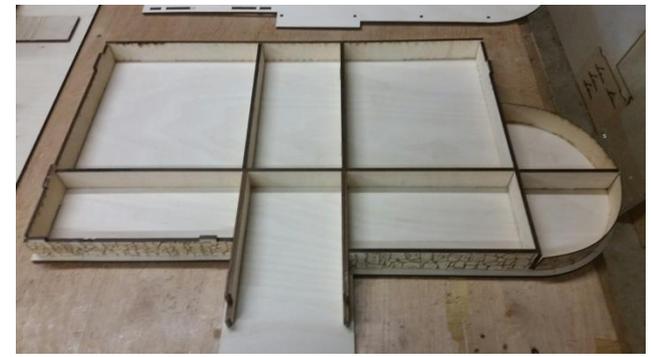


Figure 1

Step 2. Locate the main entry steps assembly as seen in figure 2. Next install onto base the step side walls as seen in figure 3. Install risers for the steps in between the outer side walls, figure 4. Install lower tread as seen in figure 5.

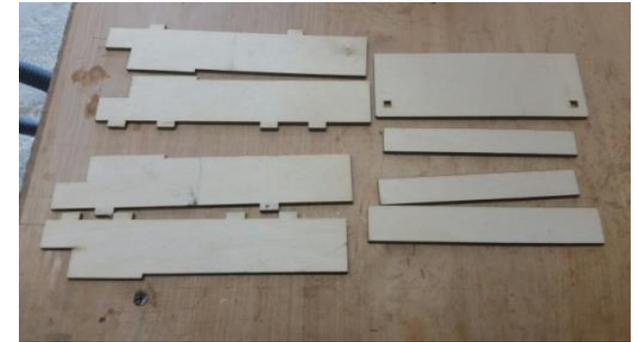


Figure 2



Figure 3



Figure 4



Figure 5

House Assembly

Step 3. Locate the 1st floor marked 1A thru 1F, figure 6. Next install 1st floor onto base assembly, figure 7. Install final tread to the steps as seen in figure 8, make sure again that it aligns to the first floor.

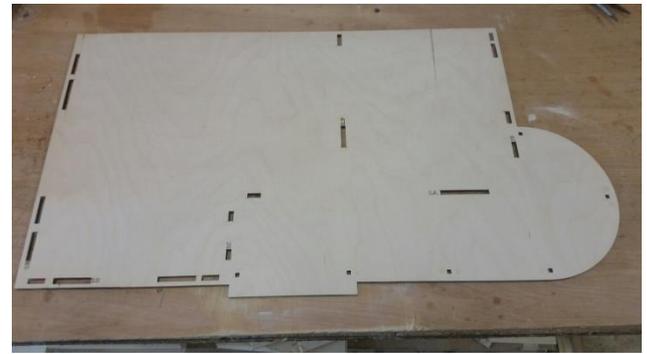


Figure 6



Figure 7



Figure 8

House Assembly

Step 4. Install walls 1A, 1B, 1C, and 1F as seen in figure 9. Next install second floor onto the installed walls, figure 10. Next install walls 1D and 1E, figure 11. Next carefully install the tower wall and adjacent walls 2D and 2H. **DO NOT GLUE THESE THREE WALL TO THE BASE UNTIL YOU HAVE SHINGLED THE TOWER WALLS!!** Note the tower wall has the words bottom and top labeled to avoid installing upside down. The words face outward, figure 12. Install onto the top of the tower wall the cover marked “tower temp cover for shingle installation.”

WARNING: DO NOT GLUE TEMP COVER TO THE WALL!!!!

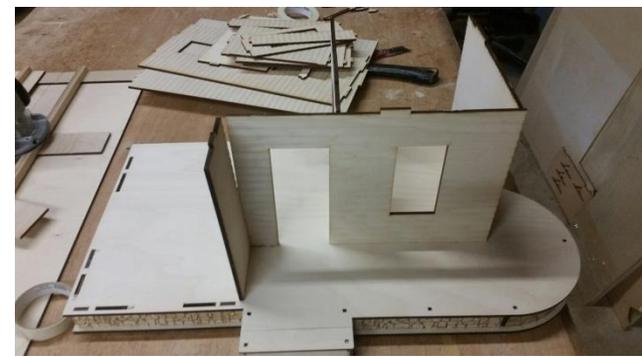


Figure 9



Figure 10



Figure 11



Figure 12

Tower wall shingle assembly

Step 1. Tower wall shingles. For gluing recommend using super glue as you are going to be forcing the wood in a circle. You are provided one tube for this in the kit. Try taping shingles on to get a good idea prior to starting with glue. **If doing dry assembly proceed to step 5 in House assembly.** Locate the 4 rows and 3 window shingles in the kit. Do not open them until ready to use to avoid mixing. Take out row 1, figure 1. The shingles are packaged in the order that they are applied. The last shingle is slightly smaller that goes on the very top. Starting on the right wall glue to the wall flush to the bottom the first shingle, figure 2. Next install the next shingle with the bottom aligned to the lower shingle cutout upper divider line, make sure you align also the outside edge. Shingle should be offset as seen in figure 3.



Figure 1

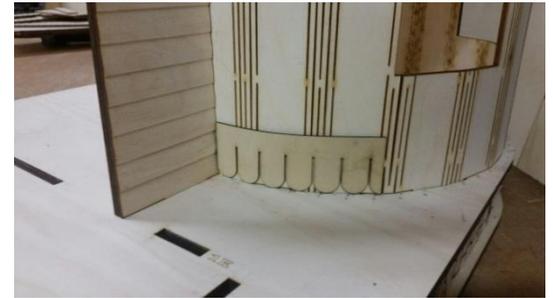


Figure 2

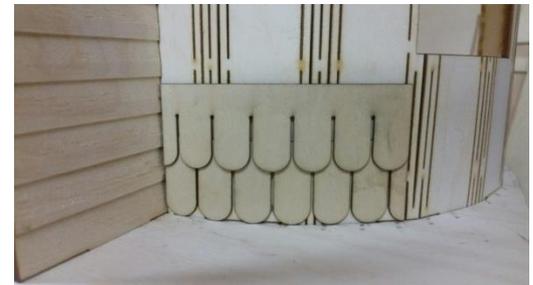


Figure 3

Tower wall shingle assembly

Step 2. Continue installing the shingles to the top of the wall as seen in figure 4. If you for some reason are short and do not hit the top flush do not worry install shingle to match lower shingle is most important for the correct look. In the end a upper and lower band will go around the top and bottom, figure 4.

Step 3. Locate the window 1 package of 6 shingles. Install the first against the first row and again flush to the floor. Continue to the bottom of the window, figure 5. Clamp or tape and let dry. **Dry time for super glue is around 5 min.**

Step 4. Take the next shingle and install aligning it to the shingles on the right and the top of the window. Install remaining shingles and clamp or tape and let dry, fig 7.



Figure 4



Figure 5



Figure 6



Figure 7

Tower wall shingle assembly

Step 5. Locate row 2 shingles, install first 4 rows and clamp in between windows just below the shingle divider cutouts, figure 8. Install next shingle and clamp as you go up to help form shingles around windows, figure 9. Install remaining shingles once dry and clamp as seen in figure 10.

Step 6. Locate window 2 shingles and install as you did earlier for window 1, clamp and let dry, figure 11.

Step 7. Locate row 3 shingles and install as done earlier and clamp to let dry, figure 12.

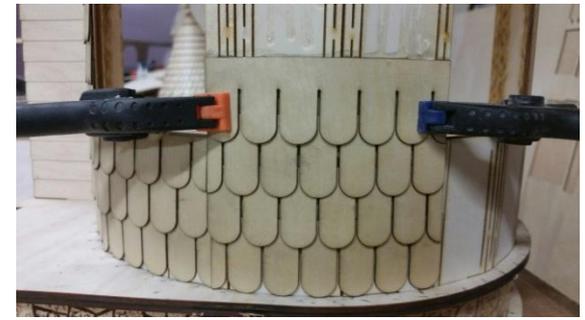


Figure 8

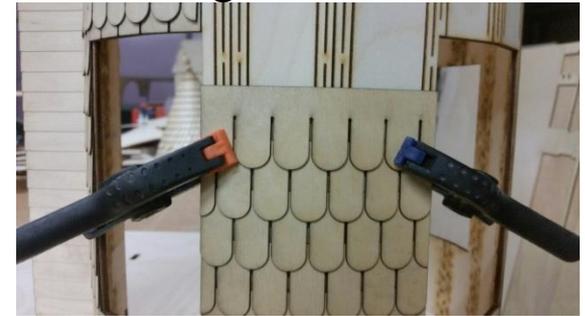


Figure 9



Figure 10



Figure 11



Figure 12

Tower wall shingle assembly

Step 8. Locate window 3 shingles and complete as done earlier, clamp and let dry, figure 13.

Step 9. Locate Row 4 shingles and install as done earlier, figure 14.

10. Locate the two bands, apply glue to back of band and install starting at one end and working around, use clamps to hold in place. If needed remove walls 2D and 2H to apply clamps. Also remove top temp cover and apply clamps, figure 15.



Figure 13



Figure 14



Figure 15

House Assembly

Step 5. Install remaining 2nd floor walls, keep in mind you will be walling off the bathroom. If you choose leave the front door wall off for an open room. If sealing off just do not install window later for access, figure 13. Next install 3rd floor panel, figure 14. Next install rear roof panel support to the back of third floor, figure 15. Install mid section roof support, figure 16. Next install two front walls and front right alcove roof panel, figure 17.



Figure 13



Figure 14



Figure 15



Figure 16



Figure 17

House Assembly

Step 6. Install left outer roof panel, figure 18. Next install the right front panel, figure 19. Install right side panel, figure 20. Once these panels are done the tower assembly can start. **Do not shingle the main house till the tower is completed first...**



Figure 18



Figure 19



Figure 20

House Assembly

Step 7. Tower Construction- Each level is separated, to avoid confusion do not mix parts for each level. Complete one section at a time and then the next. Use wood glue..

“DO NOT USE SUPERGLUE TO COMPLETE AS YOU MAY REQUIRE ROTATING THE LEVELS TO ALIGN PROPERLY.”

Locate the bag with level one shingles and anchors. Install shingle anchors as seen in figure 21. Next install shingles to anchors, figure 22 **Note that there are two shingles that match up to the main house roof panels. For each level there are cut to fit but may need some sanding during customer assembly.**

Step 8. Locate level two parts and install the level two base, the holes should align at the line in between the lower installed shingles. This will stagger the shingles once installed, figure 23.

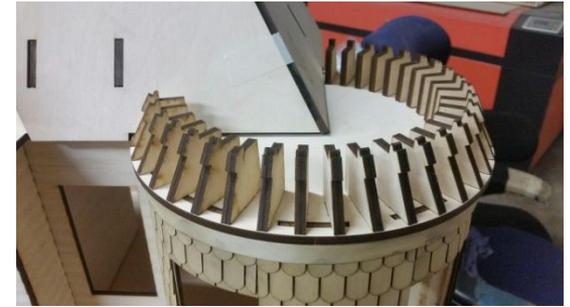


Figure 21



Figure 22



Figure 23

House Assembly

Step 9. Install level two shingle anchors, figure 24. Next install shingles and verify that the lower tips fall aligned to lower shingle edges if not rotate to get proper alignment as seen in figure 25. Complete the same process for level 3, figure 26. Continue with tower level until your reach level 14, once to level 14 install the base plate but do not glue. Allow a few minutes for lower levels to dry, figure 27.



Figure 24



Figure 25



Figure 26



Figure 27

House Assembly

Step 10. Once dry time has passed, remove the level 14 base plate and install shingle anchors as seen in figure 28. Next install the tower cap base plate, figure 29. Now install the tower cap, figure 30.

Step 11. Install assembled parts to house tower and shingle, figure 31.

Step 12. OPTIONAL- install wood filler to the top shingle tab areas and sand. Use a blade to remove any excess in between shingles, figure 32.



Figure 28



Figure 29



Figure 30



Figure 31



Figure 32

House Assembly

Step 13. Locate the 8 porch post and separate the two with a short notch at the bottom, these are for the porch step location. Figure 33. Next install the post into the floor and step, do not glue to the upper floor at this time. The corner brackets will be glued to post and roof later, this will allow you to properly align them. Figure 34. Assemble porch rails. Single slotted $\frac{1}{4}$ " rails are the bottom and the double rails handles are the top. Once assembled paint and install by starting at the stairs (fig 35) and work your way around, figure 36. Next install right top flat roof panel, figure 37.



Figure 33



Figure 34



Figure 35



Figure 36



Figure 37

House Assembly

Step 14. Install corner post brackets at porch facing inward as seen in figure 38. Install remaining on each side of posts, figure 39.

Step 15. Glue to the dormer side walls to dormer front wall. Make sure that they are flush to the edge and aligned even to the front wall bottom. Next install dormer to left side roof panel, figure 40. Install the dormer roof panels, figure 41.



Figure 38



Figure 39



Figure 40



Figure 41

House Assembly

Step 16. Next install the front gables, they fit against the front walls under the roof panel. Make sure you painted the panels prior to gluing in, figure 42. Next install dormer gable, figure 43. Now Install gable ornament crest, figure 44.

Step 17. Install front roof ornament crests as seen in figure 45.



Figure 42



Figure 43



Figure 44



Figure 45

House Assembly

Step 18. Assemble and install 2nd floor railing



Figure 46

Window Installation Assembly

Step 19. Take a window and the two glass (figure 47) and insert into the opening to verify it fits as you may have painted the interior. If not fitted flush sand the corners with the protective cover on till it fits. Next remove the plastic cover from the glass. (make sure your hands are clean). Apply a very thin coat of glue to inside edge of pane, figure 48. Now install glass into the pane and gently press into place, take care not to press too hard and break the pane. Check that window opens over upper frame, if so let dry, fig. 49. Next glue the window interior frame, figure 50. Repeat process for remaining windows.

Step 20. Locate the two oval windows and the glass. Next apply to the edge of the pane a small amount of glue, remove protective cover from glass and insert into rear. Install windows into house.



Figure 47



Figure 48



Figure 49



Figure 50

Stair Assembly

Step 21. Follow the instructions and assemble a left handrail staircase as seen in figure 51. Next install the staircases to the house making sure the top tread is even with the floor as seen in figure 52.

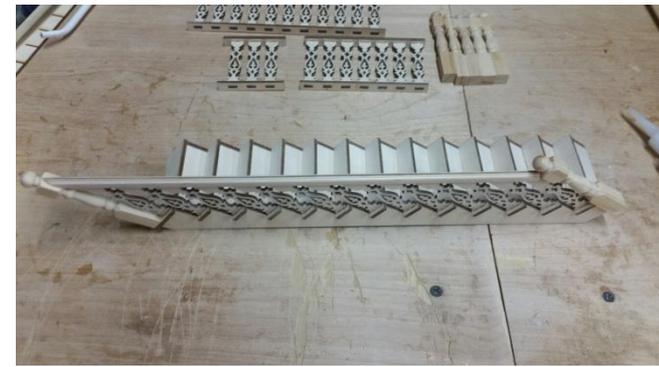


Figure 51

Step 22. Locate the landing rails, 4 newel post, and the half wall. Next insert the balusters into the rails as seen in figure 53. Install top cover rail onto assembly, figure 54.



Figure 53



Figure 54

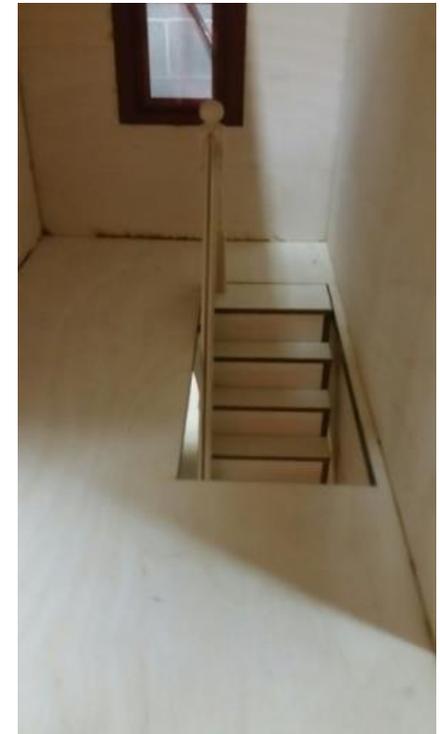


Figure 52

Stair Assembly Cont.

Step 23. Install long landing rail to the 2nd floor, figure 55.
Next install the short landing rail to the 3rd floor and
install the triangle wall and short rail as seen in figure
56.



Figure 55



Figure 56

Shingle Installation

Step 24. Installing shingles start with the right front facing roof panel and install even to the bottom of the panel the lower board, figure 57. Pictured is the Hannah but install process is the same.



Figure 57

Shingle Installation

Step 25. **NOTE: There should be minimal trimming of shingles as they are cut to fit.** Next install first shingle strip halfway from bottom of lower board. Figure 58. Next apply 2nd string of shingles where the bottom of the fish scale meets the top of the lower groove cutout. The cutout grooves on the lower installed shingle will be the alignment guide for installing shingles above for each row. Figure 59. Continue process to the top, figure 60.



Figure 58



Figure 59



Figure 60

Shingle Installation

Step 26. Shingle next the side facing panel, again start with the lower board, figure 61. Follow same process as done on previous panel to the top, figure 62.



Figure 61

Step 27. Install the flat roof running trim, figure 63.

Step 28. Shingle the side main roof panel again start with the lower board, figure 64. Follow same process as before to the top, figure 65.



Figure 62



Figure 63



Figure 64

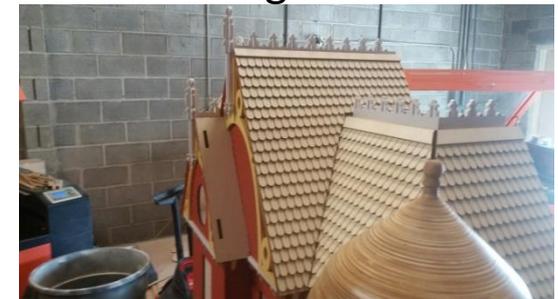


Figure 65

Shingle Installation

Step 29. Shingle the lower alcove, figure 66. Follow same process as before to the top, figure 66.

Step 30. Shingle the left and right side of the dormer roof, figure 67. Next shingle the left main roof panel, figure 68. Finally shingle the porch roof panels, figure 69.

Step 31. Install interior door and interior frames, assembly completed.



Figure 66



Figure 67



Figure 68



Figure 69



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