

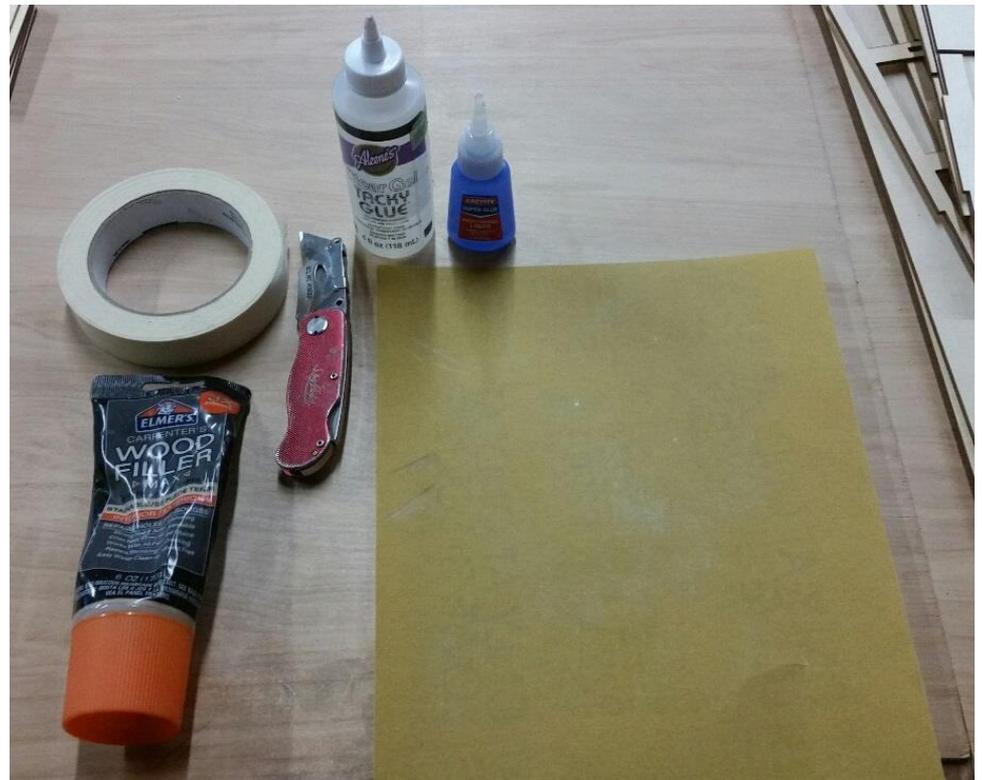
The Hamlin Assembly Instruction
By Laser Dollhouse Designs



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 1A thru 1I, figure 1. Next install walls 1H, 1I, 1C, and 1A as seen in figure 2.

Step 2. Locate 2nd floor marked 2A and 2B, figure 3. Next find walls 1G and 1D, figure 4. Take wall 1G and 1D and slide them onto the 2nd floor as seen in figure 5.

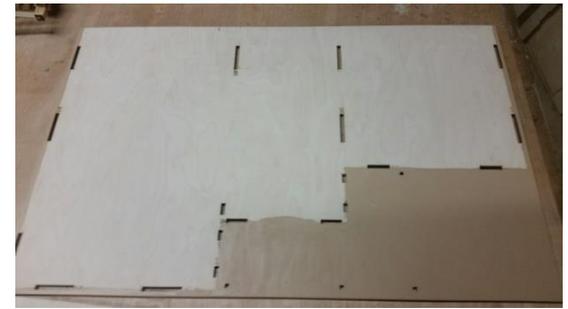


Figure 1

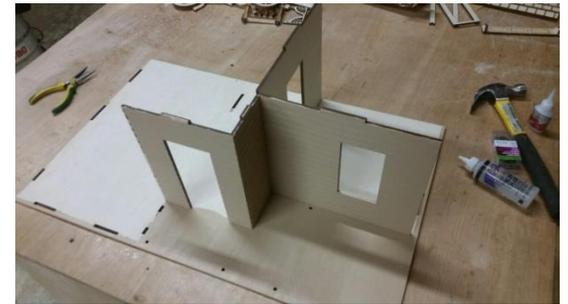


Figure 2

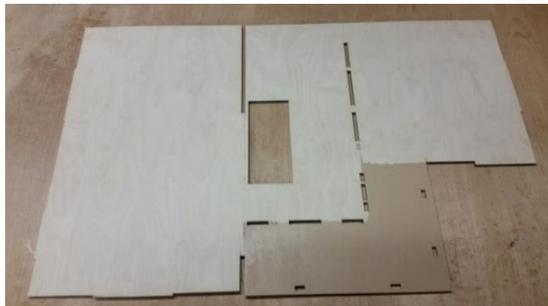


Figure 3



Figure 4



Figure 5

House Assembly

Step 3. Install 2nd floor assembly onto the first floor walls as seen in figure 6. Next slide the third floor onto the top of wall 1D, now install the top of wall 1G into the open notch of the third floor, figure 7.



Figure 6

Step 4. Install walls 2A and 2B, wall 2A will slide in between walls 1G, 1D, and third floor. Align back of wall 2A to third floor interior notch, figure 8. Now install wall 1E, figure 9. At this point the house is open for working on interior, this is a good point to complete your interior build and crafting.



Figure 7



Figure 8



Figure 9

House Assembly

Step 5. Install wall 1B, figure 10. Next install left and right roof panels onto wall 1B by first installing panel into slot openings on wall 2B, figure 11.

Step 6. Install main roof panels at rear, when installing front panel start on the right side first as the fit maybe tight, figure 12.

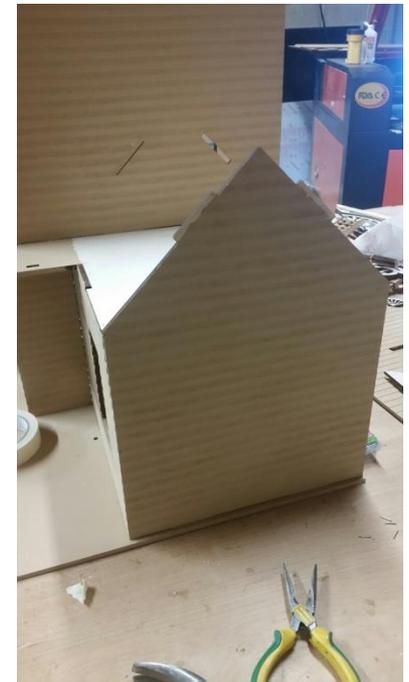


Figure 10



Figure 11



Figure 12

House Assembly

Step 7. With the rear roof panels installed now install the left tower wall as seen in figure 13. Next install front wall 1F, make sure that the rear tabs align to the floor tabs. You may need assistance by someone working from the rear of the house as you install the wall, figure 14.

Step 8. Tower assembly; Find the center frames with cutouts in the center and the 4 tower panels with horizontal lines cut across them, figure 15.



Figure 13



Figure 14



Figure 15

House Assembly

Step 9. Slide the two center frames together forming an "X" as seen in figure 16. Next place the center structure into the tower base for stability. "DO NOT GLUE" Next install the out panels and use masking tape to hold the corners even as glue dries, figure 18. Now install tower panel onto the house structure, figure 19. Next install tower, figure 20. Then install top tower panel figure 21. The tower side tucked between the panels are the sides and the smaller width is the front where side panels are not viewed.



Figure 16

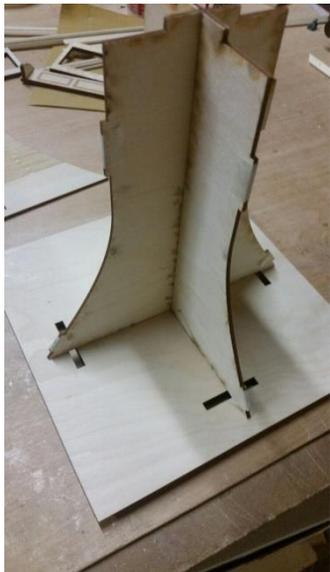


Figure 17



Figure 18



Figure 19



Figure 20



Figure 21

Clean edge faces front

House Assembly

Step 10. Install post into the bottom base and slide into place, do not glue the post as we will install the post and post brackets. Once the post brackets are glue in the post should stay. Next assemble the rails and posts. Once they are assembled check for fit between post. If needed sand the sides using 220 grit sandpaper on a flat surface to get the right fit. Install porch rails, figure 22. Cut and fit the corner trim on exterior walls, **DO NOT DO THE TOWER YET..** Also seen in figure 23. Also do not throw away excess as you will need them for the tower corner later.

Step 11. First install the dual corner bracket as seen in figure 23. Next install remaining brackets. Make sure the long side of bracket goes against post. Figure 24



Figure 22



Figure 23



Figure 24

House Assembly

Step 12. Locate the 8 front roof trim facing brackets seen in figure 25. Next glue two together to form a triangle seen in figure 26. Repeat step until you have 4.



Figure 25

Step 13. Install to the front of the roof panels the 4 brackets, make sure that the bottom of the brackets are flush with the bottom of the panel, figure 27. The bracket should rise above the panel in the rear where the shingles will sit against it, figure 28. Complete this on the remaining sides, figure 29.

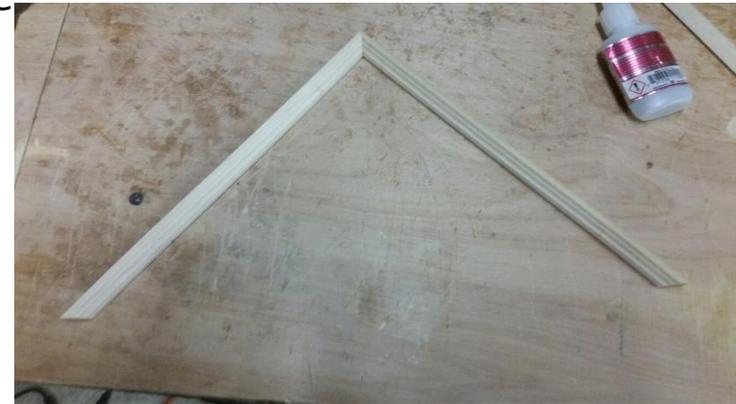


Figure 26



Figure 27



Figure 28



Figure 29

House Assembly

Step 14. Install porch roof running trim, figure 30. Next install the Gable behind the front bracket, figure 31. Next locate the Corbel and tower collars. Install the collar onto the side first. Side collars are shorter than the front collar and align to the rear and front wall. Install corbels into collar once on, figure 32.



Figure 30



Figure 31



Figure 32

House Assembly

Step 15. Once side collars are on install front collar and corbels, figure 33. Next cut and fit right side corner trim on tower. Figure 34. DO NOT COMPLETE LEFT SIDE AT THIS POINT!



Figure 33



Figure 34

House Assembly

Step 16. Shingle installation, start with the lower roof panel. Locate the shingle board labeled lower roof panel and remove the shingles and align first shingle flush with the lower roof panel as seen in figure 35. The next shingle placed should be staggered and aligned to the top of the lower shingle line. Figure 36

Continue till you reach the top.



Figure 35



Figure 36

House Assembly

Step 16 continued. The last shingle will fall around 1/8 inches short of the top, this is fine. Figure 37.

Step 17. Complete the same process for the lower rear roof panel, figure 38. Next start the shingles on the main front roof panel next to the tower by installing the 6 small shingles as seen in figure 39.



Figure 37

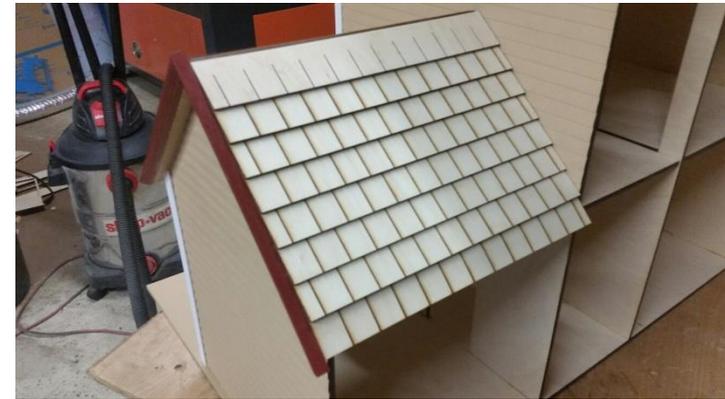


Figure 38



Figure 39

House Assembly

Step 18. Next move to the far left of the main roof panel and install the shingles following the same process by aligning first shingle to lower panel, again once you reach the top there will be a small gap from the top, figure 40. Next move to the center of the main roof panel and insert the first shingle, you may need to press down on the roof panel to see the bottom of the roof panel to align the bottom of shingle. Figure 41

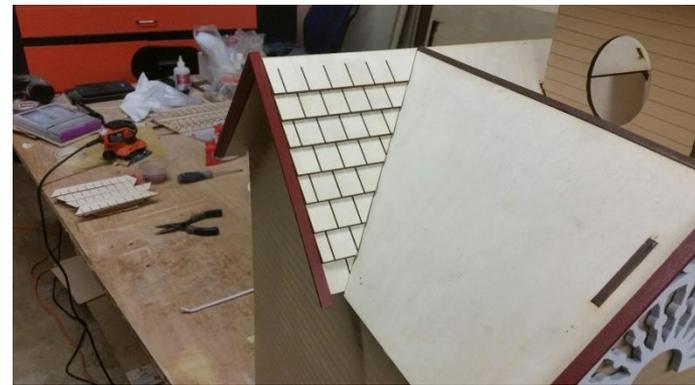


Figure 40



Figure 41

House Assembly

Step 19. With the first shingle in, next install the shingles holding in place with tap and verify they align to the left side as seen in figure 42. If correct mark and remove to glue.

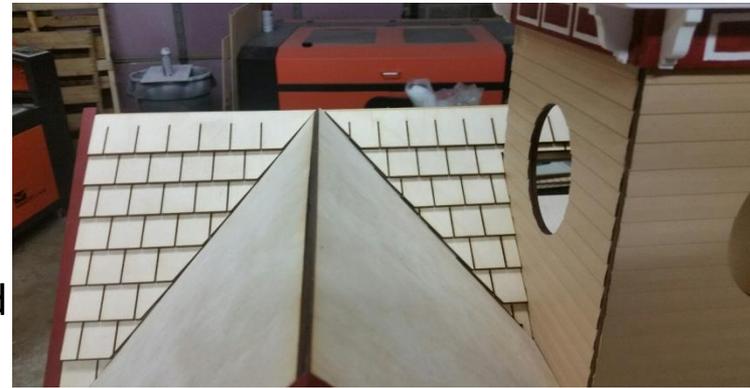


Figure 42

Step 20. Move to the main rear roof panel and install the first row of shingles as seen in figure 43. Next follow the same process for installing rear shingles, figure 44.



Figure 43



Figure 44

House Assembly

Step 21. Complete roof shingles for the right alcove roof panel, figure 45. make sure that you try to have the shingle lines match the rear panel for correctness. Next complete the right side panel, figure 46. Next install the left tower corner trim, figure 47.



Figure 45



Figure 46



Figure 47

House Assembly

Step 22. Tower shingles are in two sets of different sizes. The shorter length ones are for the front and back which should be as seen in figure 48 were you do not see the side tower panels as they are tucked behind the front and rear. Next install first shingle strip, shingles should align at bottom to tower panel and the sides even. DO NOT set shingle all the way to bottom as this will make aligning shingles later wrong. You should see gap below shingles as seen in figure 49. As you can also see is that the side align to the curved contour of the tower. Next continue with shingle install as we have done with the rest of the house keep in mind that some shingles are short slot cut on the ends so align each shingle using center slots and side contour.



Figure 48



Figure 49



Figure 50

House Assembly

Step 23. Shingle to the top as seen in figure 51, move to the rear of the house and follow previous step to shingle rear of tower again using shorter width shingles, figure 52. Next choose a side panel on tower and install first shingle aligned to the bottom of panel and even on the sides with front and rear shingles, figure 53. continue all the way to the top making sure the ends of each shingle match the shingles on the front and rear alignments, figure 54. Complete same process for opposite side to complete main tower shingles.



Figure 51



Figure 52



Figure 53



Figure 54

House Assembly

Step 24. Take a window and the two glass (figure 55) 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 56. 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. 57. Next glue the interior to window interior frame, figure 58. Repeat process for remaining windows.



Figure 55



Figure 56



Figure 57



Figure 58

House Assembly

Step 25. Locate the three oval windows for the tower and the glass, figure 59. Next apply to the edge of the pane a small amount of glue, remove protective cover from glass and insert into rear. Install windows and tower windows into house, figure 60.



Figure 59

Step 26. Locate the 4 tower cap trim, figure 61. Install to the top at the edge the two longer trim, figure 62. Finally install to inside of the side trim the front and rear, they should also be at the edge of the tower cap, figure 63.



Figure 60



Figure 61



Figure 62



Figure 63

House Assembly

Step 27. Follow the instructions and assemble a left handrail staircase as seen in figure 64. Next install the staircases to the house making sure the top tread is even with the floor as seen in figure 65.

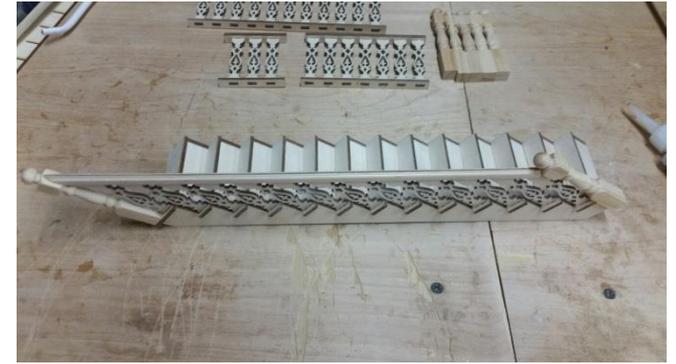


Figure 64

Step 28. Locate the landing rails and 5 newel post, figure 66. next insert the balusters into the rails as seen in figure 67. Install top cover rail onto assembly, figure 68.



Figure 66



Figure 67



Figure 68

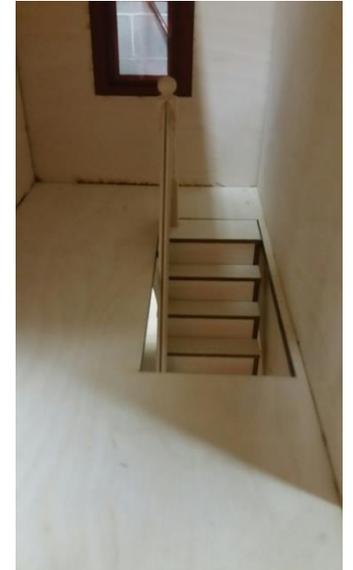


Figure 65

House Assembly

Step 29. Lay a newel post on a flat surface and apply the landing rail with the top rail even to the lower post curvature, figure 69. Make sure handrail is centered to post. Flip rail over and apply opposite newel post, do this also for the medium length rail as seen in figure 70. Insert onto 2nd floor the long landing rail assembly, post should be even with the top stair post and the lower post on the stairs, figure 71. Add the final rail at a 90 degree angle and install final landing as seen in figure 72.



Figure 69

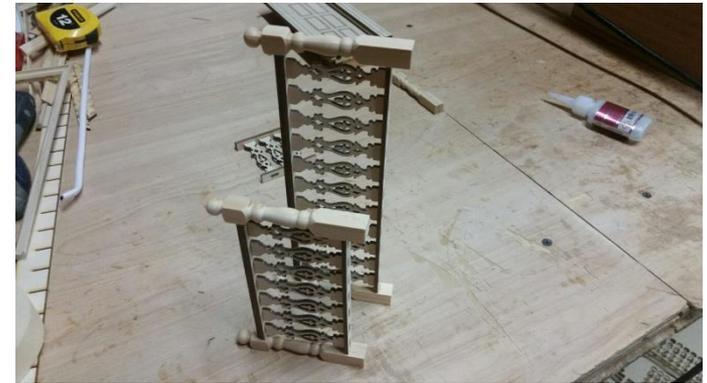


Figure 70



Figure 71



Figure 72

House Assembly

Step 30. Install the two interior doors and opposite side frames. Doors are designed to open into the rooms and not the hall. Make sure when installing frame to the door that it opens and that the frame is flush to the floor, figure 73.

Step 31. Take a ½” corner molding and lay on rear roof panel peak, mark with a pin where the alcove peak joins , figure 74. now trim a v notch on one side where you marked the trim. Next trim the excess from the opposite side, figure 75. “Do Not throw away excess as you will need it for the tower.”



Figure 73



Figure 74



Figure 75

House Assembly

Step 32. Next lay a new corner molding to the alcove roof and trim the back to form a proper fit, figure 76. Trim front flush and glue, figure 77. Complete same process for the lower roof panel, figure 78.



Figure 76



Figure 77



Figure 78

House Assembly

Step 33. Add the 4 top frames to the top of the tower, figure 79. If you decide to use the corner molding as we did on the tower continue.



Figure 79

Step 34. Cut a piece of the corner molding to match the lower corner of tower, figure 80. DO NOT GLUE YET. Once you have the right fit cut a total of 4. figure 81.



Figure 80

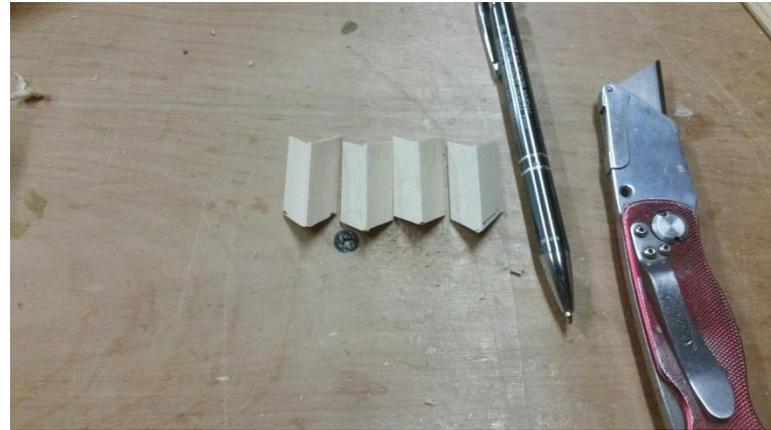


Figure 81

House Assembly

Step 35. Next glue to the corner the 4 corner trim, figure 82. Repeat the same process for the next level with the next being cut center to the lower corner trim, figure 83. Again do not glue till you have 4 the same. Continue to the top, once at the top you may either stop at top frame, or do as pictures complete a final set, figure 84.

House is now completed..



Figure 82



Figure 83



Figure 84



Laser Dollhouse Designs

www.laserdollhouses.com

Email: laserdollhouses@aol.com