

Texas Tavern



RIVER LEAF MODELS, LLC

Thank you for purchasing the Texas Tavern structure kit. Your kit includes everything you need to produce the final assembly. We recommend using “Carpenter’s Glue” available in a number of different brands, We recommend Tide Bond III, We also recommend using a steel square for aligning your walls for perpendicularity, although a drafting triangle will also suffice. A sharp X-Acto knife and a sanding tool – either fine sandpaper or a nail file will be suitable.

Step #1 –Glue the Four Wall Together.

Apply Carpenters Glue to the edges of the side walls (B & D). Again, do not use an excessive amount of glue or the glue will seep out the sides. Apply a thin bead of glue and spread it to a thin coat. You may also opt to apply a bead of glue to the inside surface of the front and side walls (A & C).

Carpenters Glue will afford you the time to perfectly align your walls, as there is some “setup” time. I recommend you do one corner at a time in one sitting. This will give you the flexibility to adjust the perpendicularity of the structure. Once you have your walls all secured, I recommend letting the glue dry for 24 hours. While the glue is setting, you can use the roof panel as a checking tool to ensure the building corners are perpendicular. You may want to use clamps positioned with the clamping faces on the front and rear of the building to form a tight glued seal.

On structures made of lighter or less sturdy material, it is common practice to run a square brace tucked into each quarter using 1/4” or 3/8” square wood. On River Leaf Models, this is not necessary; however, the option is there to do so if you wish.

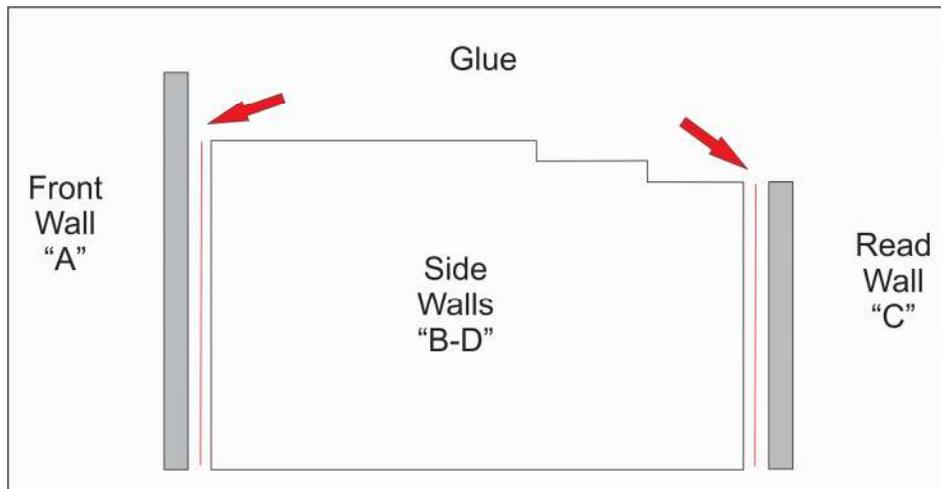


FIGURE 1 – GLUING YOUR STRUCTURE WALLS

Step #2 –Glue the strip of brick.

The walls of your kit are cut from MDF with the brick pattern etched to the front surface. As a result the left side of the wall section of the front and rear of the building (A-C) require adding the brick pattern. As show in the Figure 2, apply the supplied brick pattern strip to the sides of the front wall using carpenter glue.

Be careful to not use excessive amount of glue when applying the strip. Glue will seep from the side. Apply a thin bead down the center of the side surface of the front wall and spread it evenly over the area. Apply the brick pattern strip on the glued area.

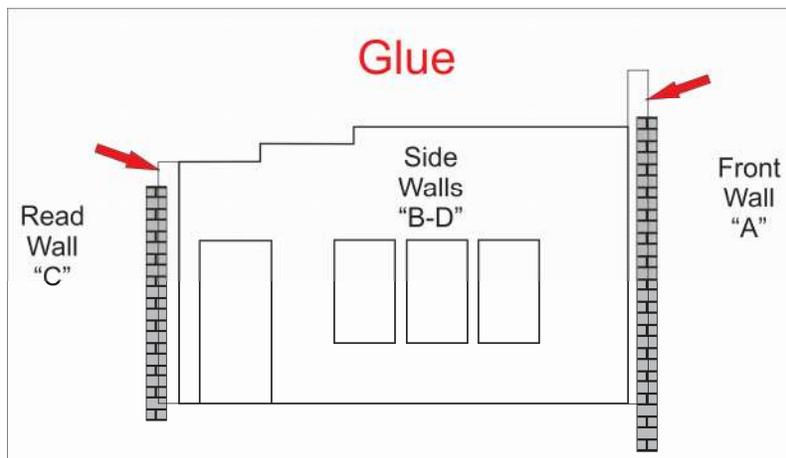


FIGURE 2 – APPLYING BRICK PATTERN STRIP

The brick pattern strip is longer than the edge of the wall. Trim the excess using a scissor.

Step #3 - Painting the Base Structure.

There are a number of methods for painting the structure and experienced modelers will find the structure is well suited to any number of painting and detailing techniques. Here is a technique I believe will deliver excellent results.

Once the glue has completely dried, you will find you have a very sturdy base on which to work. To achieve the effect of mortar lines between brick layers, paint the entire structure with an undercoat of the color you want for your mortar lines. White is a logical choice as it gives you distinctive mortar lines and provides a consistent undercoat base for the brick surface of the building. Paint the entire structure, concentrating on the engraved mortar lines and let the building thoroughly dr

Step #4 – Assembling the Front and Side Details.

Your structure is now stable, squared up and ready for the details. Prior to any installation, this is the time to decide on your color scheme and paint your detail parts, including window and door frames. From my experience, painting these prior to installation will yield the best result. Apply the windows and door glass and insert into wall.

To glue the side windows glass I recommend Crazy CA glue, because doesn't leave the white haze after dry.

The rear door is a solid door that could be painted as metal or wood.



FIGURE 3 – ASSEMBLING THE FRONT AND SIDE DETAILS

Step #5 – Assembling the Wall Top Cover

The top wall Cover is a cornice that is not ornamental and just prevent the rain to get inside the building and walls.

The Kit supply all of them in assembly position for ones used in the front.

The Wall top cover sticks out a little, so the right wall of the building will flush with the wall top cover.

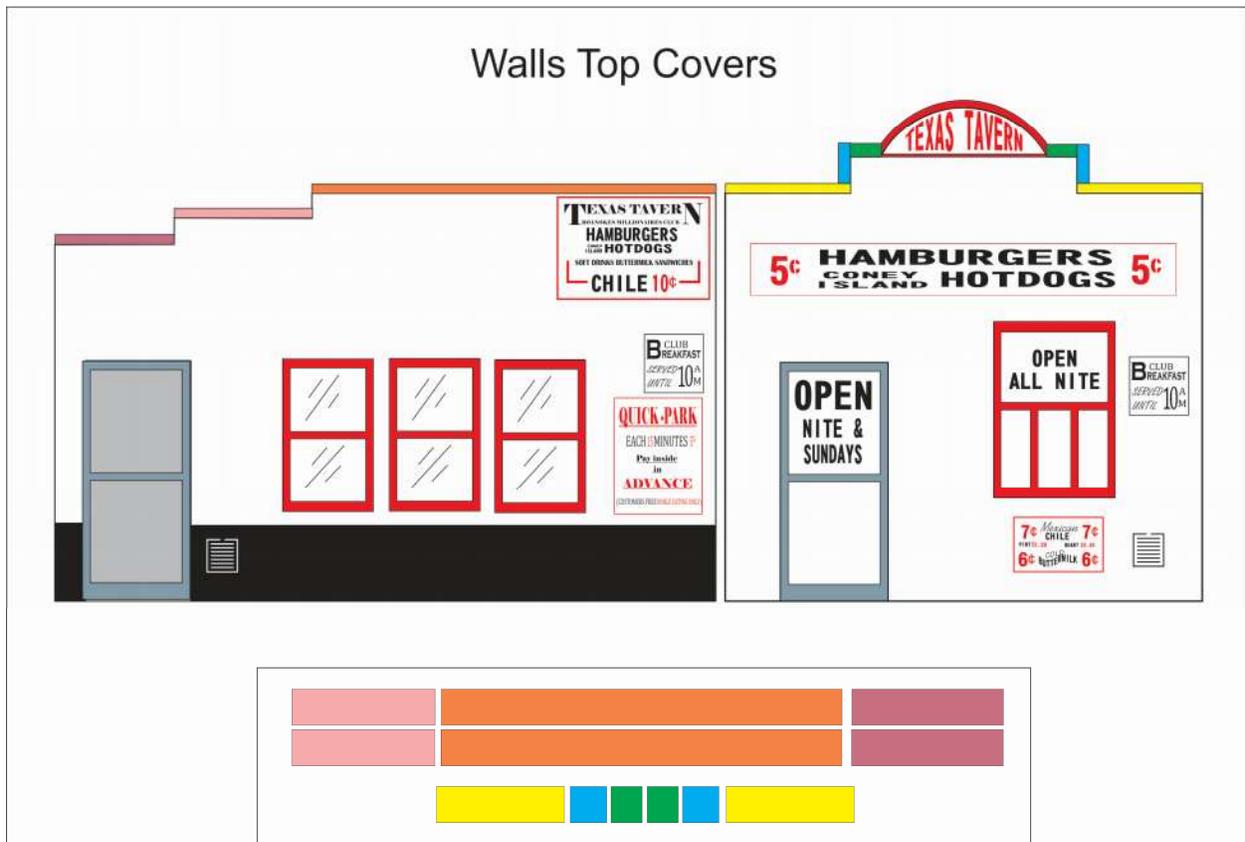


FIGURE #4 – ASSEMBLING THE TOP WALL COVERS

Step #8 – Front top Sign and Roof.

Roof installation is self explanatory. I recommend painting the roof black and apply masking tape overlapping the strip.

The Front top Sign was design as a sandwich construction. A body and to side covers with the word “EAT” cut off. Paint the body in red color and the covers in white color, let it dry and stick them together using a small amount of glue to avoid the glue contaminate the letters. Paint the frame support black and glue it with the sign. The sign body has two cut off to insert the frame, put a small amount of glue and insert the sign. After dry install the whole assembly in the back of the front cornice.

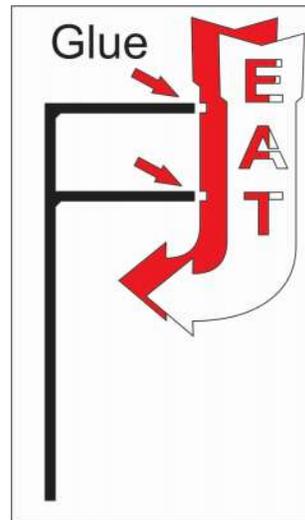


FIGURE #5– TOP FRONT SIGN

Congratulations! Your building is complete!

With your building now finished, you may opt to further enhance the structure using weathering techniques such as chalk or misting. Keep in mind weather runs from top to bottom and will be concentrated in areas where water may gather and run off, like around windows. Likewise, you may have weather “splash up” along the base. We will be posting tips on aging and weathering on our website in the near future.

If you have questions on construction or suggestions, please contact us by email at riverleafmodels@gmail.com

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