

LASER-ART STRUCTURES by BRANCHLINE TRAINS

Assembly techniques:

Walls:

Since all of these structures use similar methods of assembly, we'll describe some general techniques and the let the diagrams explain the rest.

Start construction of each building by gluing the main walls together. You will notice that the walls tab together in the corners to help properly locate and align the walls. Check to make sure that the corners are square, then set aside to dry.

If you have haven't already done so, paint the walls at this time.

Windows:

To assemble the double hung windows, first remove the peel-and-stick from the lower sash and apply a section of clear window glazing to it. Now do the same with the upper sash/inner frame making sure to keep the edge of the glazing flush with the top edge of the frame. Now stick the lower sash into place on the frame. Note that it is possible to position the lower sash in an open position if desired. Center the window sash assembly on the outer frame/trim and press into place. Install each window as they are completed, the peel and stick adhesive on the trim will be enough to hold it in place.

Singe hung windows assemble the same way except that they have only one sash unit. (see diagrams).

The doors are also built up from layers. Remove the backing from the door trim panels and press into place on the inner door panel. Now remove the backing from the door frame/trim and press the completed door onto it, keeping the bottom edges of the door flush with the bottom of the trim and centered side-to-side. Finally, insert the completed doors into the walls as shown in the diagrams.

Trim:

Apply the trim one corner at a time following the diagrams. Note that each corner consists of a wide and narrow piece. Apply the narrow section first, flush with the edge of the wall. Now apply the wider trim section so that it overlaps the edge of the narrower piece to form an even corner. Touch up any visible edges with your trim color.

Subroof Panels:

The plywood subroof panels glue into place on top of the walls. Keep an even overhang on all of the outer edges. Paint the underside and visible edges of the roof overhangs to match your trim color.

Note that the telephone booth uses a one-piece resin roof, simply glue this into place on top of the walls.

Roofing:

The tar paper roofing can be glued into place with white glue. Cut each section slightly long then trim the paper flush with the roof edges once the glue is dry. Overlap each strip slightly as you work your way up each roof. Cut a couple narrower strips and fold these over the roof peaks to represent the roof caps.

Once installed the tarpaper can be painted a weathered gray or even red or green. For a little added detail apply a thin strip of black along each seam with a fine brush or Sharpie marker to represent the tar sealant. Don't forget to seal any joints where the roof butts up against a wall.

The **telephone booth** does not get any tarpaper, but should be painted in the same manner.

Finishing touches:

The Telegraph office and Watchman's shanty both have small stovepipe chimneys which are

represented by plastic tubing. To install these, glue a 1/8" hole through the roof and glue into place. Paint the stovepipes black or silver, then drybrush with some soot and rust. Make sure to seal around the base of the stovepipes with sealant (black paint) so the roofs don't leak!

The Tool House can also be used as a handcar shed. If you choose to do this, remove the sill below the door and install a couple of short sections of rail between the door and the adjacent track. Support the rail on a couple of old ties (see diagram).

Your kits is now completed and ready for your layout. We hope you've enjoyed this kit. If you have any problems or comments, please contact us at:

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