

Modern IHOP Restaurant kit in HO scale



Parking lot base and cars not included



This kit includes all building parts milled in white styrene plastic and laser cut white acrylic & micro plywood, clear acrylic window glazing, and logo self-adhesive decals. All parts fit together but may need light sanding in joints for cosmetic reasons. The model needs painting.

Some model building and painting skills are required.

Manufactured by Custom Cuts by 

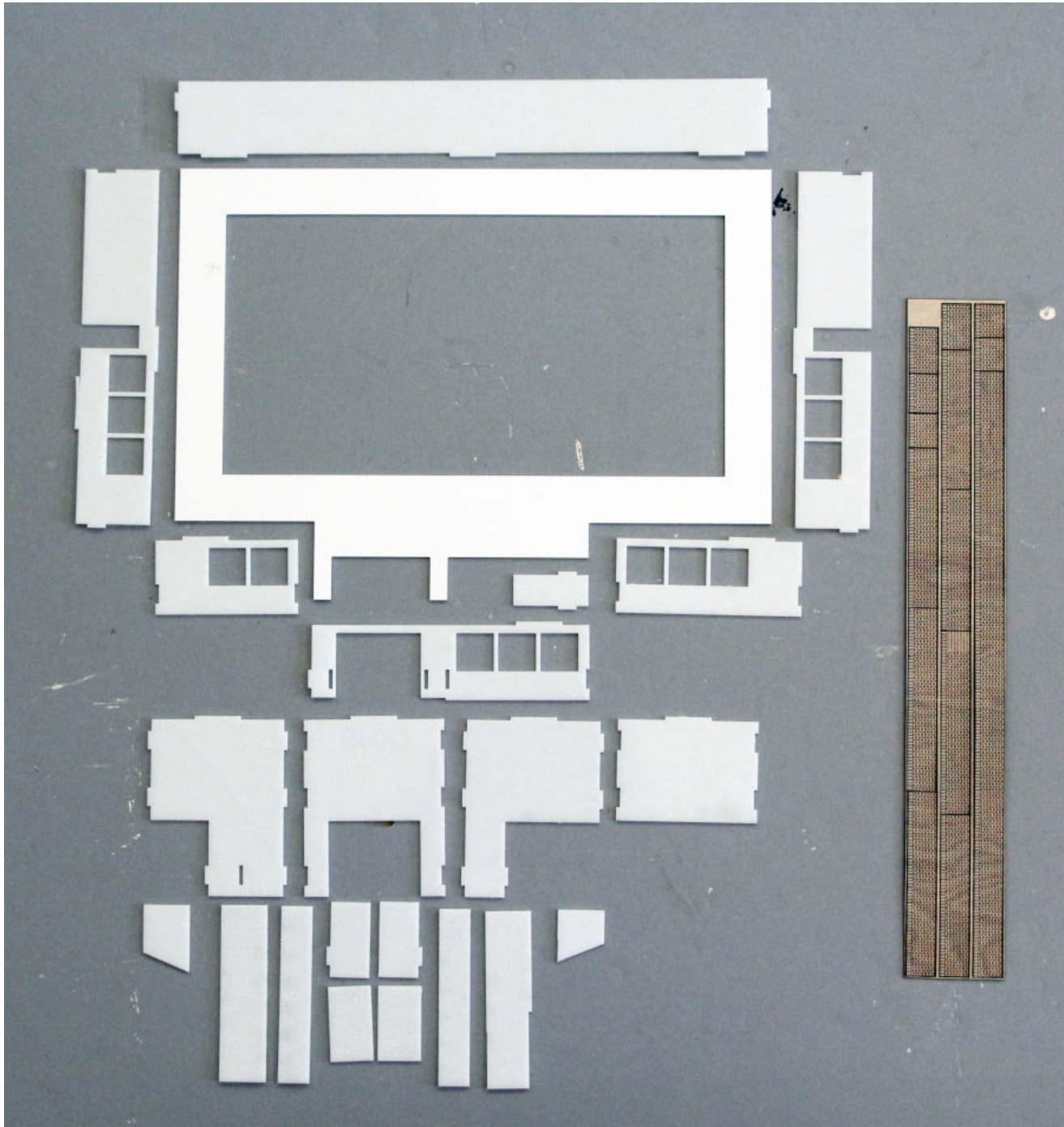
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Assembly instructions for Modern IHOP Restaurant

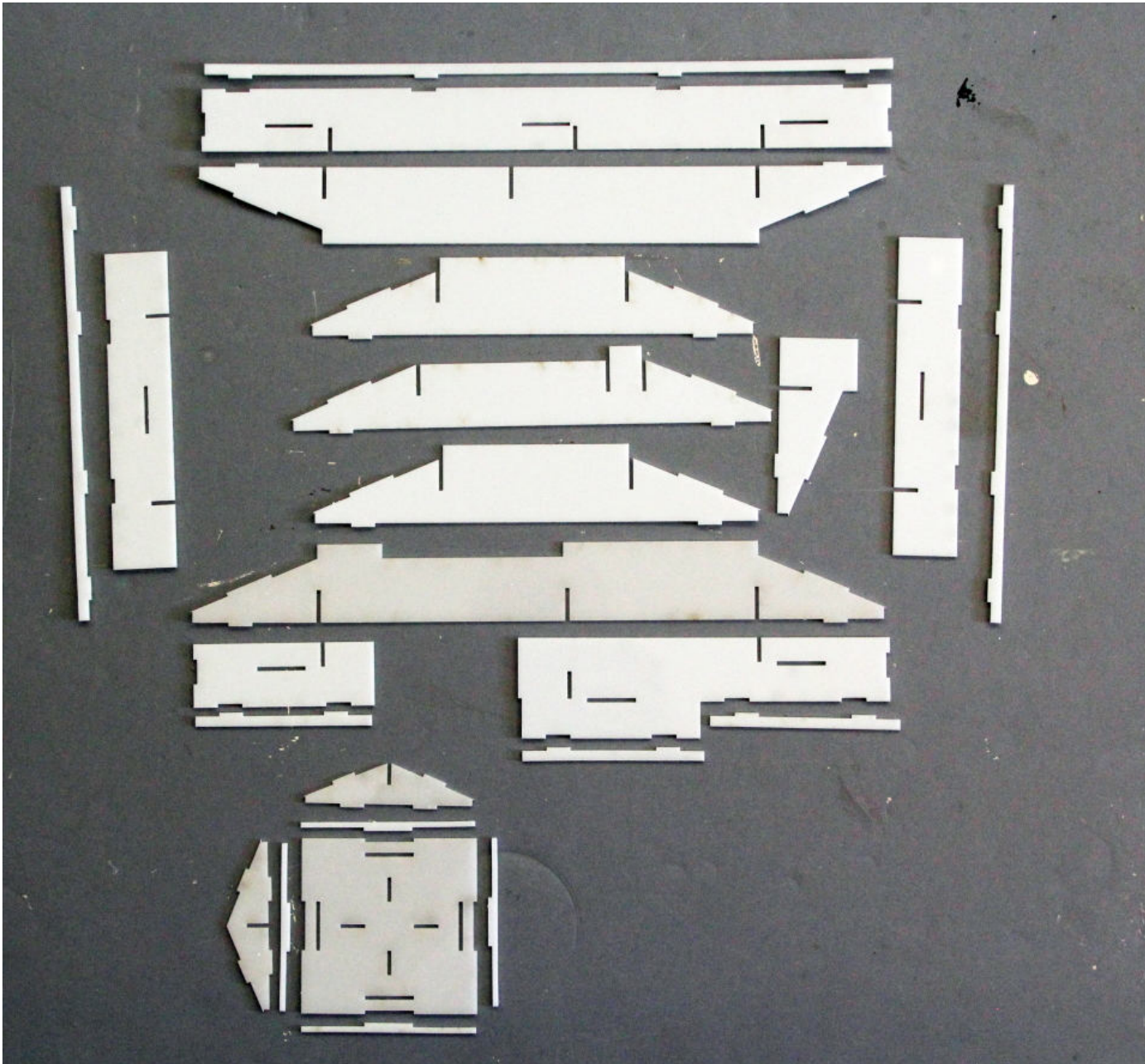
Thank you for buying this Modern IHOP Restaurant kit. Please take some time to read these instructions before you begin assembling. If you want these instructions bigger and in full color, you can download a pdf-file on the product page on our website www.summit-customcus.com

This kit is milled in styrene plastic and laser cut in white acrylic and is very easy to glue together using MicroMark Samestuff, Plastruct Plastic Weld or similar glue products. The wall parts are tabbed and slotted for easier assembly.

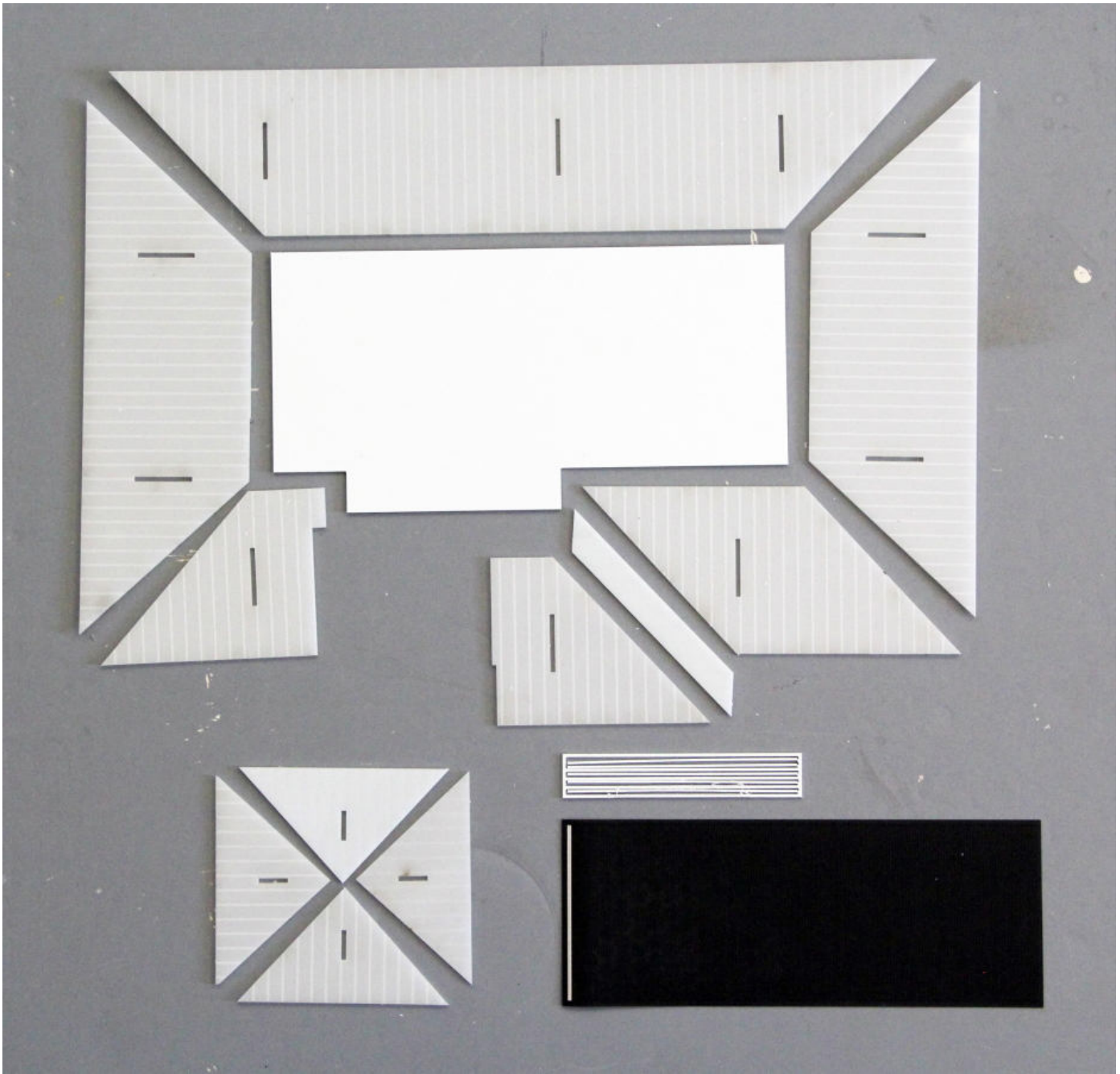
Take your time to identify all parts, lay them out and clean them for any burrs before gluing them together.



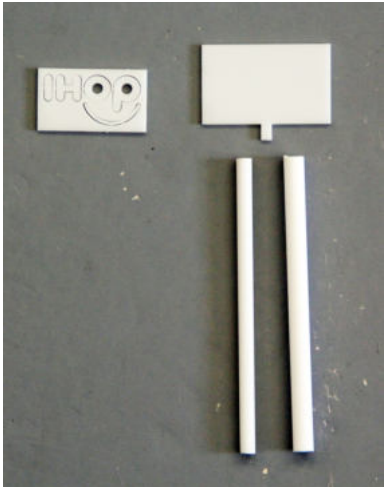
Base and wall parts overview, walls are acrylic, the base is styrene. Low brick walls are self-adhesive wood.



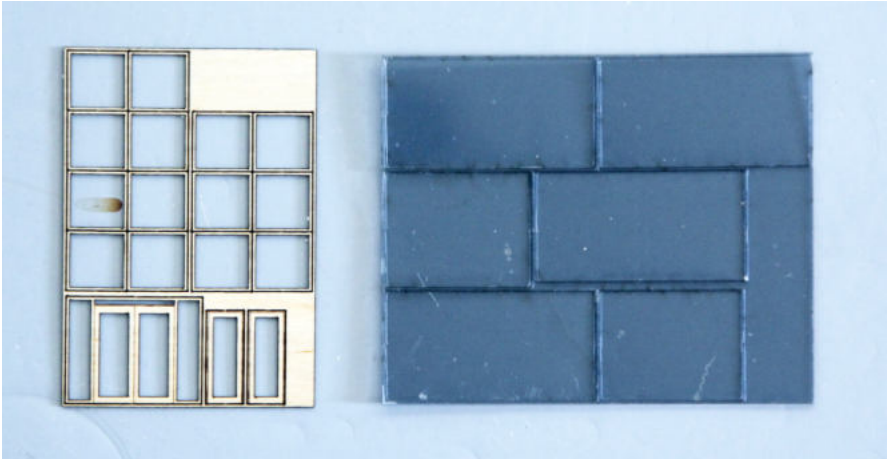
Roof eaves, soffits and roof supports



Roof, styrene hip strips and self-adhesive paper "joints"



Entrance sign letters & street sign



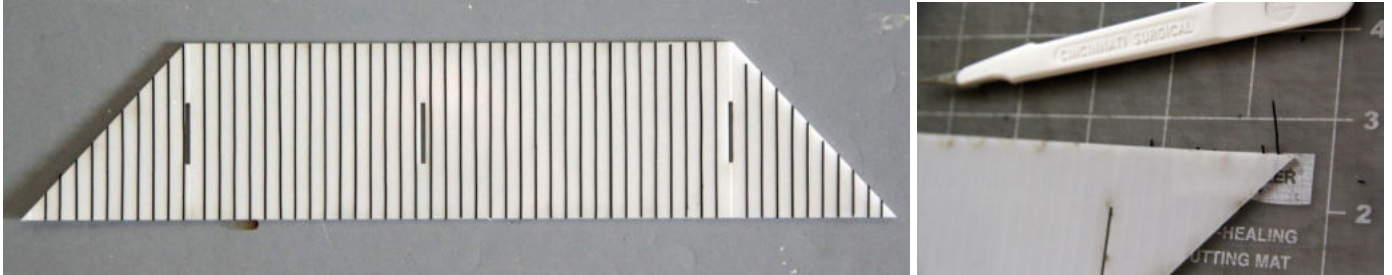
Windows, doors and glazing (tinting not included)

Before you begin building assembly

Leave the brick walls on the sprue through the painting and mortar line process and cut them out just before mounting.

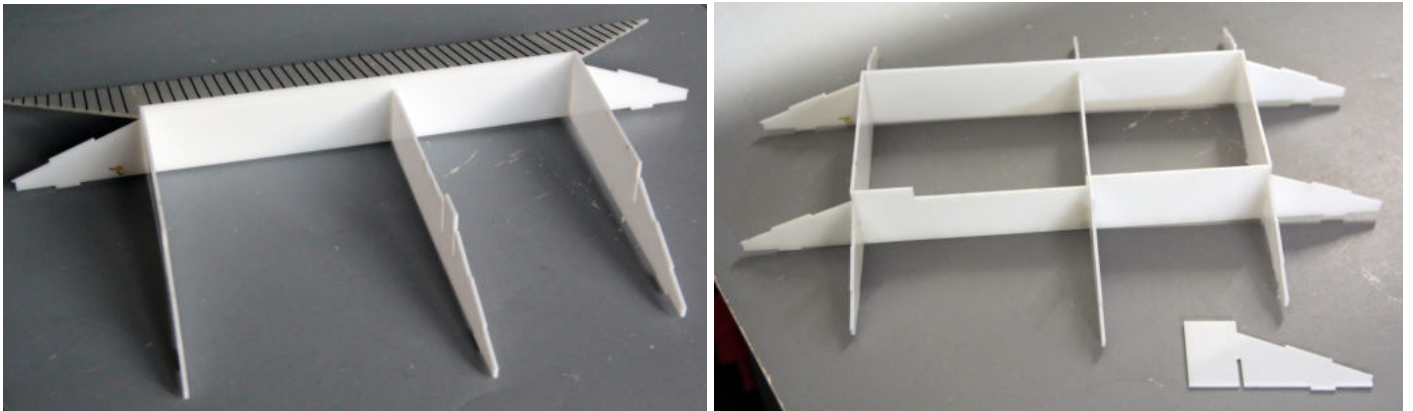
Also leave the window frames and doors on the sprue through the painting process.

Mount all the self-adhesive "joints" in the grooves on the roof pieces except where a slot will interfere. It is very boring but they are much easier to handle when they lay flat on your workbench than when the roof is installed. Then you can enjoy that you are over the most boring part of construction. If you don't like the self-adhesive paper strips, you can use Evergreen strips # 110, you will need 3 packs of them.

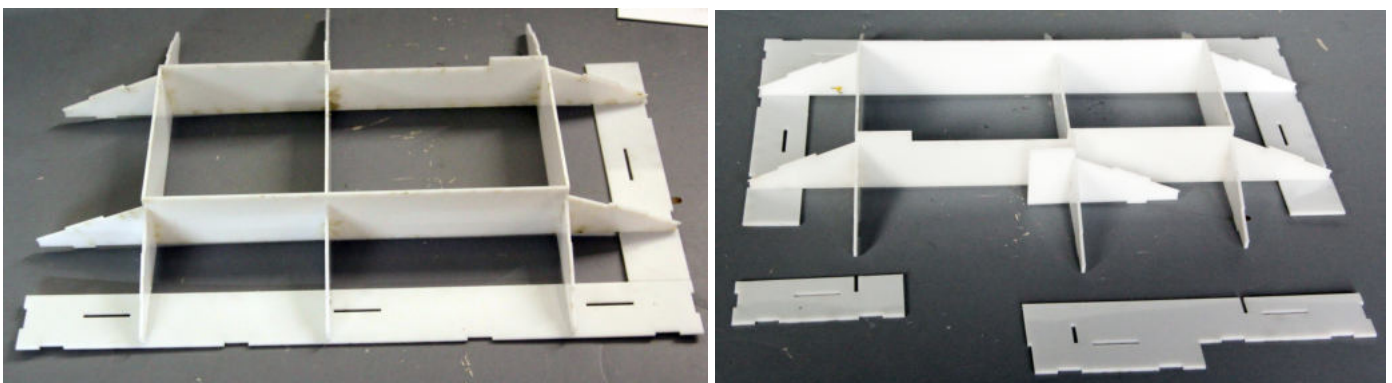


Carefully remove the strips from the backing paper with the tip of a hobby knife and stick them into the grooves. Lay the roof sections top down on the cutting board and trim off the excess with a sharp surgical knife.

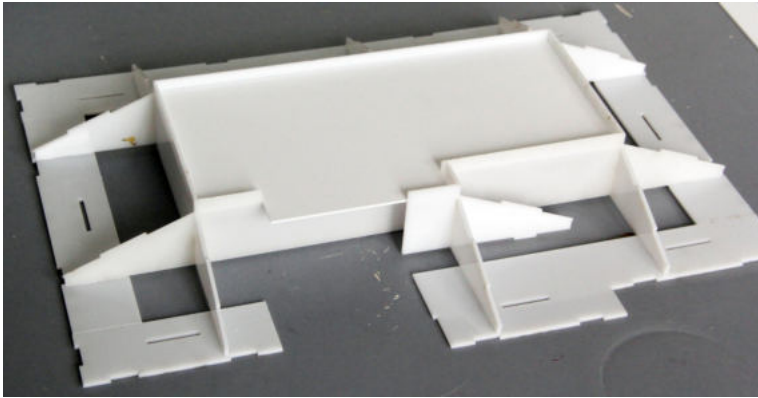
Assembly



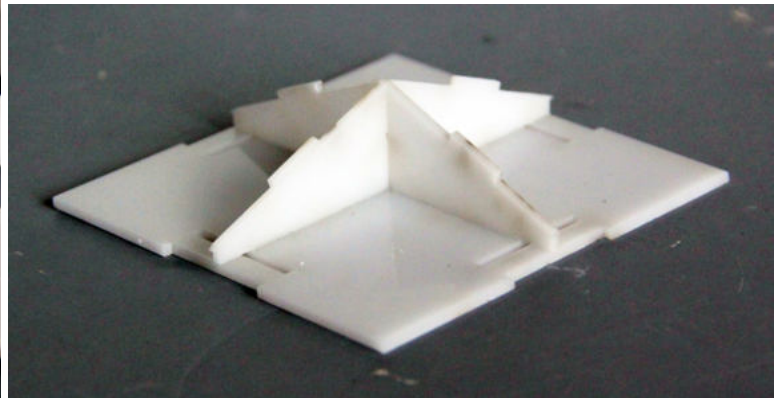
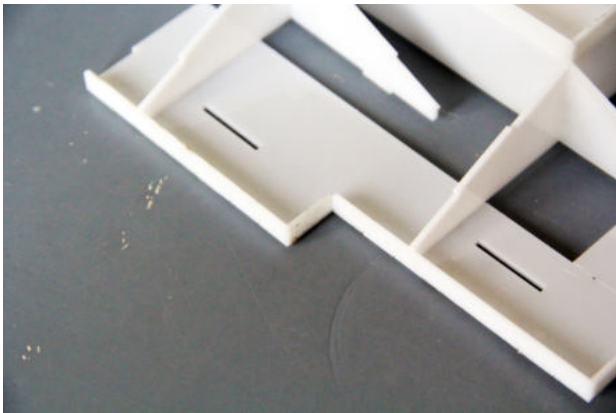
Start by assembling the roof framework as shown. Install the rear roof without gluing, just to keep the framework straight until the glue sets.



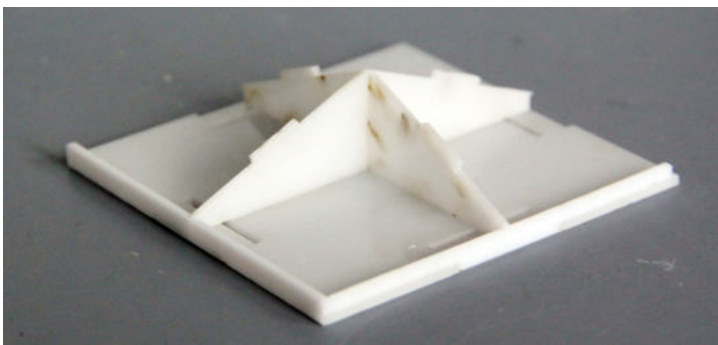
Glue the eaves to the framework as shown on the pictures above.



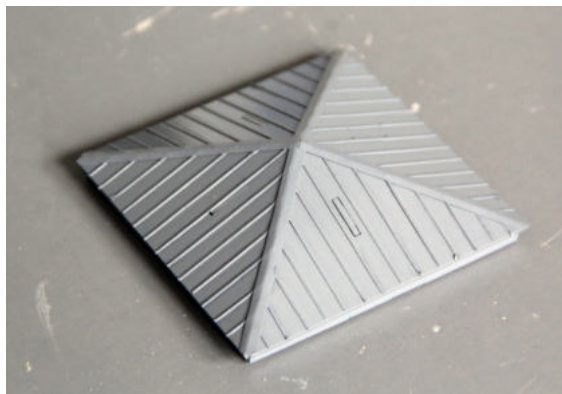
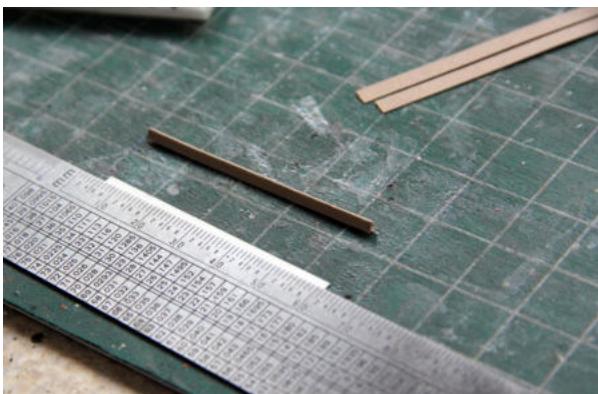
Mount the flat roof and glue along the edges and mount the small soffit piece on top of the roof.



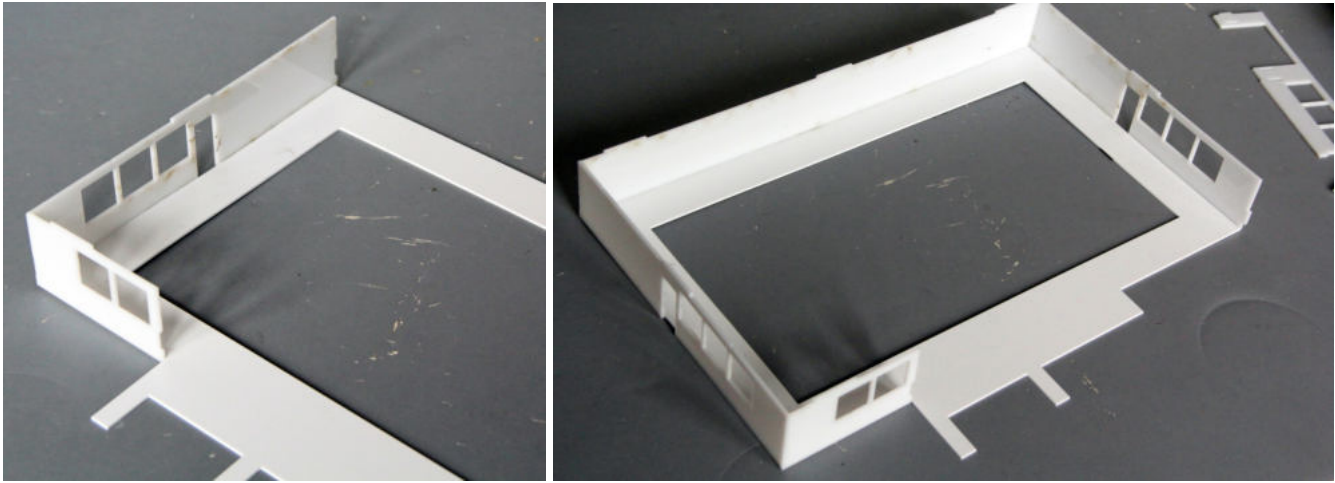
Mount the soffits all the way around. Mount the tower roof supports onto the tower top plate.



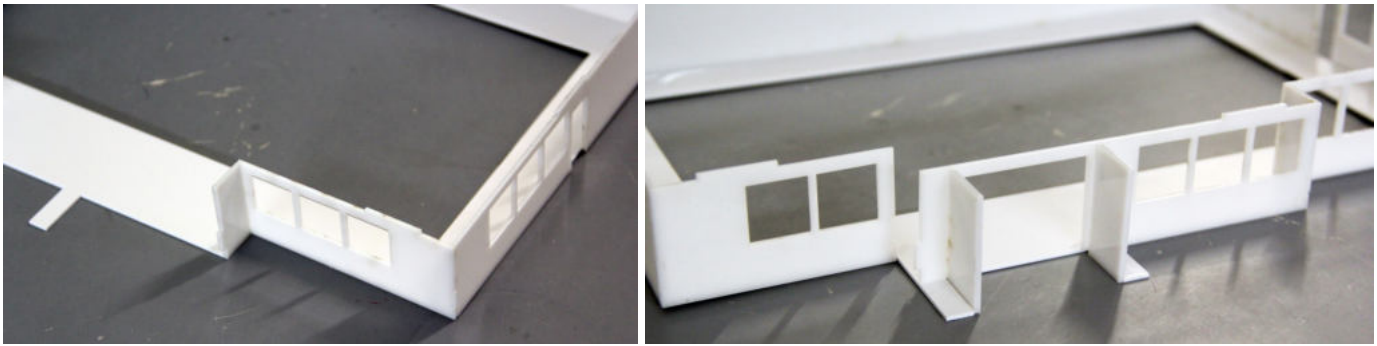
Mount the tower soffits and finally the roof pieces. Add the "joints" where they are missing.



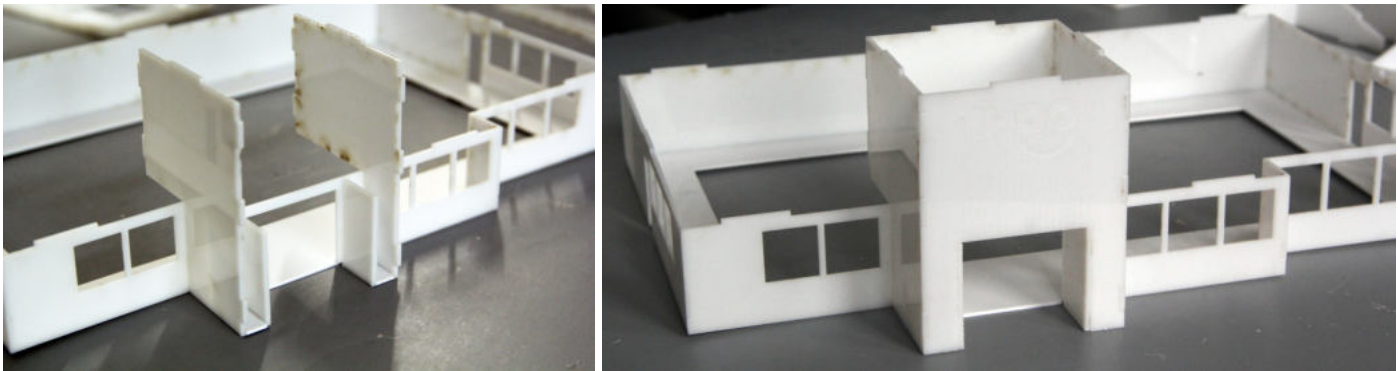
Pre-fold the flashings using a steel ruler to avoid the self-adhesive to come lose after installing.



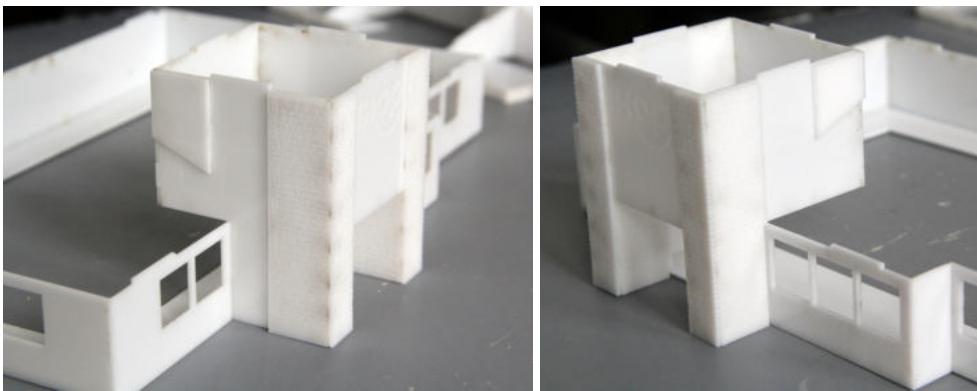
Glue the left front wall and left sidewall together, then glue the walls to the EDGE of the base plate, then continue with the rear wall and the right side wall.



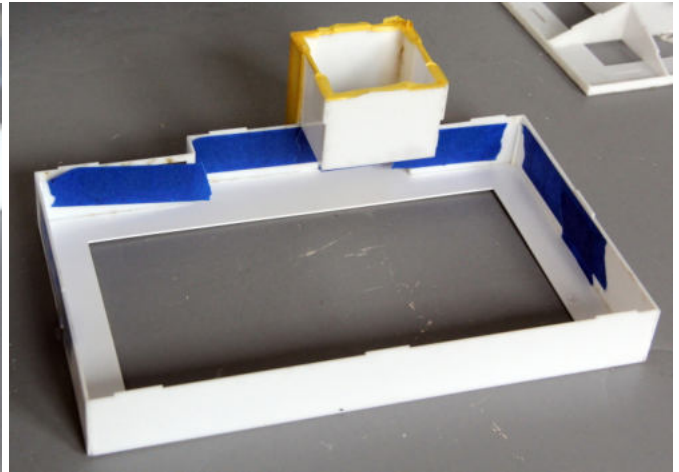
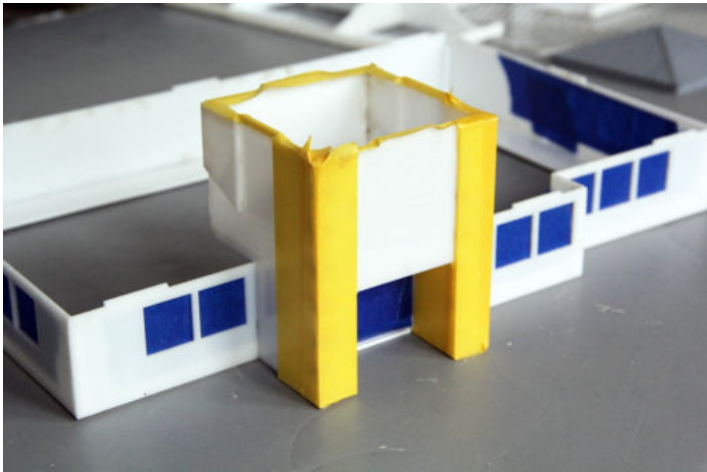
Continue with the right front walls and the 2 short inside entrance walls.



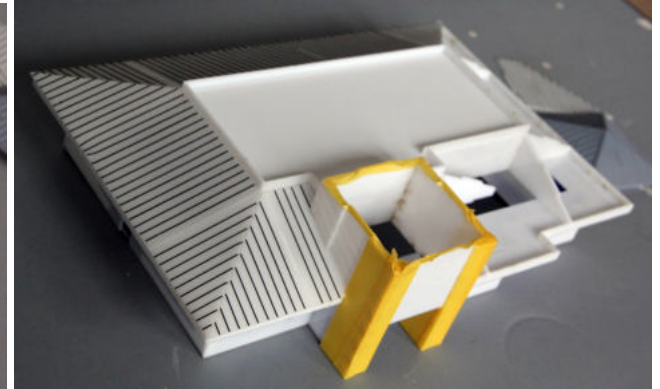
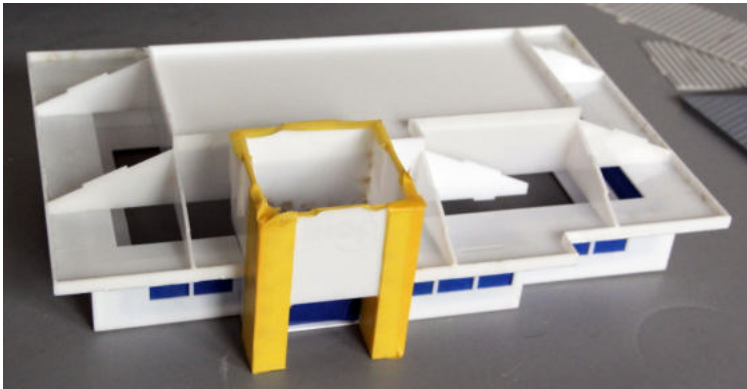
Glue on the tower side walls and the front and rear walls.



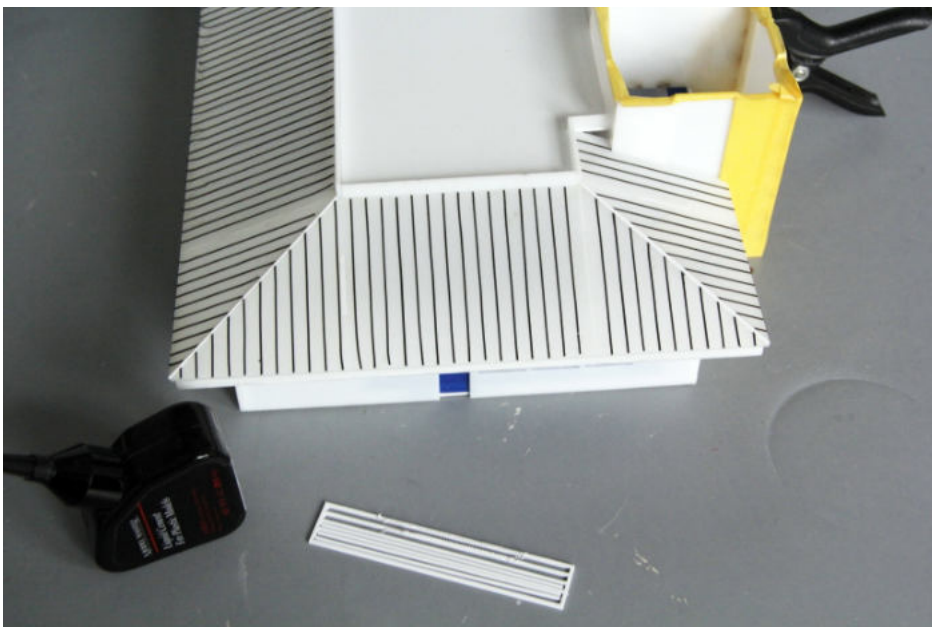
Mount the side random stone walls flush with the front and the small random stone walls inside the entrance, then mount the front random stone walls. Mount the small side wall pieces as shown, the shortest on the right side.



Cover the random stone walls with masking tape (because you should brush paint these). Cover the window openings with tape from the inside.



Glue the roof support to the walls, then glue the roof pieces in place



Glue the 5 hip strips in place in the gaps in the corners and install the remaining self-adhesive "joint" strips.

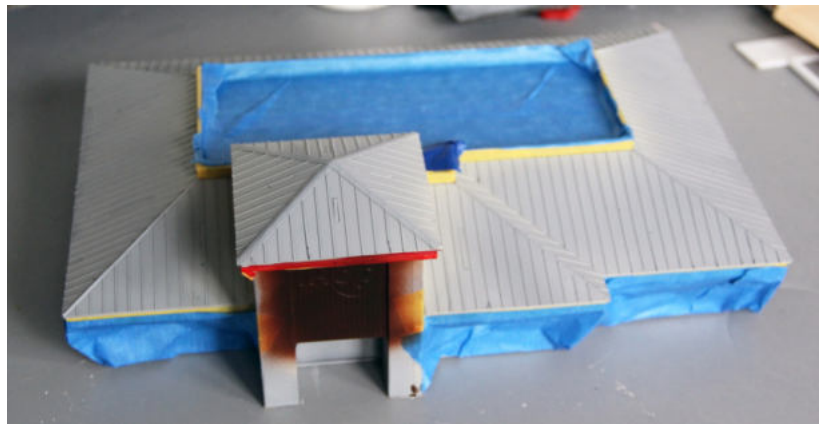
Also glue the tower roof onto the walls

Painting

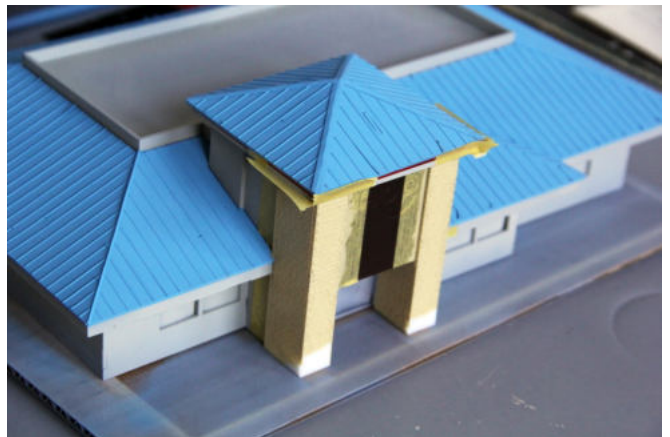
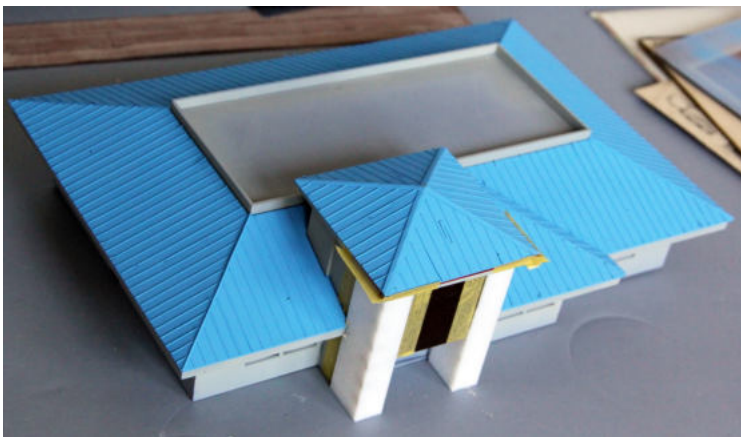


Assemble the street sign as shown and cover the sign face with masking tape on both sides. Apply a coat of primer to the sign and the entire building. When the primer is dry, cover the front above the entrance with tape and paint the building light gray above the bottom of the windows.

When the gray is dry, mask off the front tower soffit, remove the masking tape on the wall above the entrance and paint it dark brown.



Mask off the lower 50% of the tower soffits and brush paint the upper part red. When the red is dry, cover everything but the roof with masking tape, don't forget the top soffits. Paint the roof light blue. Paint the street sign blue at the same time.



Paint the random stone walls a yellow-ish tan color



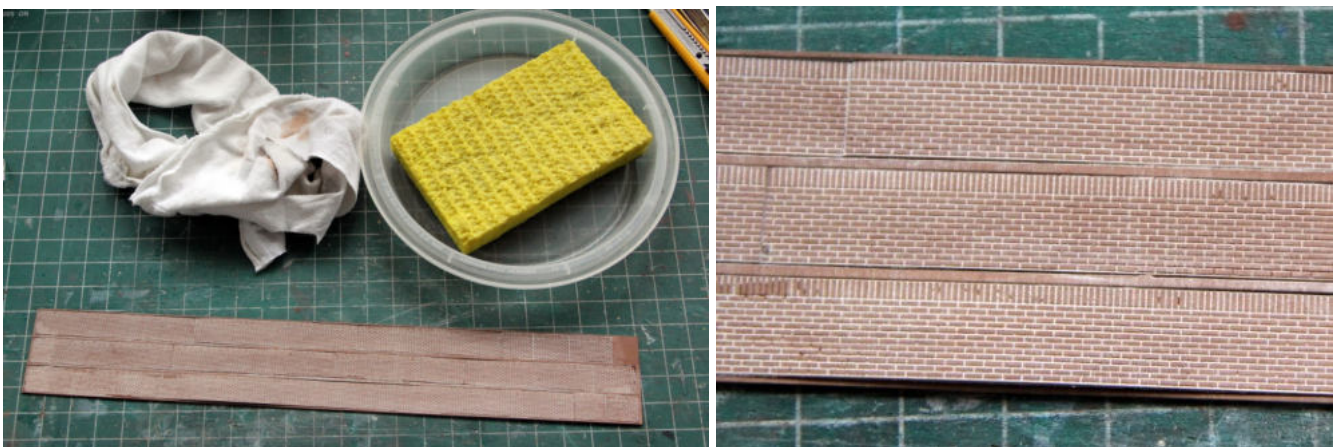
Give the stone walls a wash of dark brown or black. You can use a wash of India Ink, I used dark brown artists oil paint mixed with a lot of thinner.

When the black/brown wash is dry, spray the entire building with Testors DullCote or similar varnish.

Paint the brick wall sheet a medium brown. If you brush paint, you should thin the paint a bit to ensure you do not fill up the mortar lines with paint.

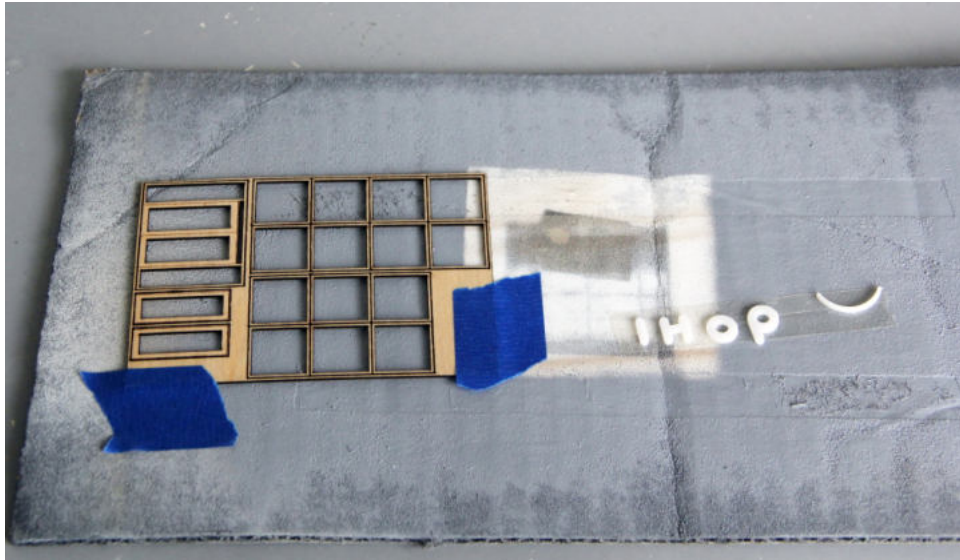


Apply Roberts Brick Mortar Formula to the sheet. Follow the directions on the bottle. Here is a trick to make the cleaning easy without washing out the mortar:



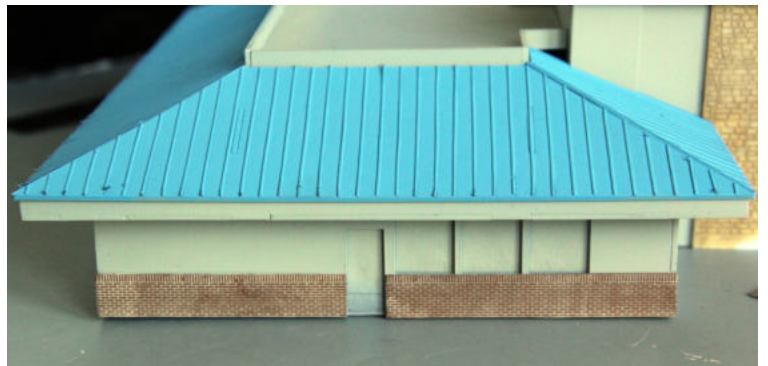
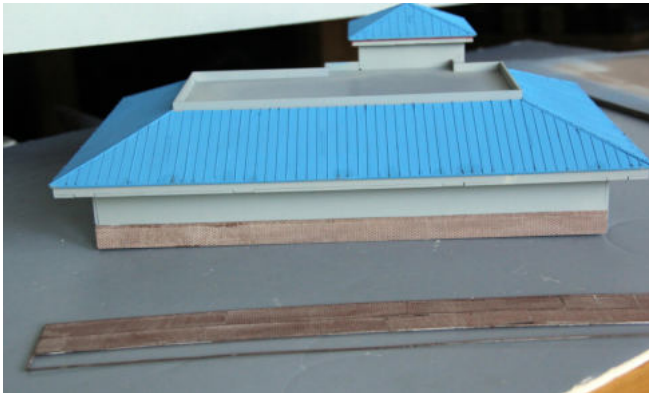
Soak a yellow/green sponge and wring out as much water as you can. Now it is still too damp. Take a cotton rag and press it against the sponge, it will get just damp enough to work great. Wipe the Roberts off the brick faces with several swipes on a fresh part of the rag for every swipe. This will leave very nice mortar lines.

Apply DullCote to the bricks before cutting them out of the sprue.



Attach the windows and logo letters to a piece of cardboard.
 Spray the windows & doors sheet and the logo letters with primer and then paint them white.
 Brush paint the smile red.

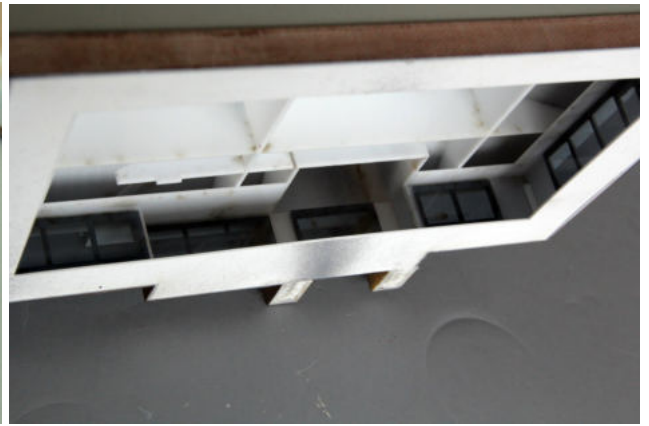
Finishing touches



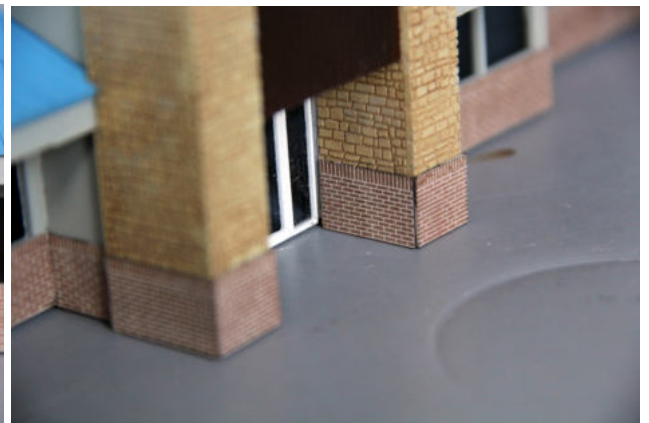
Carefully cut the brick pieces out of the sprue and start with attaching the rear wall. It spans corner-to-corner, so fold back $\frac{1}{2}$ " of the backing paper and make sure the positioning is correct, press on the exposed end and peel off the remaining tape to attach the rest of the piece.
 Continue with the side walls, rear side bricks should overlap the rear bricks.



On the right front, start with the short wall in the corner, then mount the front piece. Do the same for the left front. The front bricks overlap the side bricks.
 Attach the tower bricks EXCEPT inside the entrance.



Identify the window glass pieces, peel off the protective paper/plastic from the window glazing and install it on the inside of the wall with just a drop of cement along the edges. If you want tinted glass as shown here, put some car window film on the inside of the glazing before mounting them.



Install the front door on the glass. Be VERY careful to position the windows correct in the first attempt, once the glue sticks you can't remove it without destroying the piece. Now you install the remaining brick pieces inside the entrance.



Install the remaining window frames and doors. Finally glue the logo into the indentions on the wall, using Woodland Scenics Scenic Glue. This dries up clear and flat, so the white you see around the smile will not be visible after 30 minutes.



Before you handle the decal sheet you should spray a coat of Krylon Clear Acrylic or Testors Dull Cote on it to protect the print. When the paint is dry, cut out the logos using a steel ruler and a sharp hobby knife. Fold back $\frac{1}{4}$ " of the backing paper, position the decal and press on the exposed end, then remove the remaining backing paper.



If you want to detail the roof with vents and air conditioners, we recommend Walthers #933-3733 Roof Details Kit.

Colors used on this model: Testors 1750 Flat Gull Gray, Floquil 110450 SOO Line Red, Testors FS30117 Military Brown, Valejo Mahogany, Floquil Conrail blue with Reefer White added (Humbrol 48 Light Blue is a closer match but not ideal for airbrushing) and Humbrol 103 Cream. Humbrol paints can be found here: <https://us.humbrol.com>

Unfortunately, the Floquil and Testors paints have been discontinued, so you will have to find another match. The free online magazine Model Railroad Hobbyist has a comprehensive conversion guide for railroad and other paints.

Enjoy your modern IHOP Restaurant on your layout.

Here are some other products you may enjoy in a future project:



#DN-001 Denny's Restaurant



#DP-001 Domino's Pizza take-out



#DP-003 Domino's latest design



#CS-001 Dave's Coffee Shop



#TB-005 1970's Taco Bell



#TB-006 1980's Taco Bell



#TB-001 Taco Bell Restaurant



#TB-003 New Taco Bell Restaurant



#KFC-001 KFC Restaurant



#SW-001 Subway Restaurant



#SW-002 Subway latest design



#WH-001 Waffle House Restaurant



#HD-001 Hardee's Restaurant



#CJ-001 Carl's Jr. Restaurant



#PH-001 Pizza Hut Restaurant



#EX-001 Exxon Gas Station & Store



#SC-001 Rural Shamrock Gas Station



#SH-001 Shell Gas Station & Store



#GS-001 Gas Station backdrop



#DG-001 Dollar General Store



#DG-002 Dollar General, latest design



#LO-001 Lowe's backdrop building



#CVS-001 CVS Pharmacy



#FS-001 Modern City Fire Station



#JL-001 Jiffy Lube



#ML-001 Strip Mall backdrop #1



#ML-002 Strip Mall backdrop #2



Mall complex



#ML-003 Office Depot backdrop



#ML-005 Pier 1 Imports backdrop



#ML-006 Dollar Tree backdrop



#SMFS-001 Summit Motel, full version



#BK-001 First State Bank



#BK-002 Capital One Bank



#DA-001 Discount Auto Parts



#DP-004 MKT Depot



#ST-001 Starbucks Coffee



#WM-001 Walmart backdrop building



#ML-008 Modern Strip Mall

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