

Modern Gas Station backdrop building kit in HO scale

This kit includes all building parts, pumps, signs, and base milled in white styrene plastic, clear window glazing, Plastruct Ridgid Clay Tile roofing, and 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.



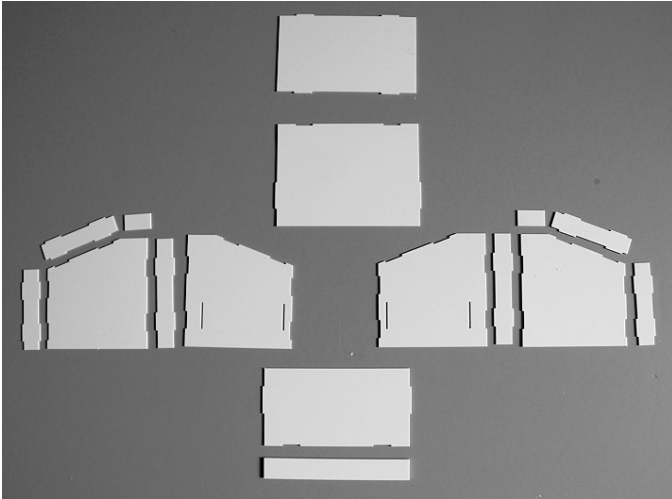
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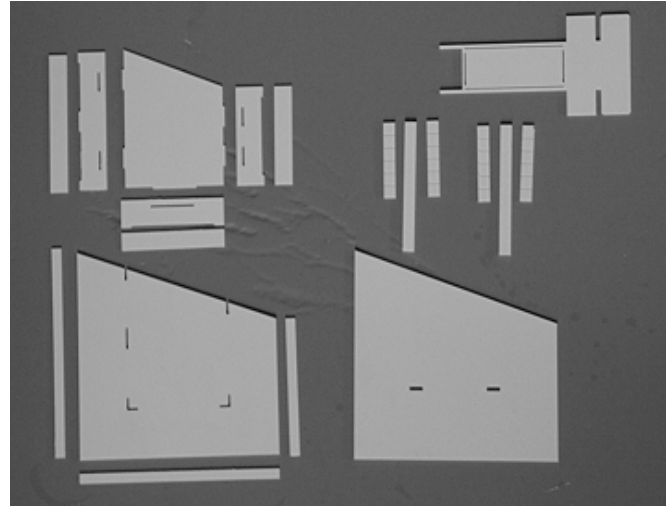
Assembly instructions for Modern Gas Station backdrop building

Thank you for buying this Modern Gas Station backdrop building. Please take some time to read these instructions before you begin assembling.

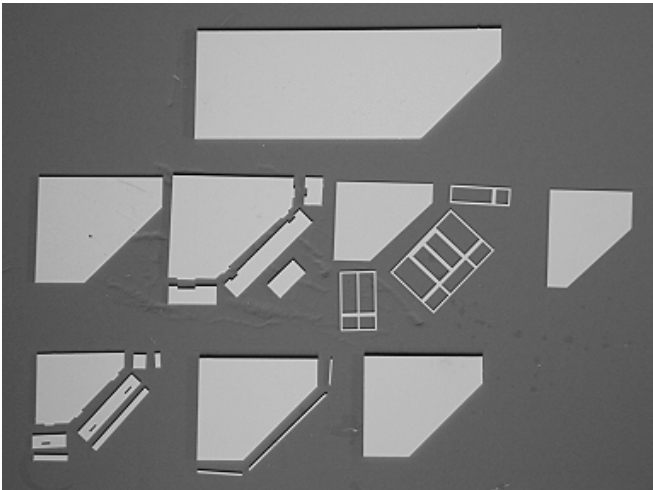
This kit is milled in styrene plastic and is very easy to glue together using Plastruct Plastic Weld or similar glue products. The wall parts are tabbed and slotted for easier assembly. Take your time to identify all parts, lay them out and clean them for any sprues before gluing them together.



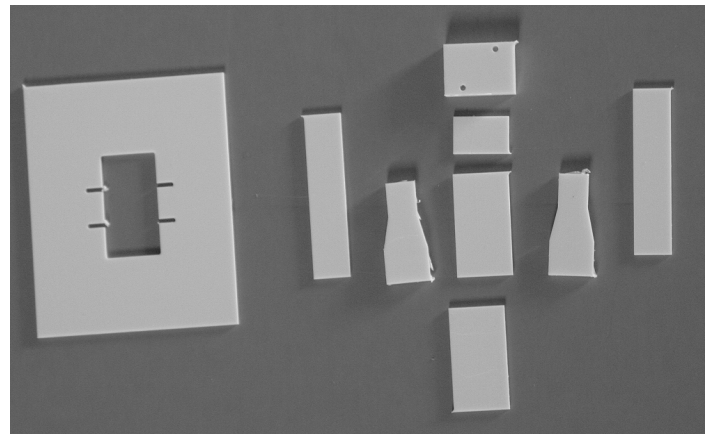
Store walls and roof



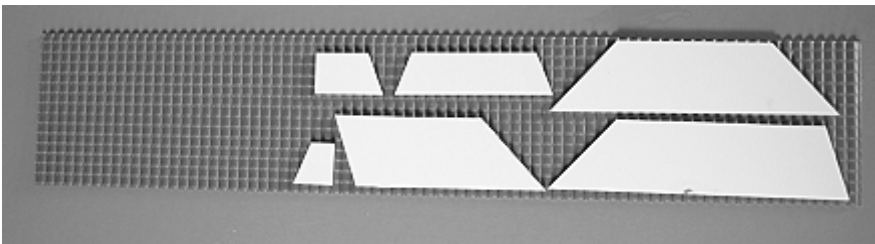
canopy parts and sign



Store base plate and entrance corner parts

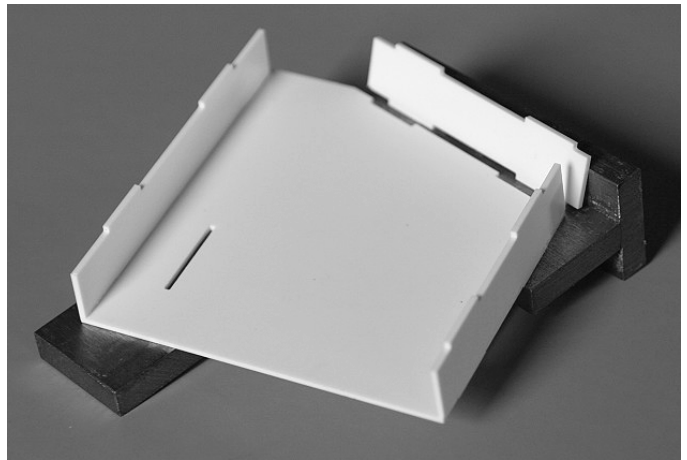
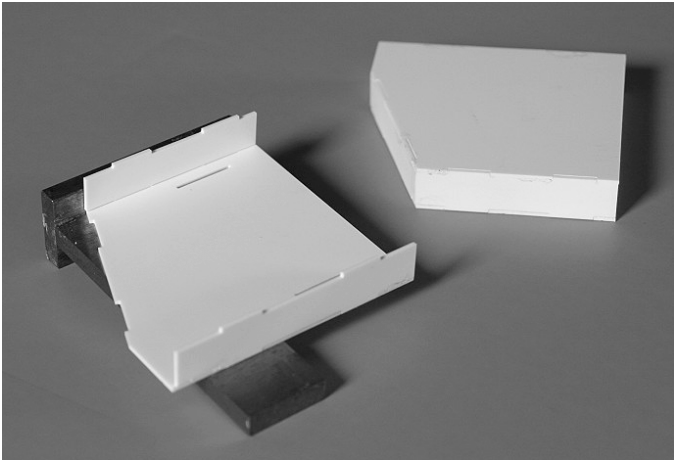


Pump parts (2 sets) and template

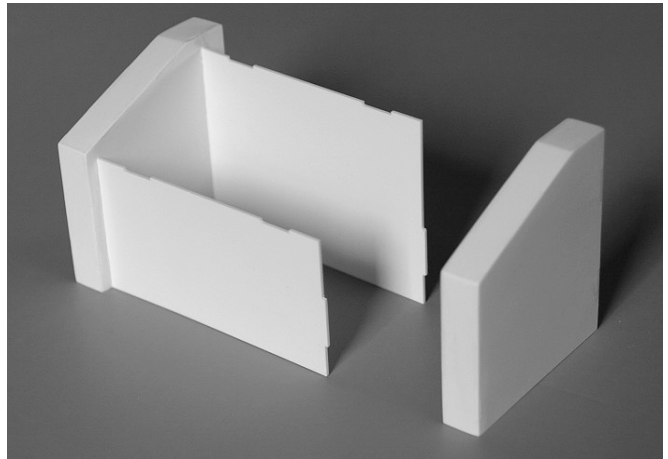
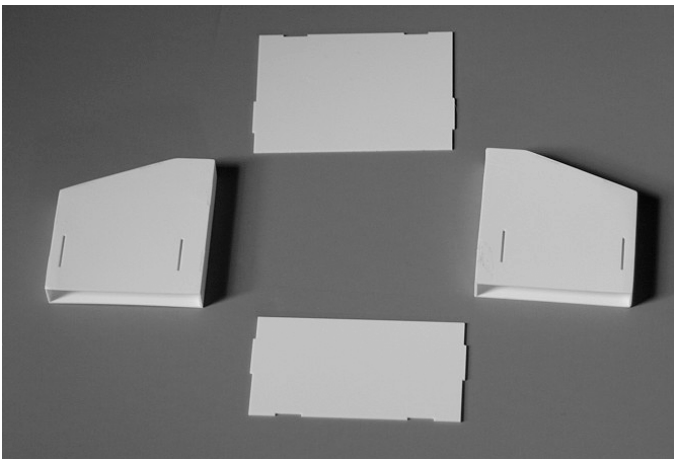


Roof tiles and cutting templates

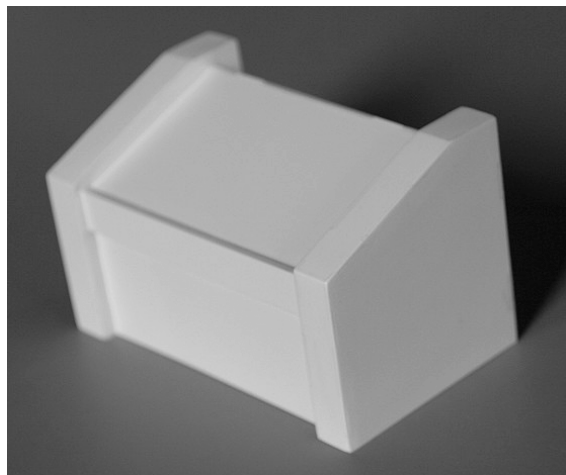
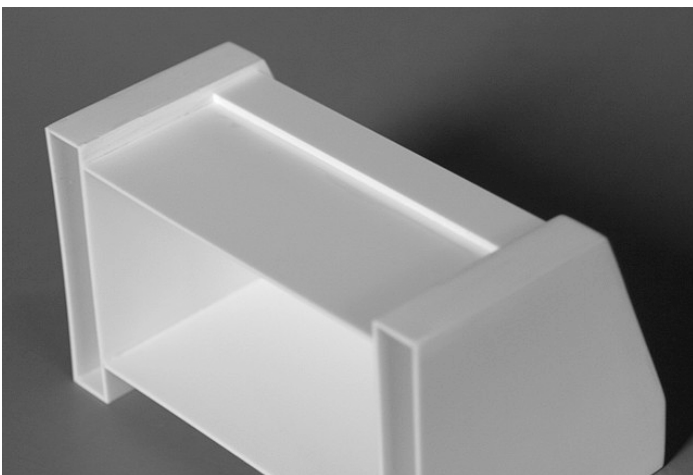
Store building:



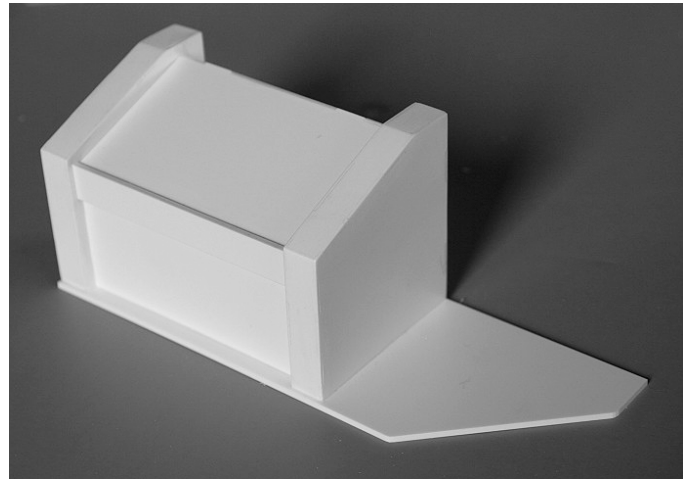
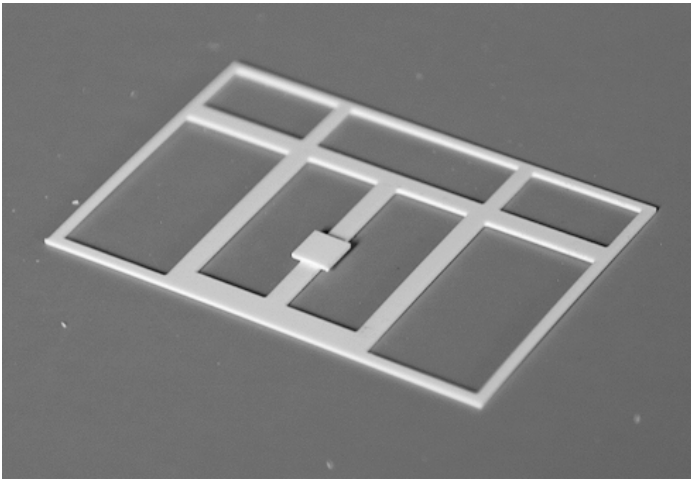
Assemble the 2 store end walls, fitting the tabs and on the edges. The wall parts with the slots must face each other.



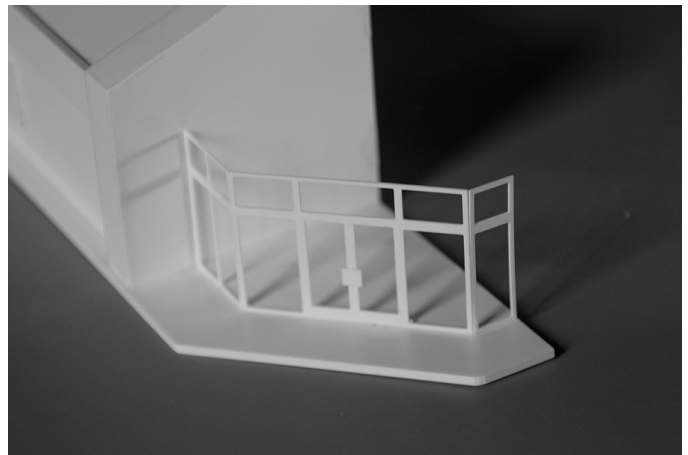
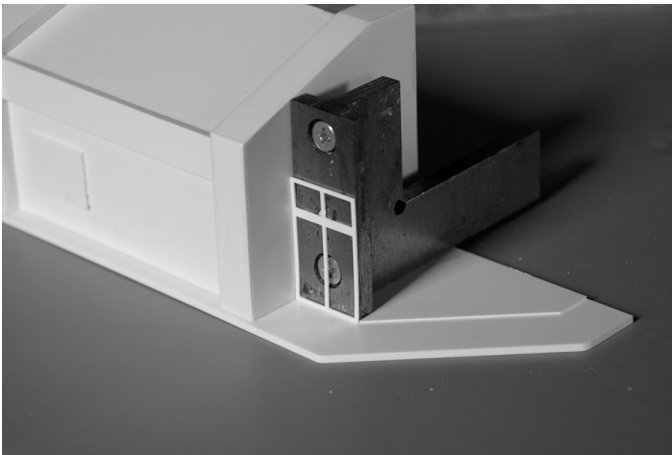
Glue on the front and rear walls into the side wall slots.



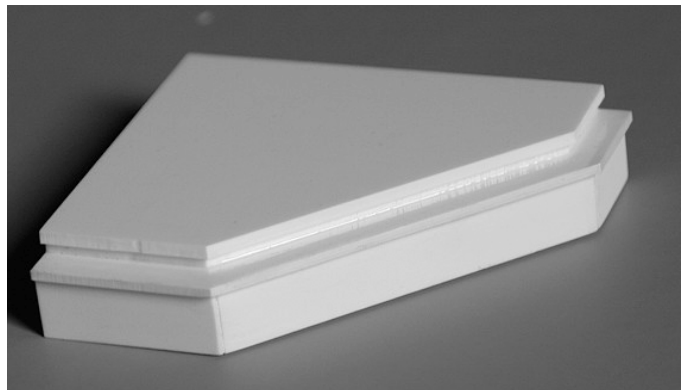
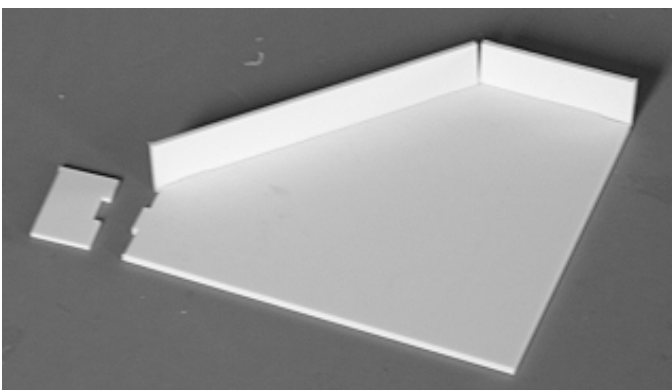
Glue on the roof part and the 0.08" (2mm) strip on the top of the front wall with a 0.08" overhang (to hide the tile ends)



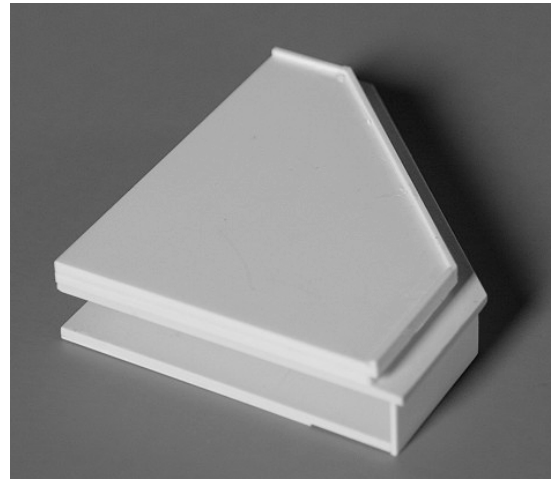
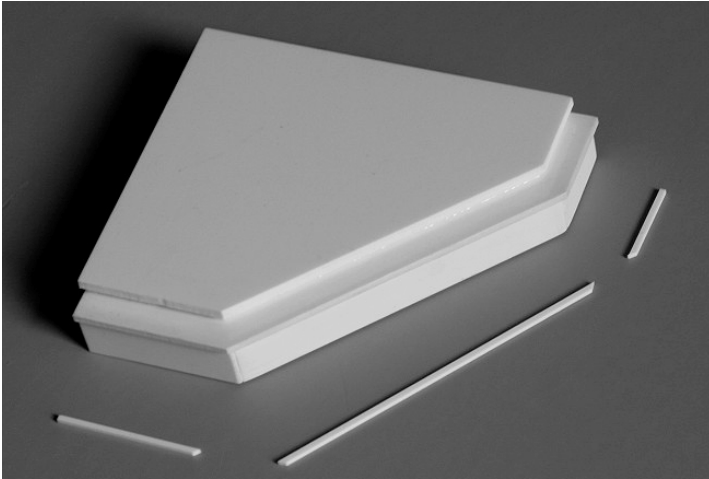
Glue the small square on the front door (door handle). Glue the sore to the store base, aligning the rear and left side edges.



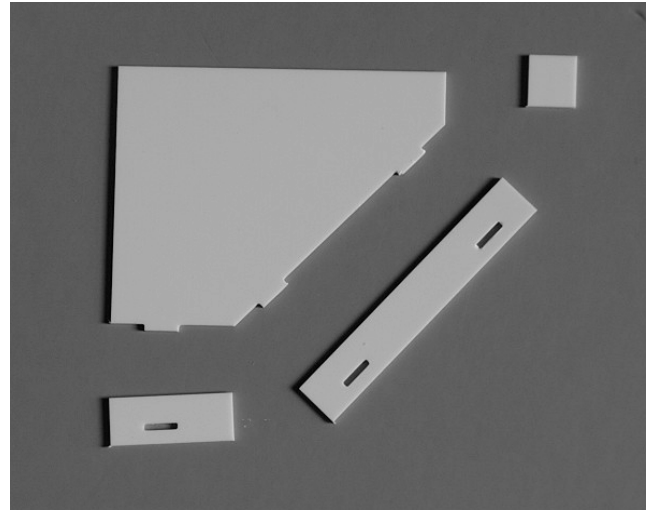
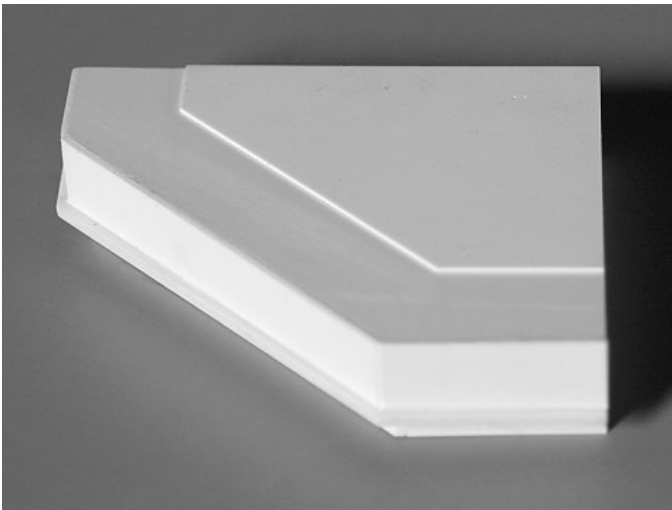
Glue one of the 0.02" (0,5mm) triangle on the base as shown and mount the window frames around it.



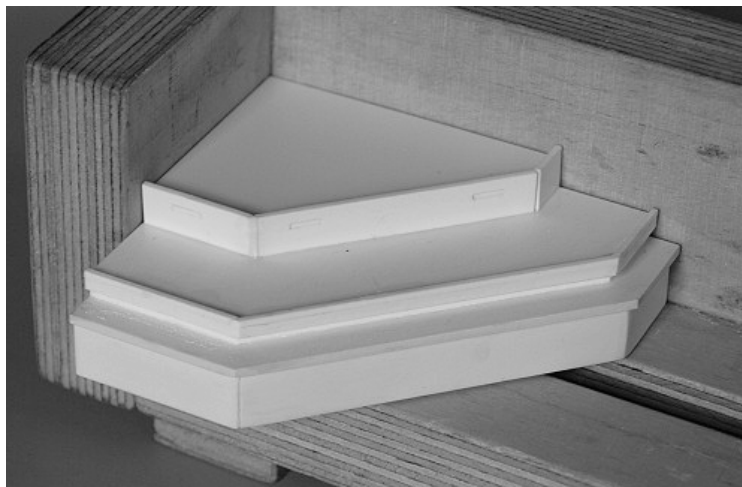
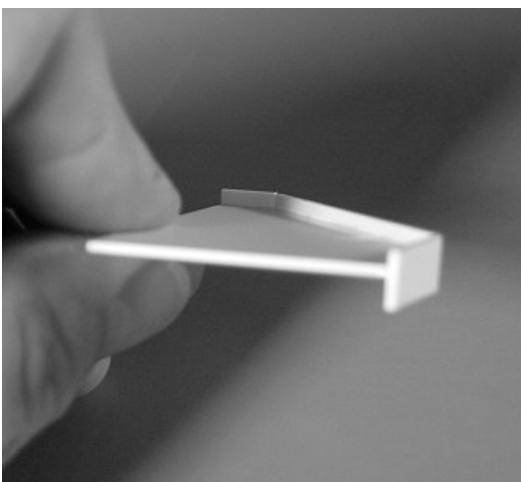
Assemble the corner roof parts, first glue together these parts, matching the tabs. The glue on the 0.06" (1,5mm) triangle, aligning the rear corner with a straight edge. On top of this, glue the smallest of the 0.08" (2mm) triangles and finish with the larger 0.08" triangle.



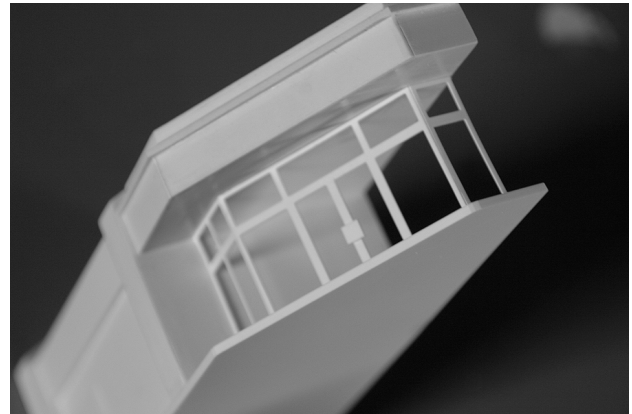
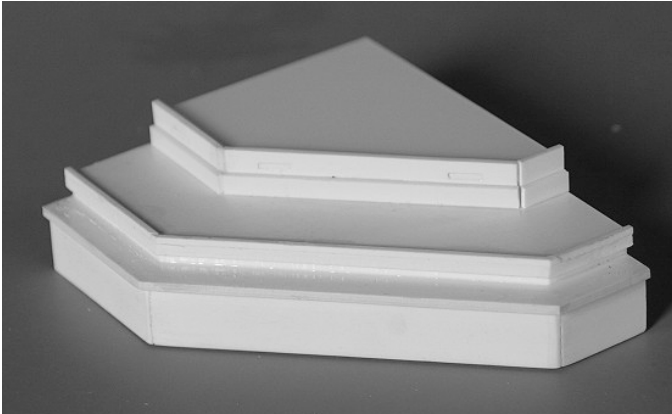
On top of this, glue on the small strips aligning the edges as shown.



Turn it over and glue on the 0.02" (0,5mm) triangle. Assemble the top roof triangle fitting the tabs and slots.

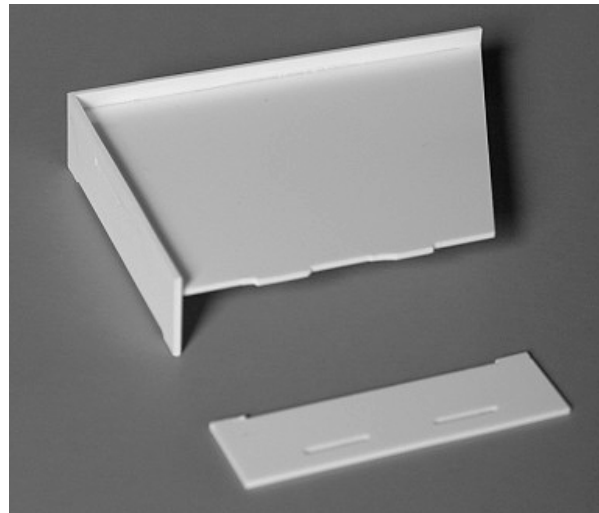
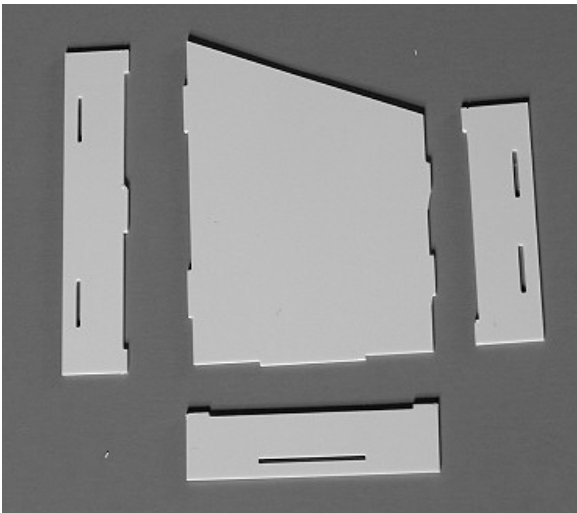


Glue this piece on top of the entrance roof as shown.

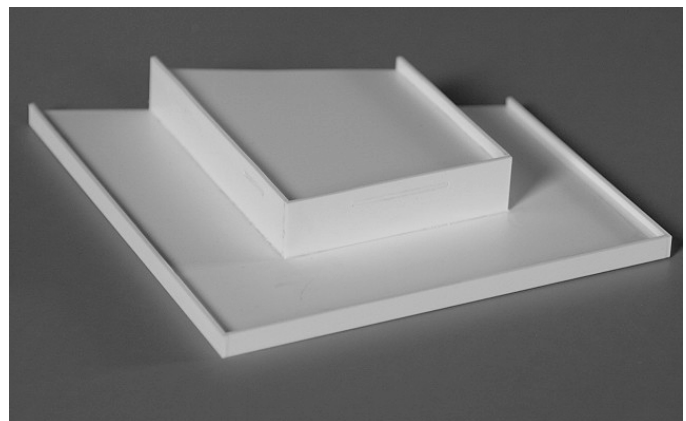
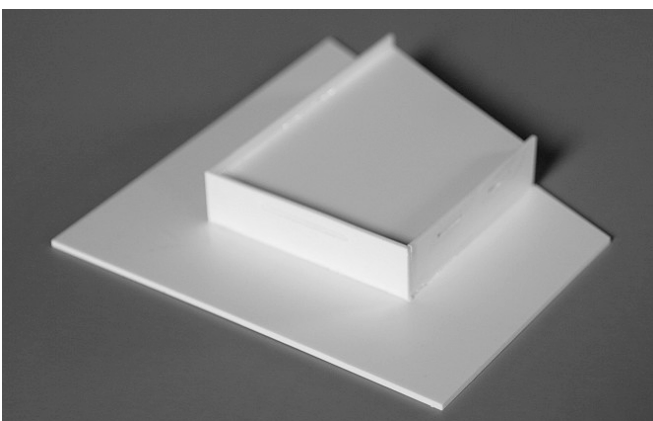


Glue the narrow strips on the side of the top piece. Glue the entrance roof assembly on to the window frames.

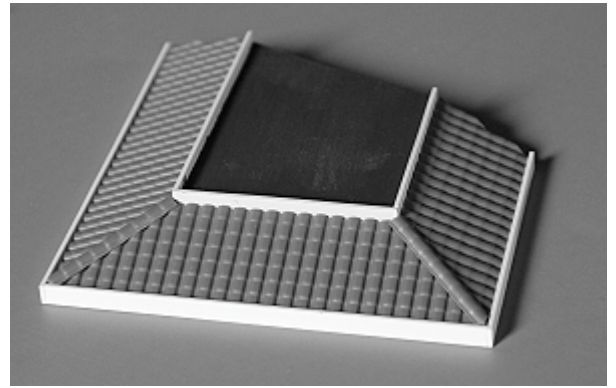
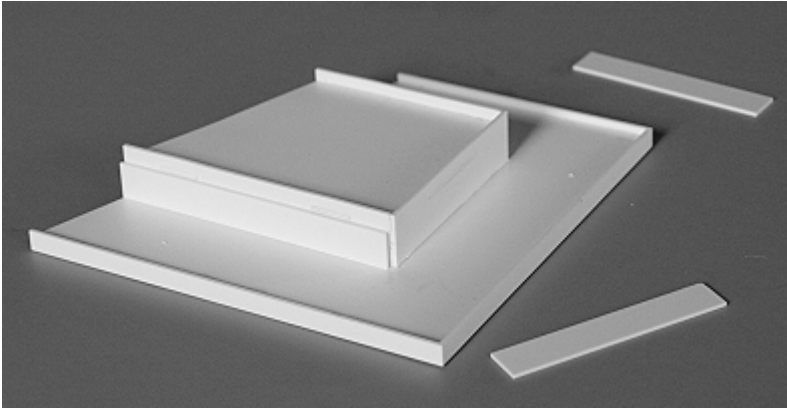
Canopy



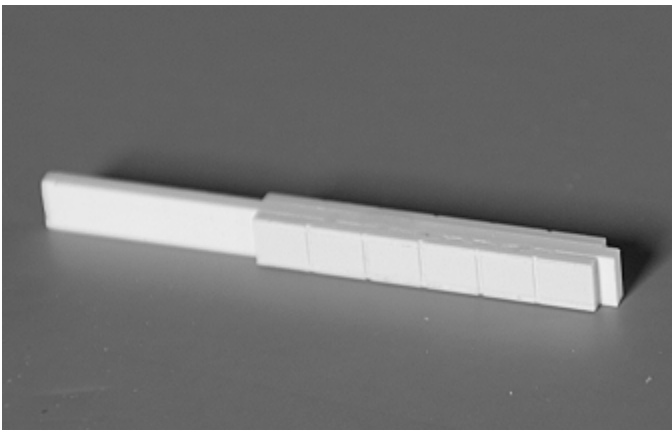
Assemble the box fitting the tabs and slots as shown and mount it in the slots on the top part of the canopy.



Glue the bottom side of the canopy (with the 2 square holes) onto the top part and mount the side strips flush with the bottom.

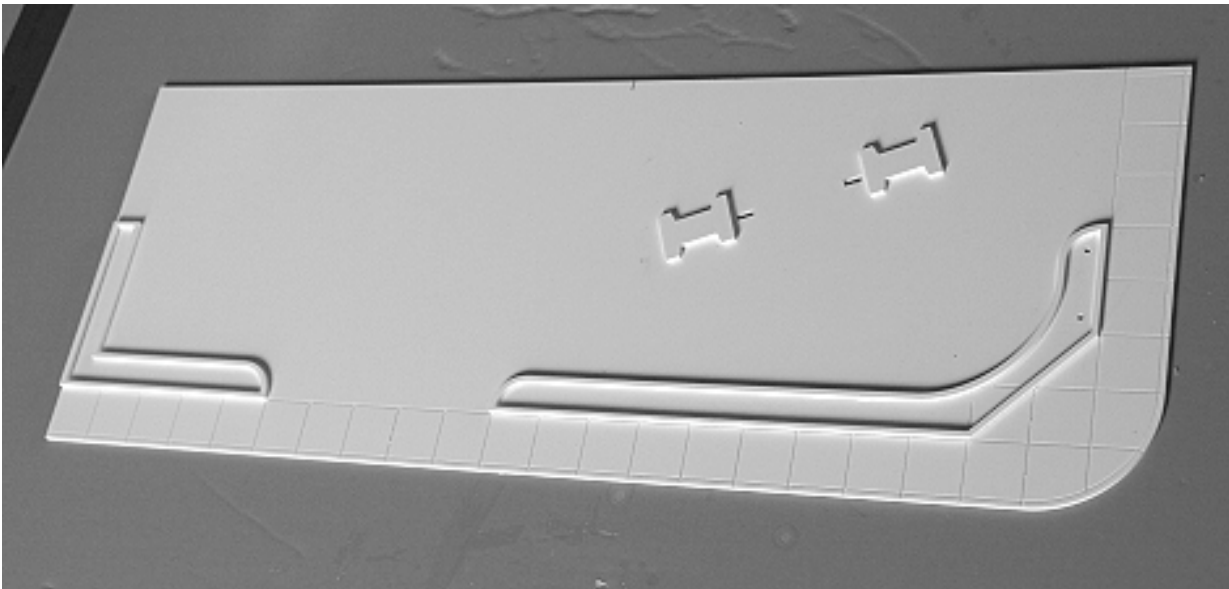


Mount the strips on the side of the box as shown (this is tile support). Glue on the tile sections and corner strips. See the tile cutting section.

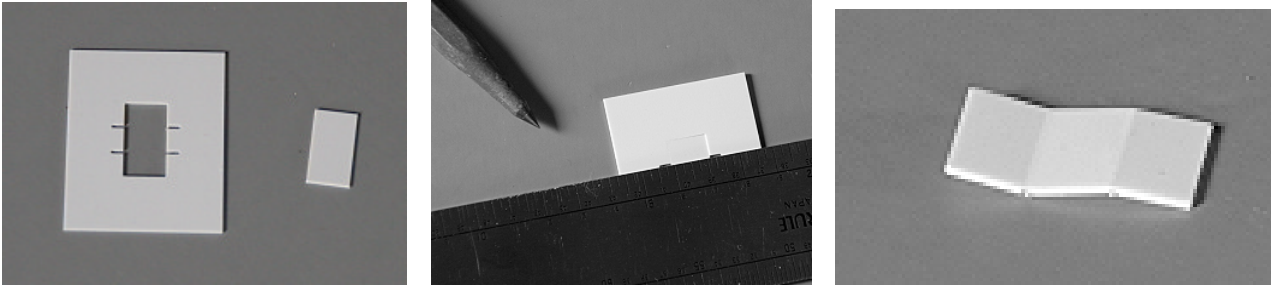


Assemble the 2 canopy columns by gluing the tile-textured strips to the bottom of the 0.08" (2mm) strips. Leave 0.08" to stick into the holes in the base.

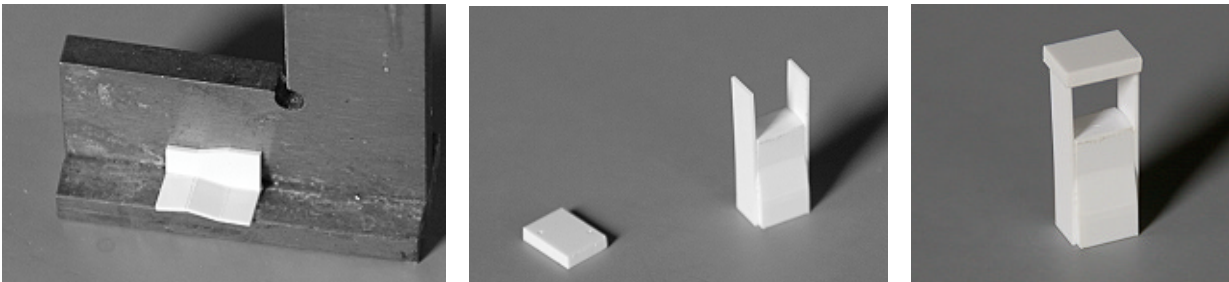
Glue the curbs and the pump footing onto the base and paint it.



Pump assembly

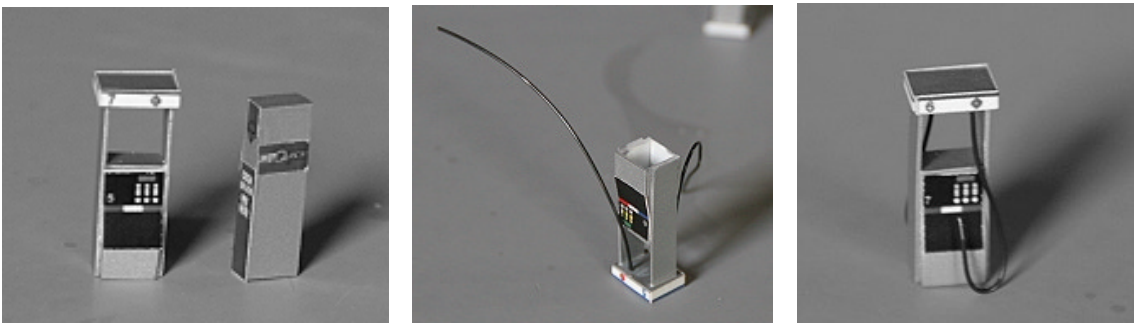


Place the sidepieces in the template and carefully score the surface at the markings with a pointed tool. Fold along the lines as shown, be careful not to break it in two.



Glue the sides to the matching end pieces and glue the small top on. Then glue on the high sidepieces and finish with the top piece, the holes facing downwards.

Glue together the 2 short pieces of 0.08" (2mm) strips, this will be the credit card console between the pumps.



After painting, cut the decals with a sharp knife (or a pair of scissors) and put them on as shown in the picture. Cut the black wire in four 2" sections and glue them into the holes under the top plate with CA glue.

Roofing

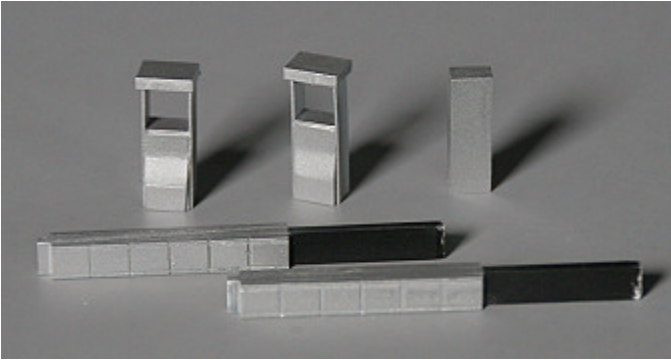
Cut a piece of the roofing tile sheet to fit the store roof, approx. 3 1/8" (80mm). Then cut a few corner strips. Now test fit the roof templates on the remaining roof to make sure you have the right part orientation before using them to cut the tiles (see picture in the parts overview section). Make certain you have the right side of the tile facing outwards. Cut the Plastruct tiles around the templates with a sharp hobby knife.

Carefully glue the tile parts onto the roof using glue only on the backside. The glue will discolor the tiles if you get it on the front. Finally mount the corner strips.

Painting

Paint the big base a concrete color. On this demonstration model I used Woodland Scenics Concrete. The store building and the canopy should be painted a flat white. When dry, paint the window frames satin black and the flat roof tops over the store entrance and the canopy flat dark gray. Paint the store base concrete. On this model I used Floquil Concrete, but you can use the same color as on the big base.

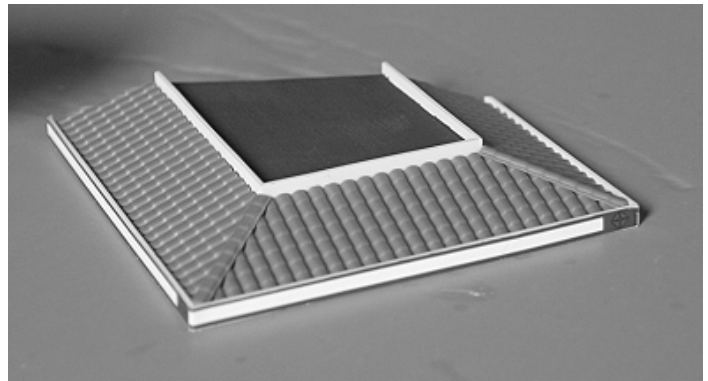
The canopy columns should be satin black on the upper part and silver/aluminum on the tiled part. Paint the street sign satin black.



Paint the pumps and the credit card console silver or aluminum.

Paint the tile roof with a flat clear finish.

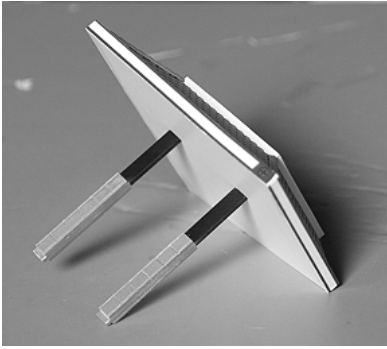
Final assembly



Cut the decals with a sharp hobby knife. Remove the backing paper using the tip of the knife to separate it from the decal. Mount the red, white and blue stripes around the entrance, and the yellow stripe on the edge right above. Attach the small plastic piece in the middle with white glue and mount the "am/pm" sign. Mount the "24 Hours" sign on the matching piece of plastic and glue it onto the wall with white glue.

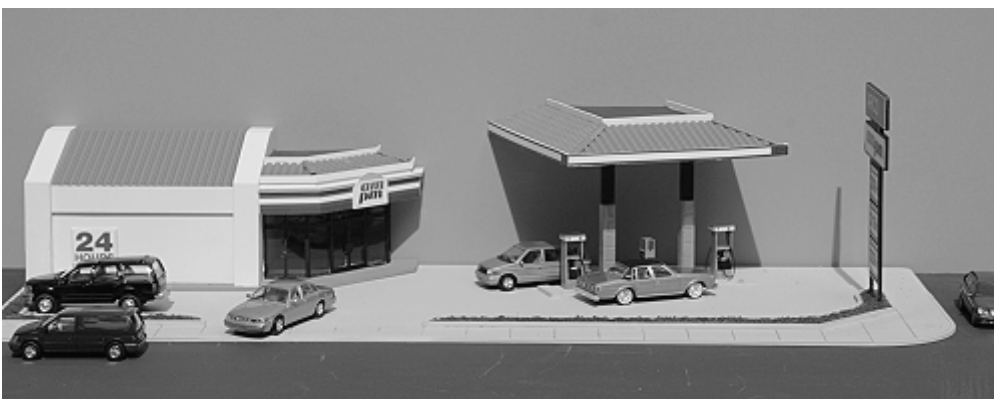


Mount the street sign labels onto the sign as shown in the picture. Be very careful to align them right, once they attach, you can't get them off without destroying them.



Mount the blue and white edge strips on the canopy. Insert the columns into the holes in the canopy as shown. This is a press fit you may not have to glue.

Finally attach the pumps to their bases with tiny drops of white glue, insert the canopy columns and the street sign into the holes in the base and glue the store to the base.



Enjoy your Gas Station on your layout.

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



Dave's Coffee Shop Restaurant



Domino's Pizza take-out



Summit Motel, full version



Taco Bell Restaurant



Strip Mall backdrop building #1



Strip Mall backdrop building #2



Office Depot backdrop building