

Shell Gas Station & Convenience Store kit in N scale



Parking lot base and cars not included

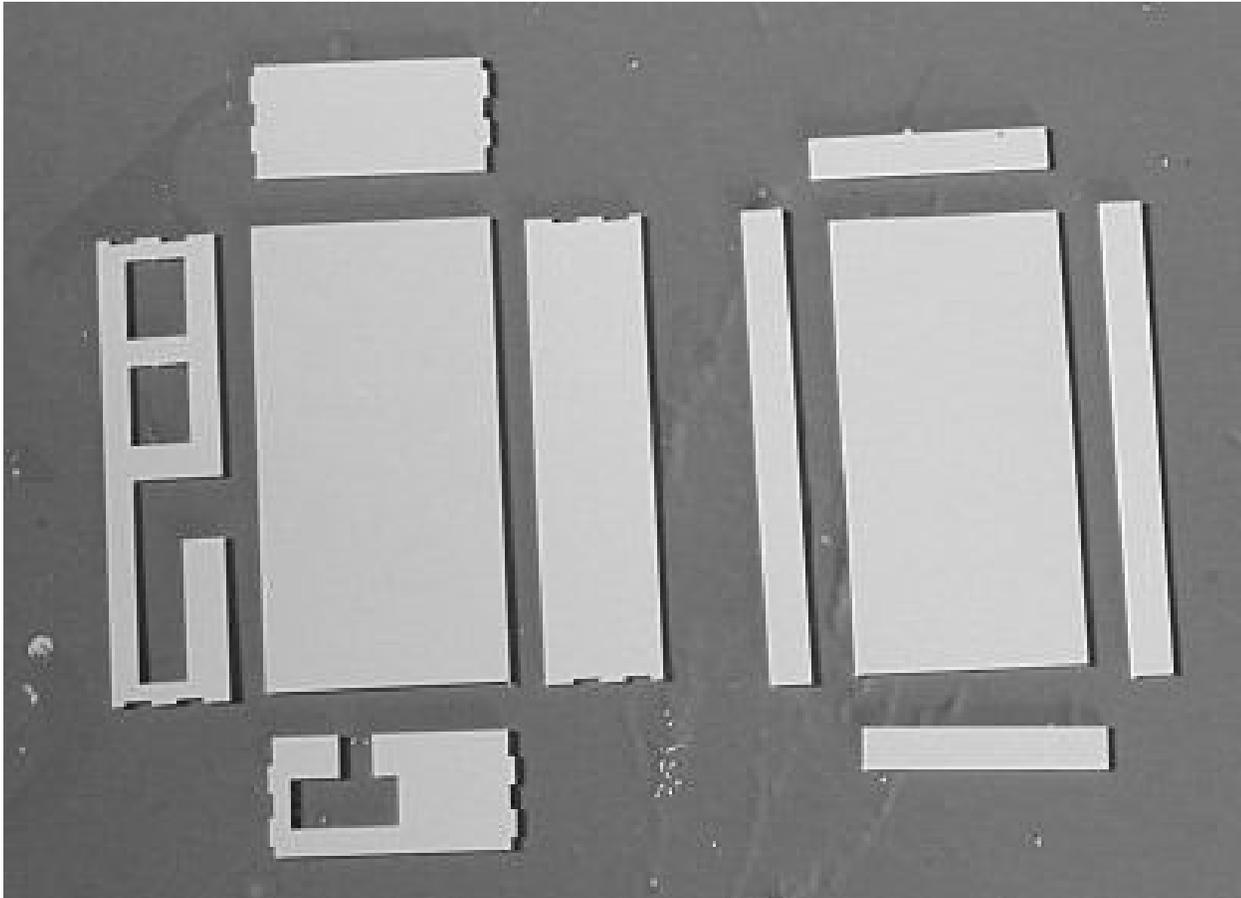
This kit includes all building parts and signs milled in white styrene plastic, clear window glazing and self-adhesive decals. All parts fit together but may need light sanding in joints for cosmetic reasons. The model needs painting.

Some model building and painting skills are required.

Assembly instructions for Shell Gas Station kit

Thank you for buying this Shell Gas Station kit. 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 and lay them out as on the pictures to get an overview of how the kit goes together. Remove the "fillings" from the window openings and window frames and clean all parts for any burrs before you start gluing them together.



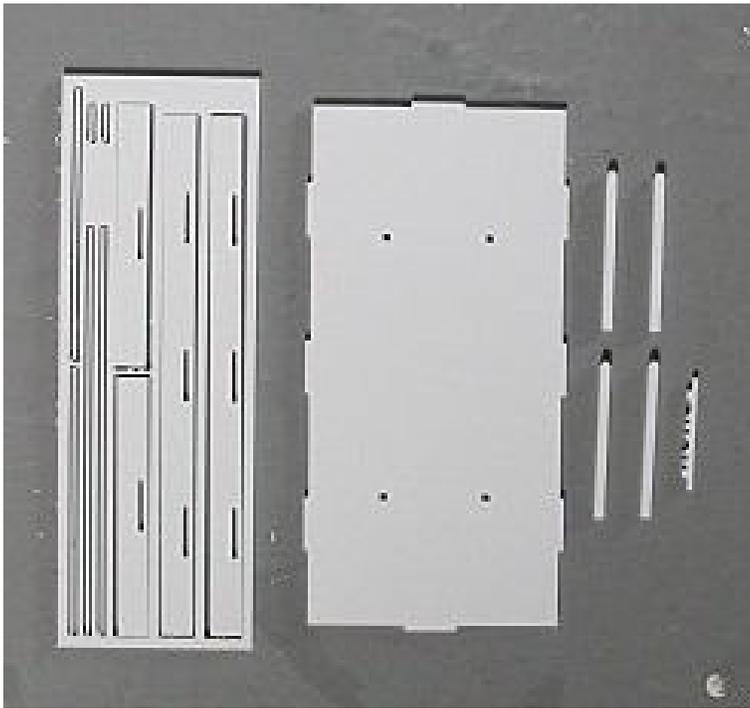
Convenience store, base, walls and roof



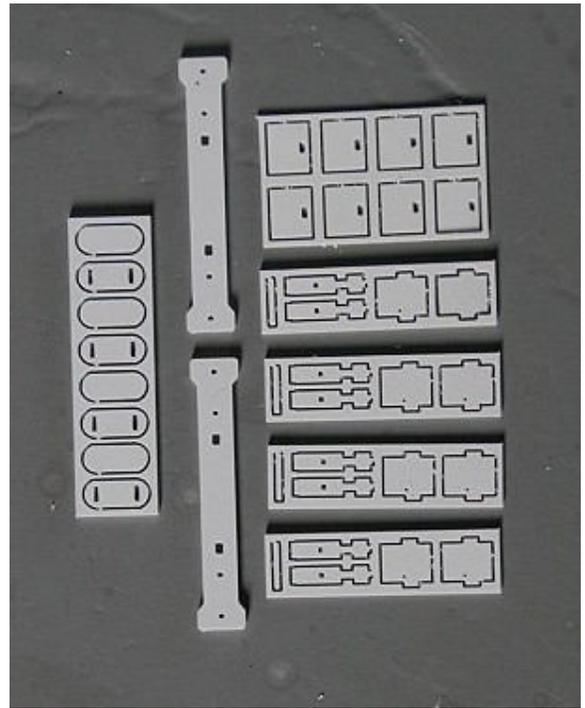
Window frames (self-adhesive micro-plywood)



Window glazing (with protective plastic)



Canopy

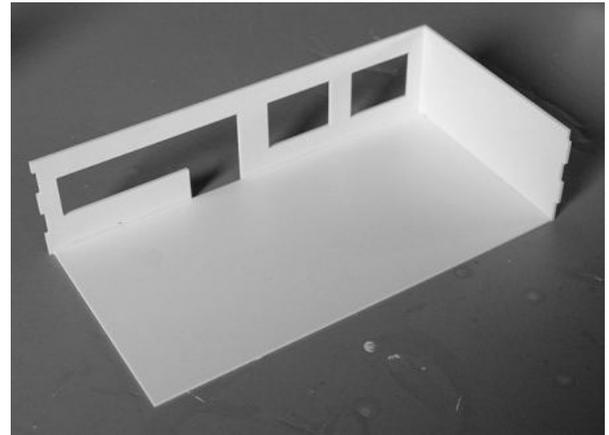
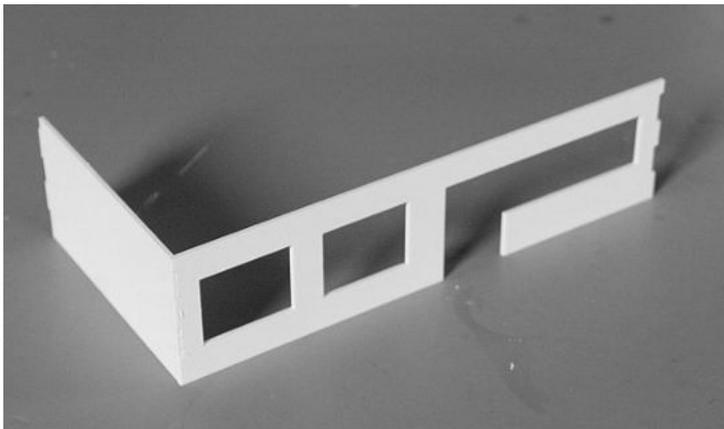


Gas pump parts and bases

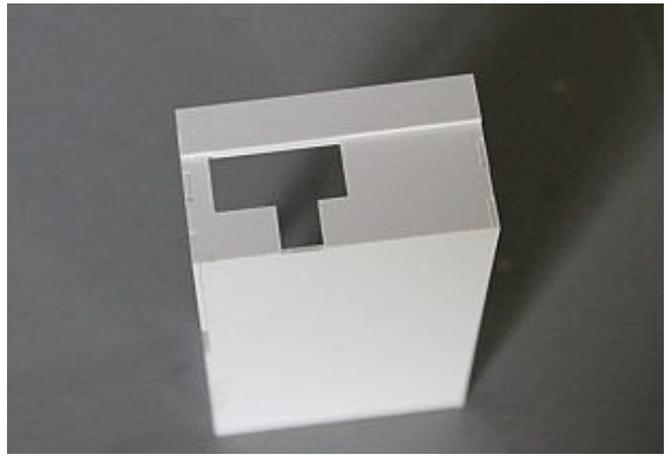
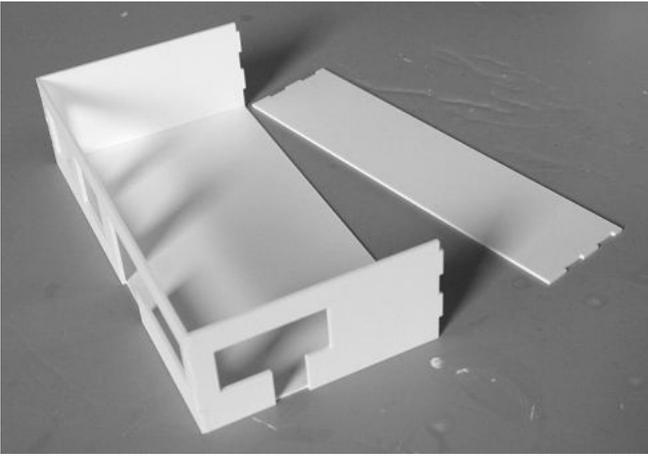
Assembly

Convenience store:

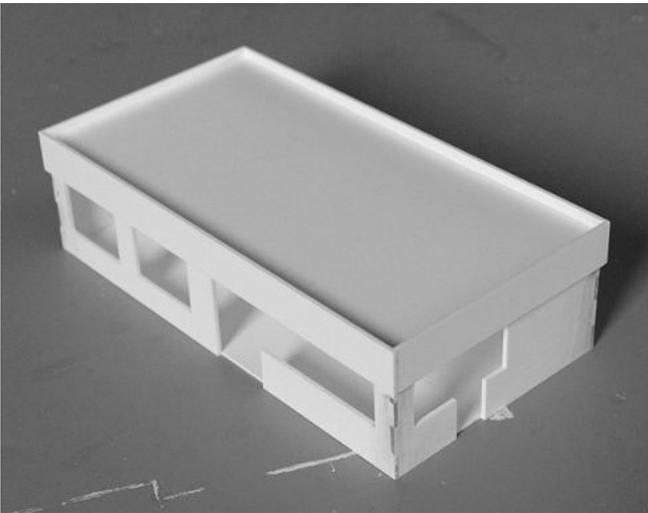
Assemble the front wall and side wall, fitting the slots and tabs. Glue them onto the side (NOT on top) of the base.



Mount the rear wall and the other side wall.



Mount the fascia pieces on the upper end walls first, aligning with the upper edge of the window opening as shown, then mount the front and rear fascia.

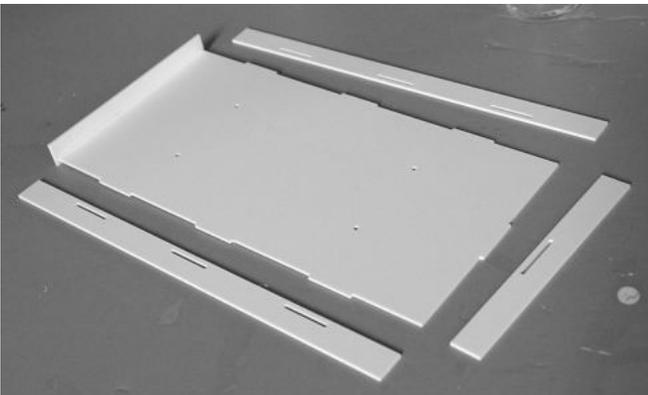


Test fit the roof, but **DO NOT GLUE!**
Leave it loose for later optional installation of interior and light.

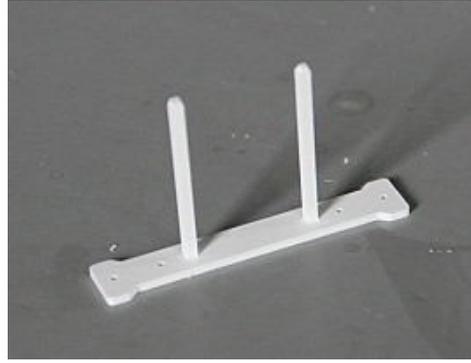
If needed, fill wall corners with filler and sand smooth

Canopy and pumps:

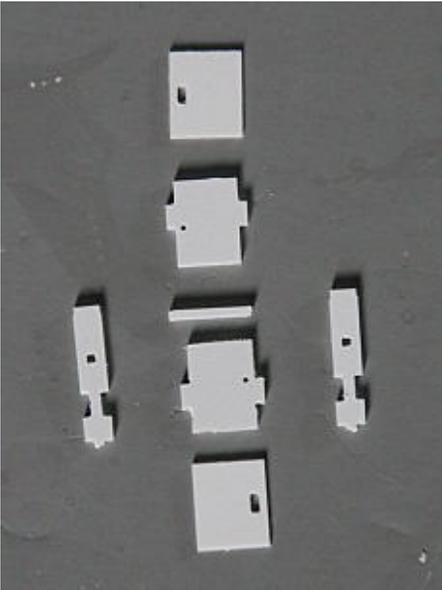
Glue on the fascia sides to the canopy roof, fitting the slots and tabs.



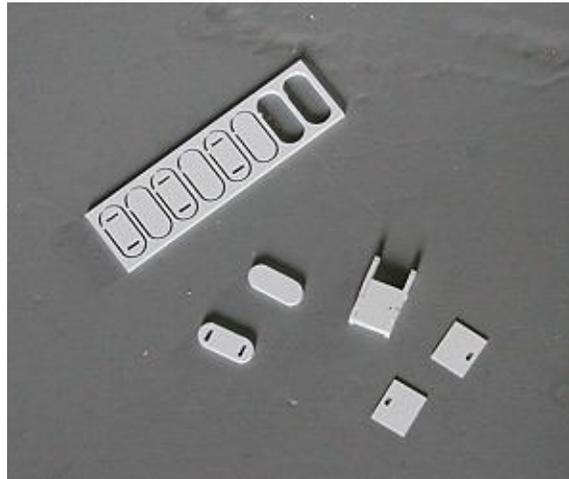
Mount the strips on the fascia. You can use the logo tool to position the strips in the correct height. Align the bottom of the tool with the bottom edge of the fascia. The logos sit on both sides of the canopy perpendicular to the street and at the end closest to the street.



Before mounting the strips, you may need to fill and sand the slot under the logo. Use a small piece of wood as a sanding block with 120-grit paper. Finish with 600-grit paper. Glue the columns onto the pump bases.



Glue the small top piece onto the pump side as shown



Glue the front piece on so the small hole is to the right when viewed from the front. Glue on the other side and front piece. Glue the two oval pump tops together (laminates), see picture on the next page.



Glue the oval top onto the pump, fitting the sides into the slots in the top.

Mount the faceplate on each side with the hole to the right.

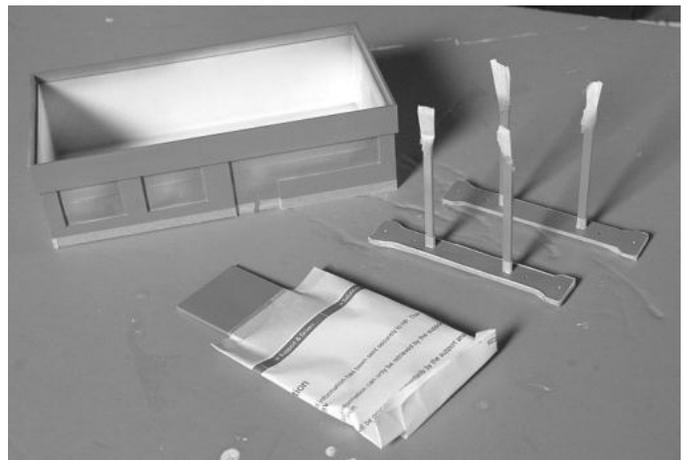
Painting and final assembly

Cover the inside of the window and door openings with masking tape and paint the whole building, canopy, pumps, bases and sign a coat of gray primer. Place a piece of double-sided tape on a piece of cardboard and stick the logo letters onto it. Give these a coat of primer also. Let dry overnight.

I try to find the closest standard color to match so you will not have mix paints. Unless you are trained it is very hard to mix the shade you want. I found the Floquil gray primer to be the best match for Shell's gray and Floquil ATSF Yellow for the yellow.

Mask off the bottom 1/8" (3mm) of the convenience store and the canopy columns, as well as the side of the pump bases and the lower part of the street sign.

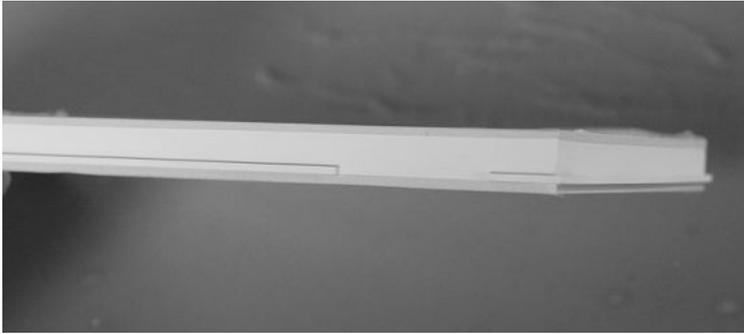
Paint the store and canopy flat white (Floquil Reefer White). Paint the pumps, canopy columns and the street sign gloss white (Testors 1145)



For the logo letters you have 2 options depending on your patience or skill level. You can mount them on a piece of cardboard with double sided tape and paint them red. When the red is dry, you touch up the small connector pieces with yellow paint on a very small brush. Or you can glue them on the canopy before painting. When the yellow paint is dry you color the top face of the letters with

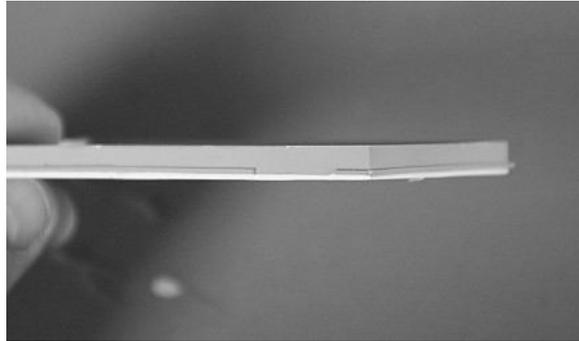
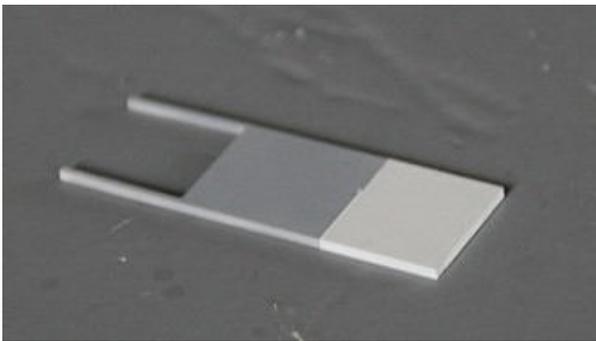
a red Sharpie marker. The first method will look most correct, the second is much easier to make look nice.

Paint the window frames black. Then carefully cut them out of the sprue with a sharp hobby knife.

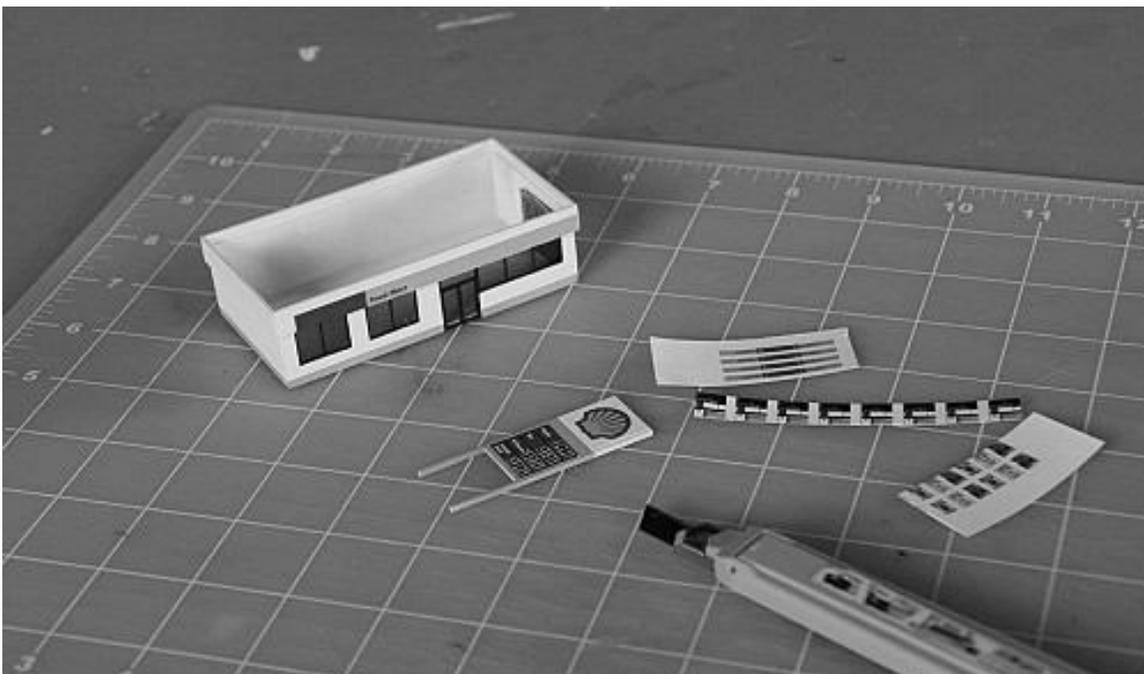


Mask off the area under the stripe on the canopy fascia and paint it yellow. (Don't forget to cover the roof on both sides)

Finally mask off the canopy to paint the strip red. Paint the store roof dark gray (Floquil Grimy Black) Paint the top surface of the pump bases a concrete gray (Testors Light Sea Gray was used on this model).



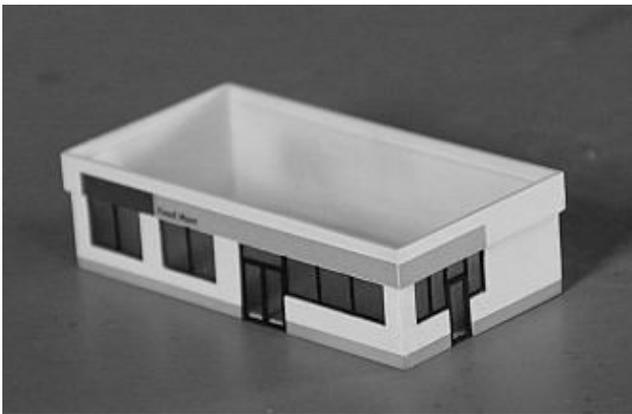
Before handling the decal sheet, I strongly recommend you seal it with a coat of Krylon Crystal Clear acrylic coating or Testors Dull Cote. Uncoated, you have a risk of rubbing off some of the print when handling it, especially on the pump tops. When dry, cut out the logos using a sharp hobby knife and a steel ruler.



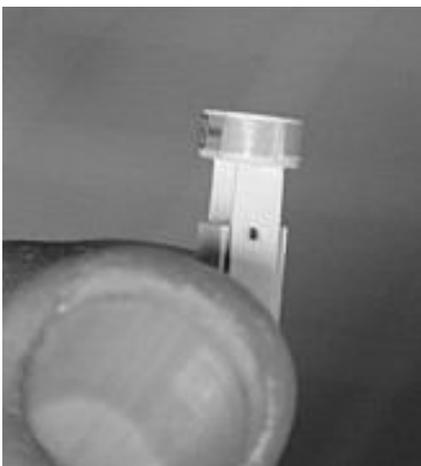


Glue the window glazing to the inside of the walls. The glazing in this kit is clear in case you want to make interior. If you want the windows tinted as on this demonstration model, apply some car window film. This you can get in any auto parts store.

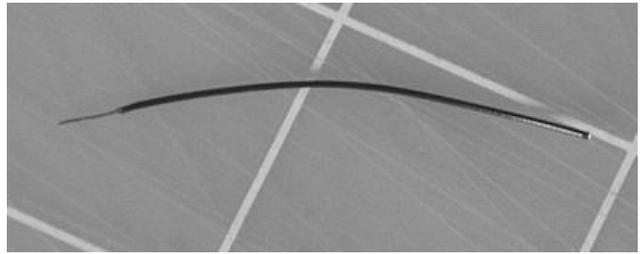
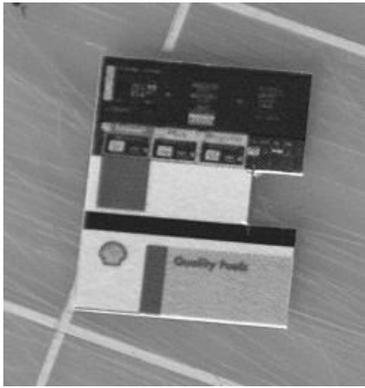
Remove the backing paper from the door and window frames and mount them on the glass. Be very careful that the frames are lined up right, once the adhesive touches the glass you can't get it off again without damaging the part.



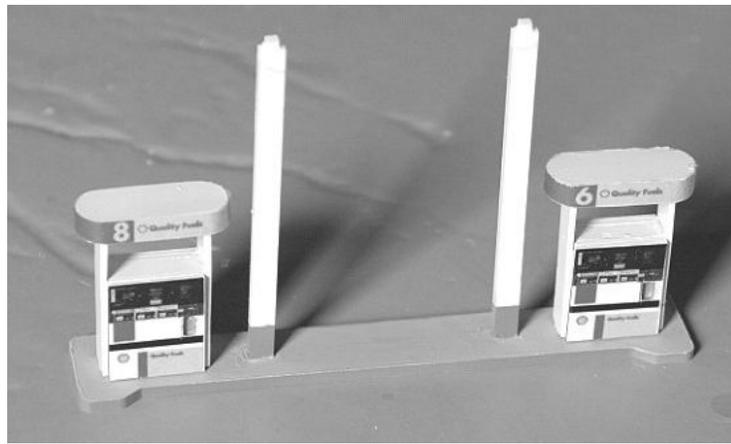
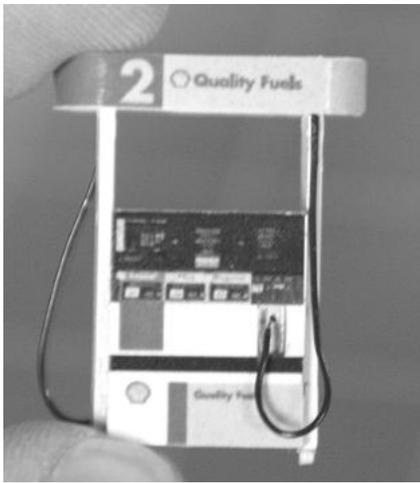
Mount the decals on the walls and street sign as shown. The decals are self-adhesive.



Mount the decal on the pump top, making the seam in the middle of the half-circle. Choose the side, which will be the least visible. The decal may work itself loose (because of the bend), so secure the seam with a small drop of yellow paint or Scenic Cement.



Cut the notch out on the pump face decal and mount the decal. Cut the black wire into 8 3/4" (19 mm) pieces and strip 0.15" (3mm) Make a 90 degree bend in the bare wire and mount it in the hole in the nozzle opening. Bend the wire to fit and attach the other end to the top of the side with a small drop of CA glue.



Mount the pumps on their bases.

Finally, glue the canopy onto the columns, fitting them in the holes.

Paints used on this model:

Floquil 110009 Gray Primer
Floquil 110011 Reefer White
Testors 1145 Gloss White

Floquil 110178 ATSF Yellow
Floquil 110450 SOO Line Red
Floquil 110013 Grimy Black

If you want to add vents and airconditioners to the roof, we recommend Walthers #933-3286 Roof details set.

Enjoy the modern gas station on your layout.

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



Taco Bell Restaurant

TB-002



Domino's Pizza

DP-002



Summit Motel

SM-002



Shell Gas Station & Store

SH-002



Dave's Coffee Shop (Denny's)

CS-002



Subway Restaurant

SW-003



Shamrock Rural Gas Station

SC-002



Lowe's backdrop building

LO-002