

## GENERAL

The Micro Engineering Groger's Grocery kit represents a small grocery store built in the early twentieth century but still prevalent throughout the USA today.

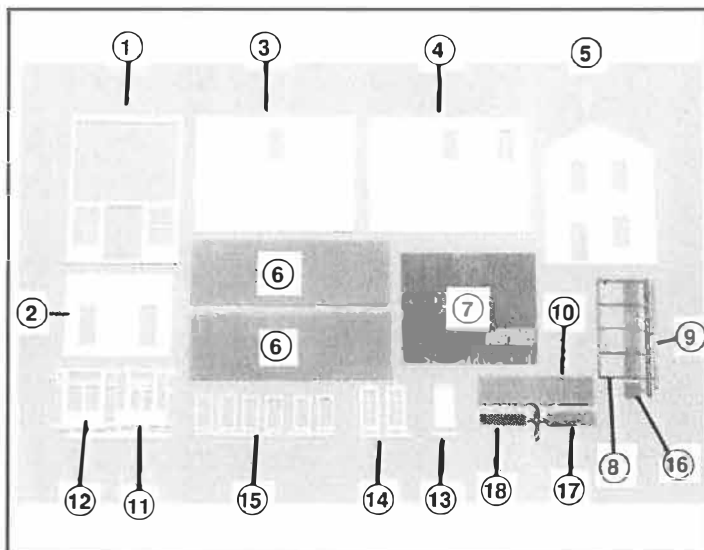
Most parts in this kit are made of injection molded styrene plastic and should be glued with a styrene solvent cement (such as Testors®). Some of the detail parts are made of white metal alloy (see parts list) which should be glued with a cyanoacrylate (CA) cement (such as Super Glue® or Hot Stuff®).

Before beginning assembly clean off and trim any flash or gate marks from all plastic and white metal castings.

Read each instruction sheet step completely before proceeding with that step. Refer to the photos for reference.

The following parts should be included in your Groger's Grocery kit, some of which are keyed to the photo below. (wm) indicates white metal parts.

- |                        |                             |                       |
|------------------------|-----------------------------|-----------------------|
| ① 1 front wall frame   | ⑪ 1 recessed front door     | ⑳ 1 Coke sign         |
| ② 1 front wall         | ⑫ 1 non-recessed front door | ㉑ 2 printed awnings   |
| ③ 1 left side wall     | ⑬ 1 back door               | ㉒ 1 large barrel (wm) |
| ④ 1 right side wall    | ⑭ 2 tall windows            | ㉓ 1 small barrel (wm) |
| ⑤ 1 back wall          | ⑮ 6 two pane windows        | ㉔ 1 broom (wm)        |
| ⑥ 2 roof halves        | ⑯ 1 set window boards       | ㉕ 1 chimney (wm)      |
| ⑦ 1 shed roof          | ⑰ 1 recessed floor          | ㉖ 1 stove pipe (wm)   |
| ⑧ 1 shed wall          | ⑱ 1 recessed ceiling        | ㉗ 2 crates (wm)       |
| ⑨ 1 shed support board | ㉘ 1 2 x 6 piece acetate     | ㉙ 1 tire (wm)         |
| ⑩ 1 boardwalk          | ㉚ 1 Groger's Grocery sign   |                       |



## ASSEMBLY

**1. DOORS & WINDOWS** — This kit is supplied with two different styles of front doors — a recessed door with two side windows or a non-recessed door. Trim (remove) the muntins (window pane dividers) from the front door you will use and from the two store front windows in the **front wall frame** ①. Trim all muntins except the center, horizontal muntins from the two **tall windows** ⑭. Cement both **tall windows** ⑭ to the **front wall** ②. Cement the **back door** ⑬ and the 6 **two pane windows** ⑮ to the back and side walls.

**2. BUILDING FRONT** — Cement the **front wall** ② to the back of the **front wall frame** ①. If using the **non-recessed front door** ⑫, cement it to the back of the **front wall frame** ①. If using the **recessed front door** ⑪, first cement the **recessed floor** ⑰ to the back of the **front wall frame** ① by holding the front wall vertical and cementing the thick edge of the **recessed floor** ⑰ against the bottom of the door opening. Next, cut the side windows from the door, lay the door on a flat surface front side up, and cement the side windows on each side of the door at an angle about 20° less than a right angle. While the glue joints are still soft, place the assembly on the

**recessed floor** ⑰ with the door centered on the door opening and cement the angled side windows to the back of the door opening edges. Apply cement between the door assembly and the **recessed floor** ⑰. Cement the **recessed ceiling** ⑱ on top of the door and side windows.

**3. STRUCTURE** — Cut and cement pieces of acetate to the back side of all windows. Cement the **side walls** ③, ④, between the front and **back walls** ⑤ making sure the four building corners are square. File or sand a slight angle on the roof cap edge of each **roof half** ⑥, check the roof halves for fit, and cement them together and to the walls. If the building is to be placed against an adjacent building, it may be necessary to trim off the roof overhang on that side before assembling the roof.

**4. DETAILS** — Cement the set of **window boards** ⑮ across the upper or lower half of the side window. Cement the **shed support board** ⑨ to the building side  $1\frac{5}{8}$  inch from the bottom of the wall with one end flush with the front of the building. Peel off the backing and apply both signs as shown in the photo.

**5. SHED** — Install the building on your layout. Cement the **shed wall** ⑧ to the layout parallel to and  $1\frac{5}{8}$  inch from the side of the building. The front edge of this wall should be  $\frac{1}{4}$  inch back from being in-line with the front wall. Cut the **shed roof** ⑦ along the fifth tar paper seam so it measures  $2\frac{3}{4}$ " x  $11\frac{1}{16}$ ". Cement the **shed roof** ⑦ on top of the **shed support board** ⑨ and **shed wall** ⑧ so the front edge is flush with the front of the building.

**6. DETAILS** — Cement the **boardwalk** ⑩ to the front of the building. Paint all white metal detail parts. Cement the **stove pipe** ⑳ to the center of the **window boards** ⑮ on the side window. Cement the **chimney** ㉔ to the roof and the remaining detail parts to the boardwalk and around the building.

**7. AWNING** — Before trimming the **awning** ㉒, fold and sharply crease the two side flaps and front flap along the printed fold lines. Note; since the awning was printed a little long, fold the side flaps slightly inside their lines. When folding the awning, use a Kleenex against the paper to avoid smearing the ink with your finger. Unfold the flaps and trim the straight sides of the awning with scissors. Trim the four notches and the points with a razor knife. The outline on the white portion of the awning should be removed when trimming. Refold the flaps and cement the awning to the front of the store. The notches on the side flaps fit the trim above the storefront windows. Adjust the angle of the awning so the side flap stripes are vertical.