



TBS Z-05 Winfield's Five & Dime INSTRUCTIONS

Congratulations on your purchase of a **TownBuilder System** kit! We hope you enjoy assembling **Winfield's Five & Dime** (a.k.a. Drug Pharm), fifth in our series of Z Scale classic American downtown structures. Before getting started, please ensure that all of the kit's components are present. The package should contain:

- 8 main structural castings including one angled entrance wall, two entrance trim parts, two windowed walls, two cinderblock walls, and one freight door opening plug
- 2 complete sign castings
- 3 detail castings
- 1 small pin
- 1 piece of brass wire
- 1 piece of styrene rod
- 1 sheet of window blinds
- 1 sheet of window glazing
- 1 sheet of interior graphics
- 1 sheet of wet-dry sandpaper
- 2 pieces of square strip styrene
- 1 sheet of laser-cut windows and doors
- 1 laser-cut sheet of thick cardstock with roof and floor
- 1 pre-wired LED with plastic mounting collar and washer



If any of these parts is missing or damaged, please see the contact information on the back.

To assemble this kit, you'll need the following tools and supplies:

- sharp modeling knife
- steel ruler
- cutting mat
- tweezers
- small pliers with wire cutters
- small metal square or square alignment block
- thick, gap-filling cyanoacrylate (CA)
- various paints, brushes and washes of your choosing

GETTING STARTED. First, read all of the instructions; this way, you won't have any surprises. Then familiarize yourself with all of the kit's components. Carefully inspect all of the cast resin parts. Please note that large, thin castings may have a tendency to warp; this is normal. If any of the parts have warped, simply place them in boiling water for about 5-10 seconds, then remove them and place them on a smooth, hard surface, such as a countertop, until cool.

Using a sharp knife, remove all of the flash from the outside edges as well as inside all of the window and door openings. Be especially mindful of the edges of the wall parts that are molded to interlock with one another. Work slowly and carefully to avoid damage to any visible surfaces. Handle the windowed walls with great care.

Before assembly can begin, you must decide how you want to arrange the two back walls. There are four possible combinations, which dictate where the freight door will be located, as shown in Figure 1, below. Freight door openings are located on opposite ends of the two cinderblock walls, which can exchange assembly positions. A matching plug is provided to fill in the unused opening.

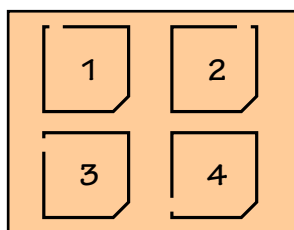


Figure 1

BACK WALLS. The two cinderblock walls are different lengths; the part with the freight door to the left is longer. The end of this wall must overlap the end of the shorter wall in order for the structure to assemble correctly; refer to Figure 2 for their proper orientation.

Once you've decided on the location of the freight door, begin assembly by bonding one piece of strip styrene 1/16-inch above the bottom edge of each of the two cinderblock walls, as shown in Figure 3.

Position the two cinderblock walls with the corners in their proper orientation, using a small metal square or square alignment block to hold them at right angles; ensure the corners are snug. Then, apply CA along the joint from inside, and hold the parts in place until the CA sets. Place the plug in the freight door opening that won't be used, and bond it in place by applying CA along the lip inside the building.

FRONT WALLS. Note that the two front wall parts are delicate, and must be handled with care. They rely on the main windows for strength, so the next thing to do is spray paint the windows. We recommend using flat aluminum. When the paint is dry, remove the parts from the fret, then peel off the protective backing. Remove the corresponding glazing parts from the fret, and apply them to the window frames, ensuring accurate alignment.

Apply a small bead of CA along the top and bottom edges of the window assemblies, and position them in the openings of the wall parts. Be sure the windows are snug against the vertical wall part at the back of the opening, and that the long wall edges are tight against the top and bottom of the window frames, highlighted with arrows in Figure 4. Hold these parts in position until the CA sets.

Assemble the small second-floor window frames and glazing parts, position them behind the window openings, then bond them in place. Be sure they are oriented with the wider edges facing up, as noted in Figure 5. Apply shades to these windows as desired.

Bond the front walls to the back walls, oriented as shown in Figure 6.

Test-fit the corner wall part in the opening between the two main walls; there should be little or no adjustment needed to make a tight fit. If any adjustment is required, be sure to remove very small amounts of material to avoid creating gaps. When you are satisfied with the fit, bond the corner window part in place.

When the corner window part is set, attach the glazing to the main entrance, and test-fit it in place; the top edge slips into the recess along the bottom of the corner window part. Trim the main entrance as needed, then bond it in place. Finally, bond the two small trim parts to the corners of the main entrance, as shown in Figure 7.

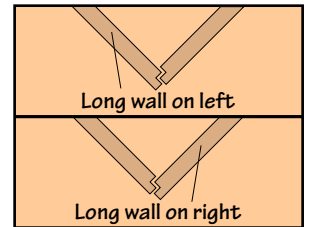


Figure 2

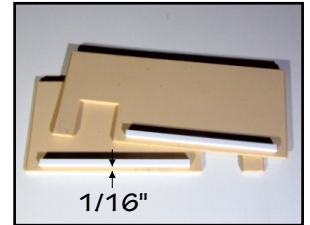


Figure 3

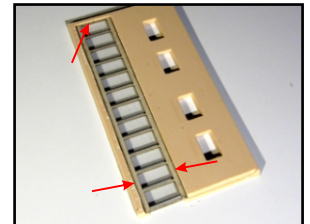


Figure 4

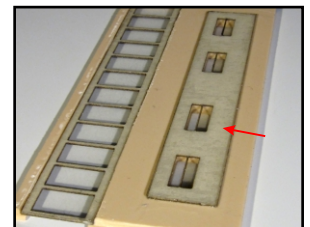


Figure 5

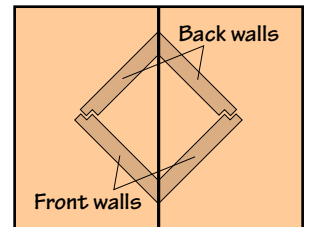


Figure 6



Figure 7

MAIN SIGN. Test-fit the sign of your choice on the building; the three small tabs on the back fit into recesses on the three front wall parts. Handling the sign with care, scrape or sand the back surfaces as needed for a good snug fit; it should not take much.

Paint the sign as desired. To create the effect seen in the photos, apply red paint to the face of the sign with a brush. Wipe excess paint off the lettering and stripes while it's still wet. When dry, remove any residual paint with a knife or very fine sanding film. Finally, mask off the face of the sign and spray the top and bottom with flat silver spray paint. Clean up the edges with a knife as needed.

When the sign is completely dry, bond it to the building by applying a thin bead of CA along the back, then carefully inserting the tabs in the recesses. Hold the sign in place until the CA sets. Install the braces by cutting the brass wire into two pieces, each 0.7 inches long. Bend the wires according to the pattern in Figure 8, below. Apply small amounts of CA to the ends, then insert the wires in the holes.

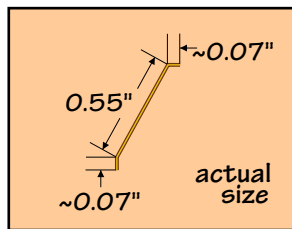


Figure 8

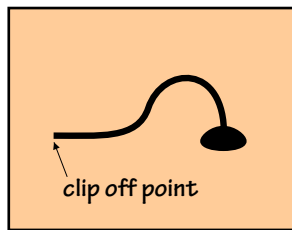


Figure 9

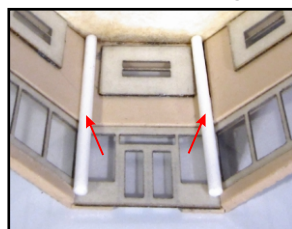


Figure 10



Figure 11

Cut the floor graphic from the interior graphics sheet, and glue it to the floor part. Then cut out the display, fold it into an L-shape, then bond it to the floor. Also cut out window signs and apply them to the insides of the windows as desired.

When the interior detailing is complete, fit the LED clip ring into the hole in the center of the floor part, attach the spacer washer to the other side, and insert the LED (Figure 11). Finally, apply CA to the styrene strips on the cinderblock walls, and to the ends of the rod parts at the entrance, and press the floor up into the building.

FREIGHT DOOR & DETAILS.

Paint, glaze and install the freight door on the back wall. Paint and attach the gas and electric meters on the wall next to the door, where desired. Then, clip the point off of the pin, bend it into the shape of a lamp (Figure 9), and glue it in the hole over the freight door.

ROOF. The roof rests on the second floor window assemblies as well as the freight door part. Trim the roof as needed for a snug fit within the walls. Before bonding it in place, use it as a template to cut the piece of sanding film provided. This will create the effect of a gravel roof.

With the roof part in place within the building, apply a bead of CA along all edges where it meets the walls and window parts. Then glue the sanding film to the roof. Finally, bond the air conditioning unit to the roof where desired.

FLOOR AND INTERIOR. Cut two pieces of styrene rod, each 1.1 inches long. Bond them into the inside corners of the building on either side of the main entrance, as shown in Figure 10; be sure they're flush against the roof. These represent structural supports and also position the floor at the front of the building. Test-fit the floor in place, and trim as needed.

PAINTING. Since this kit is molded in color, painting is optional. You may wish to simply apply a little weathering to suggest its age. You also have the option of re-purposing the structure; it could serve as a supermarket, a political party headquarters, a YMCA, or any number of other things. It could also be modeled as an abandoned building, with boarded-up windows and graffiti; the choice is yours.



This completes the assembly of Winfield's Five & Dime. We sincerely hope you've enjoyed building it. Who are "we"? **TownBuilder System** (townbuildersystem.com) is a collaborative project brought to you by **Stonebridge Models** and **NZT Products, LLC**. Together we work to ensure this kit is of the highest possible quality and value. If you have questions or suggestions to improve our products, please do not hesitate to get in touch with us. We value your feedback!

In the event that you require replacement parts, please contact Stonebridge Models.

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