

Korber Models

Scale Model Railroad Structures

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#2005 United Transfer and Storage

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Size 27" L x 11.5"W



Introduction















O scale KIT 2005 United Transfer and Storage represents thousands of buildings that could be for business across the nation.



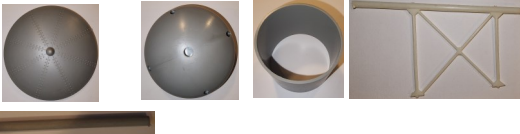



You can follow the simple, step by step instructions outlined in this document to easily assemble this great looking addition to your layout. We have covered not only the key required steps to build the building so you can get it on your layout the quickest, but have also included several optional steps to enhance the appearance. These enhancements are based on submissions from modelers just like you who have taken the Korber structures to the next level, and now by following a few extra steps you can achieve the same results.

Before you start you may want to read through the instructions to get a feel for the things you will be doing, and the basic order in which they will be done. You are on your way to adding a centerpiece to your layout, so let's get started!

Parts list & Templates – (What's in the box)

Take a few minutes to locate all the parts in the box to make sure you have all the pieces you will need and that the quantities are right. You may also want to spread these parts out so that you have a small separate stack of each part and make it easy to find each as you start the assembly process. If you are missing anything, please contact us so we can get you any of the missing items. [COLORS AND STYLE MAY CHANGE WITH PARTS](#)

Qty	Description	Qty	Description
9	1000 modular base unit FP-1 	27	1001 modular base unit 
4	O scale BLANK WALL 	18	1024 roof caps 
12	FP- 3 Cement corner parts 	3	O 3020 freight wall 
62	FP-4 Cement part for between Bases 	1	O 3014 Door,2 windows, 
19	FP-5 Cement part for base and top of completed sides 	90	O SCALE windows 
		60	Window strips 
1	O 3016 door/sideways window 	2	Double hung window 
		1	Ho freight window 

Qty	Description	Qty	Description
2	1020 chimneys 	12	1023 black roof sections (6 are for inserting 3rd floor) 
2set	Water towers (2 each) 	4	Wooden loading dock supports 
5	1028 top roof small pipes 	3	CLEAR SHEETS FOR WINDOWS small
27	Lower window brick inserts 	2	Loading dock decks (11"x1 7/8")
		2	Dock Fronts (10 3/4"x7/8")
		4	Dock Sides (7/8"x1 1/2")
		3	Dock Roofs (7 3/4"x2 1/8")
		2	Wood for dock roof 1/4" x 11"

Materials needed – (What else might I need that is not included)

The Korber Building, like any kit, requires a few additional items to complete the construction. We have included a list here, including some color and brand suggestions based on our experience. However you may use any product that fits the function. Please also note that some items are listed as options. Such that they either make assembly simpler or are needed only for optional steps

Flat paint, choice of colors, for doors, windows, trim

“Red” automotive primer spray paint to cover all molded brick surfaces such as Krylon Ruddy Brown

Antique white craft paint for cement lines

Light grey or cement color paint for cement foundation and frame

RustOleum camouflage flat spray paints work well for painting window frames, gutters and doors

Small paint brushes

Paper towels or soft cloth rags

Cyanoacrylate (CA) glue. Also known as Super Glue, Gorilla™ super glue works well

We like the new Gorilla brand super glue because it is thicker than most super glues, and allows you to put it on a seam while holding the part in your hand, and will not run when you turn the seam on the side to put two pieces together. This glue is available in most retailers, including the larger home improvements stores.

CA glue accelerator (optional) (turns any CA glue into quick set glue

Medium grit sandpaper or emery board

Testor's Dull-cote™ (optional)

Small clamps (optional)

Flat black or grimy black spray paint (optional)

1 - Parts preparation & painting

Look over all the molded parts and remove any flashing and burrs that might be left on them. Flashing is the thin pieces of the molding material that may be left in widow openings and along edges in the molded parts. This can quickly be removed with a razor type knife, a small file, or an emery board. Some may require more grooming than others. Then it is time to wash parts with soapy water to clean of residue from mold release agent. Dry completely.

The parts in the kit will need to be painted to the final colors you select, and it is much easier to do this step before you assemble them. Many modelers find a light coat of flat red auto primer spray paint gives not only a great look, but also makes it easier to add the mortar color lines to the walls later on. In a well ventilated area (outside is good) apply a coat to the inside (smooth side) of all the brick wall sections first; once dry, do the same to the other side. By painting the BACK side first you avoid any marks that might appear on the brick textured side.

Use a similar process for the window frames and doors. You may want to paint both of these types of pieces the same color to create a theme for your building.

For the Modular Main Frames, trim the burrs carefully from parts and then test fit parts to make sure they fit snugly. These can be painted a cement or stone color or match the brick color used.

Option

An optional step that adds a great deal of realism to any model of a brick building is to add the mortar lines to contrast with the red brick color. The ability to lay the wall sections on a flat surface, when done prior to assembly, makes this detail step simpler. There are several ways to do this, including use of water based paint (Antique White or Light Grey latex well diluted with water until the consistency is as thin as milk). Also some commercially available products and the use of light spackling compound to fill mortar joints. In all of these approaches the general concept is to spread the white product you are using over the brick walls, filling in the mortar line grooves in the wall section. Then removing the excess from the top of the bricks. We will walk through the water based paint method.

One simple method we have used is to dilute some water based antique white or light grey craft paint to create a milk like consistency. You want it to flow without clumps.

- Cover entire wall section with diluted white paint, letting it settle and collect in the mortar lines
- Wait a few seconds and lightly wipe off excess paint using a slightly damp paper towel or soft cloth until paint is removed from the brick surface, but not the mortar joints
- Keep flat and let dry before moving so the paint in the joints does not run
- To remove haze from brick surface, apply a thin layer of Dull-Cote and wipe gently
- It may require several applications to achieve the mortar line that you want

The good news with this option is that if you don't like it, the paint is water based, so you can get it wet, remove it, and start over.

The foundation & cement frames are intended to represent a cement structure that is exposed. It should be painted a cement or light grey color once assembled. There are other cement details that also can be highlighted with the cement color you choose.

Once dry, this area should be washed using a mix of either watered down black paint, or alcohol and India ink. The purpose of the wash is to settle the black color in the grooves/joints around the bricks and give definition. The wash should not be so dark as to overpower the cement/light grey color.

2 - Assembly of Main Frame

The injection molded frame is a 2 story frame. Either 1000, 1001

Use liquid Cement to glue parts together. First dry fit the parts in the correct configuration per diagram..

Cement FP-5 to the Mainframe FP-1. They go on the top and bottom within the notches when all the frames have been added to desired length and height of sides

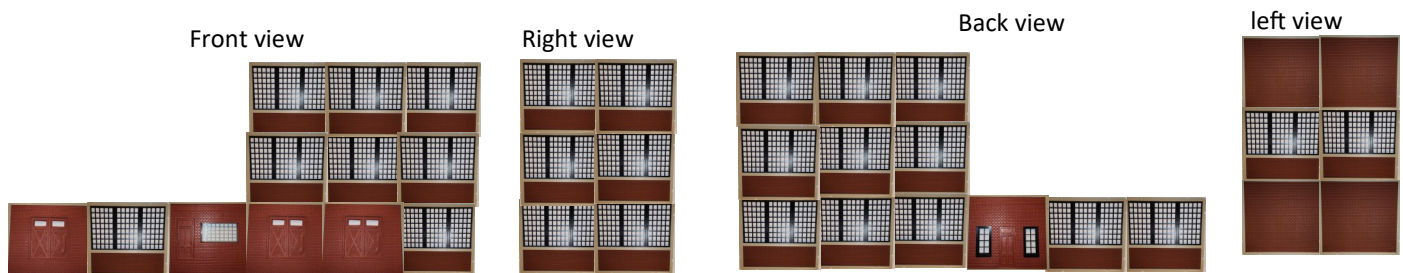
FP-4 These pieces go between the frames to connect the sides and add to the top to connect to another frame.

FP-3 This part is the corner unit that attaches the wall sections at the corner. Glue the parts together to form the desired height before attaching to the wall sections.

FP-1 This is the actual frame. It may look like this or maybe a different setup to hold assorted wall pieces.

- The parts may or may not be attached to the spur. They may be in plastic bags or wrapped with rubber bands.
- When you add the brick inserts, do so from the back of each frame.
- The windows are inserted with the flat edge on the inside of the building and a filler strip (shown in black in picture) is glued between the 2 windows from the front. You need to make sure the filler strip doesn't come past the window opening or the windows will not sit flush to frame.
- Clear plastic film can be added to the back of frame over window and door inserts.
- As you are gluing the inserts and windows parts **be very careful** that the glue used does not show on the front of the building frame. It only takes a very small amount of glue and a lot of patience.
- WHEN WALL SECTIONS ARE DONE, start to glue the front and 2 sides together first. BEFORE gluing back wall section, you may want to insert Cardboard above the bottom wall parts to simulate a floor. Add lights if wanted.

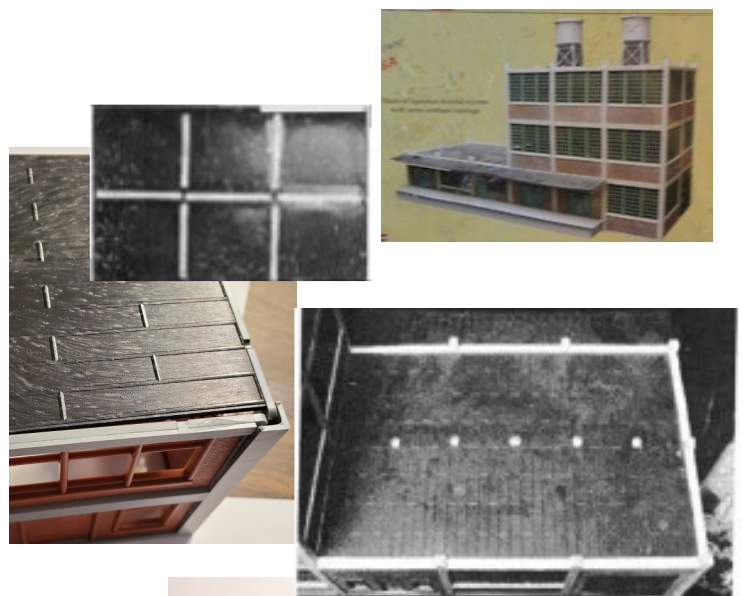
The examples below are of how the parts fit together, **NOT necessarily as your parts.**



3 - Install roof

This BUILDING has a two levels rectangular flat roof made from a black material. The intent is to glue 6 pieces together and then add supports using extra FP-5 parts. The roof sits on the top edge of the inserted wall pieces.

- Glue sparingly along the insert top edge.
- Drop in roof and press down to secure
- Once dry attach the top building coping cement piece
- Attach any smokestacks and any other accessories as required



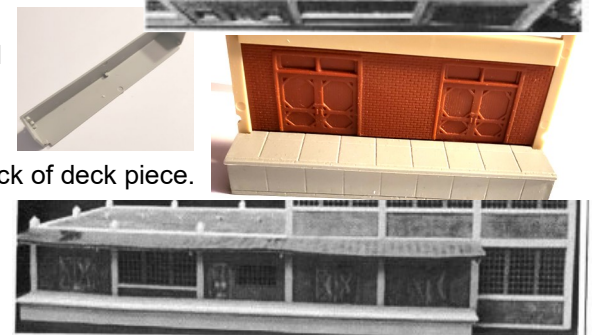
4 - Final Detailing – Weathering

If you have not already done so, cut and glue the plastic window film behind the openings.

Add the loading dock **if required**. HO dock fits between the main frame.

The loading dock base front and sides glue and fit against the nodules of back of deck piece.

O SCALE DOCKS will need notched to sit against walls. Assemble the dock first before deciding where the notches go.



Your Korber Building is now assembled and ready for placement on the layout. You may wish to provide some additional weathering before you install it as a building next to the tracks would be a heavily used structure with a layer of soot, and would rarely look brand new.

To add a weathered look:

- spray the entire model with flat black from a distance of 15" to 18". This will give a sooty look to the building.
- You can use charcoal powders or chalks. Add in window openings, along edges, in corners or on loading dock to show wear patterns.
- Add rust color on stove pipes and vents.
- Once done you can spray the completed structure with Dullcote to remove any gloss or shine.

If you choose not to detail the inside of your structure, or light it, an effective and quick way to make a good looking background building is to cover the widows with black construction paper from the inside. This creates a dark building look that is more desirable than the view in to an otherwise empty shell of a building.

WATER TOWERS

This kit like any, requires a few additional items to complete the construction. We have included suggestions; however you may use any product that fits the function. RustOleum flat spray paints work well for painting the kit, Black, Grey or White, Cyanoacrylate (CA) glue, also known as Super Glue, Gorilla™ super glue works well, CA glue accelerator (optional) (turns any CA glue into quick set glue), Testor's Dull-cote™ (optional).

Remove all parts still on a sprue with a sprue nipper or a sharp razor blade. File as needed making sure any un- wanted "nubs" are removed.

Place the tank bottom, bottom side up on your work sur- face and install the legs in the four holes in the tank bot- tom. Do not glue at this point.

Mate the cross supports up to the legs adjacent to them to create a corner joint. The cross supports have a small tab at the end of them that fits into a small hole in the adjacent leg. Glue the joints and hold together until the corner sets. Repeat for the other three corners.

Once the four corner joints of the leg assembly have dried, remove the leg assembly from the tank bottom, and apply

a drop of glue into the leg holes in the tank bottom. Re-insert the four legs into the leg holes in the tank bottom.

Once dry, stand the tank bottom on the four legs, and set the tank body on top of the tank bottom. Note the tank body has one end that is slightly larger than the other in diameter, the larger end mates to the tank bottom. Glue in place.

Next simply add the tank top to the top of the tank body, glue in to pace. The end product should look like the pho- to on the opposite page to the left.

Optionally you can glue the dowel in hole in the center of the bottom of the tank to represent the large pipe running to the tank

Spray paint the entire model (usually black, white or grey) and let dry.

Once dry you optionally can add the included American Flag sticker to the tank.

Your Korber #930 Roof Top Steel Water Tank is now as- ssembled and ready for placement on the layout. You may

wish to provide some additional weathering before you install it as a it would rarely look brand new.

To add a weathered look, spray the entire model with flat black from a distance. This will give a sooty look to the tank. Once done you can spray the completed structure with Dull-cote to remove any gloss or shine.

