



# Korber Models

Scale Model Railroad Structures

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## HO KIT 801 INTERSTATE TRANSPORT

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Size 14"L x 5"W x 4 1/4"H



### Introduction

HO KIT 801 INTERSTATE TRANSPORT represents thousands of buildings whose back could be seen along the tracks all across the nation.



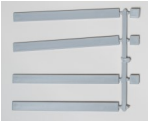


You can follow the simple, step by step instructions outlined in this document to easily assemble this great looking addition to your layout. We have covered not only the key required steps to build the building so you can get it on your layout the quickest, but have also included several optional steps 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.

Qty	Description	Qty	Description
8	1003 modular base unit FP-1	8	1005 windows and brick insert
13	CLEAR SHEETS FOR WINDOWS small	2	1008 loading dock wall / 1 window
4	FP- 3 Cement corner parts	1	1007 window wall with brick edges
4	FP-4 Cement part for between Bases	3	1010 Brick wall
16	FP-5 Cement part for base and top of completed sides	2	1011 Door, 2 windows, 1 dock door

Qty	Description	Qty	Description
2	1020 2 chimneys 	6	1023black roof sections (3 are for inserting 2nd floor) 
2	1024 cement top caps 	2	1028 2 top roof small pipes 
		2	1018 Loading Dock parts 

## 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

Rust Oleum 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 off residue from mold release agent. Dry completely.
- The parts in the kit will need to be painted to the final colors you select. **It is much easier to do this step before you assemble them.** All the wall sections come colored in a brick red. However 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

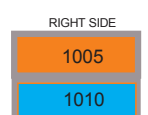
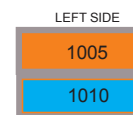
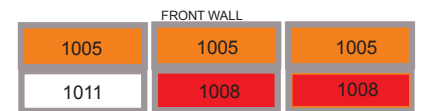
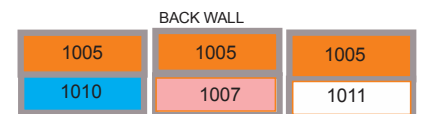
An optional step that adds a great deal of realism to any model of a brick building is to add the mortar lines to contrast with the red brick color. The ability to lay the wall sections on a flat surface, when done prior to assembly, makes this detail step simpler. There are several ways to do this, 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 part 1003 FP-1 is the frame for 2 story building. Follow these steps to build the model using liquid cement sparingly,

- First dry fit the parts in the correct configuration per diagram. When you add the brick inserts, do so from the back of each frame.
- When you have it in suitable arrangement for your layout, glue walls to frames along flange section of wall part
- As you are gluing the inserts and windows parts **be very careful** that the glue does not show on the front of the building frame. It only takes a very small amount of glue and a lot of patience.
- 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.
- Now glue FP-5's to the FP-1's by aligning the notches up along the bottom and top edges of the frames.
- Glue the FP-4's within the notches of the FP-1's as in correct side wall configuration. These pieces go between the



Front view



Back view

frames to connect the sides. Make sure you glue along the edges of the frames as the FP-4's are what hold the sides together.

- **OPTIONAL** After the side sections are dry, you can turn over and add a piece of wood, plastic or tape to the inside seams for added strength. **(The wood or plastic is not included.)**
- Before adding the corner pieces FP-3, if you have not already done so, add the window film behind the openings. Glue or use double sided tape to attach window film. You can also add blackout film or window dressing. **(Blackout film and window dressing not included.)**

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 look that is more desirable than the view in to an otherwise empty shell of a building.

- Now install the corner pieces FP-3. Attach the back wall section to the left end wall by adding glue to the FP-3. Making sure the notches align, press the sections together. Clean up any glue that seeps out along the wall edges. Hold until glue dries. Once dry, add the front wall section in same manner.
- **OPTIONAL STEP BEFORE** adding the final end wall, you can install the 3 roofing sections 1023 that are to represent the second story floor. Align the roof pieces so the long lines are horizontal to the side walls. Dry fit in place to see if trimming needs done. When ready, glue along the seams to connect them together.
- Once dry, turn roof over. Attach some black craft tape or strips of wood or plastic that won't interfere with the roof seating level inside of the frame. This is to provide extra strength. **(The black tape or strips of plastic or wood are not included in the kit.)**
- These roof sections can be left black or painted. You can add fabric to represent carpeting or print a design on paper and glue down.
- These pieces slide in between the 2 floors, sitting on the first wall section edge.
- [If you want to add interior pieces or lighting, this is the time to do so before the end wall is installed.](#)
- Time to install last end wall. Glue the corner piece first to the end wall sides. Then add glue to the corner pieces that will connect to side walls. Being careful, to have the second floor seated in place above the first floor wall, gently push the frame into position.
- Now that all sides and ends are together, it is time to add the roof. These parts sit on the second story wall pieces, within the frame.

### 3 - Install roof

- This Interstate Transport Building has a single level rectangular flat roof made from a black plastic material. The intent is to glue 3 roof pieces 1023 together on a flat surface.
- Align the roof pieces so the long lines are horizontal to the side walls. Dry fit in place to see if trimming needs done. When ready, glue along the seams to connect them together.
- Once dry, turn roof over. Attach some black craft tape or strips of wood or plastic that won't interfere with the roof seating level inside of the frame. This is to provide extra strength. **(The black tape or strips of plastic or wood are not included in the kit.)**
- Glue sparingly along the insert top edge.
- The roof sits on the top edge of the inserted wall pieces.
- Drop in roof and press down to secure
- Once dry attach the top building coping cement pieces 1024. Depending on style received. These pieces sit on the very top of the building. Align with the corner edge and glue sparingly along the frame sections top edge. Be careful glue does not seep out or inside the frame. !!!!!!!!!!!!!
- Attach any smokestacks and any other accessories as required.





## 4 - Final Detailing – Weathering

Add the loading dock if required. The dock fits between the main frame. The loading dock base front and sides glue and fit against the nodules of back of the deck piece.

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.

