

Korber Models

Scale Model Railroad Structures

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Model 127 HO Scale 74 Ft. ERA 1900 Water Tank Instructions

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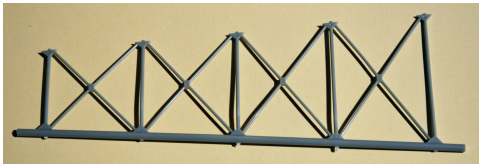
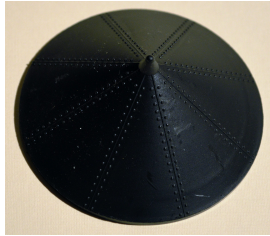

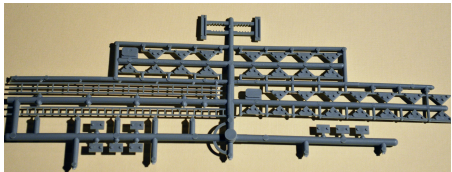
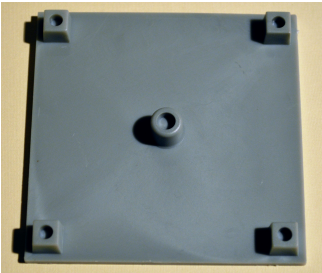

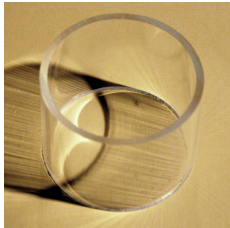
Introduction

Congratulations, you have purchased the Korber Model #127 Water Tank. This structure represents thousands of buildings that 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.

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. If you are missing anything, please contact us so we can get you any of the missing items.

Qty	Description	Qty	
4	Water Tank Supports 	1	Top Tank 
1	Bottom Tank 	4	Gusset and support parts 
1	Base Plate 	1	Water Pipe 
1	Tank Middle 		

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

The Korber 127 Water Tank, 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,
- Styrene Plastic Cement
- Light grey or cement color paint for cement foundation
- tweezers for the small parts
- spur cutters to remove parts as needed
- Small paint brushes
- Paper towels or soft cloth rags
- Medium grit sandpaper or emery board
- Testor's Dull-cote™ (optional)
- Small clamps (optional)

1 - Parts preparation & painting

Look over all the molded parts and remove any flashing that might be left on them. Flashing is the thin pieces of the molding material that may be left along edges in the molded parts. This can quickly be removed with a razor type knife, a small file, or an emery board.

The parts in the kit can be assembled in the color they come in or optionally you can paint them to the final colors you select, it is much easier to do this step before you assemble them.

Before you begin building, familiarize yourself with all the parts, Use the drawing of the complete sprue as part location reference when building this model. Parts consist of right and left detailed parts with rivets. Cut the parts with sharp knife as needed.

Korber Models recommends a good quality styrene plastic glue like Testers liquid Cement number 3502 for construction as it will produce the cleanest, quickest and strongest glue joints. Apply small amount of cement using a double 00 brush to surface to be joined while holding parts in place.

DRAWING NUMBER 2

Remove all four main support structures from sprue. Clean off sprue joints with emery board. Lay face down with holes on right side - this presents the inside of water tank supports.

1. Remove part **X** from sprue and glue in place.
2. Remove **S-L** triangular and glue in place, this part is only used on all left sides of inside tank supports.
3. Remove **R** triangular and glue in place and repeat same on remaining supports.
4. Turn up-right all support structures and glue part **X's** in place. Then glue **Left** gussets in place. (much less possibility of damage to assemblies if done this way. **Remember to not mix up left and right gussets.**)
5. Glue the four support structures together at this point, but do not glue to base at this time.
6. Now glue the **Right** gussets in place.
7. Then glue structural supports to base.
8. Put in place center piper and do not glue yet. Line up hole for pipe in bottom tank before gluing to support rods.
9. Remove and clean two hand rails, glue together and let dry. Do not bend rail before glue is dry. Apply glue into groove of tank top small sections at a time. Insert hand rail and continue throughout where hand rails meet. Apply glue and use paper clip to keep both parts together firmly. Remove paper clip where dry.
10. Glue tank top to bottom then to supports now.
11. Cut ladder brackets per picture and place on ladder, smallest on bottom, largest on top. Spaced the brackets evenly. Make sure before gluing to ladder, Slots are facing down.
12. Now glue to supports .
13. **Congratulations!** You have finished this Korber Model water tank

Drawing 2

Railing and Ladder

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