



Korber Models

Scale Model Railroad Structures

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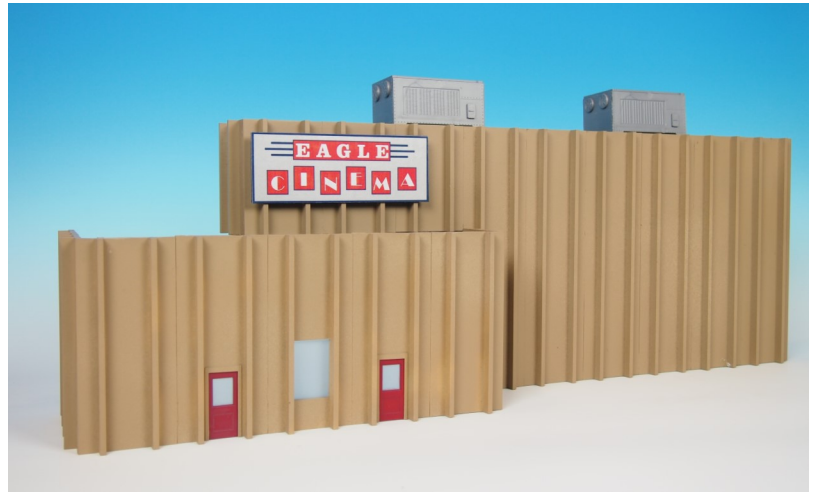
Model TT2306 O Scale Eagle Cinema Instructions

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Introduction










Congratulations, you have purchased the Korber Models #TT2306 Eagle Cinema. 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.


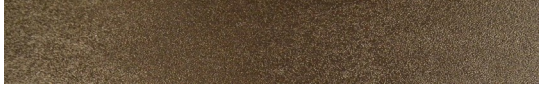



Before you start you may want to read through the instructions to get a feel for the things you will be doing, and the basic order in which they will be done. You are on your way to adding a great piece to your layout, so let's get started!



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	
7	TT460 - 8" - (32 scale ft) Blank Wall 	3	TT250- 5" - (20 scale ft) Wall w/window opening 
3	TT450 - 5" - (20 scale ft) Blank Wall 	2	TT350 - 5" - (20 scale ft) Wall w/ door opening 
3	TT470 - 3" - (12.5 scale ft) Blank Wall 	1	TT271 - 3" - (12.5 scale ft) Wall w/vertical window opening 
2	Injection Molded Entry Door 	1	Injection Molded 6 pane window (5/8 x7/8) 
3	Injection Molded 9 pane window (1-1/2 x15/16) 	1	Sheet of clear plastic "Window Glass"

Qty	Description	Qty	Description
2	Roof material 9-11/16" x 2-1/8" 	1	Roof material 10-5/8" x 4-1/4" 
2	D806 - Air Conditioner 	4	12" - 1/4" x 1/4" wall brace material 
1	12" - 3/8" x 3/8" lower roof filler material 		

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

The Korber TT2306 Eagle Cinema, 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
- Light grey or cement color paint for walls
- RustOleum camouflage flat spray paints work well for painting the structure, window frames, and doors
- Paper towels or soft cloth rags
- 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 (optional))
- 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

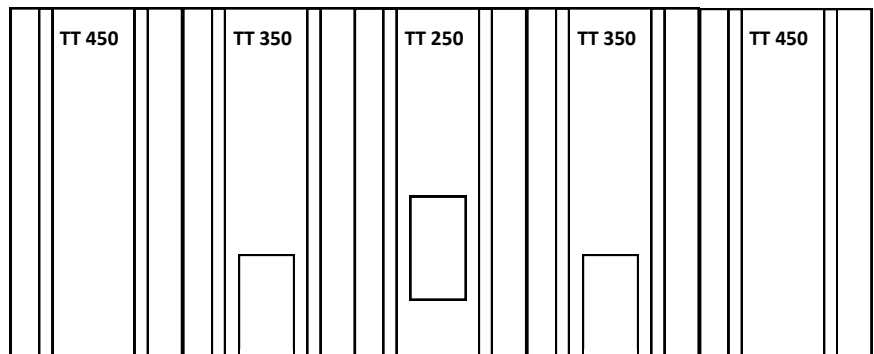
Look over all the molded parts and remove any flashing that might be left on them. Flashing is the thin pieces of the molding material that may be left in widow openings and along edges in the molded parts. This can quickly be removed with a razor type knife, a small file, or an emery board.

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 completely assemble them. The windows and doors come colored in gray, however you may want to apply a light coat of flat paint in the color of your choice, RustOleum Camouflage spray paints give a great look. Paint in a well ventilated area (outside is good).

2 - Assembly of Walls

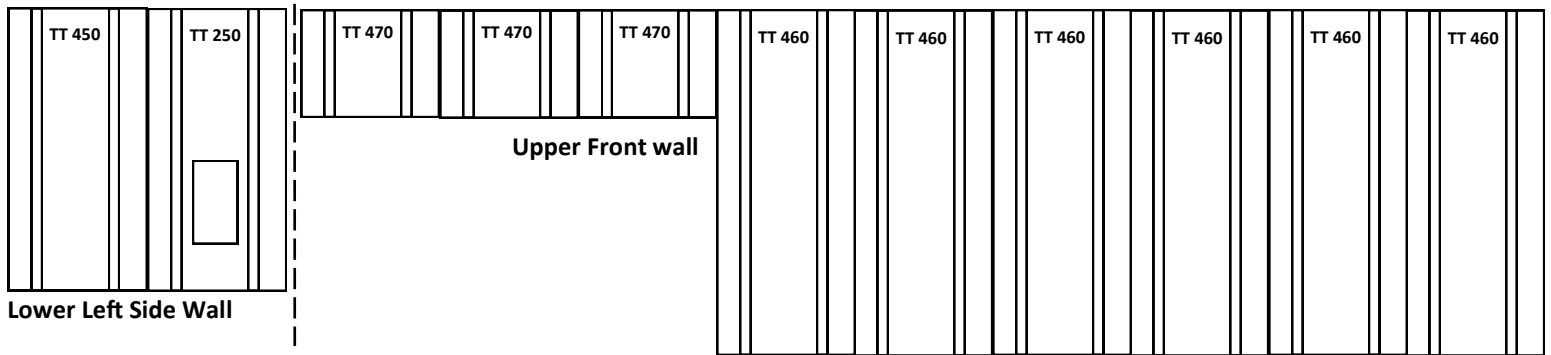
In this step we will assemble the three main wall sections of the structure prior to final assembly of the building. The assembly of the walls of the structure is based on gluing together several modular sections to make a continuous front wall. Below is a front view drawing of the relationship of the modular wall sections use to make the lower front wall.

- Some sanding may be necessary. Rough up edges only where you need to glue
- Glue two sections together aligning them on a flat surface face up and let dry
- Repeat the last step but using the remaining modular wall sections to create a continuous front wall
- Optionally use clamps as necessary to hold pieces together
- Optionally you may want to use a brace across the back of several modules for added strength



- Repeat the above steps for the next two walls using the diagrams on the next page as a guide

All the wall sections come colored in a cement gray, however many modelers find a light coat of flat cement color or RustOleum Camouflage Khaki spray paint gives not only a great look, but also makes it easier to add weathering to the walls later on. In a well ventilated area (outside is good) apply a coat to the wall sections. Let the paint dry before moving to the next step



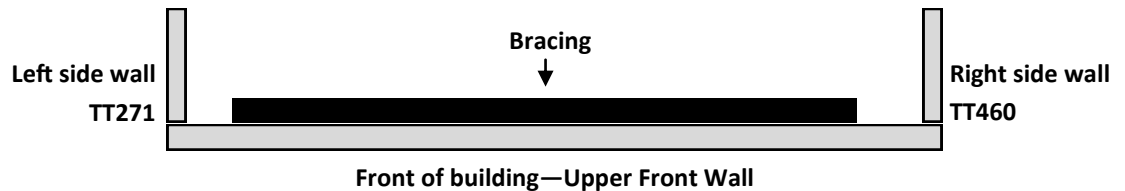
3 - Assemble & Install windows & doors

The windows & doors are made from injection molded plastic and will have a clear plastic sheet stock applied over the opening from the inside of the model to form a finished window. Note you may optionally want to simulate large plate glass windows by leaving the window frames out of the openings, and simply cover them with the clear window glass as instructed below.

- Carefully remove any flashing from the window & door frames
- If the window & door frames have not been painted, and if you would like to do so, paint them now and let them dry before moving to the next step
- Place the walls to which you want to add windows or door detailed (outside) side down on a flat surface
- The windows & doors are designed to insert in the opening from the back, or inside of the building
- Apply a small amount of glue around the edge of the frame and insert in the openings on the wall pieces
- Let the glued windows & doors dry before moving the wall sections to a vertical position to avoid glue running or the windows falling out
- Prepare to cut and glue small pieces of window material over the back of each window. Consider the following two window detailing option for the windows:
- If you want the window panes to have a hazed affect, lightly sand the window material until you've achieved desired haze affect prior to cutting into small window pieces
- You may also detail the windows with shades by covering the top portion of the window material with masking tape
- Cut window materials to fit over the back of each window & door – glue in place

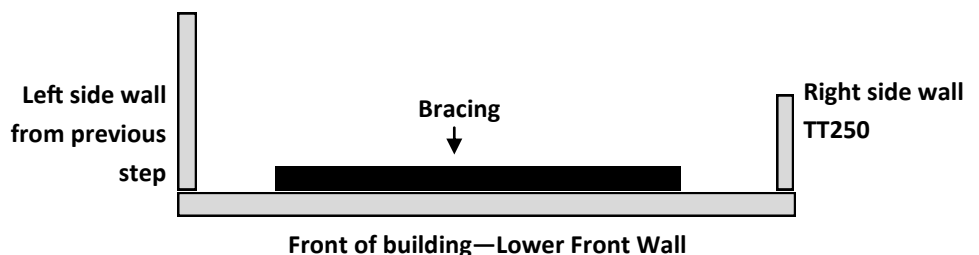
4 - Assembly of Main Structure

The assembly of the main structure is based on making two simple “U” shaped structure when viewed from the top, and then connecting them. The upper or taller section has three walls, the front (made in a previous step) , and two side walls—TT271 on the left (small window), and TT460(Blank) on the right. Below is a top view drawing of the relationship of the wall sections.



Placement of walls

- Some sanding may be necessary. Rough up edges only where you need to glue
- Take one sidewall and the front wall and line them up to make a right angle. The use of a small square is helpful. The front wall should overlay the edge of the side wall . Dry fit the walls to ensure a smooth seam is made. You will note the walls have small tabs in the back of the wall to assist in alignment, you may need to trim flashing material from the alignment tabs on the back. Glue the two wall sections together.
- Repeat the last step but using the remaining side wall and the front wall.
- Optionally use clamps as necessary to hold pieces together.
- Repeat the above steps to create the lower level using the diagram to the right as a guide



5 - Install roof

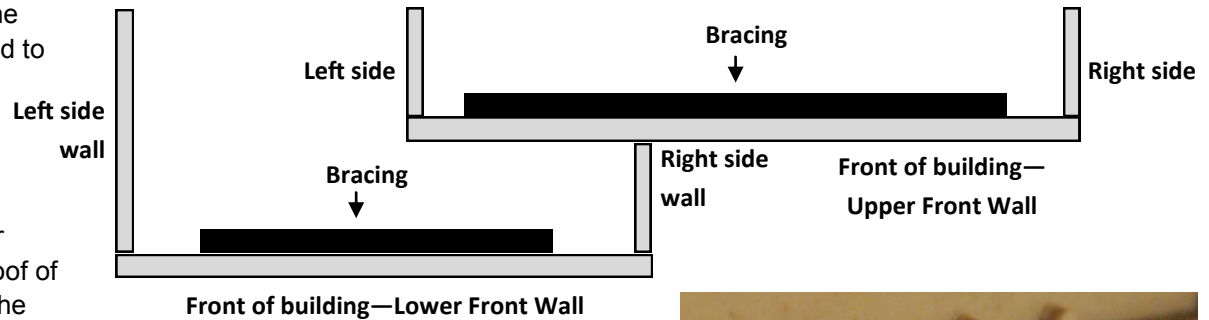
The #TT2306 Eagle Cinema has a two rectangular flat roofs made from a black material. The intent is to glue these pieces to the molded cleats which are about 1/4" below the top of the wall sections of the building.

- The upper roof is made from two black roof material parts measuring 9-11/16" x 2-1/8" is designed fit inside the three walls and rest on the molded cleats in the side walls. Glue or tape (on the underside) the two sections together along the 2-1/8" end to make one continuous roof 19-3/8" x 2-1/8". You can glue in this place. You may want to paint the upper inside section of the walls black to match the roof material.
- The lower roof is one part 10-5/8" x 4-1/4". You can glue in this place similar to the last step.

6 - Join the two levels

To complete the structure, the two three sides sections need to be joined together to form a complete building.

- Dry fit the sections together, the short upper walls should cover the roof of the lower section. Use the diagram to the right as a guide.



- Once you are satisfied with the fit, glue together and let dry.
- Dry fit the lower roof filler material inside the structure between the lower roof and the inside wall of the rear or upper structure section. See photo to the right. Cut to fit as needed and paint black before gluing in place.



7 - Build Rooftop Air Conditioning Units

The roof top Air Conditioner units consists of six parts, four walls, a top and a bottom, all of which may be attached to the same sprue.

- Trim flash or sprue from the pieces to create the six parts, two end walls, two side walls, a top (larger) and a bottom.
- The parts come molded in a silver color, and do not need to be painted.
- Glue together the four sides to make a rectangle with two ends (shorter) opposite each other and two sides (longer) opposite each other. Use a small square if needed to make a right angle joint.
- Once the side sections are dry, glue the bottom section to the underside of the assembly between the legs.
- Once the bottom sections is dry, glue the roof section to the top to enclose the structure
- The final product should look like the photo to the right.
- Repeat the above steps for the second unit, when done, place on the roof and glue in place
- You can optionally add the printed sign on the following page to the structure, by first cutting it out and mounting to mat board or similar material for stiffness, and glue to the building.



8 - Final Detailing – Weathering

Your Korber Models #TT2306 Eagle Cinema is now assembled and ready for placement on the layout. You may wish to provide some additional weathering before you install it .

To add a weathered look, spray the entire model with flat black from a distance. This will give a sooty look to the building. 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.

