

Model Building Techniques

Kibri 9786 and Faller B-980

Built by: Jim Landers

Kibri 9786 – Heidelberg Spanplatte GmbH

- Particle Board Manufacturing Plant
- Kit was partially constructed to plan and incorporated significant scratch built additions
- I'll walk you thru my steps to construct the building in the following slides



Initial Steps

- Research to learn more about the industry/building
- Prepare kit for painting and assembly
- Painting techniques
- Assembly techniques
- Adding exterior scenery



Back of Building

- Building name as inspired by the name of the source of the wood on the palette
- Used new technique for staining oil tank
- Track will be placed under crane
- Bricks washed with gray mortar color



First Floor

- Interior components are scratch built and based on information learned via research
- Entire interior is scratch built and unique
- Industrial colors used



Second Floor

- Entirely Scratch built
- Idea to use a grate for entire floor was inspired by the acquisition of the two figures on a smaller grating.
- Tubing was purchased in Japan and uses an inserted wire (hidden) to maintain shape
- I made this visible by making the roof removeable





Faller Iron Works

Ho Scale Kit B-980





Front of building

- Faller Exclusive Kit from 1980's
- Controls in foreground (temp location) operate 4 functions
 - Gondola
 - Lights
 - Smoke machine in chimney
 - Welding light (simulator) in furnace room
- 4 coats of paint on the building
- Steel rings on Chimney were made of card stock to cover seams



Side of Building

- Operating Gondola between buildings
- Roofs are removeable to allow access to motor and light bulbs
- Lots of small details...parts in open crate, newspaper on desk in guard shack
- Walls painted in mustard yellow and washed with a red called "sweetheart blush"

Back of Building





Painting

First – wash with warm soapy water, rinse, dry.
Removes film leftover from manufacturing process

- Spray paint enamel base coat (flat) on all plastic parts
- You can then use water based paints on top of enamel base
- Many advantages of using acrylics
 - Availability, cost, color selection, etc.
- Multiple coats required in order to get desired effects
- Paint parts before you glue them in place
- You can always touch up afterward



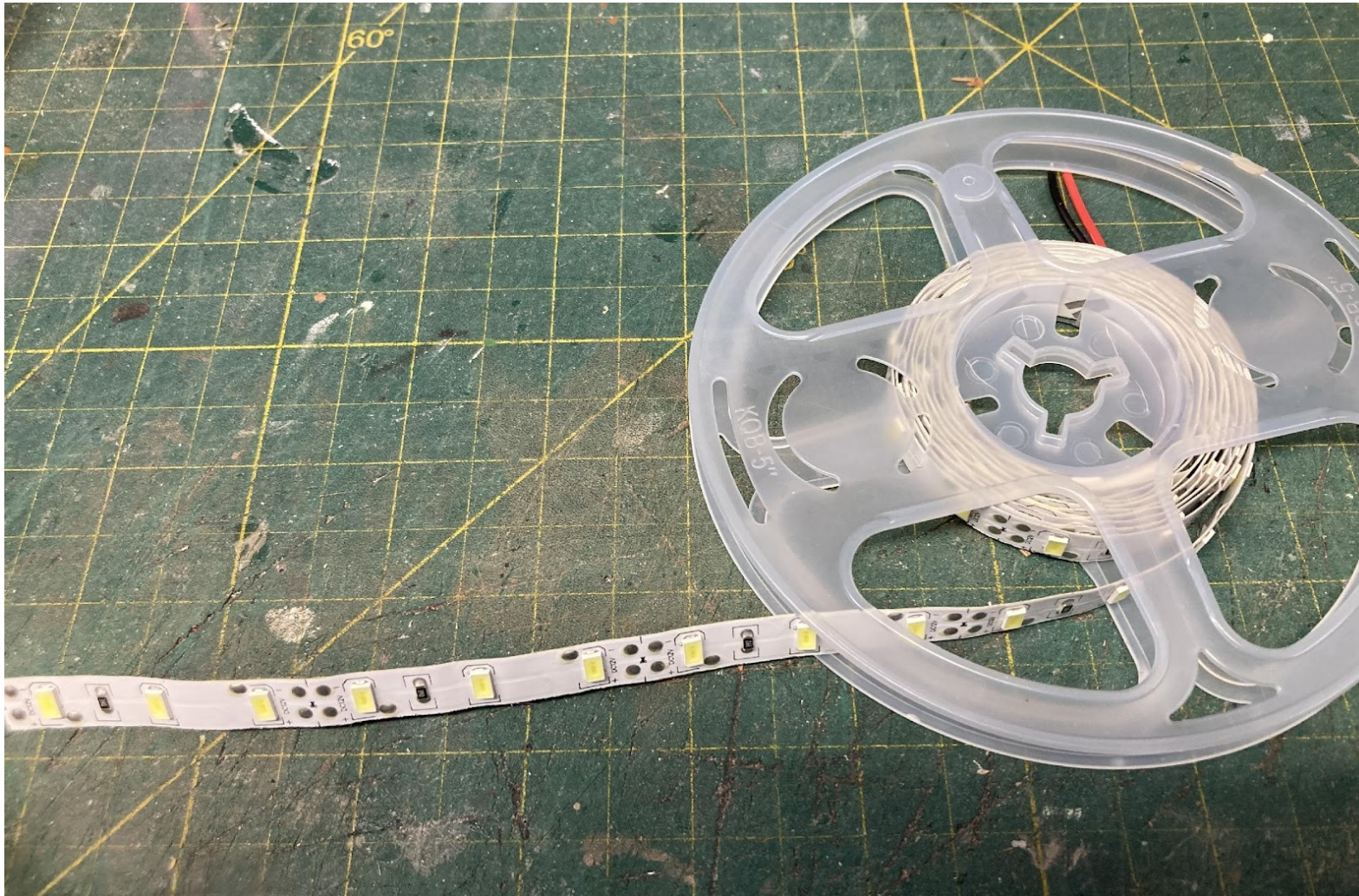
Bits and Pieces

At train shows, look for small detailed parts that can be used when you build structures

Many parts were acquired with no intended purpose at time of purchase

Don't throw away extra parts/pieces

Lighting



- Led lights sold in bulk
 - online sources / ebay
- Soldering points on each section of 3 lights
- must use a power source with 12 Volts or less. DC transformers are widely available and inexpensive
- Back of the strips are adhesive



Glue / Adhesives

E6000 glue has multiple applications, good for ceramics, wood, etc.

- Available in hardware stores
- Is flexible and accepts paint

When bonding two plastic pieces together, you must first remove paint from surfaces where you intend to apply glue

Smaller tipped applicator is better for gluing plastic parts together...use this first.

Use E6000 if gluing other materials... wood, metal, etc.

My Home Layout



Thank You!

Questions?