

**RESIN CAR WORKS**  
**RCW**  
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*Freight Cars of Every Description*

## **Round Corrugated Metal Grain Storage Bins**



### **Introduction**

Thank you for your interest in Resin Car Works and this offering. Resin Car Works is not a business in the traditional sense. Its purpose is to share in the fun of prototype railroad freight car modeling and their operations with others. We try to provide unique and different equipment that isn't readily available. Several friends assist with various production phases, so it's not quite a one-man operation. To list a few who helped with production, I would like to thank: Chet French for providing the basic pattern components; Tom Madden for his gorgeous castings; Ken Soroos for creating the instructions and labels; Bill Darnaby for painting, finishing, and providing the model photos; and Eric Hansmann, the keeper of the website and blog.

### **Warranty**

All sales are final. There will be no exchanges or returns. Resin Car Works will replace any part(s) found to be defective due to manufacturing or shipping to the original purchaser within the first 30 days after shipment. The damaged part(s) must be sent back with your request for replacement. As these are limited production kits, don't ask for replacement of parts that you damage or lose after the 30 day period.

### **Liability**

Resin Car Works will not be responsible or held liable for any and all personal injury and/or health problems, short and/or long term that may result from the use and/or misuse of tools, adhesives, materials, castings, paints or any other product(s) used to construct and/or contained in this kit. This kit contains polyurethane castings. Although non-toxic in its cured state, dust is created during filing, sanding and drilling. Air circulation and/or ventilation should be provided. Always work in a well-ventilated room. Wear a dust mask or respirator and safety glasses for protection. Always wash your hands when you're finished working.

### **History**

Throughout history it has been recognized that there is value in storing grain in good years to guard against lean ones. In the late 1930s, President Franklin D. Roosevelt gave his Secretary of Agriculture, Henry Wallace, the job of devising just such a program— saving grain from good years for poor ones. Besides grain storage, the main goal of this program was to stabilize grain prices to varying crop yields between yearly productions. This was called the "Ever-Normal Granary Program."

The first such grain storage bins were rectangular wooden structures, but corrugated metal bins started to appear on farms in the mid-1930s. These round metal bins became more and more common as farmers started using picker-shellers instead of storing cob corn in cribs. Crop yields increased throughout the 1930s, with 1938 being a bumper year. It was anticipated that 1939 yields would be even greater. With the nation's grain storage capacity at its maximum, the U. S. Department of Agriculture (USDA) announced in July 1939 that it was accepting bids on 30,666 steel storage bins. The bins were offered to farmers as a means to control grain prices. With yields increasing, the USDA bid out additional bins throughout the 1940s. As such, hundreds of thousands of grain bins were produced in the late 30s and throughout the 40s. The round metal grain storage bin became a part of the American farm scene, parked beside elevators, in farm fields, and along the edges of fields—a part of the heartland you only miss if it isn't there.

### **Construction**

This kit represents a typical government corrugated metal grain storage bin of the late 1930s through the 1940s. It's 16' in diameter and roughly 18' high. Our offering really isn't a kit at all. The bins are fully assembled. There are no other parts. All that is required is painting, weathering and installing on the layout.

Always as a first step, it's recommended that the castings be washed in warm water with Dawn dish soap. A good color to represent galvanized corrugated metal is a mixture of half white and half aluminum. I use Testor's Model Master Enamel paints, but your paint of preference will work just as well.

