

Product Case History

Location:

Texarkana, TX

Market:

OEM

Substrate:

Steel

Surface Prep:

Clean & Dry

Exposure:

Water Immersion - salt water or wastewater

Ledwell & Sons Road Construction Water Tanks

Area Coated: Exterior Coating

First Coat: Carbothane 8812Second Coat: Carboguard 561

Project Description:

Ledwell wanted a coating system that dried faster better durability, and improved gloss retention. They also desired a more environmentally friendly coating for the interior application. Ledwell provided a low number of potable water tanks and was having difficulty applying the wrong coating to the wrong tank.

Additional Information:

Product Advantages: Introduced Carbothane 8812 DTM urethane to speed production and answer durability/gloss retention issues. Also introduced Carboguard 561 for the interior liner. The main advantages include: NSF approved

one coating for all tanks potable or not better light reflection compared to black

The change also answered environmental issues and concerns. Two years later, Ledwell wanted to leak test tanks in less than 5-7 days. Carboline provided trial materials of Polybrid 705 for interior service. This was an immediate hit due to the even better light reflection, able to fill skip welds with high build material, and 1-2 hours before leak test vs 5-7 days. We were also able to dramatically speed surface prep with the introduction of iron phosphate prep vs standard abrasive blast cleaning.







