



# PROJECT PROFILE

## Featured Products

Series 135 Chembuild

Series 740 UVX



The exterior of the 500,000-Gallon Elevated Water Tank in Perry, GA was coated with Series 740 UVX because of its low-VOC content and exterior weathering properties.

## 500,000-Gallon Elevated Water Tank

Changing weather conditions can make any exterior coating project turn nasty, which is why the contractor for a 500,000-gallon elevated water tank serving the City of Perry appreciated the user-friendly qualities of a new, advanced technology polyurethane topcoat from Tnemec Company. "It was a three-day application and the weather conditions changed drastically from the first day to the third," recalled Tnemec coating consultant Dean Drehoff. "The first day started out very sunny and dry, but by the third day the temperature had dropped 20 degrees and the humidity had climbed. From the applicator's standpoint, the new coating performed very well under all the environmental conditions they were faced with on that job."

The exterior recoat was initiated under a service agreement with Utility Service Company, the nation's leading water tank maintenance provider which has its headquarters located just three miles from the tank. The project called for the existing coating system to be cleaned with bleach and pressure-washed at 3,500 psi, then spot-primed with Series 135 Chembuild, a modified polyamidoamine epoxy with superior wetting for marginally prepared rusty steel and tightly adhering old coatings.

The tank then received an overcoat of Series 740 UVX, a new polyurethane that combines less than 100 grams/liter volatile organic compound (VOC) content with superior color and gloss retention. Series 740 provides a hard, durable film that stands up to abrasion and exterior weathering and provides protection from ultraviolet (UV) light. "The coating contractor wanted to try the new low-VOC aliphatic urethane," Drehoff explained. "They had positive feedback, mentioning that it rolled out nicely, covered well, cured quickly and had a hard finish."

Approximately 70 gallons of Series 740 UVX in white and blue colors were applied. "It has excellent gloss retention and the contractor just raved about it," Drehoff noted.

The City of Perry provides water, sewer and refuse services to more than 3,370 water customers.

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<b>Project Name</b> 500,000-Gallon Elevated Water Tank	<b>Project Completion Date</b> October 2007	<b>Field Applicator</b> Utility Service Company, Inc., Perry, GA
<b>Project Location</b> Perry, GA	<b>Owner &amp; Engineer</b> City of Perry, GA	