



VILLAGE OF CANTON WATER TANK

FEATURED PRODUCTS

Series 90-97 Tneme-Zinc
Series 701 HydroFlon

Series 91-H₂O Hydro-Zinc
Series 1075 Endura-Shield II

Series N140 Pota-Pox Plus

Tnemec's HydroFlon is quickly becoming the coating of choice for water tanks throughout the country. The performance of HydroFlon has certainly satisfied engineering firm Burley-Guminiak & Associates, who did not hesitate in specifying the coating when plans were made for the repaint of the water storage tank on the SUNY-Canton campus in Canton, New York.

The interior lining system specified for the 500,000 gallon welded steel tank included Series 91-H₂O Hydro-Zinc, a two-component, moisture-cured, aromatic zinc-rich urethane primer spray-applied over steel prepared in accordance with SSPC-SP10 *Near-White Blast Cleaning*. Two coats of Series N140 Pota-Pox Plus, a potable water polyamidoamine epoxy coating offering high-build edge protection and application at a wide range of temperatures, were spray-applied as the interior system's topcoat.

Following abrasive blasting in accordance with SSPC-SP6 *Commercial Blast Cleaning*, the exterior of the tank was primed with Series 90-97 Tneme-Zinc, a moisture-cured, aromatic zinc-rich urethane primer. An intermediate coat of Series 1075 Endura-Shield II, an aliphatic polyurethane coating highly resistant to abrasion and exterior weathering, was then brush- and roller-applied.

A brush- and roller-applied topcoat of Series 701 HydroFlon completed the exterior of the water tank. Series 701 is a semi-gloss fluorourethane exterior finish specially designed for tanks and other exposed steel substrates, and provides excellent resistance to ultra-violet light degradation and unprecedented long-term gloss and color retention.

"We are expecting the coating systems used on the Canton water tank to hold up for a very long time without any need for maintenance," said Tnemec coating consultant Carl Bye. "The systems perform so well that everyone's job is made easier."

PROJECT INFORMATION

Project Location

Canton, New York

Project Completion Date

September 2005

Owner

Village of Canton

Engineer

Burley-Guminiak & Associates
Canton, New York

Field Applicator

Global Contracting
Orchard Park, New York



Series 701 HydroFlon, a semi-gloss fluorourethane finish coat, protects the exterior of the water storage tank on the SUNY-Canton campus in Canton, NY.