Product Case History

PROJECT DESCRIPTION:
This was the second of 2 tanks with the City of North Lauderdale, FL. The initial tank was completed in 2012 with the same systems on the interior and exterior and are performing to the expectations of the owner. When the second accelerator tank came out for bid, Carboline was the coatings of choice for the application based on the performance value of the systems used on the first tank.

The interior and exterior of the tank was blast to bare metal in accordance with the appropriate NACE/SSPC surface preparation standard for the intended service environment.

COATING SELECTION EXPLANATION:
The interior of the tank was specified in accordance with AWWA Interior Coating System 2 (ICS-2) using a prime coat, stripe coat on the welds and sharp edges and finish coat of Carboguard 61 at a recommended DFT of 8.0-12.0 on the plates and 11.0-15.0 mils DFT on the welds. Maximum DFT in accordance with NSF Certifications = 20.0 mils for this system.

The exterior of the tank was specified in accordance with AWWA Outside Coating System 5 (OCS-5) using a prime and intermediate coat of Carboguard 61 and a finish coat of Carbothane 133LH at a recommended DFT of 11.0-15.0 mils.

Accelerator Tank

LOCATION: North Lauderdale, FL, United States
DATE OF APPLICATION: September 2014
MARKET: Water & Wastewater
TYPE: Rehabilitation
OWNER: City of North Lauderdale, FL
PROJECT SIZE: 32,500 Square Feet
AREA COATED: Tank Exterior
  SUBSTRATE: Ferrous Metal (Carbon Steel)
  EXPOSURE: Exterior Weathering - moderate industrial exposure - chemical environment
  SURFACE PREP: SSPC-SP 6 (Commercial Blast)
  PRODUCTS: Carboguard 61, Carbothane 133 LH

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Accelerator Tank

**AREA COATED:** Tank Lining

**SUBSTRATE:** Ferrous Metal (Carbon Steel)

**EXPOSURE:** Water Immersion - potable water

**SURFACE PREP:** SSPC-SP 10 [Near White Blast]

**PRODUCTS:** Carboguard 61
Accelerator Tank

ADDITIONAL PHOTOS: