



Project Data

Location	Albany, New York
Est. Completion	2016
Project Type	Tank Rehabilitation Coating
Products / Systems Used	Archco 400 / Archco 476F
Contractor or Applied By	Maintenance Personnel

Project Details

A large pipeline company wanted a system that would allow them keep their existing floor for another 10 to 20 years instead of replacing it. It was decided to sweep -blast the existing lining and apply rehabilitation coat, instead of removing it.

The 400/476F was recommended for this project for this reason. The 400 primer/sealer bites into the swept blasted existing coating, creating an excellent bond to anchor the 476F. The 476F was then applied over the 400 primer at 30 to 35 mils dft in one coat. The 476F sprays and builds very well creating an epoxy reinforced glass barrier system. The 476F is an epoxy phenolic epoxy that is very chemical resistant, has good heat resistance and has good abrasion resistance. After the lining was cured, adhesion tests were performed to check the mechanical and chemical bond to the existing substrate. The readings were anywhere from 2300 psi to 2800 psi. The owners can expect the lining service life to meet their needs.

Benefits

- Good Heat and Chemical Resistance
- Excellent Adhesion to Marginal Substrates
- Able to Fill Into Heavy Pitted Surfaces
- 30 to 50 mils DFT in One Coat
- Can be Sprayed with a Single Leg Pump.



Pipeline storage company, 220' fuel oil tank, outside Albany, New York, on the Hudson River.



Adhesion test, 2500 psi to 2800 psi



System 400 primer @ 4 to 5 mils dft, 30 to 35 mils dft of 476F single leg.

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