



### Project Data

Location	South Texas
Completed	2016
Project Type	Tank Lining
Products / Systems Used	Archco 400/453HT
Contractor or Applied By	BROCK

### Project Details

On a recent tank project in South Texas at a major refinery, the 400/453HT was selected as the coating of choice for this tank application. The tank holds refinery process water that contains high levels of H<sub>2</sub>S.

The 400/453HT was selected because system has low water permeation and vapor transmission and the 453HT has excellent chemical resistance to H<sub>2</sub>S.

The application called for a NACE 2 / SSPC-SP10 near white metal blast with an anchor profile of 3 to 5 mils dft. The Archco 400 was applied at an average of 5 mils dft, with the Archco 453HT at 25 to 30 mils dft. The total system was 30 to 35 mils DFT. The tank was 100% holiday tested to insure that it was pin-hole free prior to putting back in service.

### Benefits

- High Build (up to 60 mils DFT)
- Excellent resistance to H<sub>2</sub>S
- Low permeability
- Excellent temperature resistance up to 325°F
- Excellent chemical resistance



Archco 400 Primer applied to tank substrate.



Archco 453HT applied to the tank roof at 30 mils DFT average.



Holiday testing the Archco 453HT coating and confirming it was pin-hole free.

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