



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.

Date Published: Aug. 2016

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 H₂S.

The 400/453HT was selected because system has low water permeation and vapor transmission and the 453HT has excellent chemical resistance to H₂S.

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 H₂S
- Low permeability
- Excellent temperature resistance up to 325°F
- Excellent chemical resistance