



CASE STUDY

LOWER COLORADO RIVER AUTHORITY

Tank Protection



Denso Hi-Tack Tape and Primer applied to sweating ammonia tanks.

Project Data

Location	Bastrop, TX
Completion	2008
Project Type	Ammonia Tank Protection
Products Used	Hi-Tack Tape / Denso Paste
Contractor or Applied By	Blastech

Project Details

The Lower Colorado River Authority or LCRA is a nonprofit public utility that was formed in 1934 by the Texas Legislature. LCRA's mission is to protect people, property and the environment by providing public services for more than one million people in Central and Southeast Texas.

These services include electric and water supplies, flood management, water and wastewater utilities, public parks along the Highland Lakes and lower Colorado River, and community and economic development services to rural and suburban communities. Many of the LCRA facilities have pipe, tanks and various steel structures that operate in a highly corrosive environment. Corrosion protection for 2 large ammonia tanks (10 ft. tall x 40 ft. long) at their Bastrop facility had been a continual battle due to constant sweating. After many years of painting the tanks (every 3 to 5 years), the LCRA engineers selected the Denso Hi-Tack Tape coating for long-term corrosion protection. The scope of the work included hand tool cleaning the surface, application of a thin layer of Denso Hi-Tack Primer and a double layer of Denso Hi-Tack Tape to the tanks and steel support columns. The total surface area protected was approx. 3,100 square feet.

The contractor completed the project in 4 days and the LCRA personnel were very pleased with the results. The large steel tanks will now receive many more years of long-term corrosion prevention.

Benefits

- Applied to Marginally Prepared Surface
- Resistant to Acids, Alkalis, Salts etc.
- UV Resistant
- High Conformability with Strong Adhesion
- Long Term Corrosion Control

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