

# ChemLine® Provides Sulphuric Acid Tank Storage Service for Chemical Company in Columbia

**ChemLINE®**  
CASE STUDY



*Monómeros Colombo Venezolanos' facility in Barranquilla, located on the north coast of Colombia.*

Several tanks at this tank terminal storage facility in Barranquilla, located on the north coast of Colombia, required special tank lining protection to handle corrosive Sulphuric Acid.

## High Purity and Corrosion Protection Needed

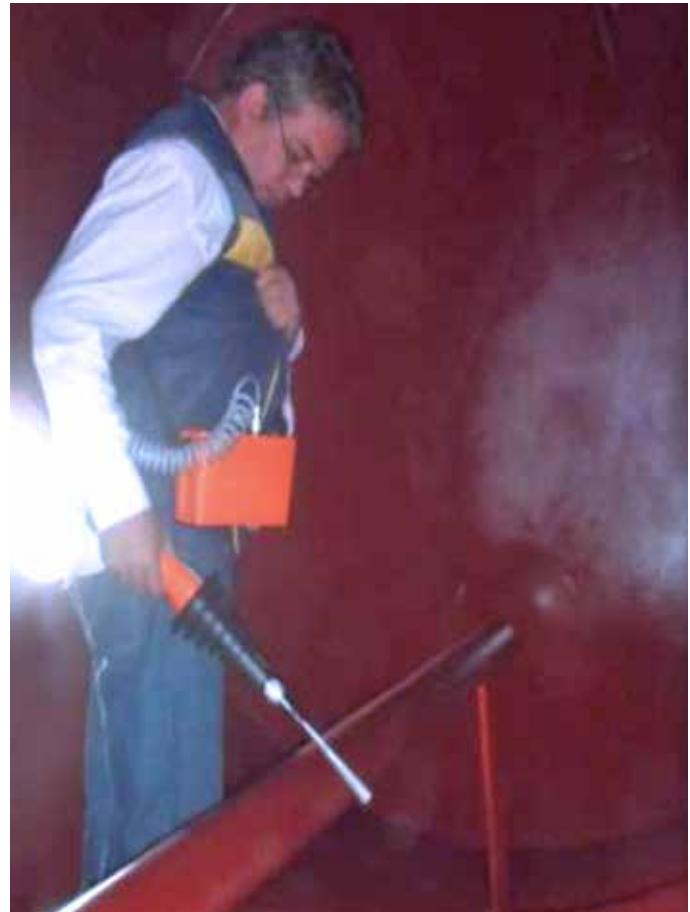
The company, Monómeros Colombo Venezolanos, a subsidiary of Pequiven, requested a lining that could provide high purity storage and also corrosion protection of the tanks. The ChemLine® 784/32 coating system from Advanced Polymer Coatings was specified to meet these demanding requirements.

The carbon steel tank measurements are 3.68 meters high and 2.84 meters in diameter, with a total surface area of 45 square meters. A tank holds Sulphuric Acid with concentration of 98.5% at an average temperature 40°C (104°F), and operates at peak temperature of 80°C (176°F).

Monómeros Colombo Venezolanos specified ChemLine® 784/32 from Advanced Polymer Coatings after seeing the successful lining application

work of ChemLine® 784/32 at Sulphuric Acid storage tanks in Marmara Ereglisi, in Turkey. Those tanks were lined with ChemLine 784/32 and have been successfully operating for more than five years without any corrosion problems.

The blasting and coating application work was done by IMANTT SOLUTIONS, based in Bogotá, Colombia, at the Monómeros' plant in Barranquilla to a film thickness of 16.1 mils. IMANTT SOLUTIONS is the exclusive representative of Advanced Polymer Coatings in several key countries in South America.



*This Sulphuric Acid storage tank at Monómeros Colombo Venezolanos uses ChemLine® 784/32 coating for superior corrosion protection. Here, prior to being put into service, the coating in the tank is spark tested as part of a thorough inspection process.*

## Results

Monómeros Colombo Venezolanos says the Sulphuric Acid storage tank has shown excellent chemical resistance. The tank has been in full service since January 2012 without any corrosion problems and has shown outstanding performance.

For more information on how ChemLine® high performance coatings can solve your corrosion problems, and protect your assets, please contact your ChemLine® representative.