

Corrocote II PW Saves Concrete Tank

In January of 1990 the City of Eagle Pass, Texas, in the Rio Grande Valley, acquired and filled a new concrete water tank. To their horror, they discovered the tank leaked so profusely it was unusable.

After a failed attempt to patch the tank, the City of Eagle Pass asked the engineering firm of Groves and Associates of San Antonio, TX, to advise them on solving their problem. They needed to get the tank sealed and back into service immediately. The engineering firm recommended Madison Chemical's Corrocote II PW, a 100% solids polyurethane, applied to a thickness of 60 mils.

The engineers recommended Madison's Corrocote II PW for several reasons. The solvent free, instant setting features of the Madison system allowed the entire film build of 60 mils to be applied in one coat. Even the deep pits could be successfully filled during the single coat. Another factor was the fast turn around time. The tank could be put back in service 48 hours after it was coated.

Madison's experience in lining concrete pipe with high temperature, hydrogen sulfide rich sewage showed that the coating system is chemically resistant enough to withstand ordinary potable water and the temperatures of South Texas. Madison's extensive history of coating and lining underground fuel storage tanks, steel pilings, steel pipelines and concrete pipelines ensured all concerned that the coating system would live up to its claims.

The municipality's utmost concern was the safety of the coating for potable water use. Corrocote II PW satisfies those needs by meeting various state and federal requirements including listing by the NSF under ANSI/NSF Standard 61.



Eagle Pass concrete water tank

The interior surface of the tank was prepared for coating simply by sweepblasting the laitance off of the concrete. The entire surface area of the 8,000 square foot tank (the ceiling was not lined) was coated in one coat of 60 mils (1500 microns) in approximately 10 hours.

Madison's systems will provide decades of protection for steel or concrete. Call Madison to learn how you can benefit from our polyurethane technology.



Madison Chemical Industries, Inc.

The World Leader for Infrastructural Coatings™

Phone: (905) 878-8863 Fax: (905) 878-1449 e-mail: sales@madisonchemical.com

490 McGeachie Drive, Milton, Ontario, Canada L9T 3Y5 www.madisonchemical.com