

Client: Tradebe Fawley	Industry: Petrochemical
Scope: Chemical Storage Tank Relining	Date: September 2014
Location: UK	Product: Epo-chem™ RS 500P & RA 500M

Overview

A chemical storage tank at a waste handling facility was showing serious corrosion damage and was in urgent need of relining. The coating system required had to be able to handle various chemicals with a pH range from 4 - 10.

Challenge

Finding a coating system capable of handling multiple chemicals at varying pHs. Grit blasting was not permissible.

Solution

The corroded areas were UHP blasted, thoroughly cleaned and decontaminated. The sound surfaces were high pressure washed. Upon completion of the surface preparation, one primer coat of **solvent-free, wet & rust tolerant epoxy Epo-chem™ RS 500P** was applied. This was followed by one topcoat of **solvent-free, wet tolerant, glassflake epoxy Epo-chem™ RA 500M**.

Outcome

The work was completed to the complete satisfaction of all concerned. The **Chemco** system has excellent adhesion to UHP blasted surfaces and will provide the chemical storage tank with long term corrosion protection

Benefits

- Solvent-free
- No grit blasting
- Reduced H&S and Fire Precaution
- Reduced cost of plant and equipment
- No humidity or dew point restrictions

Continued overleaf

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Photographs

- Nos. 1-2 Stripe coating

*Project details and photographs courtesy of Chemco's approved contractor, Tryton Designs (UK)

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[Photographs](#)

- Nos. 3-6 Completed application