

Client: <i>Talisman Energy (UK)</i>	Industry: <i>Petrochemical</i>
Scope: <i>Process Vessel</i>	Date: <i>May 2007</i>
Location: <i>UK</i>	Products: <i>Epo-chem™ RA 564</i> <i>Ceram-chem™ RH 500</i>

Overview

A large process vessel, operational temperature at around 55°C, required to be completely refurbished without any disruption to other contractors working adjacent to this area. It also had to be carried out in a very tight timescale in cold and very damp conditions during the plant shutdown.

Challenge

Working within a very tight timescale, severe pitting and corrosion, high humidity, confined space and other contractors working adjacent to the vessel refurbishment added to the difficulty of the project.

Solution

First coat of **Epo-chem™ RA 564 solvent-free** glassflake epoxy system @ 500µ DFT by airless spray. All deep pitting were filled with **Ceram-chem™ RH 500 solvent-free**, ceramic epoxy putty. Second coat of **Epo-chem™ RA 564 solvent-free** glassflake epoxy system @ 500µ by airless spray. Total DFT: 1,000µ

Outcome

The major technical benefits offered by utilizing this complete system ensured that the work was carried out on time, within budget, with no major delays to the program and no impact on other contractors working in close proximity.

Benefits

- Solvent-free
- No delays
- Reduced cost of plant and equipment
- Reduced H&S and Fire Precaution
- Chemco system will protect the steel substrate



Photographs:

- Nos. 1 - 3 The process vessel after application

- Solvent-free • Water-based • Wet-tolerant
 - Rust-tolerant • Zero VOC
 - Tank & Pipe Linings • Under-water & Marine • Glassflake
- Rust Converters & Primers • Ceramic & Metal Repair • Anti-static, Conductive & Anti-slip Flooring
- Approved for Contact with Food, Drinking Water & Beverages • Damp or Green Concrete Primers
 - Concrete Repair Systems • Elastomeric System
 - High Temperature Systems • Fire Retardant • Insulation Systems

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