

<b>Client:</b> <i>Petrochemical Plant</i>	<b>Industry:</b> <i>Petrochemical</i>
<b>Scope:</b> <i>Chemical Storage Tank Lining</i>	<b>Date:</b> <i>April 2016</i>
<b>Location:</b> <i>UK</i>	<b>Products:</b> <i>Chem-tect™ RC 300 &amp; RB 300</i>

## Overview

Stainless steel chemical storage tanks used to store various aggressive acids and alkalis were beginning to corrode and required to be completely refurbished.

## Challenge

The previous coating had to be completely removed and replaced with a new lining system which could provide protection from the full pH range. The new lining system also had to have exceptional adhesion to a stainless steel substrate.

## Solution

The tank internals were abrasive blasted to Sa 2½ standard, completely removing the previous coating and leaving a clean white metal for the new coating system. One coat of **Chem-tect™ RC 300** was applied first to ensure a high level of adhesion to the stainless steel substrate. This was then overcoated with one coat of highly chemical and high temperature resistant **Chem-tect™ RB 300**.

## Outcome

The work programme was successfully completed within the given time frame. The unique combination of these two **Chemco** coatings will ensure that long-term maintenance-free protection against the full pH range is provided.

## Benefits

- Exceptional resistance to the full pH range (1-14)
- Excellent resistance to the most aggressive chemicals operating at high temperatures
- Outstanding adhesion to stainless steel substrates
- Fast curing

Continued overleaf

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### Photographs:

- No. 1 After grit blasting
- No. 2 Applying Chem-tect™ RB 300

\* This project was carried out by Chemco's Approved Contractor, [Corroless Eastern](#)

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Photographs:

- Nos. 3-4 Completed application

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