

Case Study



| | |
|---|---|
| Client: <i>Bourbon Offshore Asia</i> | Industry: <i>Marine</i> |
| Scope: <i>Void Tanks - Surfer Boats</i> | Date: <i>June & October 2013</i> |
| Location: <i>Singapore & Indonesia</i> | Products: <i>Epo-chem™ RS 500P & RA 500M</i> |

Overview

The aluminium void tanks onboard Bourbon Offshore Asia's Surfer Boat 2612 & Surfer Boat 2601, required to be refurbished as they were showing signs of deterioration.

Challenge

Providing a suitable coating system capable of adhering to a aluminium surface. The tanks are located within a very small confined space only accessible by crawling through. Grit blasting and water jetting could not be utilised due to monetary constraints of the client. Working within a tight timeframe also added to the difficulty of this project.

Solution

The preparation method and the Chemco coating specification was the same for both Surfer boats. Utilise mechanical preparation as the surface preparation method. Apply solvent-free, wet & rust tolerant epoxy **Epo-chem™ RS 500P** as a primer @ 100µ DFT by roller, followed by a topcoat of solvent-free epoxy **Epo-chem™ RA 500M** @ 200µ DFT.

Outcome

This project was carried out on time with no delays. The Chemco system and the speed of the contract was to the satisfaction of all concerned.

Benefits

- Solvent-free
- Chemco system capable of adhering to an aluminium surface
- No humidity or dew point restrictions
- Reduced H&S precautions
- Reduced contract duration
- Reduced cost of plant and equipment

Continued overleaf

1



2



Photographs

- Nos. 1 and 2 Surfer boats 2612 & 2601 before surface preparation, respectively
- Nos. 3 and 4 Surfer boats 2612 & 2601 after surface preparation, respectively
- Nos. 5 and 6 Surfer boat 2612 after application of Chemco system
- Nos. 7 and 8 Surfer boat 2601 after application of Chemco system

3



4



5



6



7



8



- 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

East Shawhead Industrial Estate
 Coatbridge ML5 4XD
 Scotland United Kingdom

Tel: +44 (0) 1236 606060

Fax: +44 (0) 1236 606070

Email: sales@chemcoint.com

Web Site: www.chemcoint.com

