

Client: <i>Aset Marine Services P/L</i>	Industry: <i>Marine</i>
Vessel: <i>Support Station 3</i>	Date: <i>March 2015</i>
Location: <i>Singapore</i>	Products: <i>Epo-chem™ RS 500P & RA 500M</i>

Overview

Ten potable water tanks on Support Station 3 required to be patch repaired as the existing system had failed in some areas due to age.

Challenge

There could be no compatibility issues with the new coating system. Grit blasting was also impractical due to time and costs implications. The useful life of the coating system had to be extended to 15 years.

Solution

All areas which required to be repaired, including weld seams and edges, were mechanically prepared before being freshwater washed to remove salt and any other contamination. One coat of **solvent-free, wet & rust tolerant epoxy Epo-chem™ RS 500P** was applied to the prepared areas. This was followed by one topcoat of **solvent-free, wet tolerant epoxy Epo-chem™ RA 500M**.

Outcome

The repair works in the potable water tanks were successfully completed within the time frame given. The useful life of the tanks have been extended to the required 15 years.

Chemco uniquely offer guarantees on their patch repair work.

Benefits

- Solvent-free
- No grit blasting
- Patch repair work can be easily carried out - no compatibility issues
- Reduced H&S and Fire Precaution
- No humidity or dew point restrictions
- No disruption to other ongoing work (including hot work)
- No over-coating limitations
- Unique patch repair guarantees can be received

Continued overleaf

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3



Photographs

- Nos. 1 - 3 After surface preparation

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Photographs

- Nos. 4 and 5 After spot repair
- Nos. 6 - 9 Completed repair work

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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