

Client: <i>Towage Company</i>	Industry: <i>Marine</i>
Scope: <i>Ballast Tank Conversion</i>	Date: <i>June 2016</i>
Location: <i>Netherlands</i>	Products: <i>Epo-chem™ RS 500P & RA 500M</i>

Overview

The fore peak ballast tank of a towage vessel required to be converted into a potable water tank. The tank was generally in good condition with minimum corrosion in a few areas.

Challenge

The tank required to be coated with a system which was certified for potable water applications. The new coating system also had to be compatible with the existing tank lining.

Solution

HPWJ (500 bar) and mechanical preparation (St 3) were utilised as the surface preparation methods. One primer coat of **solvent-free, wet & rust tolerant epoxy Epo-chem™ RS 500P** was applied. This was followed by two topcoats of **solvent-free, wet tolerant, glassflake epoxy Epo-chem™ RA 500M**.

Outcome

The work programme was completed in 5 days; much quicker than would have been possible utilising grit blasting and conventional paint systems. Substantial time and cost savings were therefore achieved.

Benefits

- Solvent-free
- No grit blasting requirements
- Compatible with other protective coating systems
- Significantly reduced H&S and Fire Hazard
- No humidity or dew point restrictions
- No re-coating limitations

Continued overleaf

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Photographs:

- Nos. 1 and 2 Original conditions

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Photographs:

- No. 3 After priming
- No. 4 Applying stripe coat
- Nos. 5 and 6 Completed 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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