

<b>Client:</b> <i>Towage Company</i>	<b>Industry:</b> <i>Marine</i>
<b>Scope:</b> <i>Ballast Tank Conversion</i>	<b>Date:</b> <i>June 2016</i>
<b>Location:</b> <i>Netherlands</i>	<b>Products:</b> <i>Epo-chem™ RS 500P &amp; 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. 1-2 Original Conditions

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Photographs:

- No. 3 After Priming
- No. 4 Applying Stripe Coat
- Nos. 5-6 Completed Application

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