

Client: <i>Large Cruise Ship Company</i>	Industry: <i>Marine</i>
Scope: <i>Alkali Tank Refurbishment</i>	Date: <i>July 2020</i>
Location: <i>The Netherlands</i>	Products: <i>RE 500P & RW 500</i>

Overview

The alkali tanks on board a large cruise ship were suffering from corrosion due to breakdown in the previous paint system.

Chemco was tasked with providing a new coating solution for the refurbishment project.

Challenge

The internal conditions in each tank had to be measured accurately in order for the correct coating system to be specified.

It was established that the chosen coating solution had to withstand a relatively strong alkaline environment with temperature exposure of greater than 60°C.

Solution

Chemco was able to provide a **solvent-free, rust tolerant**, high temperature glassflake epoxy Novolac coating system:

First Coat: RE 500P	100µm
Second Coat: RW 500	250µm
Third Coat: RW 500	250µm

Outcome

All surface preparation and coating works were completed within the given timeframe, with further coatings work from Chemco still to come on the vessel.

Benefits

- Solvent-free
- No grit blasting required
- Excellent chemical and temperature resistance
- Long-term protection from corrosion in alkaline conditions
- Reduced overall project cost and downtime
- Reduced Health & Safety risk and Fire Hazard
- Environmentally-friendly

Continued overleaf

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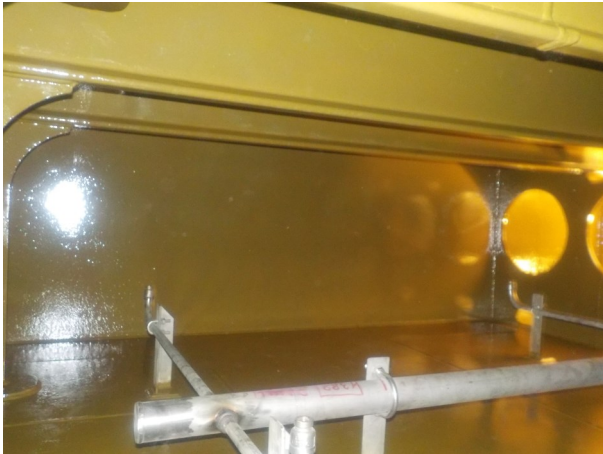
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Photographs:

- No. 1 After Surface Preparation
- No. 2 Completed Application

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Photographs:

- Nos. 3-4 After Application of RE 500P
- Nos. 5-6 After Application of RW 500

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