

Vessel: <i>Cruise Ship</i>	Industry: <i>Marine</i>
Contractor: <i>Baymarine Services</i>	Date: <i>October 2013</i>
Location: <i>At Sea</i>	Product: <i>Epo-chem™ RS 500P & RA 500M</i>

Overview

The grey water tanks onboard a grand class cruise ship had severely corroded and required to be refurbished.

Challenge

The project had to be completed whilst the vessel was at sea. There could be no disruption to the normal operating services of the vessel. Grit blasting was therefore not permissible and a solvent-free solution had to be utilised.

Solution

The grey water tanks were water jetted to prepare the surface. One stripe coat and one full coat of **solvent-free, wet & rust tolerant epoxy Epo-chem™ RS 500P** was then applied. This was followed by one stripe coat and one full coat of **Epo-chem™ RA 500M**.

Outcome

Substantial time and cost savings were achieved by completing this project whilst the vessel was at sea. The downtime of the tanks were significantly reduced as the products can 'continue to cure' underwater.

Benefits

- Solvent-free
- No grit blasting
- No humidity or dew point restrictions
- No recoating limitations
- No dry-docking requirements
- No disruption to passengers or crew

Continued overleaf

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Photographs:

- Nos. 1-3 Before Application

* Photographs provided by Baymarine Services

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Photographs:

- Nos. 4-5 Stripe Coating with RS 500P
- Nos. 6-8 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

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

