

Client: <i>Major Cruise Line Operator</i>	Industry: <i>Cruise</i>
Vessel: <i>Cruise Ship</i>	Date: <i>October 2017</i>
Location: <i>Germany</i>	Products: <i>Epo-chem™ RS 500P & RA 500M</i>

Overview

The swimming pool on-board a large cruise ship was suffering from corrosion and paint breakdown. Refurbishment with a new coating solution was required to ensure the pool was operational and aesthetically pleasing for guests onboard.

Challenge

Due to other maintenance and repair work taking place nearby, grit blasting was not permissible.

The new coating system also had to provide long-term corrosion protection, without the requirement for regular maintenance. The project had to be completed within a limited time frame, and in a cost-efficient manner.

Solution

The surfaces were prepared using a combination of mechanical preparation and water jetting, to ST-2 and WJ-3 standards respectively.

One stripe coat and one full coat of solvent-free, wet & rust tolerant epoxy primer **Epo-chem™ RS 500P** were then applied; followed by two coats of solvent-free, wet tolerant **Epo-chem™ RA 500M**.

Outcome

The project was completed on time, within budget and with no disruption to other contractors and the ship's crew working nearby.

Continued overleaf

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Photographs:

- Nos. 1-5 Completed Application

Benefits

- Solvent-free
- No grit blasting required
- No humidity or dew point restrictions
- Reduced equipment costs and requirements
- Reduce H&S risk
- No disruption to nearby work
- No recoating limitations
- Quick back-in-service times
- Long term performance with minimal maintenance requirements

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