

Client: <i>Shipmanagement Company</i>	Industry: <i>Marine</i>
Scope: <i>Cargo Tank Patch Repair</i>	Date: <i>February 2020</i>
Location: <i>Denmark</i>	Product: <i>RB 300</i>

Overview

10 cargo tanks onboard a large chemical tanker were showing significant signs of corrosion damage. This was due to part failure of the original coating system, and subsequent failure of an unknown coating used for touch-up repairs.

Challenge

A coating system which could provide effective patch repair without the requirement for abrasive blasting at the surface preparation stage was preferred.

The new coating system also had to ensure long-term corrosion protection in an environment exposed to aggressive chemicals and potentially high temperatures.

Solution

The surface was prepared using a combination of high pressure washing (500 bar) and mechanical tooling.

Two coats of 100% solid, glassflake-reinforced **RB 364** were applied to achieve a WFT of 1000µm.

One coat of **RB 300TC** was then applied.

Outcome

The project was completed within the given timeframe, with all cargo tanks returned to service.

Benefits

- Excellent resistance to aggressive chemicals and high temperatures
- 100% solid, glassflake-reinforced vinylester coating ensuring long-term protection
- Full pH protection (1-14)
- Provides a tough, impermeable barrier for steel surfaces
- Fast curing, which allows for quick recoating intervals and quick back-in-service times

Continued overleaf

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Photographs:

- No. 1 Original Conditions
- No. 2 During Surface Preparation

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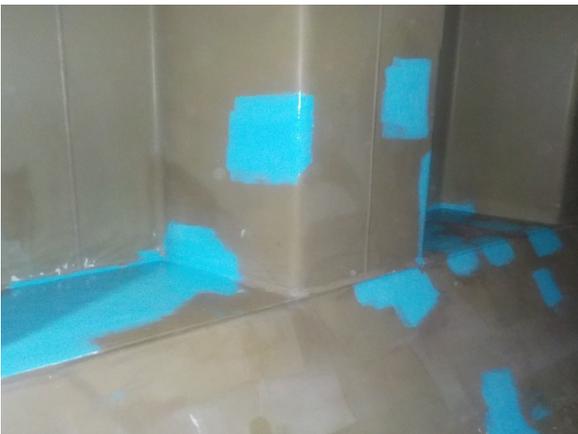
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Photographs:

- Nos. 3-4 After Application of RB 364
- Nos. 5-7 After Application of RB 300TC

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