

<b>Client:</b> <i>Motorschiff Stubnitz</i>	<b>Industry:</b> <i>Marine</i>
<b>Vessel:</b> <i>MV Stubnitz</i>	<b>Date:</b> <i>August 2014</i>
<b>Location:</b> <i>Germany</i>	<b>Products:</b> <i>RS 500P &amp; RC 500GTC</i>

## Overview

The funnel onboard the MV Stubnitz was suffering from extensive corrosion damage and required to be refurbished.

## Challenge

The client was looking for a system offering excellent UV and saltwater resistance. Grit blasting was not permissible; therefore an alternative surface preparation method had to be chosen. There was also a limited time-frame for completion of this project.

## Solution

Mechanical preparation was utilised as the surface preparation method. One coat of **solvent-free, wet & rust tolerant Epo-chem™ RS 500P** was applied as a stripe coat and used to spot repair certain areas of the funnel suffering from corrosion damage. One top-coat of highly chemical and UV resistant epoxy acrylic **Epo-chem™ RC 500GTC** was then applied.

## Outcome

Using mechanical preparation significantly reduced the overall duration and cost of this project. **Chemco's** unique solution will offer long-term **maintenance-free** protection. The project was also carried out on time, with no major delays and to the satisfaction of all concerned.

## Benefits

- Solvent-free
- No grit blasting
- Exceptional chemical and UV resistance
- High gloss finish
- Long-term **maintenance-free** protection

Continued overleaf

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### Photographs:

- No. 1 Original condition of funnel
- No. 2 Spot & stripe coat of **Epo-chem™ RS 500P**

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**Photographs**

- No. 3 During Application of **Epo-chem™ RC 500GTC**
- No. 4 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

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