

Case Study



Client: <i>V. Ships</i>	Industry: <i>Marine</i>
Vessel: <i>Ore Timbopeba</i>	Date: <i>September 2009</i>
Location: <i>China</i>	Products: <i>Epo-chem™ RS 500P & RA 500M</i>

Overview

The vessel Ore Timbopeba was dry-docking in China to undergo a full refurbishment. One of the cargo holds required to have 10-15% steel replacement, with the remainder of the hold requiring to be recoated.

Challenge

There could be no disruption to other ongoing work during the dry-docking. Grit blasting therefore could not be utilised and a **solvent-free** coating system was required to be applied.

Solution

Water jetting was utilised as the surface preparation method. One primer coat of **solvent-free, wet & rust tolerant Epo-chem™ RS 500P** was then applied, followed by one topcoat of **solvent-free, wet tolerant, glassflake reinforced Epo-chem™ RA 500M**.

Outcome

Utilising water jetting and a **solvent-free** coating system saved the client substantial time and cost as other refurbishment work to continue nearby without disruption. This allowed the vessel to return to charter much quicker than would have been possible utilising conventional paint systems.

Benefits

- Solvent-free
- No grit blasting
- Quicker return to service
- No disruption to other ongoing work (including hot work)
- Can be applied in any environmental conditions
- No overcoating limitations

Continued overleaf

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Photographs

- Nos. 1 and 2 Before application

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6



7



Photographs

- Nos. 3 - 5 Applying primer RS 500P
- Nos. 6 - 7 Applying finishing touches

- 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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