

Case Study



Client: <i>Bekok B Platform</i>	Industry: <i>Offshore</i>
Scope: <i>Offshore Platform Legs</i>	Date: <i>November 2011</i>
Location: <i>Malaysia</i>	Products: <i>Epo-chem™ RL 500PF & RC 500GTC</i>

Overview

The platform legs of the Bekok B Platform were suffering from severe corrosion and required to be refurbished.

Challenge

There could be no disruption to the live working platform and therefore grit blasting was not permissible. The coating application had to take place in high humidity and in continuously wet splash zones where there was a short time frame for application in between the tides.

Solution

Water jetting was utilised as the surface preparation method. One coat of **wet & rust tolerant Epo-chem™ RL 500PF** was then applied, followed by one topcoat of highly chemical and UV resistant **Epo-chem™ RC 500GTC**.

Outcome

Substantial time and cost savings were achieved by utilising water jetting and **Chemco's wet & rust tolerant Epo-chem™ RL 500PF** as the coating application could begin immediately upon completion of the surface preparation.

Benefits

- Wet & rust tolerant properties
- No disruption to live platform
- No grit blasting
- Minimal downtime
- Significantly reduced H&S and Fire Hazards
- No humidity or dew point restrictions
- Substantial time and cost savings

Continued overleaf

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Photographs

- Nos. 1 - 3 Original conditions

*Photographs courtesy of Chemco Singapore

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Photographs

- Nos. 4 - 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

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