

Client: <i>Belfast Harbour Authority</i>	Industry: <i>Marine</i>
Scope: <i>Jetty</i>	Date: <i>October 2009</i>
Location: <i>Belfast, Northern Ireland</i>	Products: <i>Epo-chem™ RA 500M & RS 500P</i>

Overview

The exposed steel piles underneath the main jetty required a corrosion protection system with minimal surface preparation and no disruptions to the program.

Challenge

Working in a very restrictive area, minimal surface preparation, extreme weather conditions, high humidity and limited timescale, combined with working in a tidal zone.

Solution

Primer coat of **Epo-chem™ RS 500P solvent-free, wet tolerant epoxy @ 150μ** and a topcoat of **Epo-chem™ RA 500M solvent-free, wet tolerant system @ 250μ** by brush and roller.

Outcome

The major technical benefits offered by utilizing this system assured the client that the work was carried out safely, on time and with no major delays, despite severe weather conditions during the application.

Benefits

- Solvent-free
- No major delays to program
- Reduced H&S and Fire Precaution
- Reduced cost of plant and equipment
- No grit blasting required
- Application can be carried out in very high humidity or on wet substrate
- Chemco system will protect the steel substrate in excess of 10 years

Continued overleaf

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Photographs

- Nos. 1 and 2 Before application
- Nos. 3 and 4 Application of **Epo-chem™ RA 500M**

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- 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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