

Client: <i>Canary Wharf Pier</i>	Industry: <i>Marine</i>
Scope: <i>Ballast Tank Refurbishment</i>	Date: <i>December 2015</i>
Location: <i>London, England</i>	Products: <i>RS 500P, RH 500 & RA 500M</i>

Overview

The Canary Wharf pier located in central London required to have its ballast tanks refurbished as they were suffering from corrosion damage. This project was completed by Wood Group.

Challenge

With over 100,000 people working daily in Canary Wharf, there could be no disruption to this transport service or nearby restaurants, hotels and office buildings. Grit blasting and the use of conventional paints were therefore not permissible and an alternative solution had to be sought. The coating system specified also had to offer long-term, maintenance-free protection as regular maintenance would be an inconvenient and expensive process.

Solution

Water jetting was utilised as the surface preparation. One stripe coat and one primer coat of **solvent-free, wet & rust tolerant epoxy Epo-chem™ RS 500P** was then applied. Areas of deep pitting was then filled with **Ceram-chem™ RH 500**. To complete the coating system, one topcoat of **solvent-free, wet tolerant, glassflake and highly chemical resistant epoxy Epo-chem™ RA 500M** was applied.

Outcome

The project was successfully completed with no delays or disruption to the surrounding populated areas. Substantial time and cost savings were achieved by utilising this unique and innovative solution only offered by Chemco.

Benefits

- Solvent-free
- No grit blasting
- No disruption to populated surrounding areas
- Significantly reduced H&S and Fire Hazard
- No environmental damage
- No humidity or dew point restrictions
- Long-term **maintenance-free** protection

Continued overleaf

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Photographs:

- No. 1 Canary Wharf Pontoon
- No. 2 Before surface preparation: previous wax coating

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Photographs:

- Nos. 3-4 After Surface Preparation
- Nos. 5-7 Completed Application

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