

Client: <i>Pannekoek GWW</i>	Industry: <i>Industrial</i>
Scope: <i>Bridge Refurbishment</i>	Date: <i>January 2018</i>
Location: <i>The Netherlands</i>	Products: <i>RL 500PF, RS 500P & RA 500UW-LV</i>

Overview

A New Build bridge required a protective coating system which could offer long-term corrosion protection.

Challenge

A short time frame of 2 days was given for project completion.
Grit blasting was not permissible due to the damage it would cause to the surrounding environment.
Full encapsulation would also incur a high cost and would significantly increase the project duration.

Solution

Above the water line the substrate was high pressure water jetted (500bar). Two coats of **wet & rust tolerant** epoxy **Epo-chem™ RL 500PF** was then applied.

Below the water line, the substrate was prepared using mechanical methods. This was followed by one primer coat of **solvent-free, wet & rust tolerant** epoxy **Epo-chem™ RS 500P** and one topcoat of **Chemco's** specialised **solvent-free** underwater coating system **Diver-cote™ RA 500UW-LV**.

Outcome

The project was successfully completed to the great satisfaction of the client and within the strict 2 day time frame given for the project.
This project could only be completed within 2 days by using **Chemco's** unique solution.
The same process will now be used for more bridges and other similar structures for this client.

Benefits

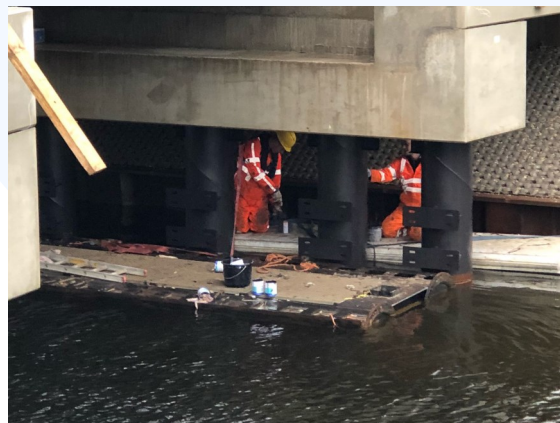
- Unique solution only offered by **Chemco**
- Excellent adhesion to sub-standard substrate conditions expected underwater
- No grit blasting
- Significantly reduced contract duration
- Substantial time and cost savings

Continued overleaf

1



2



Photographs:

- No. 1 During Surface Preparation
- No. 2 Applying RL 500PF Above Water Line

This project was completed by Alfa Diving

3



4



5



6



Photographs:

- No. 3 Applying RA 500UW-LV Under Water
- Nos. 4-6 Completed Application

East Shawhead Industrial Estate
Coatbridge ML5 4XD
Scotland United Kingdom

Tel: +44 (0) 1236 606060

Fax: +44 (0) 1236 606070

Email: sales@chemcoint.com

Web Site: www.chemcoint.com