

Client: <i>Industrial Plant</i>	Industry: <i>Industrial</i>
Scope: <i>Sulphuric Acid Bund Lining</i>	Date: <i>2020</i>
Location: <i>UK</i>	Product: <i>RB 300 Series</i>

Overview

A concrete bund used for storing sulphuric acid was chosen to be refurbished and extended as part of a wider project.

Challenge

Due to the high concentration of the sulphuric acid being stored in the bund, a highly chemical resistant coating solution was required.

The chosen coating solution had to provide long-term protection for the concrete, whilst ensuring the acid remained fully contained in the event of a spill or leak.

Solution

The concrete surfaces were prepared, primed and scattered with aggregate to remove surface laitance, contaminants and ensure excellent adhesion of the Chemco lining.

Three coats of **RB 364** were then applied to achieve a thickness of 1200µm.

RB 364 is a 100% solid, glassflake-reinforced vinyl ester coating system which offers excellent resistance to the most aggressive chemicals at high temperatures.

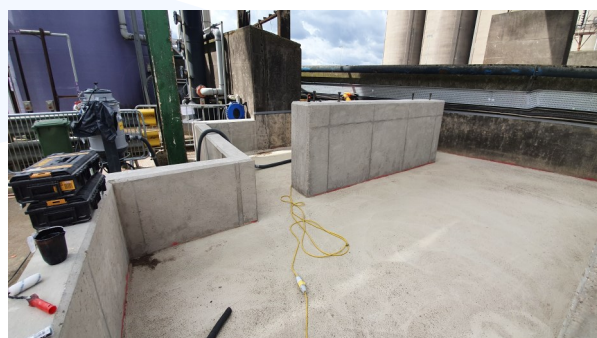
Outcome

The project was completed successfully with the concrete bund set for a return to service.

Benefits

- 100% Solid
- Full pH protection (1-14)
- Excellent chemical resistance
- Excellent temperature resistance
- Provides impermeable barrier between coating and substrate
- Fast curing
- Low maintenance and ease of repair
- Quick back-in-service times

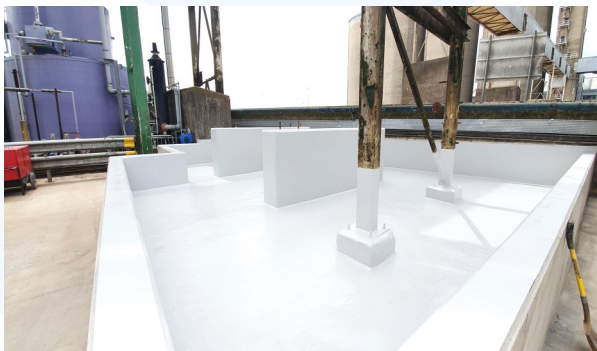
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Photographs:

- No. 1 During Surface Preparation
- No. 2 During Priming
- No. 3 Completed Application