

# CIP bund coating

ID: 7726

**Industry:** Chemical & Petrochemical  
**Application:** TCC-Tanks and Chemical Containment Areas  
**Substrate:** Concrete  
**Products:** \* Belzona 4131 (Magma-Screed) ,  
\* Belzona 5811 (Immersion Grade) ,

**Customer Location:** Scotland  
**Application Date:** April 2018

## Problem

A solution was required to protect the underlying concrete without removing tanks & VATs from the bund. Any coating put in place had to be chemically resistant to caustic solutions.



## Photograph Descriptions

\* 1 - overview of the bund 2 - failed GRP lining showing cracks 3 - Two coats system of Belzona 5811 applied to the concrete & onto the tank legs 4 - completed application ,

## Application Situation

A CIP chemical bund had a GRP lining in place. This lining had started to break down & de-laminate on large areas of the bund.

## Application Method

Application was carried out in accordance with Belzona system leaflet TCC-15. The failed lining was removed & the concrete was prepared with floor grinders. The walls were then filleted with Belzona 4131 Magma screed. Two coats of Belzona 5811 Immersion Grade were then applied to provide corrosion protection.

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ISO 9001:2015  
FS 695214  
ISO 14001:2015  
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## Belzona Facts

The application was completed in a 6 day shutdown window.

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