

# BELZONA REJUVENATES STEEL PLANT ACID & CAUSTIC BUNDS

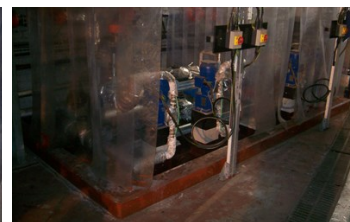
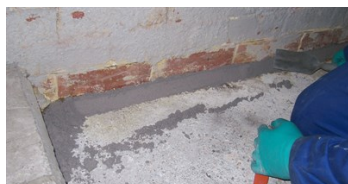
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**Industry:** General Industry  
**Application:** TCC-Tanks and Chemical Containment Areas  
**Substrate:** Concrete  
**Products:** \* Belzona® 4131 (Magma Screed) ,  
\* Belzona® 4311 (Magma CR1) ,

**Customer Location:** Steel Plant, Teesside, UK  
**Application Date:** 2011

## Problem

The two bund areas needed complete refurbishment. Over the years acid and caustic residues had attacked the bunds and left them both badly deteriorated. The client wanted the area cleaned and protected with a material that would resist further attack.



## Photograph Descriptions

- \* Original condition with Acid & Caustic attack ,
- \* Fillet created in Belzona® 4131 ,
- \* Finished system in Belzona 4311 ,
- \* Acid and Caustic bunds completed in Belzona® 4311 ,

## Application Situation

Basic Oxygen Steelmaking (BOS) Demin water plant. Two bunds for regeneration chemicals - 96% sulphuric acid and 46% Sodium hydroxide.

## Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet TCC-15. A 25mm fillet of Belzona® 4131 was installed on internal angles before applying the Belzona® 4311 system.

## Belzona Facts

The client chose Belzona due to the performance the materials offered and its ability to be applied to complex geometry as there

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ISO 9001:2015  
FS 695214  
ISO 14001:2015  
EMS 695213

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manufactured under an ISO  
9000 Registered Quality  
Management System.

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were many fittings and platforms in the area. The client was delighted with the short time taken to complete the work and the final finish.

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