

BELZONA REJUVENATES STEEL PLANT ACID & CAUSTIC BUNDS

ID: 2371



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.

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 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.

INDUSTRY

General Industry

LOCATION

Steel Plant, Teesside, UK

APPLICATION DATE

2011

PRODUCTS

Belzona 4131 (Magma Screed)
Belzona 4311 (Magma CR1)

SUBSTRATE

Concrete

PHOTOS

1. Original condition with Acid & Caustic attack
2. Fillet created in Belzona 4131
3. Finished system in Belzona 4311
4. Acid and Caustic bunds completed in Belzona 4311

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

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