

BELZONA REPAIRS CONCRETE ROAD IN CHEMICAL PLANT

ID: 6091



PROBLEM

The roads on site had suffered attack from chemicals and regular heavy lorry traffic had cracked and eroded the concrete in many areas around the plant, including access roads. Repairs had been completed several times previously with cementitious materials. These had, however, never survived for long and once again the uneven surfaces had become hazardous for vehicles and foot traffic alike.

APPLICATION SITUATION

Concrete damage on plant roads.

APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System Leaflet FPA-1.

BELZONA FACTS

The Belzona solvent free concrete repairs offered a long lasting solution with a proven track record. Due to the extent of repairs required, Belzona 4131 was chosen as the most cost effective solution. For deep damage, Belzona 4131 was bulk filled 50/50 with 6mm pea gravel and resin before topping with Belzona 4131. The repairs were revisited after 5 years and there was only minor cracking in the heaviest traffic areas where it was known that there were still loose slabs.

INDUSTRY

Chemical & Petrochemical

LOCATION

Chemical Plant, Teesside, UK

APPLICATION DATE

2010

PRODUCTS

Belzona 4131 (Magma-Screed)

SUBSTRATE

Concrete

PHOTOS

1. Typical damage on roads around site
2. Cracks filled and area resurfaced
3. Further repairs completed in main road
4. Repair revisited after 5 years

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

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