

BELZONA REPAIRS CONCRETE ROAD IN CHEMICAL PLANT

ID: 6091

Industry: Chemical & Petrochemical
 Application: FPA-Floor Problem Areas
 Substrate: Concrete
 Products: * Belzona 4131 (Magma-Screed) ,

Customer Location: Chemical Plant, Teesside, UK
 Application Date: 2010

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.



Photograph Descriptions

- * Typical damage on roads around site ,
- * Cracks filled and area resurfaced ,
- * Further repairs completed in main road ,
- * Repair revisited after 5 years ,

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

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

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 9000 Registered Quality
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cracking in the heaviest traffic areas where it was known that there were still loose slabs.

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