

BELZONA OFFERS IMPROVED SAFETY IN CHEMICAL PLANT

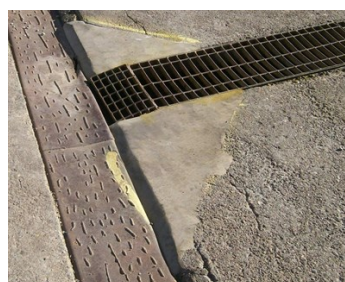
ID: 4807

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

Customer Location: Chemical Plant, UK
Application Date: 2010

Problem

Over many years on this site, concrete surfaces had suffered attack from regular heavy lorry traffic, slab movement and from many chemicals. Concrete surfaces had been cracked or eroded in many areas around the plant, including access roads, pavements, expansion joints, bunds and plinths. Although some of these problems were structural, the main concern for the client was for the trip hazards around the site.



Photograph Descriptions

- * Example of typical concrete damage on road ,
- * Completed repair to road side ,
- * Completed repair to gulley covers ,
- * Completed rebuild of forklift ramp ,

Application Situation

Concrete damage on roads, bunds and plinths

Application Method

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

Belzona Facts

The customer had previously tried conventional cementitious repairs which had not performed well and was looking for a long lasting solution with a proven track record. For deep damage, the Belzona 4131 was bulk filled 50/50 with 6mm pea gravel and resin to reduce costs before topping with Belzona 4131. A total of 1700Kg of Belzona 4131 was used on site throughout the project. Following detailed inspections the client was delighted with the system and is considering its use on other sites with the same

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

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