

BELZONA GRIP SYSTEM KEEPS LORRIES MOVING

ID: 6107

Industry: Chemical & Petrochemical
Application: FPA-Floor Problem Areas
Substrate: Checker plate steel
Products: * Belzona 5811 (Immersion Grade) ,
* Belzona 1321 (Ceramic S-Metal) ,
* Belzona 9211 (Supergrip Aggregate) ,

Customer Location: Chemical Plant, Cleveland, UK
Application Date: 2011

Problem

The client had an old weighbridge that had been constructed on a slope. Lorries were struggling to move off this as their tyres would just spin on the polished metal. They then had a new deck fabricated, but it was found that the problem persisted. Vehicles would have to reverse back towards the production area in order to gain enough momentum to get over the bridge. After a couple of "near misses", a solution was urgently needed.



Photograph Descriptions

- * Original weighbridge in 2010 ,
- * New weighbridge with application underway ,
- * Belzona 5811 being applied between grip areas ,
- * Completed application in 2011 ,

Application Situation

Checker Plate Weighbridge.

Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet FPA-8. Belzona 1321 blinded with Belzona 9211 was applied in a chevron pattern with Belzona 5811 applied between to provide corrosion protection.

Belzona Facts

Due to the constant heavy traffic, Belzona 1321 was chosen to hold the aggregate due to the materials' very high compressive

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

Belzona products are
manufactured under an ISO
9000 Registered Quality
Management System.

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strength. As the materials were also self-priming, all of the work could be completed within a weekend, allowing the weighbridge to return to service quickly. In addition, the Belzona materials provided outstanding grip together with abrasion and corrosion protection.

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