

Belzona provides a grip system for machine plinths

ID: 8358

Industry: Buildings & Structures
Application: FPA-Floor Problem Areas
Substrate: Steel
Products: * Belzona 9111 (Cleaner Degreaser) ,
* Belzona 4411 (Granogrip) ,
* Belzona 9221 (Surefoot Aggregate White) ,

Customer Location: Doncaster, UK
Application Date: 13th August, 2020

Problem

The existing coating was not performing as it should and slips were being recorded



Photograph Descriptions

- * 1. Plates in position with original coatings ,
- * 2. Application of Belzona 4411 to blasted and ground steel substrate ,
- * 3. Training taking place ,
- * 4. Finished plate ready for installation ,

Application Situation

The elevated plinths used by the workforce to gain access and operate machinery in a large factory had plates fitted with a low-slip coating. This appeared to have been applied too thick and the aggregate was very deep in the coating, leaving little protusion and therefore low-grip.

Application Method

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

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

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Application was completed in conjunction with Belzona System Leaflet FPA-8. Plates were removed and gritblasted in the clients own blast booth. The resultant substrate was not to the recommended profile, as it was a very fine aggregate. It was decided further preparation was required using a cutting disc. Belzona 9111 was used to degrease the plates Belzona 4411 was applied. Belzona 9221 was broadcast into the wet product, the excess being tipped into a container. Finally, the aggregate was gently pressed into the product, providing total coverage to the whole area.

Belzona Facts

Belzona was chosen because of it's proven properties, cold application and quick return to service. This replaced a previously applied low-slip system which had failed in service and become dangerous. The chance for the client to have staff trained by Belzona's technical team means that a substantial saving can be made against employing contractors to carry out further applications.

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