

# 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 protrusion 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

Belzona products are  
manufactured under an ISO  
9000 Registered Quality  
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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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