

DAMAGED LOADING BAY STAYS STRONG WITH BELZONA

ID: 8495

Industry: Commercial Facilities
 Application: FPA-Floor Problem Areas
 Substrate: Concrete
 Products: * Belzona 4131 (Magma-Screed),

Customer Location: Industrial gas supplier, UK
 Application Date: March 2012

Problem

The surface of the concrete ramp had become damaged due to impact from the gas cylinders when being loaded and unloaded, even though they are dropped onto a rubber mat. The uneven surface was making it increasingly difficult for the tall narrow cylinders to stand up safely.



Photograph Descriptions

- * 1. 8.5m x 5m concrete loading area damaged by impact ,
- * 2. Extent of the damage ,
- * 3. Repaired with 6mm of Belzona 4131 ,
- * 4. Application revisited in 2021 after 9 years in service ,

Application Situation

Concrete loading area for gas cylinders.

Application Method

The application was completed in accordance with Belzona Know-How System Leaflet FPA-1. The concrete ramp was pressure washed to remove surface contamination before the Belzona 4131 system was applied to the ramp.

Belzona Facts

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
 Management System.

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This is a common problem on many gas distribution sites across the UK. Belzona was selected firstly for its ability to protect against impact and abrasion. Secondly for being impermeable and resistant to frost damage. After nine years of constant loading and unloading of gas cylinders the loading bay has been revisited in May 2021 and was found to be in excellent condition. The client is very impressed with the Belzona solution provided and has since implemented a variety other successful Belzona applications across their UK sites.

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