

Belzona Repairs Trip Hazards at Cider Factory

ID: 1593

Industry: General Industry
Application: FPA-Floor Problem Areas
Substrate: Concrete
Products: * Belzona® 4911 (Magma TX Conditioner) ,
* Belzona® 4131 (Magma Screed) ,

Customer Location: Cider Manufacturer, UK
Application Date: December 2008

Problem

There are access lids at the base of the tank which are held in place with bolts and secured by a gasket to the base of the lid. However, these areas can be prone to leaking as the aggressive cider juice drips and eats away at the gasket and then attacks the concrete floor at the base of the tank, as you can see from the pictures. Eventually, this creates a gulley which can be a serious trip hazard.



Photograph Descriptions

- * The grooves in the floor ,
- * Applying the Belzona® 4131 by hand ,
- * Filling in the gaps by hand ,
- * The old and new floor, viewed at ground level ,

Application Situation

Repairs to floor

Application Method

The areas requiring repair were washed down. As per the IFU once dry the areas were coated with Belzona® 4911 followed by Belzona® 4131. We discovered that the process worked best when applied by (gloved) hand whilst holding the trowel against the

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FS 695214
ISO 14001:2015
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concrete edge and sliding the trowel away once the Belzona® 4131 was in the void.

Belzona Facts

After a first inspection over a month later, the surrounding area was discolouring and graining but the reclaimed areas were standing up well to exposure to the raw cider. As a result, the client now wishes to coat the whole area once the application has proved itself, as well as the other eight 'planetary suites.

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