

# MAJOR BELZONA SAFETY REPAIRS IN BOTTLING HALL

ID: 3010

**Industry:** General Industry  
**Application:** FPA-Floor Problem Areas  
**Substrate:** Concrete, Quarry tiles and epoxy coating  
**Products:** \* Belzona® 4131 (Magma Screed) ,  
\* Belzona® 5231 (SG Laminate) ,

**Customer Location:** Distillery, Glasgow, UK  
**Application Date:** November 2011

## Problem

The areas were approximately 80mm deep and required filling and levelling. The three areas were a severe safety risk to the trucks operating in the plant leading to imbalance and disruption to production. The repairs had to be completed over a weekend shut-down.



## Photograph Descriptions

- \* Depth and problem of repairs required ,
- \* Concrete slabs being bedded in prior to final Belzona® 4131 screed ,
- \* Finished screed application ,
- \* 2 coats of Belzona® 5231 with encapsulated aggregate applied for safety and grip ,

## Application Situation

Three areas of extremely uneven flooring in the bottling hall. Areas included failing quarry tiles, epoxy screed and concrete.

## Application Method

Application was carried out in accordance with Belzona Know-How System leaflet FPA-1. After breaking out the failed epoxy flooring, quarry tiles and deteriorated concrete the levels were made up by bonding pre-cast concrete slabs into place before applying a 6mm screed of Belzona® 4131. Finally 2 coats of Belzona 5231, incorporating additional aggregate, were applied to create non-slip surface.

## Belzona Facts

The repairs were completed over a weekend and the speed of application and cure ensured the plant was operating normally when

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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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opened on Monday. The system offers a level, safe, hard wearing surface ensuring this busy bottling plant operated at maximum efficiency without any loss of production.

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