

# Apple Cidery Loading Bay Coated with Belzona

ID: 8756

Industry: Food & Drink

Application: FPA-Floor Problem Areas

Substrate: Concrete

Products: \* Belzona 4111 (Magma-Quartz) Belzona 5231 (SG Lamine),

Customer Location: Portugal

Application Date: 2020

## Problem

Lorries would arrive on site and dump apples into the loading bay. The juices from the apples were acidic, and over time started to degrade the concrete bay and chemical channel flowing through the bay



## Photograph Descriptions

- \* 1.) Loading bay prior to application ,
- \* 2.) Surface preparation - Concrete scarifier + UHP ,
- \* 3.) Chemical channel rebuilt with Belzona 4111 + 1st coat of Belzona 5231 being applied ,
- \* 4.) Finished application - 2 coats of Belzona 5231 applied ,

## Application Situation

Renovation of a loading bay at an Apple Cidery.

## Application Method

This application was carried out in accordance with system leaflet FPA-03. The first step was to remove and dispose of any loose concrete. Once the bulk of the loose concrete had been removed, a concrete scarifier was used to roughen up the substrate before being pressure washed down using UHP (Ultra-High Pressure) water jetting. Once the concrete was prepared, Belzona 4111 was used to rebuild the edges of the chemical drain before 2 coat of Belzona 5231 were applied to the whole bay (270m<sup>2</sup>).

## Belzona Facts

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ISO 9001:2015

FS 695214

ISO 14001:2015

EMS 695213

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The distributor had been discussing this application with the client for 1 & 1/2 years prior to winning the project. The total area to be coated was 270m2 and over 40 units of Belzona 5231 were used, in addition to the Belzona 4111 used for rebuilding the edges of the chemical channel.

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