# Acid mixing tank drip mitigated with Belzona

Industry: Application: Substrate: Products:

Food & Drink FPA-Floor Problem Areas Concrete \* Belzona 9111 (Cleaner Degreaser) , \* Belzona 4911 (Magma TX Conditioner) , \* Belzona 4131 (Magma-Screed) ,

\* Belzona 4311 (Magma CR1) ,

#### Problem

Regular dripping from the acid mixing tank was causing severe degradation to the concrete at the feet of the tank. The acid mixture had been absorbed into the concrete, threatening to damage the supporting structure.

Customer Location: South Africa

Application Date: February 2020

## **Photograph Descriptions**

\* 1. Original condition of damaged concrete 2. Post cleaning, surface primer being applied 3. Concrete rebuilding 4. Complete application ,

### **Application Situation**

Repair and protection of a concrete containment area in a brewery.

#### **Application Method**

The application was carried out in accordance with Belzona System Leaflet FPA-3. The concrete was washed repeatedly with Belzona 9111 (Cleaner Degreaser) to remove acid contamination from the concrete. The concrete surface was rebuilt using Belzona 4131 (Magma-Screed) and protected from further chemical attack with Belzona 4311 (Magma CR1).

# **Belzona Facts**

For more examples of Belzona Know - How In Action, please visit https://khia.belzona.com

 ISO 9001:2015
 Belzona

 FS 695214
 manufa

 ISO 14001:2015
 9000 R

 EMS 695213
 Manag

Belzona products are manufactured under an ISO 9000 Registered Quality Management System.

www.belzona.com



The application was completed within 1 day, offering a significant reduction in downtime when compared with laying new concrete. The high chemical resistance of the Belzona 4311 (Magma CR1) top coat offers excellent resistance to the acid mixture, preventing further damage and reducing the future maintenance requirements.

For more examples of Belzona Know - How In Action, please visit https://khia.belzona.com

ISO 9001:2015 Belzona products are FS 695214 ISO 14001:2015 EMS 695213

manufactured under an ISO 9000 Registered Quality Management System.

www.belzona.com

