

ACID MIXING TANK DRIP MITIGATED WITH BELZONA

CUSTOMER
South Africa

APPLICATION DATE
February 2020

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

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.

PRODUCTS
Belzona 9111 (Cleaner Degreaser)
Belzona 4911 (Magma TX Conditioner)
Belzona 4131 (Magma-Screed)
Belzona 4311 (Magma CR1)

SUBSTRATE
Concrete

APPLICATION METHOD
The application was carried out in accordance with Belzona Know-How System Leaflet FPA-3. The concrete was washed repeatedly with Belzona 9111 to remove acid contamination from the concrete. The concrete surface was rebuilt using Belzona 4131 and protected from further chemical attack with Belzona 4311.

BELZONA FACTS
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.

PICTURES

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



1.



2.



3.



4.

For more examples of *Belzona Know-How In Action*, please visit <http://khia.belzona.com>

ISO 9001:2008
Q 09335
ISO 14001:2004
EMS 509612

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

www.belzona.com


BELZONA
Repair • Protect • Improve