Acid mixing tank drip mitigated with Belzona

Industry: *Food & Drink*
Application: *FPA-Floor Problem Areas*
Substrate: *Concrete*
Products: * Belzona 9111 (Cleaner Degreaser) ,
* Belzona 4911 (Magma TX Conditioner) ,
* Belzona 4131 (Magma-Screed) ,
* Belzona 4311 (Magma CR1) ,

Customer Location: *South Africa*
Application Date: *February 2020*

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.

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

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Repair • Protect • Improve

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.