

BELZONA REPAIRS AND PROTECTS AGAINST CHEMICAL ATTACK

ID: 7663

Industry: Commercial Facilities

Application:

Substrate: Concrete and Metal Frames

Products: * Belzona 4141 (Magma-Build) ,
* Belzona 4911 (Magma TX Conditioner) ,
* Belzona 4151 (Magma-Quartz Resin) ,
* Belzona 4131 (Magma-Screed) ,
* Belzona 4311 (Magma CR1) ,

Customer Location: Aviation repair facility, Florida, USA

Application Date: March, 2014

Problem

Sulfuric acid and other chemicals were collecting through the years into the trough and severely compromising the integrity of the structure.



Photograph Descriptions

- * 1. Trough condition before the repair ,
- * 2. Surface preparation and walls rebuilt with Belzona 4141 ,
- * 3. Rebuilding and leveling bottom of trough with mixture of Belzona 4151 and Belzona 4131 ,
- * 4. Completed application after two coats of Belzona 4311 ,

Application Situation

Chemicals storage room spill collection trough.

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

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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Repair • Protect • Improve

Application Method

Application was carried out in accordance with a modified version of Belzona System Leaflets TCC-09, TCC-15 and WPA-04. Damaged concrete was rebuilt and leveled with a slurry mixture of Belzona 4111 and Belzona 4151. Vertical damage was repaired with Belzona 4141. The structure was protected with two coats of Belzona 4311.

Belzona Facts

Belzona has been previously specified for other projects at the facility and performance has been proven. When new problems arise, the Belzona consultant is regularly asked for a solution. Most of the time the Belzona solution is chosen.

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