# BELZONA REPAIRS AND PROTECTS AGAINST CHEMICAL ATTACK

ID: 7663

Industry: Commercial Facilities Customer Location: Aviation repair facility, Florida, USA

Application: Application Date: March, 2014

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),

#### 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.

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ISO 9001:2015 Belzona products are
FS 695214 manufactured under an ISO
ISO 14001:2015 9000 Registered Quality
EMS 695213 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 mixure 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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