

# 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.

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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## 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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