

# BELZONA CONTAINS SULFURIC ACID

ID: 870

**Industry:** Chemical & Petrochemical  
**Application:** TCC-Tanks and Chemical Containment Areas  
**Substrate:** Concrete  
**Products:** Belzona® 4311 (Magma CR-1)<br>Belzona® 4131 (Magma Screed)

**Customer Location:** Ethanol Plant, Iowa, USA  
**Application Date:** April 2007

## Problem

Sulfuric acid leaks were eroding concrete pump bases as well as floor in small containment area



## Photograph Descriptions

\* Concrete block being laid with Belzona® 4131 as mortar , \* Floor sloped to the drain , \* Pumps back in service , \* Completed drain ,

## Application Situation

Sulfuric Acid containment area

## Application Method

Application was carried out in accordance with modified Belzona System Leaflets TCC-9 & 15. Concrete blocks were laid using Belzona® 4131 as mortar. Floor was re-profiled and sloped so any spill would run towards the drain. The entire floor and walls were coated with Belzona® 4311.

## Belzona Facts

Belzona offered the safest and most effective method of containing any spills. The application was carried out over a 3 day shut down, and there were no other alternatives offered to obtain the desired results in a short amount of time.

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.

[www.belzona.com](http://www.belzona.com)

  
**BELZONA®**  
Repair • Protect • Improve