

# Belzona Repairs and Protects the Floor of a Battery Treatment Plant

ID: 7799

**Industry:** General Industry  
**Application:** FPA-Floor Problem Areas  
**Substrate:** Concrete  
**Products:** \* Belzona 4151 (Magma-Quartz Resin) ,  
\* Belzona 4311 (Magma CR1) ,

**Customer Location:** Chemical Plant, France  
**Application Date:** October 2018

## Problem

*The concrete floor of this battery treatment plant was badly damaged by the acid from the batteries. Around 400 tonnes of batteries are treated each day in this plant and the acid attacked the concrete leading to severe pitting up to 40cm deep.*



## Photograph Descriptions

- \* Before application. ,
- \* Before application. ,
- \* After resurfacing with Belzona 4151. ,
- \* Final application after protection with Belzona 4311. ,

## Application Situation

Concrete floor of a battery treatment plant.

## Application Method

The floor was first washed and the surface roughened. Then Belzona 4151 was used with silica sand to resurface the whole area and repair the pitting due to the attack of the acid. Finally, Belzona 4311 was used to protect the floor against further damage from the acid. This was completed in accordance with Belzona Know-How System Leaflet FPA-03.

## Belzona Facts

The application was completed on a Friday afternoon and the equipment was back in service the following Monday. The customer chose Belzona because the team were very responsive to their questions and offered a solution quickly.

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

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9000 Registered Quality  
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