

# DAMAGED FLOORING IN JAIL KITCHEN

ID: 4923

**Industry:** Buildings & Structures  
**Application:** FPA-Floor Problem Areas  
**Substrate:** Ceramic tile  
**Products:** \* Belzona 4191 (Magma TX Conditioner) ,  
\* Belzona 4131 (Magma-Screed) ,

**Customer Location:** Ontario, Canada  
**Application Date:** January 2014

### Problem

The kitchen floor tiles were undermined by water, penetrating the grout and loosening the tile adhesive causing them to lift and break. This created a Health and Safety issue.



### Photograph Descriptions

- \* Complete preparation ,
- \* Kitchen floor prior to application ,
- \* Complete application ,

### Application Situation

Kitchen floor tiles

### Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet FPA-1. To prepare the area, the broken tiles were removed down to the concrete and cleared of any loose material or contamination and abraded to expose the aggregate. Concrete was treated with a layer of Belzona 4191 prior to the Belzona 4131 application. Belzona 4131 was applied to the area initially spreading to a general level using normal screeding technique and then smoothing off using a steel float in accordance with Belzona Instructions For Use.

### Belzona Facts

Belzona 4131 once fully cured will provide excellent protection from the effects of pedestrian traffic and chemicals used in the cleaning process. The system is optimised for rapid cure and accepts pedestrian traffic in as little as 1 hour, a requirement of the

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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 as the kitchen could only be closed for a maximum of 10 hours a day.

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