

# Belzona Repairs Ball Mill Foundations at a Gold Mine

ID: 7862

**Industry:** Mining & Quarrying  
**Application:** FPA-Floor Problem Areas  
**Substrate:** Concrete  
**Products:** \* Belzona 4131 (Magma-Screed) ,  
\* Belzona 4911 (Magma TX Conditioner) ,

**Customer Location:** Mauritania  
**Application Date:** 2018

## Problem

The concrete ball mill foundations degraded over time due to vibrations and warm environment.



## Photograph Descriptions

- \* Before application ,
- \* During the application ,
- \* Final application ,
- \* Overview of the equipment ,

## Application Situation

Concrete ball mill foundations.

## Application Method

The substrate was first prepared by grit blasting prior to the installation of steel reinforcement bars. Belzona 4911 was then applied on the whole surface followed by Belzona 4131. The application was carried out in accordance with a modified version of Belzona Know-How System Leaflets FPA-1 and FPA-3.

## Belzona Facts

Since 2010, the distributor has done several successful applications in cyanide containment areas in gold mines. This red coloured Belzona 4131 has become a 1st choice for concrete repair in gold mines for this sector. Thanks to the success of the first mill foundation application, further repairs will be carried out in 2019. It is estimated that 30 tons of Belzona 4131 will be used over the next year in this particular Gold Mine.

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  
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