

BELZONA REPAIRS BALL MILL FOUNDATIONS AT A GOLD MINE

ID: 7862



PROBLEM

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

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.

INDUSTRY

Mining & Quarrying

LOCATION

Mauritania

APPLICATION DATE

2018

PRODUCTS

Belzona 4131 (Magma-Screed)
Belzona 4911 (Magma TX Conditioner)

SUBSTRATE

Concrete

PHOTOS

1. Before application
2. During the application
3. Final application
4. Overview of the equipment

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