

WALL REPAIR OF CYCLONE FEED SUMP WITH BELZONA

ID: 5533



PROBLEM

Damage on the wall of the cyclone feed sump, due to impact from the fall of ore and balls from mills.

APPLICATION SITUATION

The mine produces 1,400 tons/day of concentrated zinc-silver and 300 tons/day of concentrated lead-silver and required the preparation of the wall of the cyclone feed sump during the 70 hour plant shutdown.

APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflet FPA-1. The surface was prepared with a pressure washer and salt removal products. All loose material was removed and later dried with compressed air.

BELZONA FACTS

Belzona 4111 provides high adhesion to the old concrete, exceptional resistance to impact, vibration, abrasion and chemical attack. To date the repair has not suffered wear or loss of thickness.

INDUSTRY

Mining & Quarrying

LOCATION

Mine, Bolivia

APPLICATION DATE

June 9, 2011

PRODUCTS

Belzona 4111 (Magma-Quartz)

Belzona 4911 (Magma TX Conditioner)

SUBSTRATE

Concrete

PHOTOS

1. Preparation of substrate
2. Application of Belzona 4911
3. Wall repaired with Belzona 4111
4. Inspection on October 20, 2012

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

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