

BELZONA REPAIRS AND PROTECTS CONCRETE CHANNEL

ID: 5550



PROBLEM

The channel presented widespread wear on the surface due to abrasion caused by the flow of copper ore.

APPLICATION SITUATION

Feeding channel of the concrete box.

APPLICATION METHOD

The channel was cleaned in order to remove the copper ore residue. After being dried, the surface was conditioned with Belzona 4911. Wooden structures were installed to recover the walls of the channel. The worn areas were filled with Belzona 4111. Next, they were coated with Belzona 1321, Belzona 9811 and Belzona 1812.

BELZONA FACTS

This system has offered the required resistance against abrasion and the client was very satisfied with the results.

INDUSTRY

Mining & Quarrying

LOCATION

Mine, Brazil

APPLICATION DATE

August 2012

PRODUCTS

Belzona 4111 (Magma-Quartz)
Belzona 4911 (Magma TX Conditioner)
Belzona 1321 (Ceramic S-Metal)
Belzona 1812 (Ceramic Carbide FP)
Belzona 9811

SUBSTRATE

Reinforced Concrete

PHOTOS

1. Wear on the concrete channel.
2. Channel repaired with Belzona 4111.
3. Application of Belzona 9811.
4. Service completed with the application of Belzona 1812 over Belzona 9811.

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