

BELZONA REPAIRS AND PROTECTS CONCRETE CHANNEL

ID: 5550

Industry: *Mining & Quarrying*
Application: *TCC-Tanks and Chemical Containment Areas*

Customer Location: *Mine, Brazil*
Application Date: *August 2012*

Substrate: *Reinforced Concrete*

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

Problem

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



Photograph Descriptions

- * Wear on the concrete channel. ,
- * Channel repaired with Belzona 4111. ,
- * Application of Belzona 9811. ,
- * Service completed with the application of Belzona 1812 over Belzona 9811. ,

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.

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

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