

BELZONA REPAIRS A SCREEN'S BASE

ID: 4890

Industry: General Industry
Application: FPA-Floor Problem Areas
Substrate: Concrete/Metal
Products: * Belzona 4111 (Magma Quartz) ,
* Belzona 4151 (Magma Quartz Resins) ,
* Belzona 4124 (Bulkfill) ,

Customer Location: Mine, MG, Brazil
Application Date: May, 2011

Problem

Excessive vibration generated wear and slack on the screen's concrete base, resulting in damaged anchor bolts.



Photograph Descriptions

- * Screen's base ,
- * Wood mold for the base ,
- * Base with Belzona 4124 ,
- * Application of Belzona 4111/4151. ,

Application Situation

Screen's Base

Application Method

The application was carried out based on Belzona Know-How System Leaflets TCC-9 and FPA-10. The concrete surface was prepared by mechanical scarification. Metallic surface was prepared using mechanical and manual tools according to application standards. After cleaning, the conditioner Belzona 4911 was applied on the concrete. Belzona 4124 was used to fill the base and Belzona 4111/4151 was injected to set the anchor bolts in place.

Belzona Facts

The repair of the base with Belzona products offered excellent mechanical and vibration resistance and allowed a quick return of

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ISO 9001:2015
FS 695214
ISO 14001:2015
EMS 695213

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the equipment back to operation.

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