BELZONA RESTORES ELECTROLYTE PUMP BASES & CONTAINMENT AREA

ID: 4930

Industry:	*Mining & Quarrying*	Customer Location:	*Copper Mine, Arizona*
Application:	*FPA-Floor Problem Areas*	Application Date:	*2013*
Substrate:	*Concrete*		
Products:	** Belzona 4131 (Magma Screed) ,* ** Belzona 4311 (Magma CR1) ,*		

Problem

Deterioration due to chemical attack has jeopardized production of copper. Vibration in the pumps as well as ongoing spalling and acid attack require Belzona products.

Photograph Descriptions

* Damages to pump base caused by sulfuric acid attack ,
* Damages to pump base repaired with Belzona 4131 ,
* Completed repairs to 3 pump bases & containment area ,
* Final application of Belzona 4311 to prevent future chemical attack ,

Application Situation

Leaking copper sulfate/electrolyte with 20 % sulfuric acid, has caused damages to the pump bases and containment area.

Application Method

The application was carried out in accordance with Belzona Know-How System Leaflets FPA-1 and FPA-3. Belzona 4131 was applied with a trowel. Belzona 4311 was applied utilizing a combination of paint brushes and rollers.

Belzona Facts

Belzona was installed quickly and efficiently while the pumps were fully operational. The Belzona system will prevent potential vibrations due to loss of base structural stability. This will prevent possible loss of copper production.

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

Belzona products are manufactured under an ISO 9000 Registered Quality Management System.

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