

BELZONA RESTORES ELECTROLYTE PUMP BASES & CONTAINMENT AREA

CUSTOMER

Copper Mine, Arizona

APPLICATION DATE

2013

APPLICATION SITUATION

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

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.

PRODUCTS

Belzona 4131 (Magma Screed)

Belzona 4311 (Magma CR1)

SUBSTRATE

Concrete

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.

PICTURES

1. Damages to pump base caused by sulphuric acid attack
2. Damages to pump base repaired with Belzona 4131
3. Completed repairs to 3 pump bases & containment area
4. Final application of Belzona 4311 to prevent future chemical attack



1.



2.



3.



4.

For more examples of *Belzona Know-How In Action*, please visit <http://khia.belzona.com>



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