

# BELZONA REPAIRS CRUSHER'S BASE

ID: 4889

**Industry:** Mining & Quarrying  
**Application:** FPA-Floor Problem Areas  
**Substrate:** Concrete and steel bar  
**Products:** \* Belzona 4111 (Magma Quartz) ,  
\* Belzona 4911 (Magma TX Conditioner) ,

**Customer Location:** Mine, BA, Brazil  
**Application Date:** January 2006

## Problem

Over time, the vibration of the 100 ton machine caused the breakage of two fastening screws of the concrete base. The equipment became tilted and some parts of the concrete were already showing the metal structure, causing their oxidation. It was necessary to recover the surface with a concrete repair product with excellent mechanical resistance.



## Photograph Descriptions

- \* General view of the crusher ,
- \* Crusher's base with exposed metal structure ,
- \* Application of Belzona 4111 ,
- \* Crusher's base repaired with Belzona technology ,

## Application Situation

Interior of the crusher's base.

## Application Method

The application was carried out based on Belzona Know-How System Leaflet FPA-1. Surface was prepared with abrasive grit blast and wire brush. After that, the conditioner Belzona 4911 was applied on the concrete and Belzona 4111 was applied to fill out the damaged areas and to rebuild the corner of the base.

## Belzona Facts

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

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

[www.belzona.com](http://www.belzona.com)

  
**BELZONA**  
Repair • Protect • Improve

This application was completed successfully allowing quick return to service.

---

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

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

[www.belzona.com](http://www.belzona.com)

