

## BELZONA REPAIR TO PIVOT PINS OF MILL

### CUSTOMER

Ceramic tile manufacturer, Slovakia

### APPLICATION DATE

2004, 2005 & 2006

### APPLICATION SITUATION

The 70 ton mill is crushing raw materials for the production of tiling and facings.

### PROBLEM

The two pivot pins supporting the crusher are damaged due to loading and working environment.

### PRODUCTS

Belzona® 1111 (Super Metal)

### SUBSTRATE

Steel

### APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System Leaflet MPT-1. Hand portable lathe was used to machine the pivot pins.

### BELZONA FACTS

The traditional repair using welding and subsequent grinding of the pivot pins took 5 weeks. The repair using Belzona took 3 days, resulting into significant savings.

### PICTURES

1. An overall view on the mill
2. An example of the excessive damage of the pins
3. Belzona® 1111 ready to be machined
4. The pivot pin prepared for operation



1.



2.



3.



4.

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



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