

BELZONA REPAIR TO PIVOT PINS OF MILL

ID: 1057

Industry: *General Industry*
Application: *MPT-Mechanical Power Transmission*

Customer Location: *Ceramic tile manufacturer, Slovakia*
Application Date: *2004, 2005 & 2006*

Substrate: *Steel*
Products: *Belzona® 1111 (Super Metal)*

Problem

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



Photograph Descriptions

* An overall view on the mill , * An example of the excessive damage of the pins , * Belzona® 1111 ready to be machined , * The pivot pin prepared for operation ,

Application Situation

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

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.

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

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