

# BELZONA REPAIRS THE GRIP OF A CONVEYOR PULLEY

ID: 5093

Industry: *Mining & Quarrying*  
Application: *SHM-Solids Handling Machinery*

Customer Location: *Mine, Chile*  
Application Date: *August 2005*

Substrate: *Rubber*  
Products: *\* Belzona 1321 (Ceramic S-Metal) ,*  
*\* Belzona 9211 (Supergrip Aggregate) ,*

## Problem

*Due to moisture problems, the conveyor belt slipped from the pulley, burning the coating, which led to loss of grip.*



## Photograph Descriptions

- \* Damaged pulley ,
- \* Drawings on the pulley, applying Belzona 1321 and Belzona 9211 ,
- \* Pulley coated with Belzona 1321 and Belzona 9211 ,
- \* Application completed ,

## Application Situation

Grip of a conveyor belt to prevent slippage.

## Application Method

The areas where the application was to take place had been marked in a chevron pattern. To achieve this, a gummed paper was used and then the surface was prepared, in order to obtain the highest roughness possible to start application of Belzona 1321 and Belzona 9211 products. Application carried out in accordance with Belzona Know-How System Leaflet SHM-12.

## Belzona Facts

Emergency problem was solved without stopping the machine for maintenance, as requested by management. The repair was completed in maximum four hours.

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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manufactured under an ISO  
9000 Registered Quality  
Management System.

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