

# PROTECTION OF CARBIDE MIXTURE TRANSFER EQUIPMENT WITH BELZONA

ID: 1065

Industry: General Industry

Customer Location: Calcium Carbide producer, Slovakia

Application: SHM-Solids Handling Machinery

Application Date: 2002, 2003, 2004

Substrate: Steel

Products: \* Belzona® 1811 (Ceramic Carbide),

## Problem

*The highly abrasive carbide mixture wears tubes, pipe bends as well as the crusher itself.*



## Photograph Descriptions

- \* Repair of the pipes was constantly required ,
- \* The heavily damaged surface of the equipment ,
- \* The application of Belzona® 1811 to pipe bend ,
- \* The pipe bend ready for operation ,

## Application Situation

Carbide mixtures are finely crushed and then transferred using suction feeding to the place of despatch.

## Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet SHM-11.

## Belzona Facts

Prior to the application it was required to change every 6 months the pipe sections as well as the parts of the crusher. Belzona application has prolonged the service life to 24 months, meaning that €24,000 was saved by customer over two years.

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

ISO 9001:2015

Belzona products are

FS 695214

manufactured under an ISO

ISO 14001:2015

9000 Registered Quality

EMS 695213

Management System.

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

  
**BELZONA**  
Repair • Protect • Improve