

# BELZONA PROTECTS PIPELINE AND VALVES FROM CEMENT ABRASION

ID: 2455

Industry: *Cement*  
Application: *VPF-Valves, Pipes and Fittings*  
Substrate: *steel*  
Products: *\* Belzona® 1811 (Ceramic Carbide),*

Customer Location: *Cement producer, Slovakia*  
Application Date: *2000*

## Problem

*There was high abrasion caused by cement leading to local material loss of metal from valve body.*



## Photograph Descriptions

- \* Badly eroded valve ,
- \* Grit blasting the valves ,
- \* Completed valve body ,
- \* Re-assembled valve protected with Belzona® 1811 ,

## Application Situation

Pipes and valves used to transport cement dust.

## Application Method

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

## Belzona Facts

The Belzona solution was initially accepted by customer because repair took only a few hours and the mill shut-down was very short. Since the first repairs in 2000 many more of these repairs have been completed.

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.

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