

# Belzona Repairs Blower Wheel

ID: 7595

Industry: Cement

Application: SHM-Solids Handling Machinery

Customer Location: Cement Producer, Slovakia

Application Date: 2016

Substrate: Steel

Products: \* Belzona 1811 (Ceramic Carbide) ,  
\* Belzona 1812 (Ceramic Carbide FP) ,

## Problem

Where the cement hits some areas of the blower they experienced severe abrasion and erosion. They required an alternative to welding fresh metal plates to reinstate lost material.



## Photograph Descriptions

- \* 1. Blower. ,
- \* 2. Damaged areas. ,
- \* 3. After grit blasting. ,
- \* 4. Belzona 1811 application. ,

## Application Situation

Blower used in pneumatic sorting of cement.

## Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet SHM-8

## Belzona Facts

In some cases it was not possible to weld new plates as substrate was too thin and in difficult to reach areas. Belzona protection was a faster and more effective solution. It is also easier to maintain in future.

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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