

# 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

Belzona products are  
manufactured under an ISO  
9000 Registered Quality  
Management System.

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

  
**BELZONA**<sup>®</sup>  
Repair • Protect • Improve