

# Belzona Extends the Life of Mixing Blades

ID: 7616

Industry: *General Industry*

Customer Location: *Plaster Production Factory, Slovakia*

Application: *SHM-Solids Handling Machinery*

Application Date: *2016*

Substrate: *Steel*

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

## Problem

*Heavy erosion, without any protection a mixing anchor lasted about 3 months.*



## Photograph Descriptions

- \* 1. Mixing machine ,
- \* 2. Belzona 1812 and 9811 application ,
- \* 3. Anchor after 12 months mixing ,
- \* 4. Anchors after 4 years in service ,

## Application Situation

Customer used special anchors for mixing in plaster production.

## Application Method

Application was carried out in accordance with Belzona System Leaflet SHM-7.

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 Facts

Conventional welding of hard steel wear plates was very complicated. After a 6 month trial with Belzona protection there was no damage, after this the customer ordered all future anchors to use the Belzona protection system.

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