

# Belzona Extends the Life of Mixing Blades

ID: 7616

Industry: General Industry

Application: SHM-Solids Handling Machinery

Customer Location: Plaster Production Factory, Slovakia

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.

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## 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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