

# BELZONA SOLVES PROBLEM WITH AGITATOR BLADES

ID: 120

Industry: Sugar  
Application: FBC-Fans, Blowers and Compressors

Customer Location: Sugar Beet Mill in Italy  
Application Date: 1992

Substrate: Steel  
Products: \* Belzona® 1311 (Ceramic R-Metal) ,  
\* Belzona® 1321 (Ceramic S-Metal) ,  
\* Belzona® 2121 (D&A Hi-Coat Elastomer) ,

## Problem

*Abrasive solids in settling tank caused erosion on the surface of the agitator blades.*



## Photograph Descriptions

- \* Damaged base of agitator. ,
- \* Blades rebuilt with Belzona® 1000 Series product. ,
- \* Application of Belzona® 2000 Series product. ,

## Application Situation

Agitator in settling tank of wastewater treatment station in a sugar beet mill

## Application Method

The application was carried out in accordance with a modified version of Belzona Know-How Leaflet FBC-1.

## Belzona Facts

When damage is due primarily to abrasion, the recommended solution is to rebuild and coat with the Belzona® Ceramic Metal System respectively. The Belzona® 2000 Series Elastomeric Polymers also may be used when impact and abrasion are the contributing factors.

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®**  
Repair • Protect • Improve