

# 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

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manufactured under an ISO  
9000 Registered Quality  
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