

BELZONA SOLVES PROBLEM WITH AGITATOR BLADES

ID: 120



PROBLEM

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

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.

INDUSTRY

Sugar

LOCATION

Sugar Beet Mill in Italy

APPLICATION DATE

1992

PRODUCTS

Belzona 1311 (Ceramic R- Metal)
Belzona 1321 (Ceramic S-Metal)
Belzona 2121 (D&A Hi-Coat Elastomer)

SUBSTRATE

Steel

PHOTOS

1. Damaged base of agitator.
2. Blades rebuilt with Belzona 1000 Series product.
3. Application of Belzona 2000 Series product.

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

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