

BELZONA PROTECTS BLADES EFFECTIVELY AGAINST ABRASIVE PULPS

ID: 7485



PROBLEM

Severe blade abrasion

APPLICATION SITUATION

Pulp-agitator blades in the chemical section of the phosphate mine.

APPLICATION METHOD

After removing the remainder of the rubber coating, the blades were welded on the heavily damaged areas. The surface was then grit-blasted before the application of Belzona 1812 according to the SHM-13 Belzona procedure.

BELZONA FACTS

Previously, the mine had to shut down the tank every month to replace the rubber-coated blades. Once coated with Belzona 1812, the blades were inspected after 12 months in service and were in good condition, requiring some retouching on about 10% of the surface: In 2017, the customer asked for a repair of 16 blades for other storage tanks.

INDUSTRY

Mining & Quarrying

LOCATION

Mines, Chemicals Sector, Senegal

APPLICATION DATE

February 2016

PRODUCTS

Belzona 1812

SUBSTRATE

Carbon steel

PHOTOS

1. Initial repair by welding.
2. Blades protected with Belzona 1812
3. Blades inspected after 12 months in service

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

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under an ISO 9001 Registered
Quality Management System.

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