

BELZONA PROTECTS SCREW CONVEYOR AGAINST ABRASION

ID: 7486



PROBLEM

Abrasion of welds. Welding of the screw every 12 months. Service life: 5 years

APPLICATION SITUATION

11 meter long stainless steel screw conveyor, tube Ø 700 for the transport of wood bark.

APPLICATION METHOD

The surface was grit-blasted and a layer of Belzona 1311 was applied. Ceramic tiles were placed and coated with Belzona 1311. The surface was then grit-blasted and Belzona 1341 was applied in 2 layers.

BELZONA FACTS

Visit after 12 months: no visible abrasions or tile detachment

INDUSTRY

Power

LOCATION

Biomass power plant, France

APPLICATION DATE

June 2015

PRODUCTS

Belzona 1311(Ceramic R-Metal) Belzona 1341 (Supermetalgilde) Belzona 9811

SUBSTRATE

Steel

PHOTOS

1. Grit-blasted screw conveyor
2. Application of ceramic tiles on Belzona 1311
3. Finished application

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

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