

BELZONA PUTS SCREW CONVEYOR BACK IN ACTION

CUSTOMER

Sugar Mill, France

APPLICATION DATE

June 2018

APPLICATION SITUATION

Screw conveyor, displacing sugar beets

PROBLEM

Erosion/corrosion caused pitting damage on the screw conveyor surface. Damage due to the beets as well as rocks and gravels.

PRODUCTS

Belzona 1311 (Ceramic R-Metal)

Belzona 1331

SUBSTRATE

Carbon Steel

APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System Leaflet SHM-14.

BELZONA FACTS

The customer had carried out a trial using Belzona 1321 over a 2 years period. the coating only showed minor wear (<10% of the surface). It was therefore decided to protect the entire screw using Belzona 1331, which should provide long term erosion protection. As the installation of the screw require work involving a crane, extending the life of the screw in service in critical for this plant in order to save time and money.

PICTURES

1. Screw Conveyor
2. Extend of the pitting
3. Rebuilding of the pitted areas
4. Belzona 1331 applied as a protective coating



1.



2.



3.



4.

For more examples of *Belzona Know-How In Action*, please visit <http://khia.belzona.com>



ISO 9001:2008
Q 09335
ISO 14001:2004
EMS 509612

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