

BELZONA PROTECTS AUGER SCREWS AT CEMENT PLANT

CUSTOMER

Cement Producer, Lithuania

APPLICATION DATE

February 2010

APPLICATION SITUATION

Coal transporter at cement plant.

PROBLEM

The auger screws suffer severe abrasion and client needed an effective protection system.

PRODUCTS

Belzona® 1812 (Ceramic Carbide FP)

Belzona® 1321 (Ceramic S-Metal)

SUBSTRATE

Carbon steel

APPLICATION METHOD

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

BELZONA FACTS

Application of Belzona® 1321 on top of the Belzona® 1812 gave smoother finish, which prevented the damp coal sticking to the screw surfaces. Local repairs to high wear areas were carried out annually to maintain the screw protection until new plant was installed in 2012.

PICTURES

1. General view of screws after 1 year in service
2. The view after surface preparation
3. Belzona® 1812 application on both sides of helical outer surfaces
4. Belzona® 1321 application and completed job



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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