

BELZONA PROTECTS AUGER SCREWS AT CEMENT PLANT

ID: 1437



PROBLEM

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

APPLICATION SITUATION

Coal transporter at cement plant.

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.

INDUSTRY

Cement

LOCATION

Cement Producer, Lithuania

APPLICATION DATE

February 2010

PRODUCTS

Belzona 1812 (Ceramic Carbide FP)
Belzona 1321 (Ceramic S-Metal)

SUBSTRATE

Carbon steel

PHOTOS

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

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