

## BELZONA PROTECTS SCREW AUGER FROM ABRASION AND CHEMICAL ATTACK

### CUSTOMER

Bavaria, Germany

### APPLICATION DATE

April 2009

### APPLICATION SITUATION

Screw Auger

### PROBLEM

A coating was needed on to protect a screw auger against abrasion and chemical attack.

### PRODUCTS

Belzona 1811 (Ceramic Carbide)

Belzona 4311 (Magma CR1)

### SUBSTRATE

Steel, ST-37

### APPLICATION METHOD

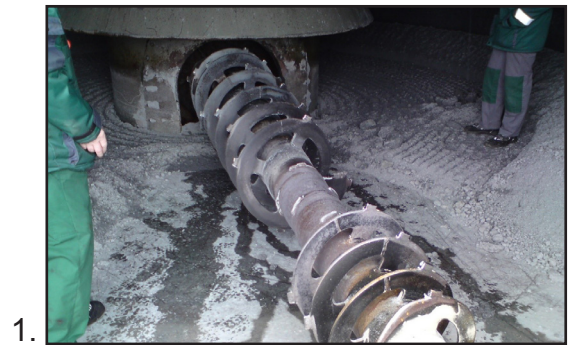
After surface preparation, Belzona 1811 was applied to protect against abrasive attack and Belzona 4311 to protect against chemical attack.

### BELZONA FACTS

The Belzona solution was preferred because it is significantly cheaper than replacing the Screw Auger. As well as this, the maintenance team were able to perform the repair in-situ and the Belzona materials cured significantly faster than other materials so the screw auger was able to go back into operation quickly.

### PICTURES

1. Before the application.
2. Before the application (close up).
3. After the application.
4. 8 years later.



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