

Belzona Protects Screw Auger from Abrasion and Chemical Attack

ID: 7508

Industry: *Pulp & Paper*

Customer Location: *Bavaria, Germany*

Application:

Application Date: *April 2009*

Substrate: *Steel, ST-37*

Products: ** Belzona 1811 (Ceramic Carbide) ,*

** Belzona 4311 (Magma CR1) ,*

Problem

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



Photograph Descriptions

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

Application Situation

Screw Auger

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.

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

ISO 9001:2015

Belzona products are

FS 695214

manufactured under an ISO

ISO 14001:2015

9000 Registered Quality

EMS 695213

Management System.

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