

BELZONA PROTECTS SCREW AUGER FROM ABRASION AND CHEMICAL ATTACK

ID: 7508



PROBLEM

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

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.

INDUSTRY

Pulp & Paper

LOCATION

Bavaria, Germany

APPLICATION DATE

April 2009

PRODUCTS

Belzona 1811 (Ceramic Carbide)
Belzona 4311 (Magma CR1)

SUBSTRATE

Steel, ST-37

PHOTOS

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

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

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under an ISO 9001 Registered
Quality Management System.

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