

PRESS ROLL REPAIR WITH BELZONA

ID: 2557



PROBLEM

Corrosion had led to perforation of side plates.

APPLICATION SITUATION

Size press roll from a paper machine.

APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System Leaflet TCC-5. The side plate was first rebuilt using Belzona® 1111. Once hard enough, two coats of Belzona® 1341 were applied to achieve a final coating thickness of 500 µm.

BELZONA FACTS

The application was completed in just two days. Since 2008, the refurbished roll is still in service and further rollers have been coated, saving the pulp and paper mill the cost and delay of buying new rollers at a price of £3000 each.

INDUSTRY

Pulp & Paper

LOCATION

Pulp and paper mill, Germany

APPLICATION DATE

July 2008

PRODUCTS

Belzona 1111 (Super Metal)
Belzona 1341 (Supermetalgilde)

SUBSTRATE

Steel

PHOTOS

1. Corroded side plate
2. Grist-blasted side plate
3. Application of Belzona 1111
4. Completed application

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

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