

BELZONA RESTORES THE PROPER SURFACE PROFILE TO A PRESS ROLL

ID: 318



PROBLEM

Belzona® 1111 (Super Metal) was used to repair the damaged surface of the press roll after a metal bolt had gone through the machine. The roll was then unable to remove water from the paper. This produced poor quality paper and resulted in breaks.

APPLICATION SITUATION

Press roll surface profile.

APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflet SHM-9.

BELZONA FACTS

After an initial cure of 2-hours, the material was machined and subsequently rectified to obtain the appropriate surface finish. Belzona® 1111 (Super metal) P&J hardness of between eight and nine closely matched the existing rubber hardness of the roll.

INDUSTRY

Pulp & Paper

LOCATION

Paper Mill in Minnesota, USA

APPLICATION DATE

1999

PRODUCTS

Belzona 1111 (Super Metal)

SUBSTRATE

Rubber lined steel

PHOTOS

1. Applying Belzona 1111 (Super Metal) to damaged press roll
2. Removing excess Belzona from repair area
3. Machining repair to tolerances
4. Final rectification to maintain proper surface finish.

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

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

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