

BELZONA RESTORES THE PROPER SURFACE PROFILE TO A PRESS ROLL

CUSTOMER

Paper Mill in Minnesota, USA

APPLICATION DATE

1999

APPLICATION SITUATION

Press roll surface profile.

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.

PRODUCTS

Belzona® 1111 (Super Metal)

SUBSTRATE

Rubber lined steel

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 P&J hardness of between eight and nine closely matched the existing rubber hardness of the roll.

PICTURES

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



1.



2.



3.



4.

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



ISO 9001:2008
Q 09335
ISO 14001:2004
EMS 509612

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