

# SUCTION ROLL REFURBISHED WITH BELZONA

ID: 265

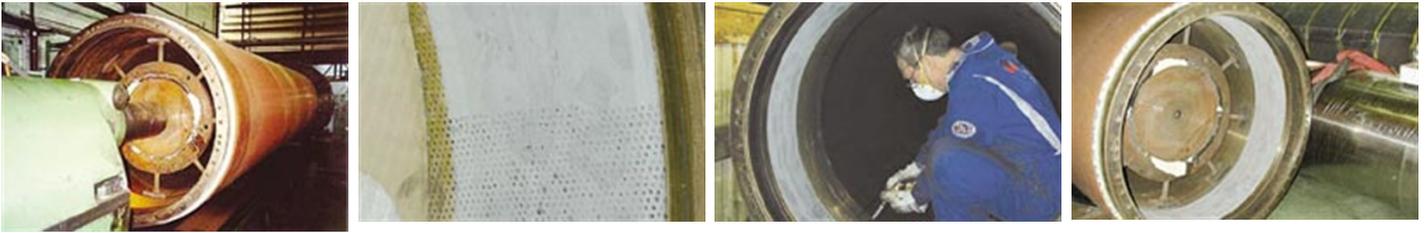
Industry: *Pulp & Paper*  
Application: *PDP-Positive Displacement Pumps*

Customer Location: *Paper mill in Germany*  
Application Date: *February 2000*

Substrate: *Bronze*  
Products: *\* Belzona® 1111 (Super Metal) ,*

## Problem

*Suction box became loose and scored the suction roll surface.*



## Photograph Descriptions

- \* The roll mounted in lathe ,
- \* Belzona® 1111 applied and some of the re-drilled holes ,
- \* Final work being done on the rebuilt surface ,
- \* The completed application. ,

## Application Situation

Internal surface of suction roll from paper machine

## Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet PDP-3. Worn area rebuilt with Belzona® 1111, machined to correct diameter, then holes re-drilled through suction roll.

## Belzona Facts

The only alternative was to re-sleeve the suction roll but the delivery time of several weeks for the sleeve was unacceptable to the mill.

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

ISO 9001:2015  
FS 695214  
ISO 14001:2015  
EMS 695213

Belzona products are  
manufactured under an ISO  
9000 Registered Quality  
Management System.

[www.belzona.com](http://www.belzona.com)

  
**BELZONA**  
Repair • Protect • Improve