

# PRESS ROLL REPAIR WITH BELZONA

ID: 2557

**Industry:** *Pulp & Paper*  
**Application:** *TCC-Tanks and Chemical Containment Areas*  
**Substrate:** *Steel*  
**Products:** *\* Belzona® 1111 (Super Metal) ,  
\* Belzona® 1341 (Supermetalglide) ,*

**Customer Location:** *Pulp and paper mill, Germany*  
**Application Date:** *July 2008*

## Problem

*Corrosion had led to perforation of side plates.*



## Photograph Descriptions

- \* Corroded side plate ,
- \* Grist-blasted side plate ,
- \* Application of Belzona® 1111 ,
- \* Completed application ,

## 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.

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

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manufactured under an ISO  
9000 Registered Quality  
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