

## BELZONA RESTORES PERFORATED PROFILE OF COUCH ROLL

### CUSTOMER

Paper Mill in Quebec, Canada

### APPLICATION DATE

January 1998

### APPLICATION SITUATION

A hollow perforated Couch Roll containing one or two stationary high-vacuum suction boxes for de-watering the sheet.

### PROBLEM

A mill wright's tool was introduced onto the couch roll and caused damage to a foot long section of the roll.

### PRODUCTS

Belzona® 1111 (Super Metal)

### SUBSTRATE

Bronze

### APPLICATION METHOD

The application was carried out in accordance with a modified version of Belzona Know-How System Leaflet SHM-12.

### BELZONA FACTS

Typically a new couch roll costs between \$500,000 and \$700,000 in addition to the downtime costs of the paper machine.

### PICTURES

1. Rebuilding the foot long damage area with Belzona® 1111.
2. Inserting the tapered nylon plugs.
3. Grinding the plugs as well as the Belzona® 1111 flush with the roll.
4. Finished repair with the roll profile restored.



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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