

# BELZONA RESTORES PERFORATED PROFILE OF COUCH ROLL

ID: 42

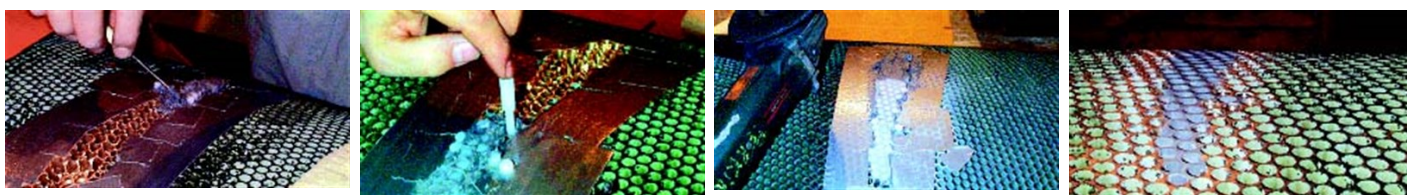
Industry: *Pulp & Paper*  
Application: *SHM-Solids Handling Machinery*

Customer Location: *Paper Mill in Quebec, Canada*  
Application Date: *January 1998*

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

## Problem

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



## Photograph Descriptions

- \* Rebuilding the foot long damage area with Belzona® 1111 (Super Metal) ,
- \* Inserting the tapered nylon plugs ,
- \* Grinding the plugs as well as the Belzona ® 1111 (Super Metal) flush with the roll ,
- \* Finished repair with the roll profile restored ,

## Application Situation

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

## Application Method

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

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