

# HD CLEANER CONE REPAIRED WITH BELZONA

ID: 5252

Industry: *Pulp & Paper*

Application: *SHM-Solids Handling Machinery*

Customer Location: *Trenton, ON, Canada*

Application Date: *September 2011*

Substrate: *Cast iron*

Products: *\* Belzona 1121 (Super XL-Metal) ,  
\* Belzona 1812 (Ceramic Carbide FP) ,  
\* Belzona 9811 (Alumina Tiles) ,*

## Problem

*Abrasion caused by removal of unwanted solids from pulp paper.*



## Photograph Descriptions

- \* Prior to application ,
- \* Application in progress ,
- \* Application in progress ,
- \* Completed application ,

## Application Situation

High Density (HD) cleaner cone.

## Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet SHM-7 for bonding and grouting tiles and wear plates. The cone was blasted to prepare the surface before application. Belzona 1121 was applied with an applicator, filling all the worn areas and reprofiling the cast iron. Belzona 9811 was bonded to Belzona 1812 and grouted in between the tiles after they

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

were all bonded.

## Belzona Facts

Belzona 1121 is a two-component, paste grade material based on a ceramic steel reinforced polymer system. This fully machinable product provides a cost effective solution to general engineering repairs. Belzona 1812 is a two-component repair and protective coating for the protection of surfaces subject to abrasive attack. Belzona 9811 is supplied on a flexible mat that is easily bonded to create a hard wearing abrasion resistant lining capable of forming many different contours. These tiles are bonded into place and grouted with Belzona materials to form a high performance abrasion resistant system.

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