

# BELZONA SAVES RECYCLING DRUM FOR SECOND TIME

ID: 1267

Industry: *Pulp & Paper*  
 Application: *TCC-Tanks and Chemical Containment Areas*  
 Substrate: *Carbon steel and incompatible weld.*  
 Products: *\* Belzona 1311 (Ceramic R-Metal) ,*  
*\* Belzona 1321 (Ceramic S-Metal) ,*

Customer Location: *Paper Mill, North America*  
 Application Date: *1997 & March, 2009*

## Problem

*Bi-metallic corrosion on approximately 70% of the un-protected welds found in 1997. Belzona system applied and inspection of the application after 12 years proves that Belzona provided the right solution for the problem. Belzona was selected to be re-applied to further protect the drum.*



## Photograph Descriptions

- \* Original application in 1997 ,
- \* After grit blasting Belzona still protecting the critical welds after 12 years. ,
- \* Belzona 1311 being applied ,
- \* Completed project after application of Belzona 1321 ,

## Application Situation

Recycling Drum (30ft long and 10ft diameter) used to recycle newsprint. Drum is operated 24 hours a day, 7 days a week at 120°F and pH 10-11.

## Application Method

The application was carried out in accordance with a modified version of Belzona Know-How Leaflet TCC-5.

## Belzona Facts

The original Belzona application has provided 12 years protection in this corrosive and abrasive environment and saved literally

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.

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**BELZONA**  
 Repair • Protect • Improve

millions of dollars in replacement cost and downtime. The customer can rest assured that this drum will be protected for a long time with this second application of Belzona.

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