

# BELZONA REPAIRED RECYCLING DRUM LASTS 12 YEARS

ID: 1266

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

Customer Location: *USA*  
 Application Date: *April 1997*

## Problem

*Bi-metallic corrosion on approximately 70% of the weld.*



## Photograph Descriptions

- \* Remaining Belzona 1311 from application 12 years ago ,
- \* Additional remaining Belzona 1311 from original application ,
- \* Remaining Belzona 1321 from application 12 years ago ,
- \* Additional remaining Belzona 1321 from original application ,

## Application Situation

A paper mill recycling drum (30 long and 10 diameter) used to recycle newsprint. It operates 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 System Leaflet TCC-5.

## Belzona Facts

The application literally saved millions of dollars in replacement costs and downtime. The pictures show how much Belzona Ceramic R-Metal is left protecting the incompatible welds and Ceramic S-metal is left protecting the surface of the steel. Inspection of the application after 12 years of continuous service and sandblasting with coal slag proves that Belzona provided the right solution for

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

the problem.

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