

# BELZONA SAVES RECYCLING DRUM AT PAPER MILL

ID: 72

**Industry:** *Pulp & Paper*  
**Application:** *TCC-Tanks and Chemical Containment Areas*

**Customer Location:** *Paper Mill in North America*  
**Application Date:** *April 1997*

**Substrate:** *Carbon steel and incompatible weld*  
**Products:** *\* Belzona® 1311 (Ceramic R-Metal) ,*  
*\* Belzona® 1321 (Ceramic S-Metal) ,*

## Problem

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



## Photograph Descriptions

- \* Entrance to 30' long and 10' diameter recycling drum. ,
- \* Close-up view of corroded seams. ,
- \* Seam areas rebuilt with Belzona® 1311. Entire drum received two coats of Belzona® 1321 for erosion/corrosion protection. ,

## Application Situation

Recycling drum (30' long and 10' diameter) used to recycle newsprint 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 Leaflet TCC-5.

## Belzona Facts

The customer saved literally millions of dollars in replacement cost and downtime. The corrosion problem has been stopped.

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

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