

# BELZONA® PROTECTS A MASSIVE THICKENER AT A STEEL MILL

ID: 4671

**Industry:**  
**Application:** TCC-Tanks and Chemical Containment Areas  
**Substrate:** Carbon steel  
**Products:** \* Belzona® 1111 (Super Metal) ,  
 \* Belzona® 5891 (HT Immersion Grade) ,

**Customer Location:** Steel Mill, USA  
**Application Date:** 2008

## Problem

*Thickener suffering from a severe corrosion*



## Photograph Descriptions

- \* The walls of the thickener suffering from corrosion ,
- \* Application of Belzona 5891 by spray ,
- \* Belzona coating damaged caused by welding work done to the outside of the thickener. The damage was faired with Belzona 1111 and overcoated with Belzona 5891 ,
- \* The walls of the thickener after 1-year inspection ,

## Application Situation

Thickener at a steel mill

## Application Method

Application was carried out in accordance with a modified version of Belzona Know-How System Leaflet TCC-3. Belzona® 5891 was applied using airless spray equipment.

## Belzona Facts

The thickener has been in service for 5 years since the repair with Belzona was done. Both 1-year and 5-year inspections found the equipment in a good condition.

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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 Repair • Protect • Improve

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