

# BELZONA PROVIDES FAST INTERIOR PROTECTION OF TWO CYANIDE DESTRUCTION TANKS

ID: 5092

Industry: *Mining & Quarrying*  
Application: *TCC-Tanks and Chemical Containment Areas*  
Substrate: *Steel ASTM A36*  
Products: *\* Belzona 4151 (Magma-Quartz Resins) ,*

Customer Location: *Gold mine*  
Application Date: *September 2009*

## Problem

*Aggressive chemical attack, cavitation and erosion of suspended solids in processing tanks that operate with permanent entry and exit of fluids and mixing blades.*



## Photograph Descriptions

- \* Original conditions in the interior of the tank ,
- \* Image of the tank and airless spray equipment ,
- \* Mixing Belzona 4151 ,
- \* Application completed ,

## Application Situation

Tank interior

## Application Method

After blasting, Belzona 4151 was applied with airless spray equipment in accordance with Belzona Know-How System Leaflet TCC-5.

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 Facts

It is common to use paints to protect tanks, but these paints are not designed for the working conditions they are subjected to. As a result they deteriorate rapidly, which leaves the metallic parts exposed. After a technical evaluation, it was decided to apply a coating of Belzona 4151 due to its superior resistance to chemical attack, erosion and cavitation. The product was applied with Airless Graco Xtreme X70 equipment, which is able to cover large areas in a short amount of time in order to reduce downtime.

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