

BELZONA PROVIDES FAST INTERIOR PROTECTION OF TWO CYANIDE DESTRUCTION TANKS

ID: 5092



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.

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.

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.

INDUSTRY

Mining & Quarrying

LOCATION

Gold mine

APPLICATION DATE

September 2009

PRODUCTS

Belzona 4151 (Magma-Quartz Resins)

SUBSTRATE

Steel ASTM A36

PHOTOS

1. Original conditions in the interior of the tank
2. Image of the tank and airless spray equipment
3. Mixing Belzona 4151
4. Application completed

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

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