## BELZONA PROVIDES LONG TERM PROTECTION FOR ION EXCHANGE VESSEL

ID: 5552

Industry: Mining & Quarrying

Application: TCC-Tanks and Chemical Containment

Areas

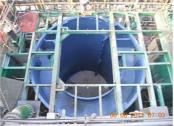
Substrate: Mild Steel

Products: \* Belzona 1321 (Ceramic S-Metal),

**Problem** 

An existing glassflake lining suffered regular localized damage.

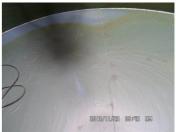






Customer Location: Uranium Mine, Malawi

Application Date: April 2011



# **Photograph Descriptions**

- \* External view of Resin in Pulp tank.,
- \* Completed application of Belzona 1321 in 2011.,
- \* Inspection in 2013. Lining has stained from the process but is in perfect condition. ,
- \* Close view of the base of the tank where the most wear occurs. Lining in excellent condition. ,

### **Application Situation**

Resin in Pulp ion exchange process tanks at uranium mine.

## **Application Method**

The customer decided in 2011 to replace the failing glassflake lining entirely with Belzona 1321. The application was carried out in accordance with Belzona Know-How System Leaflet TCC-3. Following surface preparation to the required standards, all internal surfaces were lined with three coats of Belzona 1321 for additional erosion protection. Following lining, the application was thoroughly inspected prior to return to service.

#### **Belzona Facts**

Following repeated failure and disbondment of the original glassflake lining, the customer sought an alternative lining and selected Belzona 1321 based on its superior erosion resistance and performance in immersion.

For more examples of Belzona Know - How In Action, please visit https://khia.belzona.com

ISO 9001:2015

Belzona products are
FS 695214

ISO 14001:2015

Belzona products are
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Management System.

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