

# BELZONA PROTECTS PUMP PLINTH

ID: 422

**Industry:** General Industry

**Customer Location:** Manufacturer of television tubes in Germany.

**Application:** TCC-Tanks and Chemical Containment Areas

**Application Date:** December 2000

**Substrate:** Concrete

**Products:** \* Belzona® 4111 (Magma - Quartz) ,  
\* Belzona® 4341 (Magma CR4) ,

## Problem

98% Sulphuric acid leaking from the pump had damaged the grout between the acid resistant tiles and attacked the concrete beneath.



## Photograph Descriptions

- \* The damaged pump plinth ,
- \* Rebuilt with Belzona® 4111 ,
- \* And coated with Belzona® 4341 ,

## Application Situation

Pump Plinth

## Application Method

After removing the tiles and damaged concrete the plinth was rebuilt to the original size with Belzona® 4111. Two coats of Belzona® 4341 were then applied to offer long term, hot acid protection of the plinth.

## Belzona Facts

The Belzona solution provides a seamless barrier to the acids and has no weak spots. Belzona® 4341 can resist up to 75% H<sub>2</sub>SO<sub>4</sub> at 90°C.

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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