# **BELZONA SOLVES ACID ATTACK**

ID: 636

Industry: Chemical & Petrochemical Customer Location: Chemical Plant, Cheshire UK

Application: TCC-Tanks and Chemical Containment Application Date: March 2003

Areas

Substrate: Concrete

Products: \* Belzona® 4311 (Magma CR1),

\* Belzona® 4111 (Magma-Quartz),

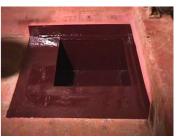
#### **Problem**

Hydrochloric acid was seeping into a nearby water course. The problem was tracked down to a sump where hydrochloric acid had eaten through the concrete.









## **Photograph Descriptions**

- \* The extent of the proplem,
- \* Belzona fills the hole,
- \* Sump rebuilt,
- \* Finished application,

### **Application Situation**

Sump in chemical plant

### **Application Method**

Application was carried out in accordance with Belzona Know-How System Leaflet TCC-15.

## **Belzona Facts**

After the original insert box was removed the large hole that had been made by the acid eating though the concrete, leaving only remnants of the reinforcing bar was discovered. With the use of heaters, the hole was repaired and sump protected with Belzona within the allowed three-day time frame. Still performing as expected – problem totally solved.

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

ISO 9001:2015 Belzona products are
FS 695214 manufactured under an ISO
ISO 14001:2015 9000 Registered Quality
EMS 695213 Management System.

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Repair • Protect • Improve