

# BELZONA SEALS CRACKS IN UNDERWATER CONCRETE TANK

ID: 349

**Industry:** Water / Wastewater  
**Application:** TCC-Tanks and Chemical Containment Areas  
**Substrate:** Concrete  
**Products:** \* Belzona® 4111 (Magma Quartz),

**Customer Location:** California water plant, U.S.A.  
**Application Date:** 1998

## Problem

Various concrete cracks in the base of this aquaduct leaked copious amounts of water.



## Photograph Descriptions

- \* Diver sent down to begin the application ,
- \* Diver utilizing a putty knife to force Belzona® 4111 (Magma Quartz) into concrete cracks ,
- \* Large section of spalled concrete repaired ,

## Application Situation

Concrete cracks in base of aquaduct.

## Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet TCC-9.

## Belzona Facts

The aquaduct could not be drained so the only alternative was to do an underwater application. The slurry version of the Belzona® 4111 (Magma Quartz) can easily wet out the concrete and even though adhesion is reduced, the repair was still a success.

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

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manufactured under an ISO  
9000 Registered Quality  
Management System.

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