

# Belzona Concrete Tank Repair

ID: 8033

Industry: Water / Wastewater  
Application: TCC-Tanks and Chemical Containment Areas  
Substrate: Concrete  
Products: \* Belzona 1161 ,  
\* Belzona 5831 ,

Customer Location: Lisbon  
Application Date: April 2019

## Problem

A large concrete tank used for supplying potable water for 3 of the neighboring cities was severely damaged internally. The cracked concrete was causing water to leak out of the external wall of the tank onto the road.



## Photograph Descriptions

- \* 1. External view of the concrete tanks ,
- \* 2. Pressure washing/cleaning the concrete ,
- \* 3. Filling in the damaged concrete with Belzona 1161 ,
- \* 4. Coating of Belzona 5831 ,

## Application Situation

Repairing and coating of a concrete tank used for storing potable water.

## Application Method

The concrete tanks were pressure washed to get rid of any loose bits of concrete and to clean the tank walls before coating. As parts of the concrete walls were severely cracked, Belzona 1161 was used to fill in the damaged area. Finally Belzona 5831 was chosen to be applied onto the damp concrete as it is a product that cures in immersion.

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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## Belzona Facts

As these tanks were providing water to 3 of the neighboring cities, the application team only had 6 hours at a time to carry out the application before the tanks had to start being pumped back up with water again.

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