

BELZONA CONCRETE TANK REPAIR

CUSTOMER

Lisbon

APPLICATION DATE

April 2019

APPLICATION SITUATION

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

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.

PRODUCTS

Belzona 1161
Belzona 5831

SUBSTRATE

Concrete

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.

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.

PICTURES

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



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