

# BELZONA RESTORES POTABLE WATER SUPPLY TO CHINESE CITY

ID: 326

**Industry:** Water / Wastewater

**Customer Location:** Municipal concrete water pipeline in  
Guang Dong Province, China

**Application:** VPF-Valves, Pipes and Fittings

**Application Date:** August 1999

**Substrate:** Steel reinforced concrete.

**Products:** \* Belzona® 4211 (Magma Stop) ,  
\* Belzona® 4111 (Magma Quartz) ,

## Problem

Routine construction above caused physical damage to this 1.2 meter diameter concrete pipeline carrying potable water to Guang Dong Province.



## Photograph Descriptions

- \* Pipe leaking large volumes of potable water ,
- \* Pipe damage prepared for Belzona repair ,
- \* Repair completed with Belzona® 4111 (Magma Quartz) ,

## Application Situation

Damaged to concrete water pipeline.

## Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet VPF-11b.

## Belzona Facts

Water pressure was cut from the line and the damaged area prepared with small grinders to remove the loose concrete and get to the exposed rebar. Belzona® 4211 (Magma Stop) was then used to quickly seal the hole and Belzona® 4111 (Magma Quartz) to reinforce the repair area. After curing the Belzona with external heat, the repair was put back into service after only three and one half hours of cure.

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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