

BELZONA RESTORES POTABLE WATER SUPPLY TO CHINESE CITY

CUSTOMER

Municipal concrete water pipeline in Guang Dong Province, China

APPLICATION DATE

August 1999

APPLICATION SITUATION

Damaged to concrete water pipeline.

PROBLEM

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

PRODUCTS

Belzona® 4211 (Magma Stop)

Belzona® 4111 (Magma Quartz)

SUBSTRATE

Steel reinforced concrete.

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 was then used to quickly seal the hole and Belzona® 4111 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.

PICTURES

1. Pipe leaking large volumes of potable water
2. Pipe damage prepared for Belzona repair
3. Repair completed with Belzona® 4111



1.



2.



3.

For more examples of *Belzona Know-How In Action*, please visit <http://khia.belzona.com>



ISO 9001:2008
Q 09335
ISO 14001:2004
EMS 509612

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