

BELZONA RESTORES POTABLE WATER SUPPLY TO CHINESE CITY

ID: 326



PROBLEM

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

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.

INDUSTRY

Water / Wastewater

LOCATION

Municipal concrete water pipeline in Guang Dong Province, China

APPLICATION DATE

August 1999

PRODUCTS

Belzona 4211 (Magma Stop)
Belzona 4111 (Magma Quartz)

SUBSTRATE

Steel reinforced concrete.

PHOTOS

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

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