

BELZONA PROTECTS TUNNEL AGAINST EROSION

ID: 5905



PROBLEM

The high flow damaged the tunnel's walls due to erosion and solutions with conventional concrete were unsuccessful in the past.

APPLICATION SITUATION

Spawning tunnel of 50 meters in length and 6 meters in diameter.

APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflet VPF-14 and TCC-15.

BELZONA FACTS

The application of Belzona 4111 in the areas highly susceptible to erosion and leaks guarantees a bonded and highly resistant surface. The general protection of the tunnel with Belzona 5811 provides high resistance to flow. The company tested a section for four months and Belzona 5811 was intact.

INDUSTRY

LOCATION

Honduras

APPLICATION DATE

November 2006

PRODUCTS

Belzona 4111 (Magma-Quartz)

Belzona 5811 (Immersion Grade)

SUBSTRATE

Concrete

PHOTOS

1. General view
2. Mortar application
3. Restored tunnel
4. Belzona 5811 application

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

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under an ISO 9001 Registered
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