

# BELZONA PROTECTS TUNNEL AGAINST EROSION

ID: 5905

## Industry:

Application: VPF-Valves, Pipes and Fittings

Substrate: Concrete

Products: \* Belzona 4111 (Magma-Quartz) ,  
\* Belzona 5811 (Immersion Grade) ,

Customer Location: Honduras

Application Date: November 2006

## Problem

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



## Photograph Descriptions

- \* General view ,
- \* Mortar application ,
- \* Restored tunnel ,
- \* Belzona 5811 application ,

## Application Situation

Spanning 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

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

Belzona products are  
manufactured under an ISO  
9000 Registered Quality  
Management System.

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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.

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