BELZONA PROTECTS TUNNEL AGAINST EROSION

ID: 5905

Industry: Application: Substrate: Concrete Products:

VPF-Valves, Pipes and Fittings * 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

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

For more examples of Belzona Know - How In Action, please visit https://khia.belzona.com

ISO 9001:2015 Belzona products are FS 695214 ISO 14001:2015 EMS 695213 Management System.

manufactured under an ISO 9000 Registered Quality

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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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