

BELZONA REPAIR AND PROTECTION OF HYDRO PLANT DRAFT TUBE

ID: 3634



PROBLEM

Severe damage caused by cavitation in the upper part of the draft tube.

APPLICATION SITUATION

Hydroelectric power plant draft tube.

APPLICATION METHOD

Application was carried out in accordance with Belzona Know-How System Leaflet CEP-10. After drying and preparing substrate Belzona® 4111 was used to rebuild damaged concrete before coating with Belzona® 1341.

BELZONA FACTS

When the job was inspected one year later, the customer was extremely satisfied with what he found and Belzona has become the standard repair solution for future repairs on draft tubes. A similar job was done in the autumn of 2011 and another job is planned for 2012.

INDUSTRY

Power

LOCATION

Hydroelectric power station, north Sweden.

APPLICATION DATE

Sept. 2010

PRODUCTS

Belzona 4111 (Magma Quartz) Belzona 1341 (Supermetalgilde)

SUBSTRATE

Concrete

PHOTOS

1. The draft tube being repaired with Belzona 4111
2. The repair area being coated with Belzona 1341
3. The finished application
4. The application one year later

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

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

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