

# BELZONA OPTIMIZES THE EFFICIENCY OF A DISTRIBUTION CHAMBER

ID: 7958

Industry: Power  
Application: CEP-Centrifugal Pumps  
Substrate: Concrete and Steel  
Products: \* Belzona 4111 (Magma-Quartz) ,  
\* Belzona 1341 (Supermetalgilde) ,

Customer Location: France  
Application Date: September/October 2013

## Problem

*Due to an important flowrate of water from the river nearby, the surface of this distribution chamber, which had not been protected before, was badly damaged and needed to be rebuilt. The sharp angles of the concrete inside the chamber cause a resistance to the water flow, besides, the steel surface is badly corroded.*



## Photograph Descriptions

- \* 1- Sharp angle on the concrete ,
- \* 2- Reconstruction of concrete ,
- \* 3- Application of Belzona 1341 ,
- \* 4- Final application ,

## Application Situation

Steel and concrete surfaces of a distribution chamber.

## Application Method

All the damaged parts of concrete were removed, then both substrates were grit blasted. The concrete substrate was rebuilt using Belzona 4111 using a modified version of Belzona System Leaflet FPA-1. Belzona 1341 was then applied on the steel and the concrete according to the Belzona System Leaflet CEP-10.

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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Belzona Facts

The customer was really satisfied with the application and observed an increase in the equipment efficiency.

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