

# Belzona Repairs Pump Mouth

ID: 8797

Industry: Water / Wastewater  
Application: CEP-Centrifugal Pumps  
Substrate: Steel  
Products: \* Belzona 1311 (Ceramic R Metal) ,  
\* Belzona 1321 (Ceramic S Metal) ,  
\* Belzona 5821 ,

Customer Location: Northern Germany  
Application Date: 2022

## Problem

Heavy corrosion in the area where the propeller runs.



## Photograph Descriptions

- \* Image 1: Pump Mouth to Repair ,
- \* Image 2: Close up heavy corrosion ,
- \* Image 3: Belzona Products Applied ,
- \* Image 4: Complete Application ,

## Application Situation

Waste Water Pump has suffered heavy corrosion during operation and is need of repair a replacement would cost the client 11.000 EUROS.

## Application Method

After blasting in accordance with Belzona standards the corroded areas were filled with Belzona 1311 and then coated the complete inside with two layers of Belzona 1321. The upper part we overcoated and then the external coating was coated with Belzona 5821. Please refer to Belzona systems leaflets CEP-03 & CEP-05 for further details of products that can be used for this type of application.

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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Repair • Protect • Improve

## Belzona Facts

Costs for a new part 11.000€ and for the repair 2.600€ A saving of 8.400 EUROS!

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