

# BELZONA PROTECTS WATER TREATMENT PLANT FILTER

ID: 1515

Industry: Water / Wastewater

Application: WPA-Wall Problem Areas

Substrate: Stainless steel.

Products: \* Belzona® 1121 (Super XL Metal) ,

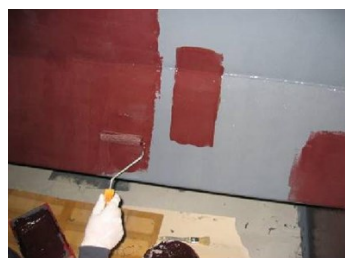
\* Belzona® 4311 (Magma CR1) ,

Customer Location: Water treatment plant, Girona, Spain

Application Date: May 2008

## Problem

Severe corrosion of the stainless steel substrate due to the presence of Hydrogen Sulphide and Sulphuric acid. These are created by bacterial action in the organic matter.



## Photograph Descriptions

- \* Initial state of the sieve ,
- \* Rebuilding with Belzona® 1121 ,
- \* Application of the second coating of Belzona® 4311 ,
- \* Finished unit ,

## Application Situation

Filter for removing organic matter.

## Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet TCC-5. After grit blasting, deeply corroded areas were rebuilt using Belzona® 1121 followed by coating with two layers (grey and red) of Belzona® 4311.

## Belzona Facts

The filter was rapidly repaired and put back into service. The Belzona® 4311 provides excellent corrosion protection to all concentrations of Sulphuric acid ensuring long term protection of the equipment.

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.

[www.belzona.com](http://www.belzona.com)

  
**BELZONA®**  
Repair • Protect • Improve

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

ISO 9001:2015	Belzona products are
FS 695214	manufactured under an ISO
ISO 14001:2015	9000 Registered Quality
EMS 695213	Management System.

[www.belzona.com](http://www.belzona.com)

