

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

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<div style="font-family: Verdana, Arial, Helvetica, sans-serif; font-size: 10px; background-color: #ffffff;">
* Initial state of the sieve ,
* Rebuilding with Belzona® 1121 ,
* Application of the second coating of Belzona® 4311 ,
* Finished unit ,
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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.

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Repair • Protect • Improve

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