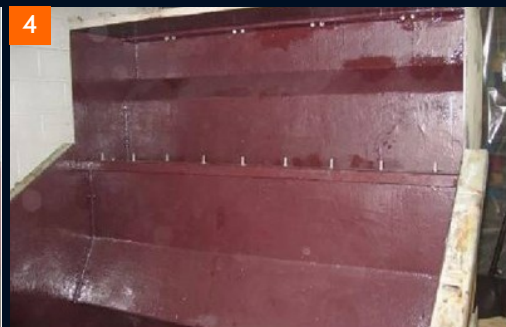


BELZONA PROTECTS WATER TREATMENT PLANT FILTER

ID: 1515



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.

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.

INDUSTRY

Water / Wastewater

LOCATION

Water treatment plant, Girona, Spain

APPLICATION DATE

May 2008

PRODUCTS

Belzona 1121 (Super XL Metal)
Belzona 4311 (Magma CR1)

SUBSTRATE

Stainless steel.

PHOTOS

1. Initial state of the sieve
2. Rebuilding with Belzona 1121
3. Application of the second coating of Belzona 4311
4. Finished unit

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.

www.belzona.com

