

BELZONA EXTENDS THE LIFE OF SWIMMING POOL FILTERS

ID: 4356

Industry: General Industry
Application: VPF-Valves, Pipes and Fittings
Substrate: Cast Iron
Products: * Belzona 1311 (Ceramic R-Metal) Belzona 1321 (Ceramic S-Metal) Belzona 5811 (Immersion Grade),

Customer Location: Swimming pool, Canada
Application Date: July 2004

Problem

The filter pots had corroded through in various places. Due to the age of the unit direct replacement not available so replacement of the filter with a new unit would be both expensive and complicated, requiring re-design of pipework.



Photograph Descriptions

- * Condition of unit after blasting showing holes in bottom ,
- * Eroded sealing flange ,
- * Rebuilt unit coated with Belzona® 1321 on the inside and Belzona® 5811 on the outside. Note reformed sealing flange face. ,

Application Situation

Filter units for a swimming pool.

Application Method

Application was carried out in accordance with Belzona Know-How Leaflets VPF-1 and VPF-2. Plates were bonded over holes and faired with Belzona 1311 before internal surfaces were protected with Belzona 1321 and externals with Belzona 5811. Sealing faces were also modified to improve seal.

Belzona Facts

Rebuilding with Belzona made for a simple straightforward repair eliminating the need to alter pipe work which would have been the case with new units. Belzona provides long term corrosion protection both internally and externally. Modification of seal face with Belzona to accept flat gasket improved functioning of the filters.

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

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