

BELZONA EXTENDS THE LIFE OF SWIMMING POOL FILTERS

CUSTOMER

Swimming pool, Canada

APPLICATION DATE

July 2004

APPLICATION SITUATION

Filter units for a swimming pool.

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.

PRODUCTS

Belzona 1311 (Ceramic R-Metal) Belzona 1321 (Ceramic S-Metal) Belzona 5811 (Immersion Grade)

SUBSTRATE

Cast Iron

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.

PICTURES

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



1.



2.



3.

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



Belzona products are manufactured under an ISO 9000 Registered Quality Management System.

UK • USA • Canada • China
www.belzona.com

