Know-How*in Action*

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BELZONA REPAIRS PST AT WATER TREATMENT PLANT

CUSTOMER
Water treatment plant, Gloucestershire, UK

APPLICATION DATE
October 2012

APPLICATION SITUATION
Concrete wall of a Primary Settlement Tank (PST)

PROBLEM
Walls of the running track had become badly worn and damaged over time due to rotation of the distributor. Some areas had been unsuccessfully repaired in the past.

PRODUCTS
Belzona® 4131 (Magma Screed)
Belzona® 2211 (MP Hi-Build Elastomer)

SUBSTRATE
Concrete

APPLICATION METHOD
Application was carried out in accordance with Belzona Know-How System Leaflet FPA-1 & FPA-6. Once the surface was prepared, shuttering boards were fitted to the side walls to enable the Belzona® 4131 to be applied to accurate levels. Once the Belzona 4131 had cured the boards were removed and expansion joints cut into the repaired areas. These joints were then sealed with Belzona® 2211.

BELZONA FACTS
The Belzona solution was chosen due to the quick turnaround compared to other methods. Also the failure of the previous patch repairs led them to the need for a permanent repair. The longevity of the Belzona solution backed up by case histories supported the proposal.

PICTURES
1. Damaged running track and failed previous repairs
2. Shuttering boards being installed
3. Completed repair back in service
4. Repaired areas 12 months on

1.

2.

3.

4.

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

ISO 9001:2008
Q 09335
ISO 14001:2004
EMS 509612

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