

BELZONA SURFACED TRACK OF SETTLEMENT BASIN PASSES THE TEST

ID: 2976

Industry: Water / Wastewater

Application: FPA-Floor Problem Areas

Substrate: Concrete

Products: * Belzona® 4111 (Magma-Quartz) ,
* Belzona® 5811 (Immersion Grade) ,

Customer Location: Germany

Application Date: Autumn 2010

Problem

Scraper wheels and weather had caused wear to the concrete.



Photograph Descriptions

- * Condition of the tracks before repair ,
- * Application of Belzona® 4111 using a float ,
- * Completed application ,
- * Track still in excellent condition after one year ,

Application Situation

Tracks of 3 primary settlement basins (total length: 324 m; width 600 mm)

Application Method

Application was carried out in accordance with Belzona Know-How System Leaflets FPA-1 & 8. After preparing the top of the walls with a milling machine, the substrate was rebuilt and levelled with Belzona® 4111. The thickness varied between 2 and 50 mm. To provide additional traction for the wheels, Belzona® 5811 was applied and Belzona® 9211 added to the surface to provide a positive grip system.

Belzona Facts

The customer had previously tried to patch repair the track using steel fibre reinforced concrete, which, however, delaminated quickly. Subsequent repairs with other construction products equally failed. Even after the very hard winter of 2010/2011, the Belzona system is still in excellent condition thanks to its ability to withstand frost and subzero service conditions. The satisfied

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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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customer has commissioned further repairs on steps and plinths.

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