

BELZONA SURFACED TRACK OF SETTLEMENT BASIN PASSES THE TEST

ID: 2976



PROBLEM

Scraper wheels and weather had caused wear to the concrete.

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 customer has commissioned further repairs on steps and plinths.

INDUSTRY

Water / Wastewater

LOCATION

Germany

APPLICATION DATE

Autumn 2010

PRODUCTS

Belzona 4111 (Magma-Quartz)
Belzona 5811 (Immersion Grade)

SUBSTRATE

Concrete

PHOTOS

1. Condition of the tracks before repair
2. Application of Belzona 4111 using a float
3. Completed application
4. Track still in excellent condition after one year

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

