

BELZONA PERMANENTLY SECURES HANDRAIL POSTS

ID: 327



PROBLEM

Liquid was pooling around these handrails, spalling the concrete and loosening the rails at this municipal sewage plant to such an extent that worker safety was in question.

APPLICATION SITUATION

Spalled concrete around handrail posts at a sewage treatment plant.

APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System Leaflets FPA-10.

BELZONA FACTS

Other cementitious-based repair materials shrink and crack, often allowing liquid a path to migrate through. This causes further spalling in a relatively short period of time.

INDUSTRY

Water / Wastewater

LOCATION

Municipal sewage treatment facility in Minnesota, USA

APPLICATION DATE

Spring 2000

PRODUCTS

Belzona 4151 (Magma Quartz Resins)

SUBSTRATE

Concrete

PHOTOS

1. Removing loose debris from the handrail post/concrete interface
2. Injecting Belzona 4151 into the handrail post hole
3. Filling in the irregularity with the aggregate
4. Finished repair by mounding the resin to the shed water

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

