

BELZONA PERMANENTLY SECURES HANDRAIL POSTS

CUSTOMER

Municipal sewage treatment facility in Minnesota, USA

APPLICATION DATE

Spring 2000

APPLICATION SITUATION

Spalled concrete around handrail posts at a sewage treatment plant.

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.

PRODUCTS

Belzona® 4151 (Magma Quartz Resins)

SUBSTRATE

Concrete

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.

PICTURES

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



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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