

WATER RUNOFF PIT WALLS REPAIRED WITH BELZONA

CUSTOMER

Kansas City, MO

APPLICATION DATE

November, 2016

APPLICATION SITUATION

The concrete walls around the pipe(s) of a runoff water pit had deteriorated and were allowing ground water to flow in and artificially fill up the pit.

PROBLEM

The ground water was further deteriorating the walls around the pipe(s) and allowing ground water to fill up the pit.

PRODUCTS

Belzona 4131 (Magma-Screed)

Belzona 5811 (Immersion Grade)

SUBSTRATE

Concrete

APPLICATION METHOD

The application was carried out in accordance with Belzona System Leaflet WPA-4. The area around the pipe was hand prepared with a grinder to achieve the desired surface profile. Backing rod was pushed into the voids around the pipe to create a backing for Belzona 4131. Finally, Belzona 5811 was applied to seal the repair area.

BELZONA FACTS

Replacing the pit was not an option and the concrete if left alone would further deteriorate and destroy the entire function of the pit.

PICTURES

1. Surface preparation
2. Belzona 4131 used to bring back original conditions to wall
3. Belzona 5811 used to seal over repairs
4. Ball Valve Plug used to stop water flow for application



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

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