

WATER REPELLENT BELZONA TREATMENT FOR SWIMMING POOL WALLS

ID: 5557

Industry:

Customer Location: *Local Council Swimming Pool,
Gloucestershire, UK*

Application: *WPA-Wall Problem Areas*

Application Date: *February 2008*

Substrate: *Concrete*

Products: ** Belzona 5122 (Clear Cladding) ,*

Problem

Water penetration into the building fascia was causing salt to be washed out of the bricks, visibly discolouring the wall and leaving the swimming pool looking worn and tired.



Photograph Descriptions

- * Concrete blocks stained with salt ,
- * Repair area lightly blasted ,
- * Application of Belzona 5122 ,
- * Application revisited after 7 years in service ,

Application Situation

Exterior walls of council swimming pool.

Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet WPA-8. A number of blasting systems were used in the attempt to remove the salt. The system that provided the best results was a system used in the marine industry to clean off the undersides of boats, called the Farrow System (high pressure water/sand blast system). Once the salt had been removed, Belzona 5122 was applied by the council's internal maintenance team via a pump up hand spraying system and a brush application around details, such as pipes, windows and doors.

Belzona Facts

The application was completed over the course of 2 days. The swimming pool was kept in service throughout the maintenance

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ISO 9001:2015

FS 695214

ISO 14001:2015

EMS 695213

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work. Blasting was carried out before opening hours and the water repellent treatment was carried out in 2 stages to ensure minimum disruption to the public. The system has lasted the test of time for the council and they are more than happy with the results. No salts or staining on the concrete block walls is visible even after 7 years.

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