

BELZONA REPAIRS AND SECURES FLOORS AND STAIRS

ID: 833



PROBLEM

Spalled concrete due to water damage over time.

APPLICATION SITUATION

Corridors and stairs of US government subsidized housing for low income families.

APPLICATION METHOD

The application was carried out in accordance with the Belzona Know-How System Leaflet FPA-1.

BELZONA FACTS

The worn concrete in this public building had become a health and safety hazard. Damaged areas were rebuilt with Belzona® 4111 & 4141. The underside of the stairwells was coated with Belzona 3111 to prevent moisture from entering the concrete. Belzona® 5811 was used to protect the stairs and balconies, and a non-slip system was created by incorporation of aggregates mixed into the Belzona® 5811. Three years later, this application was still in great condition with only a few areas needing to be touched up.

INDUSTRY

Buildings & Structures

LOCATION

Housing association, Georgia, US

APPLICATION DATE

2004

PRODUCTS

Belzona 4111 (Magma-Quartz)
Belzona 4141 (Magma-Build)
Belzona 3111 (Flexible Membrane)
Belzona 5811 (Immersion Grade)

SUBSTRATE

Concrete

PHOTOS

1. Damaged stairs.
2. Completed repairs and coating, with Belzona 5811 mixed with a light coat of sand. Undersides of the stairwell were coated with Belzona 3111.
3. Areas repaired with Belzona 4111 & 4141.
4. Finished view of the project.

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