

# BELZONA REPAIRS AND SECURES FLOORS AND STAIRS

ID: 833

Industry: *Buildings & Structures*

Application: *FPA-Floor Problem Areas*

Substrate: *Concrete*

Products: *\* Belzona® 4111 (Magma-Quartz) ,  
\* Belzona® 4141 (Magma-Build) ,  
\* Belzona® 3111 (Flexible Membrane) ,  
\* Belzona® 5811 (Immersion Grade) ,*

Customer Location: *Housing association, Georgia, US*

Application Date: *2004*

## Problem

*Spalled concrete due to water damage over time.*



## Photograph Descriptions

- \* Damaged stairs. ,
- \* Completed repairs and coating, with Belzona® 5811 mixed with a light coat of sand. Undersides of the stairwell were coated with Belzona® 3111. ,
- \* Areas repaired with Belzona® 4111 & 4141. ,
- \* Finished view of the project. ,

## 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.

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

ISO 9001:2015  
FS 695214  
ISO 14001:2015  
EMS 695213

Belzona products are  
manufactured under an ISO  
9000 Registered Quality  
Management System.

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## 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.

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