

BELZONA EXPANSION JOINT THREE YEARS ON

ID: 1405

Industry: Buildings & Structures
Application: FPA-Floor Problem Areas
Substrate: Concrete
Products: * Belzona® 4111 (Magma Quartz) ,
* Belzona® 2211 (MP Hi-Build Elastomer) ,
* Belzona® 4411 (Granogrip) ,

Customer Location: Hospital, Charlotte, North Carolina, USA
Application Date: March, 2006

Problem

The expansion joint had failed and was causing a trip hazard, as well as making hospital guests uncomfortable when rolled in their beds or wheelchairs across the failed joint. Metal plate put over top was a trip and bump hazard.



Photograph Descriptions

- * Joint taken out and fresh concrete exposed ,
- * Belzona® 4111 troweled into place ,
- * Ramp used to cover joint while product is curing ,
- * Finished joint 3 years on ,

Application Situation

Expansion joint in hallway.

Application Method

The Belzona application was carried out in accordance with Belzona Know-How System Leaflets FPA-5 & -6. The old metal joint was torn out and replaced with Belzona® 4111. A jig was used to provide the repair with the same height as the tile floor. After removing the joint former, Belzona® 2211 was used to seal the joint. Belzona® 4411 applied for aesthetics.

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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Repair • Protect • Improve

Belzona Facts

Belzona provided a quick, cost effective solution for the failed joint. This is one of several joints done at this facility where the longevity of the Belzona applications is appreciated.

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