## BELZONA EXPANSION JOINT THREE YEARS ON

ID: 1405

Industry: Buildings & Structures Customer Location: Hospital, Charlotte, North Carolina, USA

Application: FPA-Floor Problem Areas Application Date: March, 2006

Substrate: Concrete

Products: \* Belzona® 4111 (Magma Quartz),

\* Belzona® 2211 (MP Hi-Build Elastomer),

\* Belzona® 4411 (Granogrip),

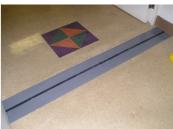
### **Problem**

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 Belzona products are
FS 695214 manufactured under an ISO
ISO 14001:2015 9000 Registered Quality
EMS 695213 Management System.

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# 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.