

BELZONA REPAIR TO VERTICAL EXPANSION JOINT COMES OF AGE

ID: 1076

Industry: Buildings & Structures

Customer Location: University Hospital

Application: WPA-Wall Problem Areas

Application Date: 1987

Substrate: Concrete

Products: * Belzona® 4111 (Magma Quartz) ,
* Belzona® 3111 (Flexible Membrane) ,

Problem

The expansion joint material used to seal the long vertical joint had become a perennial problem. The caulking material used could not withstand the constant movement.



Photograph Descriptions

- * General view of 140-ft wall and problem joint. ,
- * The spalled edges of the concrete were rebuilt with Belzona® 4111 before applying the Belzona® 3111 (Flexible Membrane System). ,
- * Complete application - The final coat was tinted for a closer match to the concrete. ,
- * Picture taken in 2008 showing present condition of the 21-year-old application. ,

Application Situation

Vertical expansion joint between two cast concrete walls.

Application Method

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.

www.belzona.com



Application was carried out using a modified version of Belzona Know-How System Leaflet WPA-1 and WPA-9.

Belzona Facts

This application has been in service since 1987 (21 YEARS) without the need for any additional maintenance.

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