

Belzona Expansion Joint Solution at Hospital

ID: 9516

Industry: Buildings & Structures
Application: FPA-Floor Problem Areas
Substrate: Concrete
Products: Belzona 2211 (MP Hi-Build Elastomer), Belzona 2911 (Elastomer QD Conditioner), Belzona 4231 (E Magma-Quartz), Belzona 5231 (SG Laminate)

Customer Location: Murfreesboro, TN
Application Date: October 2023

Problem

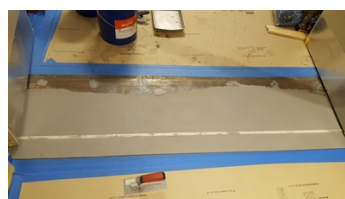
Customer had metal plate over expansion joint that was a trip hazard as well as being uncomfortable for patients to cross on a hospital bed.



Metal plate was installed when hospital was renovated and was a trip hazard.



Plate Removed area was cleaned and backer rod was added.



Joint was rebuilt with Belzona 4131, Belzona 2211 was used to form the joint and Belzona 2911 conditioner was used as a primer.



Belzona 5231 was used as the topcoat.

Application Situation

The expansion joint was finished in two days with little inconvenience to the hospital staff. Cost of Belzona Products around 5,000.

Application Method

The Metal plate was removed, and joint was cleaned out. Edges of the concrete was rebuilt with Belzona 4131. Backer rod was inserted in the void area and Belzona 2211 was used to form the joint. Belzona 5231 was used as the topcoat to meet up with the existing floor.

Belzona Facts

Replacing the joint could save the customer from a very expensive lawsuit if anyone tripped.

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.

www.belzona.com


BELZONA
Repair • Protect • Improve

Copyright © Belzona International Limited 2025