

# HOSPITAL'S ENGINEERING ROOM EXPANSION JOINTS WATERPROOFED WITH BELZONA

ID: 7789

Industry: *Commercial Facilities* Customer Location: *Virginia, USA*  
Application: *FPA-Floor Problem Areas* Application Date: *October 2016*  
Substrate: *Concrete*  
Products: *\* Belzona 2221 (MP Fluid Elastomer) Belzona 4111 (Magma-Quartz),*

## Problem

*Failed expansion joints allowed water to penetrate into a data center potentially creating a hazardous situation for the data center computing equipment.*



## Photograph Descriptions

\* Concrete restoration with Belzoa 4111 New joint installation with Belzona 2221 ,

## Application Situation

Expansion joints in an engineering room of a hospital.

## Application Method

First, the existing joint material was removed, and the concrete was restored with Belzona 4111. A new joint was installed using a foam backer rod and Belzona 2221.

## Belzona Facts

The Customer was familiar with the Belzona products. For this type repair they had tried caulk and lower performance joint sealants and needed a more durable solution.

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

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