

# DATA CENTER'S ENGINEERING ROOM WATERPROOFED WITH BELZONA

ID: 7788

**Industry:** Commercial Facilities  
**Application:** FPA-Floor Problem Areas  
**Substrate:** Concrete  
**Products:** \* Belzona 3121 (MR7) Belzona 4131 (Magma-Screed) Belzona 4411 (Granogrip) Belzona 5231 (SG Laminate),

**Customer Location:** Virginia, USA  
**Application Date:** October 2011

## Problem

*This engineering room caused water penetration into a critical facility located below. The leaks were caused by the drain being located at a higher elevation than the floor, the lack of sealant around the drains, lack of curbs and thresholds to keep the water contained, lack of concrete sealant.*



## Photograph Descriptions

\* Threshold built with Belzona 4131 and made "safety" visible with Belzona 4411 Curbs around the piping built with Belzona 4131. The floor is coated with Belzona 5231 Application is completed ,

## Application Situation

Floor in an engineering room located in a penthouse of a building.

## Application Method

Belzona materials were used to install new curbs and thresholds and to provide a protective sealant to the flooring. Belzona 3121 was used to seal the areas between piping and the floor. The threshold at the door and curbs around the piping were built with Belzona 4131. To avoid a trip hazard and to ensure safety the thresholds were coated with Belzona 4411 Yellow. Then, the entire floor was coated with Belzona 5231 for chemical and water protection as well as to provide a non-slip and easy-to-clean finish. No more leaks jeopardizing the critical facility below.

## Belzona Facts

The Customer had tried traditional floor coatings and decided to choose Belzona for this repair.

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

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