

Belzona Provides Solution for Long Time Leak

ID: 6409

Industry:

Customer Location: *Nashville Tennessee Hospital*

Application:

Application Date: *October 2016*

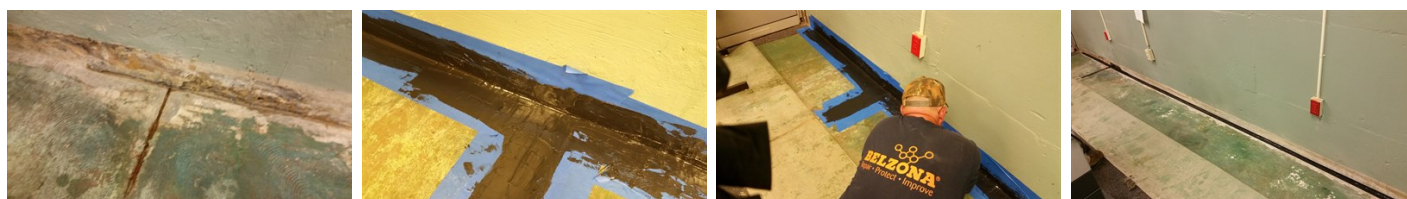
Substrate: *Concrete*

Products: ** Belzona 2221 (MP Fluid Elastomer) ,*

** Belzona 2911 (Elastomer QD Conditioner) ,*

Problem

Water was leaking into work spaces where the wall meets with the floor. The combination of an ongoing leak and a subterranean work space was creating an unhealthy work environment. The opposite side of the wall was under approximately 30 ft of earth and concrete so they needed a way to repair it from the negative side.



Photograph Descriptions

* 1) Area to be repaired, this joint was where the worst of the leak was 2) Same area with Belzona 2221 in place 3) Application in process 4) Application complete ,

Application Situation

20 feet of basement wall was leaking where it meets with the floor.

Application Method

Application was carried out using a modified version of Belzona System Leaflet RPA-8. Belzona 2221 was selected as an alternative to a Belzona 3000 series product due to the fact that there was potential for a build up in head pressure behind the leak. Work was delayed until there was a dry spell and the application area was free of moisture. Application area was prepped using a concrete grinding disc and loose dust and debris was cleaned up. The area was then conditioned with Belzona 2911 and edges were taped to contain the repair to the conditioned area. Belzona 2221 was applied as a flashing that would stop moisture while simultaneously allowing for movement of the wall and floor.

Belzona Facts

Efforts to caulk the joint didn't provide a lasting solution. With each small movement in the wall, previous repair attempts had failed. They needed a 100% solids material that wouldn't shrink over time and could withstand the movement. After a very wet fall and winter, Belzona has proven to be the solution they were looking for.

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

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