

## BELZONA PROVIDES SOLUTION FOR LONG TIME LEAK

### CUSTOMER

Tennessee, USA

### APPLICATION DATE

October 2016

### APPLICATION SITUATION

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

### 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.

### PRODUCTS

Belzona 2221 (MP Fluid Elastomer)

Belzona 2911 (Elastomer QD Conditioner)

### SUBSTRATE

Concrete

### 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.

### PICTURES

1. Area to be repaired, the joint where the leak mostly occurred
2. Same area with Belzona 2221 in place
3. Application in process
4. Application complete



1.



2.



3.



4.

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