

## BELZONA SEALS AN EMERGENCY BASIN

### CUSTOMER

Luzern

### APPLICATION DATE

02/07/2019

### APPLICATION SITUATION

Emergency storage basin.

### PROBLEM

Leaks were found at the butting of joints. The old joints had been mated and sealed using glue and glass fiber mats to prevent leaks which later failed - 195 butting joints had to be repaired.

### PRODUCTS

Belzona 5811 (Immersion Grade)

Belzona 9341

### SUBSTRATE

Polyvinyl Chloride (PVC)

### APPLICATION METHOD

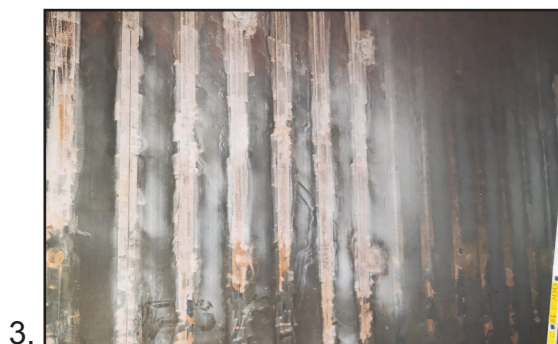
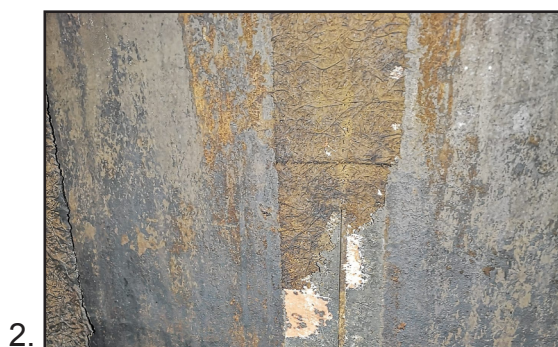
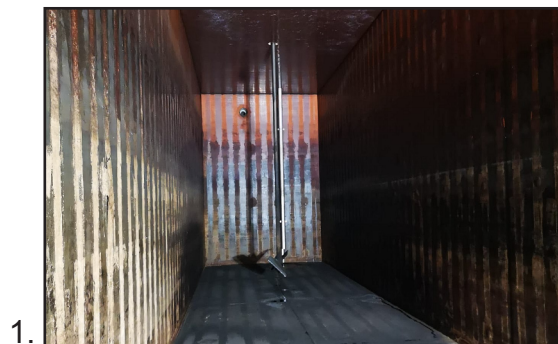
The old glass fiber mats were removed by machine and the repair areas were degreased. The Belzona 5811 impregnated in Belzona 9341 (Reinforcement Sheet) was applied in 2 layers aided by a paint roller. The application was carried out in accordance with Belzona System leaflet TCC-15.

### BELZONA FACTS

Several tests were conducted with the the customer in order to ensure that the most appropriate product was selected to meet the equipments operating environment. As the emergency basin is filled with water, Belzona 5811 was selected providing a more cost efficient barrier solution for low risk submerged service.

### PICTURES

1. Overview of the emergency basin.
2. Failing butt joints through which water penetrates to the outside.
3. Removal of glass fiber matting via the use of grinding.
4. The joints were re-sealed with 2 layers of Belzona 9341 impregnated in Belzona 5811.



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