

LIFT STATION RESTORATION WITH BELZONA 1321

CUSTOMER
Florida, USA

APPLICATION DATE
July 2016

APPLICATION SITUATION
One of the city's main lift stations. The city wanted to replace all the corroded cast iron pipe.

PROBLEM
Four pieces of pipe were permanently embedded in the brick and concrete walls of the lift station. Not wanting to damage the building, they specified Belzona for restoration of the four segments of pipe.

PRODUCTS
Belzona 1111 (Super Metal)
Belzona 1321 (Ceramic S-Metal)

SUBSTRATE
Cast Iron

APPLICATION METHOD
The application was carried out in accordance with CEP-3. First, the pipes were grit blasted with Black Beauty. Belzona 1111 was applied to smooth out the rough cast iron and Belzona 1321 was applied in two coats. The Manufacturer's Instructions for Use were strictly followed.

BELZONA FACTS
Refurbishing the existing pipes could save the integrity of the existing building which would have saved the Customer replacement costs.

- PICTURES**
1. After grit blasting, the cast iron pipes were very rough.
 2. The GC crew learned how to mix and apply
 3. Belzona products. Three pipes in the back wall, one in the side wall.
 4. One pipe finished.



1.



2.



3.



4.

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