

NO MORE LEAKS ON A COOLING TOWER WITH BELZONA

CUSTOMER

France

APPLICATION DATE

November 2018

APPLICATION SITUATION

Water pipe on a cooling tower.

PROBLEM

This water pipe was leaking due to antibacterial agents present in the water damaging the substrate and causing corrosion pitting.

PRODUCTS

Belzona 1111 (Super Metal)

Belzona 1321 (Ceramic S-Metal)

Belzona 9341 (Reinforcement tape)

SUBSTRATE

Stainless steel

APPLICATION METHOD

The pipe was manually prepared using an MBX and degreased with Belzona 9111. The pipe was then consolidated using Belzona 1111 and 9341 (3 passes). Belzona 1321 was finally used on top of the repair to avoid any porosity and give a good smooth finish.

BELZONA FACTS

The customer tried a different alternative on this pipe but it lasted for less than 2 months. Replacing the pipe would have been really expensive and would require the purge of the whole system. This solution was quick and really efficient. After 2 years in service, the repair is still intact.

PICTURES

1. Before application.
2. After surface preparation.
3. After application of Belzona 1111 with reinforcement tape.
4. Final application.



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