

BELZONA REPAIRS A LEAK ON A CATION TANK

ID: 5614



PROBLEM

Leaking outlet from the demineralization tank. Both metal repairs and rubber lining restoration were necessary.

APPLICATION SITUATION

Outlet from demineralization tank.

APPLICATION METHOD

The application was carried out in accordance with a modified version of Belzona Know-How System Leaflet ENC-10. Doubler plates were bonded around the new pipe penetration with Belzona 1221. Belzona 9341 was used to span corner openings and wrap to new outlet piping. All the contact surfaces were prepared with an angle grinder. Belzona 2111 was applied directly over the bonded plate repair to restore the rubber lining.

BELZONA FACTS

The paper mill undergoing a planned outage for routine repairs included this repair of a leaking outlet from the demineralization tank. A compacted time frame necessitated the use of several materials to repair the leakage prior to start up. The customer was satisfied with the ability to apply Belzona 2111 directly over Belzona 1221 that enabled the job to be done without cure delay and within the startup time frame.

INDUSTRY

Pulp & Paper

LOCATION

Paper Mill, Washington, USA

APPLICATION DATE

June 2015

PRODUCTS

Belzona 1221 (Super E-Metal)
Belzona 2111 (D & A Hi-Build Elastomer)
Belzona 9341 (Reinforcement Tape)

SUBSTRATE

Carbon steel & Rubber

PHOTOS

1. Cation tank outlet repair using doublers
2. Doubler plates bonded using Belzona 1221 and Belzona 9341
3. Belzona 2111 applied over the rebuilt area to restore the rubber lining

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