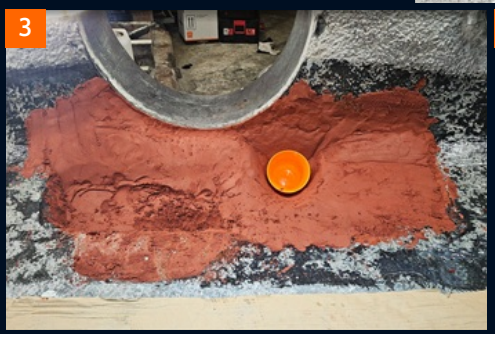
REPAIR OF EXISTING COATING IN CISTERN

ID: 9853



PROBLEM

The customer had made a weld in a pressure-classed cistern and needed water to remove all existing coating. After this intervention, they needed to get back to production as soon as possible. We chose to rebuild this with Belzona 4911 and Belzona 4181 given the chemicals in the tank. By choosing these products, we were able to both mould and rebuild everything in one process, then add heat for forced curing, which minimised downtime

APPLICATION SITUATION

However, given that this was not planned, the client had no options to repair and rebuild this area in the short time required. By selecting Belzona 4181, we were able to lay both vertical and horizontal surfaces whilst shaping the outlet. This, coupled with the short curing time and chemical resistance, meant that the client chose to go with Belzona

APPLICATION METHOD

We used bucket mixers to mix Belzona 4181. For all forming we chose to use the Belzona mixing plate and mixing bowl, as the material does not easily stain on these surfaces.

BELZONA FACTS

Here was the saving and the benefits of being able to deliver a solution that allowed the customer to start up in such a short time. All steps could be done in one go, filling, moulding, vertical, horizontal and that it can withstand the chemicals and cure quickly.

INDUSTRY

Pulp & Paper

LOCATION

Middle of Sweden

APPLICATION DATE

July 2024

PRODUCTS

Belzona 4181 (AHR Magma-Quartz)
Belzona 4911 (Magma TX Conditioner)

SUBSTRATE

Carbon steel

PHOTOS

1. Here you can see the outlet and the bottom of the cistern after water jetting
2. Here we have started filling up and shaping the straight part of the outlet
3. Here we start to move towards the vertical surfaces and the final shaping of the outlet
4. Here we can see the finished result.