

BELZONA REPAIRS DAMAGED FEET OF A PULPER

ID: 7817



PROBLEM

The five feet of a paper mill pulper and the concrete blocks underneath were badly damaged. The bolts keeping the feet in place on the concrete blocks were badly corroded. The whole equipment was no longer resting safely on the concrete base.

APPLICATION SITUATION

Metallic feet of a pulper resting on concrete blocks.

APPLICATION METHOD

The whole surface that needed to be repaired was high-pressure washed, then a needle gun was used to get rid of the rust and the metallic parts were roughened with a metallic brush. The needle gun and a diamond disk were also used to prepare the concrete and ensure a good mechanical adhesion. Belzona 1111 was then used to bond threaded rods to keep the feet in place and enhance the adhesion of Belzona 4111, in accordance with Belzona System Leaflet GSS-08. Belzona 4911 was then used on the whole surface and a former was placed all around the concrete blocks. Belzona 4111 was poured into the former in several packed layers, and once cured, the former was taken off.

BELZONA FACTS

From start to finish, the entire application including curing took only 48 hours. This allowed the client to restart their equipment quickly and saved them from the cost of excessive downtime.

INDUSTRY

Pulp & Paper

LOCATION

Paper Mill, France

APPLICATION DATE

August 2008

PRODUCTS

Belzona 4111 (Magma Quartz)
Belzona 4911 (Magma TX Conditioner)
Belzona 1111 (Super Metal)

SUBSTRATE

Cast Iron and Concrete

PHOTOS

Before application

Threaded rods bonded with Belzona 1111
after surface preparation

Conditioner and former installed

Completed Application

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

Belzona products are manufactured
under an ISO 9001 Registered
Quality Management System.

www.belzona.com

Copyright © 1952-2026 Belzona International Limited.

