Belzona Repairs Damaged Feet of a Pulper

Industry: *Pulp & Paper*
Application: *GSS-Gaskets, Seals and Shims*
Substrate: *Cast Iron and Concrete*
Products: ** Belzona 4111 (Magma Quartz) ,*
* Belzona 4911 (Magma TX Conditioner) ,
* Belzona 1111 (Super Metal) ,

Customer Location: *Paper Mill, France*
Application Date: *August 2008*

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.

Photograph Descriptions

* Before application ,
* Threaded rods bonded with Belzona 1111 after surface preparation ,
* Conditioner and former installed ,
* Completed Application ,

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

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ISO 9001:2015
FS 695214
ISO 14001:2015
EMS 695213

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quickly and saved them from the cost of excessive downtime.