

REPAIRS TO CORRODED INTERNAL SEALING FACES AT A PAPER MILL

ID: 10004



PROBLEM

The customer had severely corroded sealing faces. Due to difficult with access, grit blasting was not an option and there was only a very short window of time to carry out any repairs. Customer required a long lasting permanent solution to the issue.

APPLICATION SITUATION

Due to difficult with access, shot blasting was not an option and there was only a very short window of time to carry out any repairs. Customer required a long lasting permanent solution to the issue.

APPLICATION METHOD

The area's were degreased and then wetted out using Belzona 1161 Super UW-Metal (Surface tolerant product) and allowed to cure.

The surface was then lightly abraded and then wetted out with Belzona 1311 Ceramic R-Metal.

Belzona 1311 was then applied to the former plates which had been coated with Belzona 9411 Release Agent, and then put up against the worn faces and allowed to cure.

BELZONA FACTS

The customer received a long term solution in a difficult to access area. This solution was performed within tight deadlines, saving the customer on the cost of an extended shutdown period.

INDUSTRY

Pulp & Paper

LOCATION

Northumberland

APPLICATION DATE

September 2025

PRODUCTS

Belzona 1161 (Super UW-Metal)

Belzona 1311 (Ceramic R-Metal)

SUBSTRATE

Cast Iron

PHOTOS

1. Heavily corroded sealing face.
2. Surface preparation carried out and area degreased
3. Former plate applied to defective area and Belzona 1311 allowed to cure
4. Sealing face formed at drive and non-drive end.

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The Belzona logo consists of a stylized molecular structure made of circles and lines, positioned above the word "BELZONA" in a bold, blue, sans-serif font.

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