

BELZONA PROTECTS STRUCTURAL STEEL OF A PAPER MACHINE

ID: 5208



PROBLEM

The paper machine structural steel was severely corroded and in need of corrosion protection.

APPLICATION SITUATION

Structural steel on a section of a Valmet paper machine press.

APPLICATION METHOD

Hand tools, such as needle guns and grinders, were used for surface preparation before smoothing with Belzona 1121 and overcoating with Belzona 5811. The application was carried out with a modified version of Belzona Know-How System Leaflet TCC-5.

BELZONA FACTS

Paper machine rolls are scheduled for infrequent removal during scheduled and planned maintenance outages. It was difficult to access the interior sections of the paper machine with rolls in place. The machine was shut down for 1 week in the summer time and the rolls were removed. The customer has previously used Belzona for other repairs and was impressed with the applicators and product.

INDUSTRY

Pulp & Paper

LOCATION

New England, USA

APPLICATION DATE

Summer 2014

PRODUCTS

Belzona 1121 (Super XL-Metal)
Belzona 5811 (Immersion Grade)

SUBSTRATE

Steel

PHOTOS

1. Section of paper machine press
2. Paper machine name plate with corrosion
3. Close-up view of corrosion
4. Completed application

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