Know-How *in Action*

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BELZONA REPAIRS FAN AT PULP AND PAPER MILL

CUSTOMER
Pulp and paper mill - South Africa

APPLICATION DATE
March 2001

APPLICATION SITUATION
Corrosion protection at elevated temperatures.

PROBLEM
Magnesium Oxide fan and casing were being destroyed by a serious corrosion/erosion cycle. The process temperature was 150-165 °C. Although the process is dry, moist air was being sucked in through the shaft hole, corroding the steel.

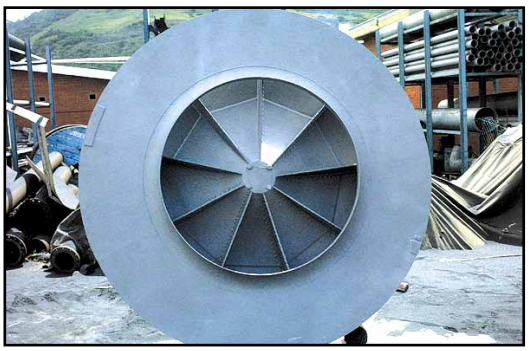
PRODUCTS
Belzona® 1391
Belzona® 6111 (Liquid Anode)
Belzona® 5111 (Ceramic Cladding)

SUBSTRATE
Mild Steel

APPLICATION METHOD
The application was carried out in accordance with Belzona Know-How System Leaflets FBC-2,-5.

BELZONA FACTS
An imitation product had been previously used and only lasted for 10-12 months. The engineers chose Belzona for a more long lasting, cost effective solution for the fan and casing. The fan blades were coated with Belzona® 1391 for outstanding erosion/corrosion protection.

PICTURES
1. The fan has been grit blasted and is ready to be coated.
2. The top of the fan casing has been coated with Belzona® 6111.
3. Belzona® 5111 is being applied to the fan casing bottom.

1.


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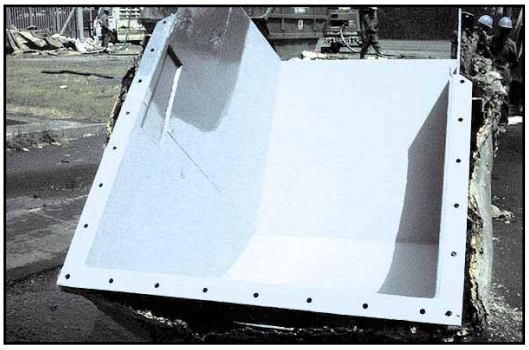

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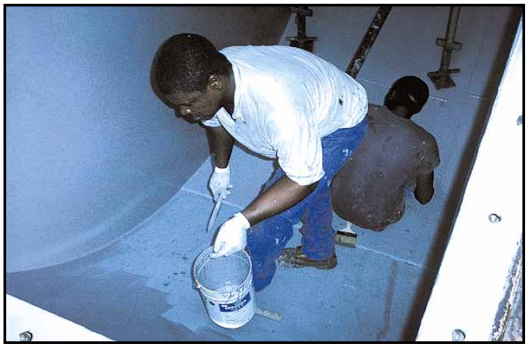

ISO 9001:2008
Q 09335
ISO 14001:2004
EMS 509612

Belzona products are manufactured under an ISO 9000 Registered Quality Management System.

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