

BELZONA REPAIRS FAN AT PULP AND PAPER MILL

ID: 235

Industry: *Pulp & Paper*
Application: *FBC-Fans, Blowers and Compressors*

Customer Location: *Pulp and paper mill - South Africa*
Application Date: *March 2001*

Substrate: *Mild Steel*
Products: ** Belzona® 1391 ,*
** Belzona® 6111 (Liquid Anode) ,*
** Belzona® 5111 (Ceramic Cladding) ,*

Problem

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



Photograph Descriptions

- * The fan has been grit blasted and is ready to be coated ,
- * The top of the fan casing has been coated with Belzona® 6111 (Liquid Anode) ,
- * Belzona® 5111 (Ceramic Cladding) is being applied to the fan casing bottom ,

Application Situation

Corrosion protection at elevated temperatures.

Application Method

The application was carried out in accordance with Belzona Know-How System Leaflets FBC-2 and FBC-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.

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

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

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

www.belzona.com

**BELZONA**
Repair • Protect • Improve