

# BELZONA SOLVES FAN PROBLEM IN SUGAR INDUSTRY

ID: 121

Industry: *Sugar*  
Application: *FBC-Fans, Blowers and Compressors*

Customer Location: *Sugar Cane Mill in Brazil*  
Application Date: *1994*

Substrate: *Cast Iron*  
Products: *\* Belzona® 1321 (Ceramic S-Metal) ,*  
*\* Belzona® 1811 (Ceramic Carbide) ,*

## Problem

*Exhaust boiler fan blades suffer from abrasion and wear due to fly ash*



## Photograph Descriptions

- \* Extensive wear on fan blades. ,
- \* Grit blasted surface. ,
- \* Completed application. ,

## Application Situation

Exhaust boiler fan

## Application Method

The application was carried out in accordance with Belzona Know-How Leaflet FBC-1.

## Belzona Facts

Belzona® 1321 (Ceramic S-Metal) was applied over Belzona® 1811 (Ceramic Carbide) to provide a smoother surface. Use of Belzona products prevented costly replacement of the fan.

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](http://www.belzona.com)

  
**BELZONA**  
Repair • Protect • Improve