

# FAN BLADES RESTORED WITH BELZONA SYSTEM

ID: 1446

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

Customer Location: *Geothermal power plant, Indonesia*  
Application Date: *March, 2009*

Substrate: *FRP*  
Products: *\* Belzona® 1111 (Super Metal) ,*  
*\* Belzona® 1341 (Supermetalgilde) ,*  
*\* Belzona® 5811 (Immersion Grade) ,*

## Problem

*Damage and erosion on the leading edges of the blades reduced the overall efficiency and operation of the cooling system.*



## Photograph Descriptions

- \* Damaged cooling tower blades ,
- \* Repair using Belzona® 1111 in progress ,
- \* Belzona® 1341 applied to leading edge of blades ,
- \* Finished repair with Belzona® 5811 applied to blade bodies ,

## Application Situation

Fan blades from mechanical draft cooling tower

## Application Method

The application was carried out in accordance with Belzona Know-How System leaflet FBC-1

## Belzona Facts

The client had no other alternative and Belzona saved them time and increased efficiency. Belzona® 1341 provides a smooth erosion resistant lining for the leading edge of the fan blades extending maintenance life of the fans.

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

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