

FAN BLADES RESTORED WITH BELZONA SYSTEM

ID: 1446



PROBLEM

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

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.

INDUSTRY

Power

LOCATION

Geothermal power plant, Indonesia

APPLICATION DATE

March, 2009

PRODUCTS

Belzona 1111 (Super Metal)
Belzona 1341 (Supermetalgilde)
Belzona 5811 (Immersion Grade)

SUBSTRATE

FRP

PHOTOS

1. Damaged cooling tower blades
2. Repair using Belzona 1111 in progress
3. Belzona 1341 applied to leading edge of blades
4. Finished repair with Belzona 5811 applied to blade bodies

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

www.belzona.com

