

COOLING TOWER FAN BLADES REPAIRED WITH BELZONA

ID: 7

Industry: Chemical & Petrochemical
Application: HEX-Heat Exchangers
Substrate: Fiberglass Reinforced Polyester
Products: * Belzona® 1321 (Ceramic S-Metal) ,

Customer Location: Refinery in Louisiana
Application Date: 1995

Problem

Light damage and erosion on the leading edge of the blades reduces the overall efficiency and operation of the cooling system.



Photograph Descriptions

- * Surface preparation by grinding. ,
- * Taping off for a neat repair. ,
- * Finished repair. Leading edge protected with Belzona. ,

Application Situation

Fan blades of cooling tower - 14' long.

Application Method

The application was carried out in accordance with Belzona Know-How Leaflet HEX-10.

Belzona Facts

After 14 months, fiberglass blades on new units needed replacement at a cost of \$125,000. Over two years later the Belzona repair is in excellent condition. The plant has saved over \$200,000 in new blade replacement cost.

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