

COOLING TOWER FAN BLADES REPAIRED WITH BELZONA

ID: 7



PROBLEM

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

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.

INDUSTRY

Chemical & Petrochemical

LOCATION

Refinery in Louisiana

APPLICATION DATE

1995

PRODUCTS

Belzona 1321 (Ceramic S-Metal)

SUBSTRATE

Fiberglass Reinforced Polyester

PHOTOS

1. Surface preparation by grinding.
2. Taping off for a neat repair.
3. Finished repair. Leading edge protected with Belzona.

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

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under an ISO 9001 Registered
Quality Management System.

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