

COOLING TOWER FAN BLADES REPAIRED WITH BELZONA

CUSTOMER

Refinery in Louisiana.

APPLICATION DATE

1995

APPLICATION SITUATION

Fan blades of cooling tower - 14' long.

PROBLEM

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

PRODUCTS

Belzona® 1321 (Ceramic S-Metal)

SUBSTRATE

Fiberglass Reinforced Polyester

APPLICATION METHOD

The application was carried out in accordance with Belzona Know-How System 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.

PICTURES

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 <http://khia.belzona.com>



ISO 9001:2008
Q 09335
ISO 14001:2004
EMS 509612

Belzona products are
manufactured under an ISO
9000 Registered Quality
Management System.

UK • USA • Canada • China
www.belzona.com


BELZONA®
Repair • Protect • Improve