

## BELZONA GIVES NEW LIFE TO FAN BLADES

### CUSTOMER

Rayong, Thailand

### APPLICATION DATE

2018

### APPLICATION SITUATION

FRP fan blades in a petrochemical powerplant required rebuilding and coating

### PROBLEM

Deposit, erosion and mechanical damage of FRP fan blades for cooling tower were observed during turnaround period

### PRODUCTS

Belzona 5111 (Ceramic Cladding)

Belzona Superwrap II

### SUBSTRATE

FRP

### APPLICATION METHOD

More than 1,400 pieces of fan blades were coated by Pan Mechanic Engineering with the Belzona 5911 and Belzona 5111 system. Recently, they have also adopted Belzona SuperWrap II for repairing fan blades cracks because FRP fan blades need repair systems which have high strength and lightweight properties.

### BELZONA FACTS

### PICTURES

1. Leading edge damage
2. Surface preparation using power tools
3. application of Belzona 5111
4. Application of SuperWrap II



1.



2.



3.



4.

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

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