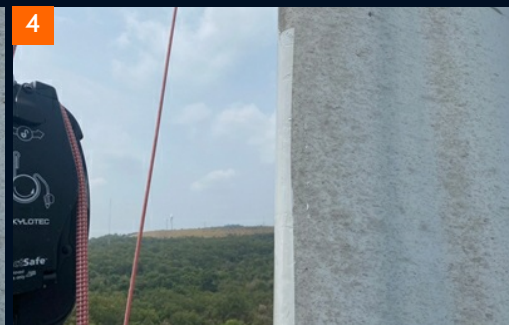


BLADE REPAIR AND PROTECTION WITH BELZONA 5711 AND BELZONA 5721

ID: 9828



PROBLEM

Pitting damage and coating deterioration because of rain erosion and UV attack at leading edge area.

APPLICATION SITUATION

Pitting damage and coating deterioration because of rain erosion and UV attack at leading edge area. The Customer usually plans to repair and coat one turbine at the leading edge of a wind turbine per year.

APPLICATION METHOD

1. Sand the surface to be repaired using a coarse sander with 80-grit sandpaper, always using a new piece of sandpaper for each sanding operation.
2. Clean the surface with Belzona 9111 NF Cleaner, then allow it to dry completely.
3. Repair pitting with Belzona 5711.
4. Smooth Belzona 5711 using a coarse sander with 80-grit sandpaper.
5. Mix Belzona 5721 and apply it within 20 minutes using a high-quality brush. Apply at a wet film thickness of 500 microns and then allow it to fully cure for 5 hours at 30°C.

BELZONA FACTS

This Distributorship has worked with the Customer for over 30 years to repair and has coated several pieces of equipment at their power plant so they trust Belzona products. Whenever a new product is released this is also introduced to the Customer and the feedback is always positive.

INDUSTRY

Power

LOCATION

Yai Thieng Mountain, North East Thailand

APPLICATION DATE

April 2023

PRODUCTS

Belzona 5711
Belzona 5721

SUBSTRATE

Other

PHOTOS

1. Damage on the blade.
2. Surface preparation.
3. Application of Belzona 5721
4. Completed application

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

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