

BELZONA SEALS A WIND TURBINE TOWER BASE

CUSTOMER

South Wales UK

APPLICATION DATE

July 2020

APPLICATION SITUATION

The set of ten wind turbines is situated rurally and passing into the second ten years of service. The contractor responsible to maintain the asset life identified some areas of failure to the wind turbine base.

PROBLEM

The contractor sought guidance as there were several areas showing signs of metal corrosion and minor cracks to the concrete areas of two bases. A repair and protect solution was required to ensure the asset life could be fully extended a further ten years.

PRODUCTS

Belzona 3131 WG Membrane
Belzona 3921 & 3931 Conditioners
Belzona 9361 Reinforcing Sheet

SUBSTRATE

Steel & Concrete C32/C40

APPLICATION METHOD

The application was carried out in accordance with a variance of GSS-03

BELZONA FACTS

The contractor selected the turnkey services of Belzona Technosol in consideration of the vast experience and application techniques. Other optional alternatives did not meet the criteria. Upon completion we were informed that the remaining eight bases would be undertaken during 2021.

PICTURES

1. Visual preparation
2. Surface preparation, concrete, steel and conditioners
3. Two coat system including reinforcing sheet
4. Fully completed



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

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