

## BELZONA SEALS LEAKS ON SUPERGRID TRANSFORMER

### CUSTOMER

UK

### APPLICATION DATE

April 2011

### APPLICATION SITUATION

A Super Grid Transformer was Leaking. Such transformers are used on the 400 or 275kV grid.

### PROBLEM

The transformer was leaking through the bolt holes along the flange face.

### PRODUCTS

Belzona 1161 (Super UW-Metal)

Belzona 5831 (ST-Barrier)

### SUBSTRATE

Steel

### APPLICATION METHOD

Application was carried out using a modified version of Belzona Know-How System Leaflet VPF-11a. after preparing the metal with an MBX Bristle Blaster, Belzona 1161 was then used to seal the bolts using PVC pipe of a wider diameter placed over the bolts and filled with the Belzona until totally encapsulated. Once cured, The PVC cups were cut away so that the entire flange could then be covered with Belzona 5831 to provide overall corrosion protection.

### BELZONA FACTS

The application was a success and has been in service for over 8 months now with no signs of leakage, leading to further business with the same client on more of their assets.

### PICTURES

1. PVC pipe being cut into sections to cover bolts
2. Surface preparation using MBX Bristle Blaster
3. The Belzona 1161 encapsulated bolts
4. Completed application with Belzona 5831 applied



1.



2.



3.



4.

For more examples of *Belzona Know-How In Action*, please visit <http://khia.belzona.com>



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