

## BELZONA OFFERS PROTECTION BY SEALING INSULATOR BASES

### CUSTOMER

Montana, USA

### APPLICATION DATE

1986

### APPLICATION SITUATION

100,000 volt insulators.

### PROBLEM

The bases of the insulators had been sealed and re-sealed many times but it never lasted long, thus water would begin to leak through the base. The switch gear below carries 100,000 volts of electricity which would not react well if the water hit the wrong spot.

### PRODUCTS

Belzona 3111 (Flexible Membrane)  
Belzona 3911 (PSC Surface Conditioner)  
Belzona 3921 (GSC Surface Conditioner)  
Belzona 9311 (Reinforcing Sheet)

### SUBSTRATE

Concrete, Tar and Ceramic

### APPLICATION METHOD

Loose tar was removed. Belzona 3911 was brushed on the concrete and Belzona 3921 was brushed on the insulator. Two coats of Belzona 3111 were brushed on, incorporating reinforcing sheet in the first coat. The application was carried out in accordance with a modified version of Belzona Know-How System Leaflet GSS-3.

### BELZONA FACTS

The alternative was more tar. They already knew that it was only a short term solution. The solution with Belzona 3111 will prevent water penetration for many years.

### PICTURES

1. Arrow shows damaged area
2. Applying Belzona 3911
3. Brushing on reinforced Belzona 3111
4. Brushing on reinforced Belzona 3111



1.



2.



3.



4.

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



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