

# BELZONA WEATHERPROOF PROTECTION FOR INSPECTION BOXES

ID: 6362

Industry: Power  
Application: GSS-Gaskets, Seals and Shims  
Substrate: Steel  
Products: \* Belzona 1111 (Super Metal) ,  
\* Belzona 3411 (Encapsulating Membrane) ,

Customer Location: North Wales, UK  
Application Date: April, 2016

## Problem

Previous repairs on the boxes had been unsuccessful and close inspection revealed concealed through-wall defects as well as general corrosion damage. The customer wanted a solution that would waterproof the boxes, but could be removed when the switches inside were due for inspection.



## Photograph Descriptions

\* 1. Corroded inspection box 2. Belzona application in action 3. Completed application 4. System revisited after 8 months ,

## Application Situation

Corroded inspection box covers at a National Grid site.

## Application Method

The application was carried out in accordance with Belzona Know-How System Leaflets TCC-1 and GSS-11. Holes were repaired by bonding on small metal plates and other areas of corrosion were rebuilt with Belzona 1111 to allow the cover plate to fit correctly. Belzona 3411 system was then applied to seal the cover plate to provide a water-tight seal.

## Belzona Facts

The customer was very happy with the end result. The Belzona repairs ensured a long term solution and the use of the Belzona 3411 made access for inspection to the switches simple. The inspection hatches were revisited 8 months later and the Belzona

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ISO 9001:2015  
FS 695214  
ISO 14001:2015  
EMS 695213

Belzona products are  
manufactured under an ISO  
9000 Registered Quality  
Management System.

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solution was found to be in perfect condition.

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