BELZONA RECOVERS ELECTRIC ENERGY TRANSMISSION TOWER BASE

ID: 5620

Industry: Power Customer Location: Electric Energy Company, Brazil

Application: GSS-Gaskets, Seals and Shims Application Date: October 2008
Substrate: Concrete and galvanized steel

* Belzona 4911 (Magma TX Conditioner), * Belzona 3111 (Flexible Membrane),

* Belzona 4111 (Magma-Quartz),

Problem

Products:

Due to the transmission towers being exposed to weathering, its concrete bases suffer from deterioration. The accumulated rainwater tends to oxidize the structure of the tower, weakening the metal base.









Photograph Descriptions

- * View of the transmission tower,
- * Deteriorated base,
- * Application of Belzona 4111,
- * Waterproofed base with Belzona 3111,

Application Situation

Concrete base of the leg of the transmission tower.

Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet GSS-3. Firstly, the concrete surface was abraded, cleaned and allowed to dry. The conditioner, Belzona 4911, was applied and allowed to dry. Belzona 4111 was then applied. After the completed cure time and dry to the touch of Belzona 4111, Belzona 3921 was applied and after the specific

For more examples of Belzona Know - How In Action, please visit https://khia.belzona.com

ISO 9001:2015 Belzona products are
FS 695214 manufactured under an ISO
ISO 14001:2015 9000 Registered Quality
EMS 695213 Management System.

www.belzona.com



amount of time, Belzona 3111 was applied.

Belzona Facts

Belzona offered the customer an excellent cost effective solution, recovering and waterproofing the area susceptible to water accumulation.

For more examples of Belzona Know - How In Action, please visit https://khia.belzona.com

www.belzona.com