

# Belzona® 3111 (Flexible Membrane) Protection in a Power Plant

ID: 504

Industry: Buildings & Structures

Application: CEP-Centrifugal Pumps

Substrate: Steel

Products: \* Belzona® 3111 (Flexible Membrane) ,

Customer Location: Power Authority, San Antonio, Texas USA

Application Date: 2002

## Problem

Water getting through collapsible roof seams wets coal and reduces fuel efficiency. Work area extremely dirty due to coal fines from belts.



## Photograph Descriptions

- \* Roof over cascade area prior to the application (note seams). ,
- \* Seam areas taped off. ,
- \* First coat of Belzona® 3111 applied. ,
- \* Completed roof. (Roof was painted following the application of the Belzona.) ,

## Application Situation

Collapsible roof over conveyor belts - in the area between the coalyard and the boiler.

## Application Method

Application was carried out in accordance with a modified version of Belzona® Know-How System Leaflet RPA-1.

## Belzona Facts

Belzona® 3111 is ideal for waterproofing roofs where movement is present. Seams were designed into this roof as a safety precaution and the reinforced Belzona system ensures areas below stay dry.

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

ISO 9001:2015

FS 695214

ISO 14001:2015

EMS 695213

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

[www.belzona.com](http://www.belzona.com)

