

# Belzona Protects a Roof Above Transformers

ID: 7798

**Industry:** Buildings & Structures  
**Application:** RPA-Roof Problem Areas  
**Substrate:** Steel and bitumen coating  
**Products:** \* Belzona 3921 (GSC Surface Conditioner) ,  
\* Belzona 3111 (Flexible Membrane) ,

**Customer Location:** Belgium  
**Application Date:** 2018

## Problem

The roof had been protected with a bitumen coating, however, this was found to be unsatisfactory by the customer. As well as this, thanks to the building not being built to specifications, there were an estimated 160 perforations across the whole of the roof. This needed to be repaired and protected given the fact that the roof protects transformers and leaks could be very dangerous.



## Photograph Descriptions

- \* Overview of the roof before the application ,
- \* A close-up view of the roof before application ,
- \* Final application ,

## Application Situation

A roof made of steel and bitumen needed to be repaired and protected.

## Application Method

The application began with the steel roof being cleaned with water and powder cleaner to remove all surface contaminants. According to a modified version of Belzona Know-How System Leaflet RPA-1, the surface was then manually roughened. A coat of Belzona 3921 Conditioner was then applied followed by a two-coat system of Belzona 3111 with a reinforcement sheet used in the first coat.

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

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## Belzona Facts

The application required between 2 and 4 people and was carried out under 3 weeks. Everything was done within the customer's timescale for the project and they were happy with the completed application.

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