

# TEMPERATURE REDUCED ON METAL ROOF WITH BELZONA

ID: 6114

Industry: Buildings & Structures  
Application: RPA-Roof Problem Areas  
Substrate: Sectional steel roofing.  
Products: \* Belzona 3111 (Flexible Membrane) ,

Customer Location: Hospital, Teesside, UK  
Application Date: 2014

## Problem

Leaks were evident from the jointing trims on the roof and the very narrow gutters. An additional problem during the summer months was the high internal temperatures of the rooms beneath and air-conditioning units would struggle to keep the areas cool enough for the staff and supplies. In fact, the building was known locally to staff as the "biscuit tin", as you would bake inside it.



## Photograph Descriptions

- \* Corroded sectional metal roof ,
- \* Gutter detail close up ,
- \* Gutter detail coated with Belzona 3111 ,
- \* Completed application ,

## Application Situation

Steel roof over Medical equipment store.

## Application Method

The application was carried out in accordance with Belzona Know-How System Leaflets RPA-1, RPA-6 and RPA-8.

## Belzona Facts

The Belzona 3111 water based membrane was able to seal the most complex of geometries with a simple brush application. Despite the gutters being only 70mm wide and having restricted access, they were all successfully sealed. The whole roof was protected with Belzona 3111 in a light grey colour to help with solar reflection in the summer, and so help reduce the temperatures inside.

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)

  
**BELZONA**<sup>®</sup>  
Repair • Protect • Improve

---

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)

