

# COMPLEX ROOF WEATHERPROOFED WITH BELZONA

ID: 4676

**Industry:** Buildings & Structures  
**Application:** RPA-Roof Problem Areas  
**Substrate:** new felt backed insulation boards  
**Products:** \* Belzona 3131 (WG Membrane) ,

**Customer Location:** Boarding school, SW England  
**Application Date:** August 2013

## Problem

Severe water ingress was occurring in various areas but were not obvious due to the poor condition of the substrate. The complex geometry and multiple substrates on the roof made traditional refurbishment solutions not viable options. At same time the client required insulation value of the roof to be increased.



## Photograph Descriptions

- \* Installation of new insulation boards ,
- \* New integrated gutters were created due to the increased thickness of insulation ,
- \* Completed application showing the complex geometry of the roof ,
- \* Completed application showing bonding to several different substrates. ,

## Application Situation

School boarding house roof with complex geometry.

## Application Method

The application was carried out in accordance with Belzona Systems leaflet RPA-8 after installation of new felt back insulation boards.

## Belzona Facts

Belzona 3131 bonds to all of the substrates (Tile, Wood, Glass, Stone & Bitumen) and follows the complex geometry allowing the Belzona solution to be completed over two weeks and the results were a complete success.

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**  
Repair • Protect • Improve