

# BELZONA SOLVES LEAKING SCHOOL ROOFS

ID: 4129

Industry: Buildings & Structures

Customer Location: Prestigious boarding school in the south west of England

Application: RPA-Roof Problem Areas

Application Date: August 2012

Substrate: Asphalt, Slate, lead & Stone

Products: \* Belzona® 3131 (WG Membrane) ,

## Problem

Asphalt, used to replace lead flashings in gutters, had failed allowing water ingress into the four boarding house buildings. Several attempts to repair the asphalt had failed. The school required a solution to be cold applied so allowing them to remain in use.



## Photograph Descriptions

- \* Asphalt replacement of lead flashing showing heavy UV degradation and breakdown ,
- \* View of roof showing gutter and asphalt replacement of lead flashing ,
- \* Belzona® 3131 successfully applied to area of flashing where substrates are slate, asphalt & stone ,
- \* Finished Belzona® 3131 application to gutters and flashing. ,

## Application Situation

School had been suffering water ingress via lead flashings & gutters on four boarding house roofs.

## Application Method

The application was carried out in accordance with modified versions of Belzona Know-How System Leaflets RPA-6 & RPA-8.

## Belzona Facts

The Belzona solution was carried out over two weeks. Belzona® 3131 bonding to all of the substrates meant that the old asphalt did not require complete removal which could have led to damage to the slate tiles. The results were a complete success allowing the school continued use of the boarding houses. To replace the damaged asphalt with traditional lead work would have been over budget & involved hot work stopping the use of the boarding houses & the summer school events.

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.

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