

# Long-Term Water Ingress Issues Solved By Belzona

ID: 7548

**Industry:** Buildings & Structures  
**Application:** RPA-Roof Problem Areas  
**Substrate:** Bitumen / Asphalt  
**Products:** \* Belzona 3131 (WG Membrane) ,  
\* Belzona 4141 (Magma Build) ,

**Customer Location:** University, Manchester, UK  
**Application Date:** 2015

## Problem

There had been many issues with water ingress for close to a decade and many patch repairs of various types had been undertaken all with very limited success. The building housed many personnel along with IT and building control system servers. There were several areas where HVAC systems were located that created some complex geometry to work around.



## Photograph Descriptions

- \* 1. Overview of the roof areas before work commenced ,
- \* 2. HVAC systems located on the roof before work commenced ,
- \* 3. Completion of the HVAC areas ,
- \* 4. Completed Application ,

## Application Situation

A large flat roof section divided by a walkway

## Application Method

The application was carried out in accordance with Belzona System Leaflets RPA-1 and RPA-8

## Belzona Facts

These issues had been tolerated for long enough and it had become critical that these issues be resolved completely for the long term. The client was looking for a long term solution that was cost effective and would cause minimal disruption to those working in the building. In close liaison with the university and the occupants of the building the work was undertaken and completed in 4 weeks. The repairs were a complete success and the client delighted with the results

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ISO 9001:2015  
FS 695214  
ISO 14001:2015  
EMS 695213

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