Belzona Saves University Library From Water Ingress

ID: 7547

Industry: Buildings & Structures Customer Location: Library at a Manchester University

Application: RPA-Roof Problem Areas Application Date: 2014

Substrate: Glass, Metal

Products: * Belzona 3121 (MR7),

Problem

Water ingress was discovered resulting from failure of the sealing materials between the glazed units, caused by UV attack and constant movement due to thermal expansion.









Photograph Descriptions

- * 1. Overview of the units,
- * 2. Close up of the damaged area,
- * 3. Internal view,
- * 4. Completed application with Belzona 3121 in place,

Application Situation

Long stretch of roof lights over library allowing natural light into the building

Application Method

The application was carried out in accordance with Belzona System Leaflet RPA-3.

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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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Belzona Facts

The client required a quick, safe and cost effective solution to the water ingress issues. There was the potential for slips on wet floors, water damage to library books and electrical equipment. Removing and replacement of the sealant could have resulted in damaged glazed units, additional time, costs and the danger of falling glass. The work was carried out very successfully over a 15 day period causing minimal disruption and saving the client substantial costs.

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