

BELZONA RESOLVES WATER INGRESS ISSUES IN SCHOOL CORRIDOR WALKWAY

ID: 3011

Industry: Buildings & Structures
Application: RPA-Roof Problem Areas
Substrate: UPVC, Brick, Cement Render
Products: * Belzona® 3131 (WG Membrane) ,

Customer Location: Junior School, Chesterfield UK
Application Date: 2010

Problem

Approximately 8 years prior to the Belzona application the corridor walkways had been enclosed to provide a safe and warm environment for children and staff to travel around the school. Within a couple of years there was water ingress causing dampness to the carpeting and presenting a potential slip risk. The problem was identified as failing sealant between the UPVC panels and the original brick and cement rendered structures. Over the 6 years several attempts were made to reseal but all had failed.



Photograph Descriptions

- * View of the corridor walkway from the playground ,
- * View from within the corridor walkway with water staining to the carpet clearly evident ,
- * Close up view of the main areas of water ingress ,
- * Completed Belzona® 3131 fully reinforced application ,

Application Situation

Previously open corridor walkways enclosed with UPVC double glazing.

Application Method

The application was carried out in accordance with a slightly modified version of Belzona Know-How System Leaflet RPA-1

Belzona Facts

The repairs were carried out over two days in each of the two sections of corridor walkway. 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

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allowing the school to replace the water damaged carpet with new, confident that there would be no further water ingress issues via the Belzona® 3131 protected areas.

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