

Keeping the rain out with Belzona Expansion Joints

ID: 512

Industry: *Buildings & Structures*

Application: *FPA-Floor Problem Areas*

Substrate: *Asphalt and brick*

Products: ** Belzona® 4521 (Magma-Flex Fluid) ,
* Belzona® 2211 (MP Hi-Build) ,
* Belzona® 4111 (Magma-Quartz) ,*

Customer Location: *Local Authority, St.Helens, UK*

Application Date: *June 2004*

Problem

Leaking expansion joints



Photograph Descriptions

- * Old joint being scraped out ,
- * Joints masked off ready for re-filling ,
- * The completed repair ,
- * An external 7-meter vertical expansion joint ,

Application Situation

Vertical and horizontal expansion joints in asphalt floor and brick walls of shelterd housing complex.

Application Method

The application was carried out in accordance with Belzona Know-How System Leaflets FPA-5 & FPA-6.

Belzona Facts

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.

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The old expansion joints were not flexible enough and were allowing rainwater to seep through into the neighboring dwellings causing damp problems. The joints were removed and filled using Belzona® 4521 for the horizontal joints and Belzona® 2211 for the vertical. A layer of Belzona® 2211 was also applied over the horizontal joints to improve the aesthetics of the repair.

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