

## KEEPING THE RAIN OUT WITH BELZONA EXPANSION JOINTS

### CUSTOMER

Local Authority, St.Helens, UK

### APPLICATION DATE

June 2004

### APPLICATION SITUATION

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

### PROBLEM

Leaking expansion joints

### PRODUCTS

Belzona® 4521 (Magma-Flex Fluid)

Belzona® 2211 (MP Hi-Build)

Belzona® 4111 (Magma-Quartz)

### SUBSTRATE

Asphalt and brick

### APPLICATION METHOD

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

### BELZONA FACTS

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.

### PICTURES

1. Old joint being scraped out
2. Joints masked off ready for re-filling
3. The completed repair
4. An external 7-meter vertical expansion joint



For more examples of *Belzona Know-How In Action*, please visit <http://khia.belzona.com>



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