

# Belzona solution for failed expansion joints

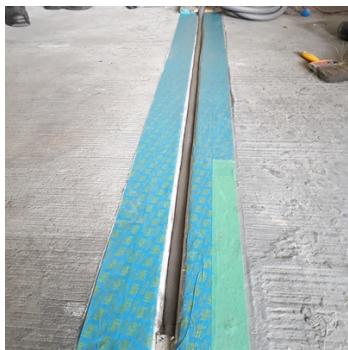
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Industry: *Buildings & Structures*  
Application: *FPA-Floor Problem Areas*  
Substrate: *Concrete*  
Products: *Belzona 4521 (Magma-Flex Fluid), Belzona 4911 (Magma TX Conditioner)*

Customer Location: *Worksop*  
Application Date: *April 2019*

## Problem

*Repeated failed expansion joints meant the client needed to rethink the approach for a solution which would be durable and lasting.*



Area is prepared and foam backer rod is placed at the correct depth



Joint prepared and 4521 being applied



Pouring in the Belzona 4521



Completed works showing the Belzona 4521 still in it's intended location

## Application Situation

On many occasion, other materials, mainly the general polysulphides had been offered as a solution. The client needed a durable solution

## Application Method

All target areas were cleaned and vacuumed, then masked along the sides to give clean lines

A foam backer rod was inset into the joint at a depth of half that of the joint's width

Belzona 4911 was applied to all target areas

The Belzona 4521 was mixed and applied in accordance with the IFU

This was then poured into the joint, smoothed over, masking removed and left to cure

## Belzona Facts

The Belzona 4521 held it's place, giving it ample time to cure, giving a long lasting and robust solution

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ISO 9001:2015

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FS 695214

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