

# Expansion Joint Repair

ID: 9965

Industry: Pharmaceutical

Customer Location: Kryoneri Greece

Application: FPA-Floor Problem Areas

Application Date: July 2024

Substrate: Concrete

Products: Belzona 2221 (MP Fluid Elastomer), Belzona 2911 (Elastomer QD Conditioner), Belzona 4111 (Magma-Quartz), Belzona 4911 (Magma TX Conditioner), Belzona 9411 (Release Agent)

## Problem

The expansion joint exhibited advanced deterioration, resulting in loss of movement accommodation and ineffective water sealing. This condition increased the risk of progressive substrate degradation and contributed to vehicle impact damage, including premature tire and suspension wear.



Initial surface condition



Belzona 4111 application



Belzona joint edge repair completed



Application completed

## Application Situation

The Belzona system allowed in-situ repair without shutdown, avoiding production losses and costly traffic rerouting.

Rapid curing enabled a quick return to service, minimising disruption and labour costs.

Its long-term durability reduces future maintenance, protecting both the substrate and vehicles, delivering significant lifetime savings.

## Application Method

The application was carried out in accordance with FPA-5 and FPA-6.

## Belzona Facts

The Belzona system provided an in-situ repair without shutdown, avoiding production losses and costly joint replacement.

Traditional sealants or full replacement would have required long downtime, high costs, and frequent rework.

Belzona's fast-curing, flexible, and durable solution restored performance quickly while ensuring long-term protection.

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

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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