

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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