

PARKING LOT ENTRANCE DAMAGED DUE THE HEAVY TRAFFIC LOAD AND HARSH WEATHER

ID: 9697



PROBLEM

An expansion joint in the parking lot ramp of a large residential building was defective, and the customer sought a permanent solution that would minimize disruption to the daily activities of the building's residents.

APPLICATION SITUATION

The customer was seeking a durable solution with a fast-curing time. Although it was their first experience working with Belzona, they were impressed by the comprehensive information provided in our product data sheet and the successful case studies we shared.

APPLICATION METHOD

To minimize disruption to ramp usage, the repair was divided into two phases. One half of the ramp remained open for use while the other half was repaired. Loose concrete was thoroughly cleaned and removed before applying 4911 conditioner. Worn-out areas were then repaired using 4111. Once the 4111 was stable, 2211 was used to fill the expansion joint. After curing, the process was repeated on the remaining half of the ramp, completing the repair.

BELZONA FACTS

The customer was highly satisfied with the rapid curing of the products and their exceptional performance. We plan to follow up with the customer next spring to address additional areas that require improvement.

INDUSTRY

Buildings & Structures

LOCATION

Ontario

APPLICATION DATE

August 2024

PRODUCTS

Belzona 2211 (MP Hi-Build Elastomer)
Belzona 2911 (Elastomer QD Conditioner)
Belzona 4111 (Magma-Quartz)
Belzona 4911 (Magma TX Conditioner)

SUBSTRATE

Concrete

PHOTOS

1. Parking lot area before repair.
2. Application of Belzona 4911 and Belzona 4111.
3. Area tapped for application of Belzona 2911 and then Belzona 2211.
4. Application completed of Belzona 2211