

BELZONA EFFECTS EMERGENCY REPAIRS TO LEAKING SWIMMING POOL

CUSTOMER

Public swimming pool, British Columbia, Canada

APPLICATION DATE

August 2011

APPLICATION SITUATION

Public swimming pool in emergency shutdown due to chronic water leakage.

PROBLEM

Vibration from the use of a “jackhammer” by a contractor in the pool basin to expose leaking pipes had caused cracks to develop in the concrete grout forming the edges of this pool’s unique expansion joint system. Dye testing located 12 separate leaks.

PRODUCTS

Belzona® 4111 (Magma Quartz)

Belzona® 2211 (MP Hi-Build Elastomer)

SUBSTRATE

Concrete

APPLICATION METHOD

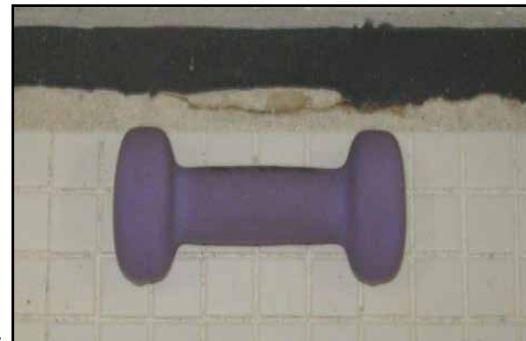
Application was carried out in accordance with Belzona Know-How System Leaflets FPA-5 & FPA-6. Cracked grout was removed and joint edges rebuilt with Belzona® 4111, followed by repair with Belzona MP Elastomer of the expansion joints in affected areas.

BELZONA FACTS

The emergency Belzona repairs were completed over a period of two days and the pool was re-opened to the public one week after the Belzona repairs had been completed. Leakage was found to be even lower than before the initial problem had arisen.

PICTURES

1. The grout used to form the expansion joint sides, and the crack in it, are visible above the hand weight used to mark leak locations during dye testing
2. The void beneath the crack is exposed
3. The joint repaired. Twelve separate leaks were isolated and sealed



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