

BELZONA® 4111 AFTER 15 YEARS

ID: 1172

Industry: Buildings & Structures

Customer Location: Kiel Center in 1993, Scott Trade Center
Today, St. Louis, Missouri U.S.A.

Application: FPA-Floor Problem Areas

Application Date: Summer 1993

Substrate: Concrete

Products: * Belzona® 4111 (Magma Quartz),

Problem

The concrete floor was mistakenly poured 3/4" on top of the anchors for the hockey dasher boards (two sizes, one for the NHL, the other for Olympic events) & circus tie down anchors.



Photograph Descriptions

- * Overall view of the floor in 1993 ,
- * Anchor points being chipped out ,
- * Starting the repairs ,
- * Typical Belzona anchor 2008 ,

Application Situation

New construction of arena floor used for hockey and other events contained threaded anchors for sporting furniture.

Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet FPA-10. The floor was laid out to expose the more than 700 anchor locations. The concrete chipped out to expose the anchors. Release agent treated all-thread was used to form anchor thread in the Belzona® 4111.

Belzona Facts

There was no other easy way to restore the floor quickly except replace the entire floor. Previous experience with the building

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ISO 9001:2015

FS 695214

ISO 14001:2015

EMS 695213

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9000 Registered Quality
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manager & the NHL at another St. Louis location proved that Belzona® 4111 would work. Time was short so that a fast solution was needed to meet the buildings opening schedule. Anchors are still effective 15 years on.

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