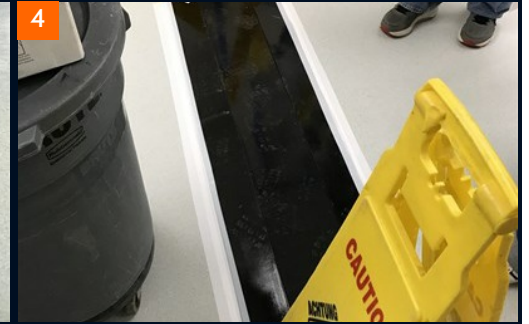


BELZONA INSTALLS A NEW EXPANSION JOINT FOR A SMOOTH RIDE AT AN OPERATING ROOM

ID: 7640



PROBLEM

Existing solution of a thin stainless steel cover has failed in the OR (operating room), client was seeking a new fix to an old and ongoing problem for this older building.

APPLICATION SITUATION

Client had a failing expansion joint covered by a thin stainless steel plate. Within a year the new stainless steel cover had bowed causing medical carts to tip over, or staff to trip and possibly fall.

APPLICATION METHOD

The application was carried out in accordance with a modified version Belzona System Leaflet FPA-6 for replacing expansion joint sealant.

BELZONA FACTS

Alternative was to have another stainless steel cover reinstalled, only to have it fail after a year. The permanent solution was a "Smooth Ride" expansion joint with Belzona products which will save the hospital unnecessary downtime by having a smooth surface to ensure no more spills, trips and falls. The custom fabricated a steel bridge to allow the OR unit to re-open the following day once the special containment was removed and the area sterilized. The cold floor of this OR unit made the curing process a lot slower and having the custom fabricated bridge was the only way this application was able to be performed.

INDUSTRY

Buildings & Structures

LOCATION

Florida, USA

APPLICATION DATE

December, 2017

PRODUCTS

Belzona 2131 (D&A Fluid Elastomer)
Belzona 2211 (MP Hi-Build Elastomer)
Belzona 2911 (Elastomer QD Conditioner)
Belzona 4131 (Magma-Screed)
Belzona 4911 (Magma TX Conditioner)

SUBSTRATE

Concrete substitute with Terrazzo flooring

PHOTOS

1. The stainless steel cover removed exposing the failing expansion joint material.
2. Scarifying one side to even the joint which was off in some areas by a 1/4 of an inch thick.
3. Finished application.
4. Custom 1/8" thick steel bridge fabricated specific to this application to allow the OR unit to re-open during the curing process.

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

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