X-RAY ROOM FLOOR REPAIRED WITH BELZONA

ID: 9527


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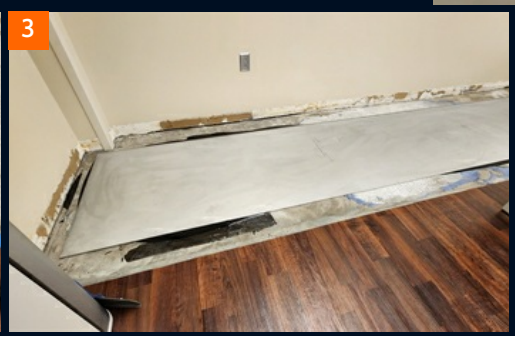
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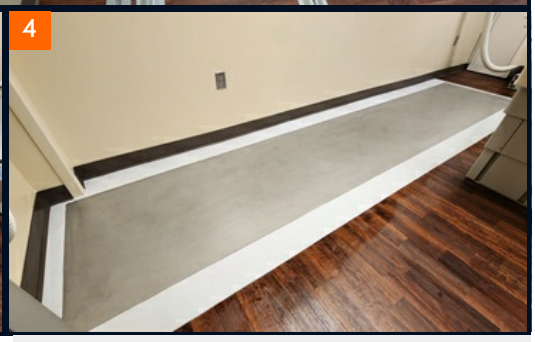
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PROBLEM
Lack of structural integrity was the culprit for uneven, sagging floors in a local hospital resulting in failures in medical imaging equipment.

APPLICATION SITUATION
The solution required reinforcement of the concrete subfloor while maintaining a glass like smoothness in the transition to maintain patient safety, ease of use and chiefly, the accuracy of the medical equipment.

APPLICATION METHOD
Upon preparation of the substrate one continuous steal plate was cold boned in place using Belzona composite. Belzona 4131 composite was troweled to transition the perimeter of the steel plate then over coated with Belzona 5231 safety flooring.

BELZONA FACTS
Environmental safety was a key factor for this application. The solution provided very little downtime. The floor defect will no longer present an issue. This solution is designed to last for the entire lifespan of the customer's valuable medical equipment.

INDUSTRY
Buildings & Structures

LOCATION
North Kansas City, MO

APPLICATION DATE
May 2024

PRODUCTS
Belzona 4131 (Magma-Screed)
Belzona 5231 (SG Laminate)
Belzona 5811 (Immersion Grade)

SUBSTRATE
Concrete

PHOTOS

1. X-ray machine's weight is visibly not supported properly causing bowing of the floor underneath
2. Flooring was removed to reveal uneven substrate
3. Steel plate cold bonded to concrete
4. Transitions formed from steal plate to laminate with wall cove base reinstalled