

Belzona 5811 & 3121 Seals Stair Landing from Future Leaks

ID: 9257

Industry: *Buildings & Structures*
Application: *FPA-Floor Problem Areas*
Substrate: *Concrete*
Products: *Belzona 3121 (MR7), Belzona 4111 (Magma-Quartz), Belzona 5811 (Immersion Grade)*

Customer Location: *Birmingham, AL*
Application Date: *January 2024*

Problem

Our client was experiencing leaks to an office below from an outdoor stair landing that had been closed off and coated 10+ years ago.



Old Coating was removed and floor was taken to bare concrete by a diamond grinder.



Belzona 5811 as our base coat to the "basin"



Belzona 3121 with Reinforcement cloth to the seams



Final product

Application Situation

After removing the thick mat-like coating that had bubbled and failed, we prepared the concrete floor and 8" up the wall with a diamond grinder to achieve desired substrate. We then proceeded with building a 2" cove out of Belzona 4111 to the seam where the wall meets the floor on all sides. Next, we applied 1 coat of Belzona 5811 to the floor and up the walls 8". After curing we painted an 8" strip bridging the floor to the wall out of Belzona 3121 engrained into reinforcement cloth finishing with a second coat of Belzona 3121. 3 weeks later and heavy rains, they are not experiencing any more leaks.

Application Method

Diamond Grinder for Preparation

2" Trowel for Cove

Rollers and Naps for Belzona Application

Belzona Facts

We repaired a small 8" drain for UAB a year prior to this repair and it worked well. This led them to decide to do a larger area with us. They are now looking at a 2000 sq ft area with this same application.

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FS 695214
ISO 14001:2015
EMS 695213

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