

Hospital Cafeteria Drain Sealed with Belzona 3121

ID: 10034

Industry: Buildings & Structures
Application: FPA-Floor Problem Areas
Substrate: Carbon steel
Products: Belzona 3121 (MR7)

Customer Location: Houston, TX
Application Date: October 2025

Problem

This multi story Hospital has an ice machine in the cafeteria that constantly drips into a floor drain. Over time the water has corroded the pipe and leaked into the office space at the level below. The water leaked onto computer equipment and personal belongings in the office area causing an unhappy office staff, staining on the ceiling with potential for mold, financial loss in damaged equipment, and safety concerns. This problem had been happening for months and finally needed to be stopped.



Ice machine with drain below

Drain close up image, with tape measure for scale

After surface prep was completed SSPC-SP11

After application was completed with Belzona 3121

Application Situation

The cafeteria area that this drain was located in was difficult to access. The ice machine had to be moved along with a plumber to remove the piping for access. The work could only be completed outside of normal business hours because the heavy use of the area to feed the hospital and its patients. The customer needed a quick curing surface tolerant repair method, that is flexible and corrosion resistant. The area could not be accessed from underneath, making the replacement of the drain pipe not a viable option.

Application Method

Access was given and the drain was dry when we began. Our team taped off the application area, and began surface prep. We used grinders to abrade the metal drain and extend prep onto the concrete floor. Belzona 3121 was applied in a two coat system onto the drain to seal.

Belzona Facts

Belzona was chosen because of our quick response time, ability to return to service quickly, short repair time, low cost, and reliable products. This customer looks to us as their leak sealing expert. The 20 story building is over 20 years old and routinely has leak issues, and leans on Belzona for work of this kind.

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FS 695214
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