

Belzona 3121 Keeps the ER Entrance Dry

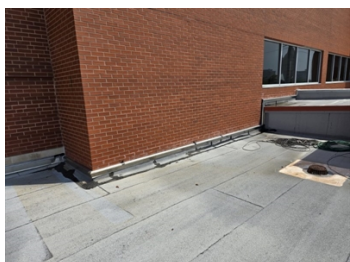
ID: 9448

Industry: *Buildings & Structures*
Application: *RPA-Roof Problem Areas*
Substrate: *Masonry*
Products: *Belzona 3121 (MR7)*

Customer Location: *Tulsa Oklahoma*
Application Date: *July 2024*

Problem

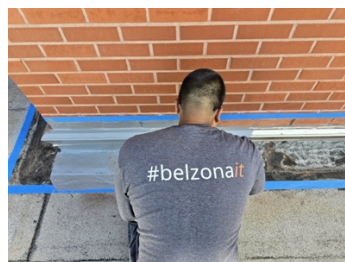
Leaks in the roof over the entrance of the ER was getting paramedics and patients wet when it was raining.



Original condition of the roof showing where other roof repair materials had been applied that failed.



The repair area cleaned, prepped, and taped off.



Applying the first coat of Belzona 3121.



Completed application.

Application Situation

There was a leak in this area of the roof. This section of roof is over the entrance and equipment storage area at the ambulance entrance to the ER department. The exact source was unknown, but there were several suspect areas in this zone. The customer had applied other materials several times, and each time the leak would stop for a couple days and then begin leaking again. The leak was damaging ceiling tiles inside, as well as creating slippery floors, and would make the paramedics and patients wet when entering the hospital. The leak was so bad that the paramedics would refuse to transport patients to this hospital if it was raining.

Application Method

Sanding disks were used on a grinder to prep the roofing material and metal flashing with careful inspection to ensure the substrate was solid with no loose sections. The brick was prepped with a masonry grinding disk. The first coat of Belzona 3121 was applied with care to get into all of the crevices and seams. Belzona 9331 reinforcement sheet was embedded into the first layer, and then overcoated with a second coat of Belzona 3121.

Belzona Facts

Alternatives had already been tried and failed, and with the risk of injury from slipping, the hospital needed a reliable permanent repair. This Belzona solution was chosen based on previous case study information and how quick and simple the application process is.

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FS 695214
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EMS 695213

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