

# Sealing of the High School Orchestra Pit

ID: 9025

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

Customer Location: Washington, NC  
Application Date: February 2023

## Problem

Local High School was experiencing ground water seepage into their Orchestra pit. As a result, all practices were postponed indefinitely until the pit was repaired.



Damage area



Preparing the surface



4111 and 3121 application



5811 top coat was applied

## Application Situation

The High School Orchestra has to cancel all practices. The local school district had already tried numerous options/repair, all of which had failed.

## Application Method

Old repairs were removed with the use of hand tools. Cove was build using Belzona 41111 and then sealed with Belzona 3121. Two-coat system of Belzona 5811 was then applied to entire orchestra pit.

## Belzona Facts

District has already spent over \$10,000 trying numerous repairs, all of which had failed. Belzona 4111 was chosen for it's ability to adhere to old concrete and protection against environmental attack (water). Belzona 3121 was chosen for its ability to bond strongly to a wide range of substrates and instant waterproofing capabilities. Belzona 5811 (immersion grade) was chosen for the ability to operate under immersion conditions and easy of application.

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FS 695214  
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