

# BELZONA REPAIRS STEPS AT A SCHOOL

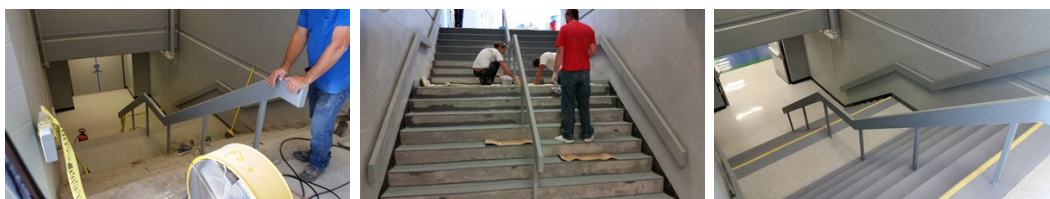
ID: 6333

**Industry:** Buildings & Structures  
**Application:** FPA-Floor Problem Areas  
**Substrate:** Concrete  
**Products:** \* Belzona 5231 (SG Laminate) Belzona 5233 Belzona 4111 (Magma-Quartz) Belzona 4411 (Granogrip) ,

**Customer Location:** School District, Blue Springs, Missouri  
**Application Date:** August 2015

## Problem

The vinyl treads of steps at this busy school were badly worn after just one year of service. The vinyl was wearing through at the step edges (nosings) and delaminating slightly on the stair treads, causing a trip hazard. Replacement was costly and would not provide the longer term solution this school was looking for.



## Photograph Descriptions

- \* 1. Vinyl removed and glue scraped ,
- \* 2. Applying Belzona 4111 ,
- \* 3. Belzona 4411 added to highlight step changes ,
- \* 4. Inspection after 18 months revealed them to be in perfect condition ,

## Application Situation

Steps at a school

## Application Method

The glued down treads were removed and the concrete was prepared and spot repaired with Belzona 4111. Belzona 5231 broadcasted with locally sourced aggregate was applied, followed by a top coat of Belzona 5233 to completely seal and ease the cleaning of the treads. Belzona 4411 applied to highlight step changes with its safety yellow color. A modified FPA-8 system leaflet was followed.

## Belzona Facts

The project was accomplished in two days from start to finish and ready for pedestrian traffic the next day, with no odor. Belzona's solution was 1/4 the replacement cost of vinyl treads and proved to be cost-effective in the long term as well. Inspection after 18 months revealed the stairs to be in perfect condition, with the local Belzona Distributor saying that the stairs looked brand new, with no scratches and no wear on the treads or edges. The school's Associate Principle said that when they are properly cleaned, the stair look really good.

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ISO 9001:2015  
FS 695214  
ISO 14001:2015  
EMS 695213

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