

# Historical Steel Staircase Renewed with Belzona

ID: 6394

Industry: *Buildings & Structures*  
Application: *FPA-Floor Problem Areas*  
Substrate: *Steel*

Customer Location: *Kansas City, MO*  
Application Date: *October 2016*

Products: *\* Belzona 5231 (SG Laminate) ,*  
*\* Belzona 1221 (Super E-Metal) ,*  
*\* Belzona 5233 ,*

## Problem

*The original 1940's steel staircase at the future home of the Kansas City Museum was in much need of repair or replacement.*



## Photograph Descriptions

\* 1) Before / previous condition 2) After media blasting 3) After rebuilding the step nosings with Belzona 1221 4) Finished with anti-slip aggregate installed ,

## Application Situation

The original steel staircase on a historical building in downtown Kansas City was brought back to life with Belzona.

## Application Method

The entire staircase was blasted to near white metal. Belzona 1221 was used to anchor in a steel nosing. Belzona 5231 was used as the base coat on all surfaces and an anti-slip aggregate was broadcasted on all foot path areas. A final top coat of UV stable Belzona 5233 was then installed on all surfaces.

## Belzona Facts

Replacing the stair with a similar kind was in excess of \$50,000 and the Belzona application was less than \$10,000.

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

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