

PROVEN BELZONA REPAIR AND PROTECTION OF FLOOR PROBLEM AREAS

CUSTOMER

Correctional Facility, Missouri, USA

APPLICATION DATE

September 2003

APPLICATION SITUATION

Metal tread on concrete steps

PROBLEM

The metal treads on these stairs had come loose due to severe spalling around the fasteners. The corrosion of the treads had stained the risers and created an unsightly appearance. The conventional solution was a costly tear-out and replacement.

PRODUCTS

Belzona 4131 (Magma-Screed)

SUBSTRATE

Concrete

APPLICATION METHOD

The application was carried out by the in-house crew with Belzona technical training. Lap siding was attached to the risers to use as formers and Belzona 4131 was applied to completely resurface the steps.

BELZONA FACTS

The durable Belzona system was a fraction of the cost of replacement and had limited downtime, allowing the stairs to be back in service the very next morning. This solution has an unrivaled slip resistance and is impervious to ice melt and freeze/thaw.

PICTURES

1. Overview damage of treads on concrete steps
2. Damage to the concrete
3. Completed application
4. Inspection after 12 years shows steps to be in perfect condition



1.



2.



3.



4.

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