

BELZONA PROTECTS TOOTHPASTE FACTORY FLOOR

ID: 5530

Industry: Chemical & Petrochemical

Customer Location: Pharmaceutical Company, Maidenhead, UK

Application: FPA-Floor Problem Areas

Application Date: October 2014

Substrate: Steel Chequer Plate

Products: * Belzona 5811 (Immersion Grade),

Problem

The originally applied protective coating on the floor had failed, due to the spillage of Flavour Oils and the use of caustic soda to clean the room daily. As a result, water/cleaning fluid was leaking through the floor and into the packing area below. The existing polyurethane coating was in most part still intact and showed good adhesion to the steel/aluminum chequer plate. The area's which have failed are where the floor is most exposed to the chemicals i.e. drain areas and flow paths. Access to some of the areas was restricted by pipe work and plant.



Photograph Descriptions

- * Damaged Floor ,
- * Washing to remove dye ,
- * 1st coat application ,
- * 2nd coat application ,

Application Situation

Pressure pot room where colour is added to toothpaste

Application Method

The application was carried out in accordance with Belzona Know How System Leaflet FPA-3. All sound areas of the existing coating were left in place as total removal was not an option.

Belzona Facts

Prior to the application, a trial area of 50m² was applied with the Belzona system. Thoroughly satisfied with the result, the customer

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ISO 9001:2015

Belzona products are

FS 695214

manufactured under an ISO

ISO 14001:2015

9000 Registered Quality

EMS 695213

Management System.

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proceeded with the application to the complete 2000m² area.

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