

Belzona takes the floor

ID: 8538

Industry: Buildings & Structures
Application: FPA-Floor Problem Areas
Substrate: Concrete
Products: * Belzona 4981 ,
* Belzona 5892 ,

Customer Location: Spain
Application Date: June 2021

Problem

Equipment within the flooring area stores and processes chemicals including Sodium Hydroxide and Potassium Hydroxide at temperatures up to 80C. In case of spillage, the bare concrete would be easily attacked, therefore a protective system is required.



Photograph Descriptions

- * 1. Preparation of concrete floor ,
- * 2. Application of Belzona 4981 ,
- * 3. Belzona 5892 applied to plinths ,
- * 4. Completed Application ,

Application Situation

An Aluminium production plant had extended their production area, installing new flooring of 1750 sqm.

Application Method

The application was carried out in accordance with a modified version Belzona Know-How System Leaflet FPA-3. After allowing the concrete to dry for 28 days, the concrete floor was prepared by vacuum cleaning to remove dust and loose particles, leaving a clean, dry and firm substrate. Belzona 4181 was applied to the area to prevent outgassing and provide excellent adhesion to the concrete. Belzona 5892 was then applied as a 2-coat system to protect the concrete from chemical spillage and provide a robust flooring surface for regular foot traffic.

Belzona Facts

The high temperature chemical resistant properties of Belzona 5892 offer excellent performance. Additionally, being liquid applied, the Belzona system allows for a seamless finish and quick application, compared with chemical resistant tiles. Easy installation onto

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FS 695214
ISO 14001:2015
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equipment support plinths was also a benefit, ensuring all areas of the concrete are suitably protected.

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