

Belzona Lays New Chemical Foundation in Food Sector

ID: 8365

Industry: Food & Drink

Customer Location: Finland

Application: FPA-Floor Problem Areas

Application Date: August 2020

Substrate: Concrete

Products: * Belzona 4111 (Magma-Quartz) ,
* Belzona 4911 (Magma TX-conditioner) ,
* Belzona 4154 (Magma Quartz resin) ,
* Belzona 4311 (Magma CR1) ,

Problem

Downtime was a big factor. Time given for the whole project of disassemble the old equipment, building new foundation and assembling the new equipment was 5 days. Disassembly took 2.5 days due to some difficulties, and the assembling, including adjustments of the equipment needed 2 days, so the foundation needed to be ready for assembling on Thursday morning. Time given for preparing, building and top-coating was finally only from Wednesday 15:00 to Thursday morning 07:00. During this time also the Top-Coat needed to be ready for light loading and light pedestrian footfall.



Photograph Descriptions

- * Picture 1 : Old floor de-assembly ,
- * Picture 2 : Deeper areas (2-30cm) filled with Belzona 4154 ,
- * Picture 3 : Belzona 4111 used to reach the final level ,
- * Picture 4 : Belzona 4311 used as a top-coat , a final chemical resistant and safe floor-surface is achieved. ,

Application Situation

A production plant in the Food industry was renewing their process equipment and the old equipment and foundation needed to be disassembled and removed. A new foundation needed to be casted on-site. The final shape and volume of the new foundation could not be determined, until the old chemical deteriorated flooring was removed, cleaned and prepared. Acids used in the production had caused severe deterioration to the existing flooring areas.

Application Method

For more examples of Belzona Know - How In Action, please visit <https://khia.belzona.com>

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

Belzona products are
manufactured under an ISO
9000 Registered Quality
Management System.

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The application was carried out in accordance with Belzona System leaflet FPA-1.

Belzona Facts

For the customer, choosing a Belzona solution was an easy choice. They have used Belzona for several years and they knew that no other product is able to cure in the time Belzona does and that very few other product can cope with the conditions they face in the process environment. The customer was very pleased with the outcome and the significant saving, postponing of the production start-up, would have caused severe costs to the company.

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