

Providing hard-wearing flooring solutions for the Food and Beverage Industry



Flooring within the Food and Beverage industry can be subject to many maintenance issues such as deterioration, wear or chemical attack. All of which can cause potential safety hazards and exacerbate other issues.

Consequently, any maintenance repairs have to be of the highest quality, to ensure long-term repair and protection, as well as ensuring safety.

Belzona Solutions

Belzona has developed several solutions for the maintenance of flooring such as concrete repair materials, chemical-resistant coatings and grip systems. All of these fast-curing and impact-resistant materials are designed to meet the challenges of this industry.

Additional benefits of Belzona materials:



CONCRETE REPAIR

For deteriorated concrete, Belzona has a number of materials to provide a fast-curing and durable repairs. These then protect the flooring going forward with superior properties to the original concrete.



SAFETY GRIP SYSTEMS

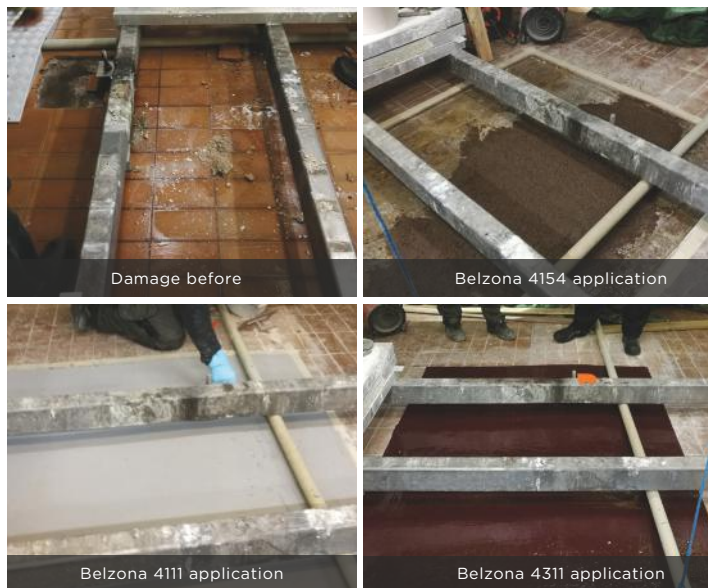
For safety enhancement, positive grip coatings can be utilised as they provide slip reduction to flooring. They are also available in a range of colours to aid visibility.



CHEMICAL RESISTANT

Chemical resistant coatings are specially designed to ensure long-term chemical protection to areas such as secondary containment areas, channels and gratings.

Belzona Know-How *in Action:*



Sausage Skin Factory, Finland

PROBLEM:

Chemicals were spilling onto the factory floor and attacking the grout between the tiles. This was creating an uneven, hazardous flooring. The plant did not want to experience the downtime that a traditional cementitious repair plus chemical resistant coating would have incurred.

SOLUTION:

After preparing the surface, the application began with Belzona 4154 (Bulkfill Resin) which was used to repair the larger voids of damaged concrete. This was then overcoated by Belzona 4111 (Magma-Quartz) to restore the original level of the flooring. Finally, Belzona 4311 (Magma CR1) was applied to provide chemical resistance.

Whisky Bottling Plant, UK

PROBLEM:

Chemicals were spilling onto the factory floor and attacking the grout between the tiles. This was creating an uneven, hazardous flooring. The plant did not want to experience the downtime that a traditional cementitious repair plus chemical resistant coating would have incurred.

SOLUTION:

After preparing the surface, the application began with Belzona 4154 (Bulkfill Resin) which was used to repair the larger voids of damaged concrete. This was then overcoated by Belzona 4111 (Magma-Quartz) to restore the original level of the flooring. Finally, Belzona 4311 (Magma CR1) was applied to provide chemical resistance.



Meat Processing Plant, USA

PROBLEM:

Chemicals were spilling onto the factory floor and attacking the grout between the tiles. This was creating an uneven, hazardous flooring. The plant did not want to experience the downtime that a traditional cementitious repair plus chemical resistant coating would have incurred.

SOLUTION:

After preparing the surface, the application began with Belzona 4154 (Bulkfill Resin) which was used to repair the larger voids of damaged concrete. This was then overcoated by Belzona 4111 (Magma-Quartz) to restore the original level of the flooring. Finally, Belzona 4311 (Magma CR1) was applied to provide chemical resistance.