



SIKA AT WORK

ARLA FOODS

Location: Leeds
Project: Slip resistant flooring solution for dairy production area
Client: Arla Foods UK
Market Sector: Industrial Flooring

Products Used:

- Sika® Ucrete® UD 200
- Sika® Ucrete® UD 200 SR
- Sika® Ucrete® DP10 AS

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Background

Arla is one of Europe's largest dairy companies, sourcing 8.3 billion litres of milk a year. Within the UK market, it processes 2 billion litres of milk each year, solidifying its position as a primary supplier to the nation's key retailers. Arla established a dedicated development team tasked with relocating its Leeds dairy facility from its city centre location to the Greenfield site on the outskirts of Leeds. This was accomplished through a planned three-phase process.

The Challenge

The construction was phased over several years, but when it came to installing the floors, a fast-track approach became imperative to align with the demanding commissioning schedule. The floors had to withstand the cumulative corrosive effect of lactic acid from milk in addition to cleaning products used in a thorough cleaning regime. Given that most areas would remain constantly wet, ensuring a slip-resistant finish throughout was paramount. Moreover, in zones like powder mixing and chemical storage, where employees handled potentially explosive materials, an antistatic finish was essential for safeguarding their well-being.

Our Solution

Sika® Ucrete® UD 200 was applied to early age concrete (7 days old), eliminating the necessity for specialised primers. It became foot trafficable within 16 hours, enabling swift access for subsequent trades. The utilisation of Sika® Ucrete® UD 200 proved instrumental in helping all parties to adhere to the demanding building schedule.

Benefits

- Sika® Ucrete® UD 200 flooring's combination of durability, speed of cure and ease of cleaning with temperature resistance up to 150°C are a unique offering meeting the demands of this project.
- Sika® Ucrete® flooring solutions met the short timescale for application and the client's requirement for a slip resistant floor finish with the same cleanability as stainless steel.
- Tried and tested flooring systems with a proven record of accomplishment within the dairy industry.
- Sika® Ucrete® is a trusted and proven flooring solution as in the past ten years over 50,000 m² of Sika® Ucrete® has been installed on Arla sites in the UK. To date more than 150,000m² of various grades of Sika® Ucrete® has been installed in all of Arla facilities throughout Europe.

Projects facts at a glance

- Sika® Ucrete® was specified due to high performance against lactic acid in addition to offering a slip resistant finish.
- Sika® Ucrete® was applied to early age concrete without the need for special primers.
- Foot trafficable after 16 hours allowing early access for subsequent trades.
- At around half the cost of a hexagonal-tiled flooring finish, Sika® Ucrete® has proved to be a durable and cost-effective solution.

Any product name or reference reflects the Sika product name at the time of creation of this document and may differ from the product name or reference during past events.

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