



SIKA AT WORK

ORCHARD HOUSE FOODS, CORBY, UK

FLOORING: Sika® Ucrete® FL, Sika®, Sika® Ucrete® UD 200, Sika® Ucrete® Accelerator

BUILDING TRUST



FAST-TRACK SOLUTION FOR A TANK ROOM



PROJECT DESCRIPTION

Project name: Orchard House Foods

Location: Corby, United Kingdom

Orchard House Foods Ltd is one of the UK's largest suppliers of prepared fruit, fresh fruit drinks and desserts. Founded in 1984, Orchard House was the first company to commercialize orange juice in the UK and introduced freshly squeezed to the high street. Headquartered in Corby, Orchard House continues to supply prepared fruit, fresh fruit drinks and desserts to most major UK supermarket chains.

PROJECT REQUIREMENTS

Orchard House Foods Ltd based in Corby needed a flooring solution for two tank room areas that provide storage for fruit juices.

Their current flooring solution was failing due to the acidic environment it was exposed to. The tank rooms are in constant use and therefore a non-tainting, fast-track solution was required.

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.

Our most current General Sales Conditions shall apply. Please consult the most current local Product Data Sheet prior to any use.



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SIKA SOLUTIONS

The tank room flooring areas were heavily damaged and contaminated. The initial step was to breakout and remove the existing loose and contaminated floor back to a sound substrate. Due to acid erosion, some of the exposed concrete was also damaged – this too had to be broken out.

Sika® Ucrete® FL was used to in-fill areas that had been broken out, providing a fast and efficient means of repairing damaged floor slabs. It is non-solvented and non-tainting from the end of mixing.

Sika® Ucrete® Primer FS was used to prime the substrate. It is a rapid curing primer used to completely seal the substrate prior to overlaying with Ucrete industrial flooring – Sika® Ucrete® UD 200 in this instance. It allows for application of Ucrete flooring systems after approximately 6 hours at 7oC and 3 hours at 20oC. This allowed for adherence to the fast-track programme and minimised downtime in production.

To speed up the installation even further, the use of Sika® Ucrete® Accelerator in our Sika® Ucrete® UD 200 flooring system was proposed. This innovative system achieves return to traffic times of less than 5 hours, allowing for the two tank rooms totalling 500m2, to be completely refurbished in two weekends, minimising downtime, and resulting in a long-lasting, high performance flooring solution.

PROJECT PARTICIPANTS

Project Owner: Tulip International
Designer/Architect/Specifier: Master Builders Solutions

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