



SIKA AT WORK

BUFFER TANK AT VION FOOD GROUP, NETHERLANDS

CONCRETE PROTECTION: Sikagard®-7000 CR

CONCRETE REPAIR: SikaEmaco® S 480

BUILDING TRUST



REPAIR AND PROTECTION OF BUFFER TANK



PROJECT DESCRIPTION

Project name: Repair and protection of a buffer tank at Vion meat processing factory
Location: Boxtel, Netherlands

Vion is an international meat producer with pig slaughtering operations, based in Boxtel. The animal waste in the buffer tank was highly aggressive and had therefore impacted the concrete (so that the covering was only 2 cm in thickness). This meant that the acid in the waste could attack the reinforcement.

PROJECT REQUIREMENTS

The concrete in the tank was seriously damaged and therefore urgently in need of repair. The tank had also to be protected from aggressive acid in the animal waste. As the buffer tank is an important part of the slaughtering process, the repairs had to be conducted at very short notice. The tank had to be made fully usable within one and a half weeks.

SIKA SOLUTIONS

The concrete was repaired with SikaEmaco® S 480 structural concrete repair mortar, class R4. This was subsequently applied using the wet spray method until a layer of 4–5 cm as protective cover on the rebar was restored. Sikagard®-7000 CR was applied as a crack-bridging protective coat on the complete concrete surface of the tank thanks to its unique chemical resistance properties.

CUSTOMERS BENEFIT

We were able to meet the tight deadline, thanks to the excellent curing time of Sikagard®-7000 CR. Sikagard®-7000 CR can be applied quickly and easily – a major benefit in view of the tight schedule. It also has a high level of chemical resistance and therefore offers ideal protection against aggressive acid in animal waste. SikaEmaco® S 480 is a repair mortar that restores concrete to its original structural condition.

PROJECT FACTS AT A GLANCE

- Total area: 350 m².
- Repair of concrete and reinforcement with SikaEmaco® S480.
- Protection from acid in animal waste through the Sikagard®-7000 CR protective coat.

PROJECT PARTICIPANTS

Project Owner: Vion.
Applicator/Contractor: Servis

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.



SIKA SERVICES AG
Tueffenwies 16
CH-8048 Zurich
Switzerland

Contact
Phone +41 58 436 40 40
www.sika.com

BUILDING TRUST

