



We protect floors, buildings, infrastructures

Silikal Reactive Resin Flooring for the processing of salmon
"Bakkafrost" on the Faroe Islands



Expect more from your floor.



16,000 sqm of Silikal flooring for the processing of salmon

Around 250 tonnes of premium salmon are processed every day on the Faroe Islands at Bakkafrost, one of the world's most successful producers. For Bakkafrost ecological aspects are equally important as hygiene and safety. For this reason, about 16,000 sqm of Silikal reactive resin flooring were installed at three company sites.

Controlling, sorting, cutting, packaging, dispatching... with a fish processing facility at its new headquarters in Glyvvar, the Scandinavian company "Bakkafrost" consolidated several production sites in one. The basis for this are the Silikal MMA systems. Continuously free of joints and impermeable, highly resilient and easy to maintain, the floors meet the high demands of the work routine in a sensitive industry.

During the construction phase, the applicator, Silikal Nordvest AS, left a lasting impression due to

its flexibility in performing the flooring installation activities: The flooring installation was adapted to the relevant construction progress in the different areas and at the various sites.

The rapid hand-over of the completed areas met with the owners' approval, too: As soon as half an hour after the installation, the synthetic resin floor had cured completely and could be used to put up machineries and storing systems among other things.



Highly resilient,
easy to maintain

Seamless, coloured and tear resistant

EASY AND QUICK TO APPLY!



Certified hygiene

Being free from joints and impermeable, Silikal floors provide essential benefits in regards to hygiene.

They can be cleaned very easily and thoroughly – even with high-pressure equipment. At the same time, covings and skirtings protect the sensitive wall-floor connections and hence prevent the accumulation or settling of contamination in the corners. Around 1,000 metres of drainage channels were also integrated in the flooring system; along with the installed gullies, they will ensure the rapid and complete run-off of water.

At the new Bakkafrost production site, sprinkled coloured quartz granules of different sizes in the flooring make sure that the degree of slip resistance matches the relevant working area: On floors with increased water and grease load, e.g. in the fish processing area, in freezers or kitchens, coloured sands with a larger grain size were used, while smaller sizes were sufficient for the packaging area as well as for social and storage rooms.

The high mechanical load capacity of Silikal's industrial floors also ensures safety: Neither heavy transport vehicles nor vibrating machinery and equipment, nor even high point loads caused by rack systems are an issue for the flooring systems. Another benefit is the good UV resistance. Safety is also ensured by the fact that Silikal - as one of only a few manufacturers worldwide – have their reactive resin systems regularly tested by HACCP International (Hazard Analysis and Critical Control Points) in compliance with international regulations. This is why users can trust that they receive a product suitable for the food industry.



Expect more from your floor.



For salmon processing on the Faroe Islands, a trowel-applied floor coating with sprinkled coloured sands at a ratio of 95 percent light grey to 5 percent blue was installed. The designers hence decided upon an appealing bright and refreshingly refined look, which is a perfect match for the overall appearance of the modern plant. Coloured Flakes were also integrated in the surface design of the synthetic flooring systems – for instance in the sales rooms, laundry rooms and changing rooms.

**Absolutely satisfied
with the
quality standard**



Refreshing look
RELIABLY SAFE

In addition to Glyvvar, Silikal Nordvest also installed 1,100 sqm of blue-grey flooring in Vidareidi, a company site producing young salmon ("smolt"), where capacities are to be quadrupled in the future. The third Bakkafrost project involved the base station of the fish farms in Norddepil: The flooring there was completely refurbished. Now a new MMA (methyl methacrylate resin) coating provides a pleasant and resilient foundation for the employees' social and working areas.

The new floors received credit upon the successful completion of the installation. The extremely rapid accessibility of the coated areas and the flexible expert commitment by Silikal Nordvest AS impressed the Client. Initially, the installation of around 10,500 sqm of MMA flooring system for highly stressed areas had been planned for the project in Glyvvar. However, Bakkafrost decided ordering another 3,500 sqm of Silikal systems for supply and storage areas while the installation was still in progress.

In any case, the company owners' and the project management's conclusion was entirely positive: "We are absolutely satisfied with the quality standard of the floors".





Your call – Silikal!

The best at a glance:

Hygienic and clean

- ▶ Monolithic, seamless surface
- ▶ Resistant to alkalis, acids, greases, oils, salts and other aggressive media (for details, see the Technical Data Sheet)
- ▶ Easy to take care of

Safe

- ▶ Anti-skid surface grades
- ▶ Wear and tear resistant
- ▶ Can withstand hot and cold

Quick and beautiful

- ▶ Extremely short curing times; no interruptions in business when renovations are made!
- ▶ Easy to apply, even at temperatures below zero
- ▶ Selection of appealing colours, e. g. with coloured quartz sand or flakes mixtures as standard



Certified Quality and Ecology
Management Systems
Reg. No. 73 100 / 104 663



Our products are certified
by HACCP international



Our products comply with the
Halal european guidelines



Certified according to
AgBB evaluation scheme



Ask about our
Colour Concepts!

Your expert applicator:

The statements contained in our brochures solely describe the project executed by our customer (applicator), which was carried out according to the specifications, requirements, and wishes of their customer (building owner), and over which Silikal had no influence. We expressly point out that these explanations are not to be understood as warranted characteristics in the legal sense and do not constitute the basis for any guarantee agreement, unless an additional written confirmation is provided by us. In the event of any dispute regarding the interpretation or assessment of technical information, the technical documentation and information issued by Silikal shall be decisive and binding.

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We are there for you around the clock.
Our Silikal hotline Tamara Niedermair

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is manned day and night.



We see to the best solution.

The best solutions require know-how and experience. We can provide it. "On site", practice-oriented, friendly and – of course – reliable.

Contact us. We will be pleased to support you – free of charge and without any obligation for you.



Silikal production and administration in Mainhausen, near Frankfurt/Main, Germany.



We protect floors, buildings, infrastructures

Silikal GmbH

Reactive resins and polymer concrete for industrial floors, surface and detail waterproofing, road markings and civil engineering projects

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