



Protecting floors and buildings.



Silikal Reactive Resin Flooring

for heavy duty floors and surfaces
in trade, industry and commerce



Expect more from your floor.



Used on millions of square meters of floors

Floors from Silikal have made their mark for decades in trade, industry and commerce

Heavy loads, wear-and-tear and corrosion – “normal” floors get nasty when they are exposed daily to such extreme stresses. They become gritty, form cracks and holes. Constant deterioration and high costs incurred by bothersome repairs, production interruptions or even standstills are the usual result.

With Silikal Reactive Resins such flooring problems are easy to solve. Silikal GmbH in Mainhausen near Frankfurt has been manufacturing reactive resins for heavy-duty industrial floors for over 60 years now: many millions of square meters successfully in use around the world in virtually every branch of industry and commerce. Silikal flooring systems meet the requirements to both resistant and

attractive floors and can be customised to all individual needs concerning appearance and composition of the floor.

From supermarkets to automobile assembly lines, heavy industry to precision mechanics and pharmaceutical labs, small workshops to huge food processing plants such as slaughterhouses, dairies, winemakers and beverage producers. But that is not all. Our floors have even proved their value at boutiques, shops and stores, on loading ramps, at TV and radio studios, in sports arenas and stadiums, in fact just about anywhere you can think of.



Silikal Floors:

Just the thing when things get rough



Silikal Floors ...

and aggressive media don't stand a chance



Floors from Silikal are resistant to acids, alkalis, greases and many other aggressive media

Heavy-duty floors in trade, industry and commerce have to live up to a huge number demands over the long term. They not only have to withstand the mechanical loads and temperature fluctuations they are exposed to every day, they must also face up to regular chemical attacks.

Silikal floors are UV resistant, pressure and impact-resistant and suitable for a broad area of temperatures. The physical and chemical properties of Silikal's dense reactive resin coatings prevent liquids and contaminants from penetrating into the substrate and thus causing the growth of fungi and bacteria – essential in areas where hygiene is of the utmost importance, e.g. in sanitary spaces, large kitchens and other catering establishments as well as in the food processing and beverage bottling industries. A Silikal seamless floor is also easy-to-clean and care for. A test certificate attesting its suitability for such uses is available on request.



Expect more from your floor.



We deal with
your problems
and solve
them for you!

After all, we come from the building industry and have a lot of practical experience in what we do. This not only improves the quality of the service we offer, it also benefits you! We would be pleased to help you analyse your flooring problem and solve it for you – actively right on site. Your advantage: practical and reliable help from experts. Convinced? Then give us a call. We'd be happy to give you more details!



Your consultant
right on site

Silikal Floors: Down and ready as fast as greased lightning

Floor repairs without stopping production – Silikal makes it happen

Silikal reactive resins are easy to apply to concrete, cement screed and partly to bituminous substrates. Curing (polymerisation) is initiated by the addition of a hardening powder.

Floors made with Silikal reactive resins attain their full mechanical and chemical resistance properties after only one hour – an enormous advantage both in new construction and when repairing old floors. As they are so easy to mix and prepare, form a permanent bond to the old concrete, display excellent resistance to frost and cure quickly even at temperatures below 0 °C, Silikal reactive resins have been successfully used in both structural and civil engineering projects in practically every industry. They can not only

be applied to industrial floors and exposed concrete surfaces of any kind, but also to prefabricated concrete components, on roadways and motorways, in tunnels and on bridges, at airports, including runways and aprons, on curbs and railway tracks, on machinery foundations and in many other places you would not expect to use a flooring system.



Surface preparation



Priming



Application of main coat



Sealant





Silikal. One name for all 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!



We see to the best solution.

The best solutions require know-how and experience. We can provide it. When we go out on site to analyse a problem, we know what we're doing. Practical help, friendly and, of course, reliable.

Contact us. We would be pleased to go into detail with you – at no cost or obligation to you, of course.



Silikal production and administration
in Mainhausen, near Frankfurt/Main,
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Protecting floors and buildings.

Silikal GmbH

Reactive resins and polymer concrete for
industrial floors and civil engineering projects

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

Tel. +49 (0) 61 82 / 92 35-0

is manned day and night.

Expect more from your floor.