

SILIKAL® Car Park



Expect more from your floor.

SILIKAL® Car Park is a fast curing, decorative, hard wearing, methyl methacrylate coating for various usages in car park environments like top decks, middle decks and ramps.

SILIKAL® Car Park is ideal for renovations and new projects because it reduces downtime to a minimum.



Uses

- ▶ Car park

Advantages

- ▶ Extremely short curing time. One hour after application of the last layer full mechanical and chemical resistant
- ▶ Excellent chemical resistance
- ▶ High mechanical resistance
- ▶ Variable slip resistance
- ▶ Seamless and hygienic finish
- ▶ Easy to clean and maintain
- ▶ Outstanding resistance to ageing and weathering
- ▶ Application is possible on various substrates
- ▶ Good UV resistance
- ▶ Various colours

Application

Only approved applicators, licensed by Silikal should be used for application. Please contact Silikal to obtain details of your local qualified applicator.

Cleaning and Maintenance

Please refer to our Silikal Cleaning Manual.

Warranty

Silikal warrants that materials shipped to buyers are at the time of shipment substantially free from material defects and will perform according to Silikal published literature if used strictly in accordance with Silikal's prescribed procedures.

Service

For further information or support please contact Silikal directly.

System for top decks

System configuration

Silikal Pigmented Top Coat

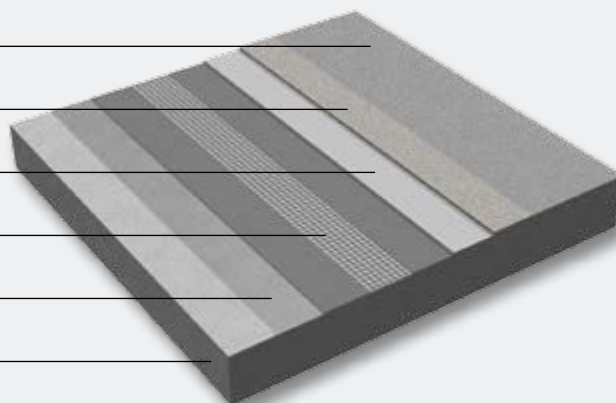
Silikal Quartz Broadcast

Silikal Main Coat

Silikal Membrane with SILIKAL® TEX

Silikal Primer

Base



Substrate requirements

Cementitious substrates must be free of laitance, dust, oil, fat, grease and other contamination. The substrate should have a compressive strength of minimum 25 N/mm², a pull-off strength of at least 1.5 N/mm². The substrate must be dry and the moisture content below 4 CM-%. An adequate damp proof membrane must be installed underneath of the concrete slab.

Products

- ▶ Silikal Standard Primer like SILIKAL® Resin RU 380 (Primer depends on the substrate. Please refer to the Silikal Primer Table or contact our technical department.)
- ▶ Silikal Membrane like SILIKAL® Resin RU 320 pigmented or comparable with SILIKAL® TEX
- ▶ Silikal Main Coat consists of SILIKAL® Resin RV 368 or comparable, SILIKAL® Filler SL with pigment powder like SILIKAL® Pigment
- ▶ Silikal Quartz like SILIKAL® Filler QS
- ▶ Silikal Pigmented Top Coat like SILIKAL® Resin RF 6200 or comparable

For complete technical details, material consumption, hardener quantities, guideline recipes please refer to the latest Silikal Technical Documentation and Product Data Sheet of the relevant products or consult our technical department.

Technical Data

Curing time:	1 hour
Slip resistance:	R11 to R13 (DIN 51130) depending on the clients requirements
Compressive strength:	25 N/mm ² (DIN 1164)
Tensile strength:	15 N/mm ² (DIN 1164)
Abrasion resistance:	Class AR 1 – Heavy duty
Temperature resistance:	-25 °C to +45 °C (+60 °C for short periods, e.g. for cleaning purposes)
Chemical resistance:	Refer to Silikal Chemical Resistance Table
Water Vapour Permeability:	Class II (EN ISO 7783-2)
Fire behaviour:	E _{fl} (EN ISO 13501)
Thickness:	3 – 6 mm
Colour Range:	Please refer to Silikal Colour Concept

System for middle decks

System configuration

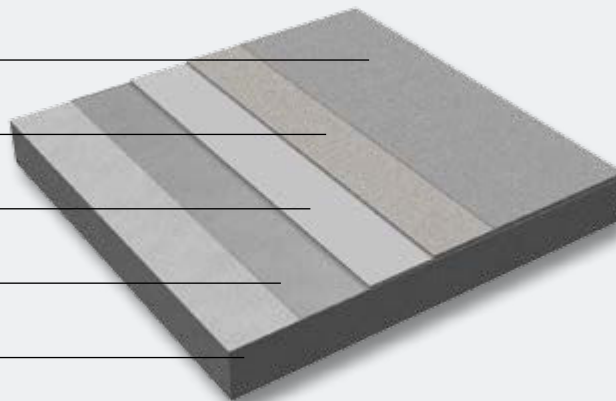
Silikal Pigmented Top Coat

Silikal Quartz Broadcast

Silikal Main Coat

Silikal Primer

Base



Substrate requirements

Cementitious substrates must be free of laitance, dust, oil, fat, grease and other contamination. The substrate should have a compressive strength of minimum 25 N/mm², a pull-off strength of at least 1.5 N/mm². The substrate must be dry and the moisture content below 4 CM-%. An adequate damp proof membrane must be installed underneath of the concrete slab.

Products

- ▶ Silikal Standard Primer like SILIKAL® Resin RU 380 (Primer depends on the substrate. Please refer to the Silikal Primer Table or contact our technical department.)
- ▶ Silikal Main Coat consists of SILIKAL® Resin RV 368 or comparable, SILIKAL® Filler SL with pigment powder like SILIKAL® Pigment
- ▶ Silikal Quartz like SILIKAL® Filler QS
- ▶ Silikal Pigmented Top Coat like SILIKAL® Resin RF 6200 or comparable

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Temperature resistance:	-25 °C to +45 °C (+60 °C for short periods, e.g. for cleaning purposes)
Chemical resistance:	Refer to Silikal Chemical Resistance Table
Water Vapour Permeability:	Class II (EN ISO 7783-2)
Fire behaviour:	E _n (EN ISO 13501)
Thickness:	3 – 6 mm
Colour Range:	Please refer to Silikal Colour Concept

SILIKAL® Car Park

Car park solutions based on fast curing MMA

System for ramps

System configuration

Silikal Pigmented Top Coat

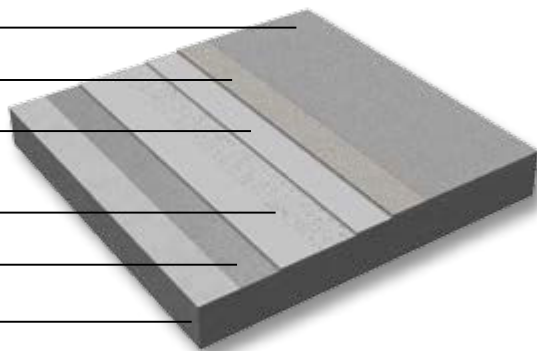
Silikal Quartz Broadcast

Silikal Main Coat

Silikal Main Coat with loose
Silikal Quartz Broadcast

Silikal Primer

Base



Substrate requirements

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Products

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- ▶ Silikal Main Coat consists of SILIKAL® Resin RV 368 or comparable, SILIKAL® Filler SL with pigment powder like SILIKAL® Pigment and with loose Silikal Quartz broadcast
- ▶ Silikal Main Coat consists of SILIKAL® Resin RV 368 or comparable, SILIKAL® Filler SL with pigment powder like SILIKAL® Pigment
- ▶ Silikal Quartz like SILIKAL® Filler QS
- ▶ Silikal Pigmented Top Coat like SILIKAL® Resin RF 6200 or comparable

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The team at Silikal has a wealth of experience, which means that we can always provide the best practical approach to your challenges. If you have any questions or would like to find out more, we would be pleased to hear from you and will do our very best to help.

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, Germany.



Expect more from your floor.

Silikal GmbH

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