

SILIKAL® R 69 C

Reactive, slightly elasticised resin for system SILIKAL® Concrete Look

Properties

- Medium viscosity
- Can be spread well with the smoothing trowel
- Promotes floating of the filler to achieve the desired concrete effect

Area of application

- Binding agent for the design layer in SILIKAL® Concrete Look

Hardener dosages

Temperature	SILIKAL® BPO % by weight *	Pot life approx. min.	Hardening time approx. min.
+10 °C	4.0	15	60
+15 °C	3.0	12	45
+20 °C	2.0	12	45
+30 °C	1.5	10	40

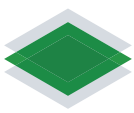
* The amount of SILIKAL® BPO is always calculated with reference to the amount of resin.

Advice on application

- The design layer is applied with the smoothing trowel in irregular sweeps and slightly different coating thicknesses to achieve the desired look.
- The appearance of the finished Concrete Look floor is always dependent on the specific application of the design layer as performed by the individual installer.
- First SILIKAL® Filler CL needs to be stirred into the resin until a homogeneous state is achieved (no lumps) and only then SILIKAL® BPO should be added and mixed until it has dissolved completely (approx. 1 minute), and the mixture should be used immediately.

Guideline recipe

No.	Component	Guideline recipe (% by weight)	Comment	Batch for 30 litre bucket
1	SILIKAL® R 69 C	50 %		15 kg
2	SILIKAL® Filler CL	50 %	1 sack	15 kg
	Total:	100 %	Average consumption: 2.5 kg/m²	30 kg
3	SILIKAL® BPO	1.5 – 4 % with ref. to no. 1		See "Hardener dosages" table for quantities



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Characteristics as delivered

Property	Approx. value
Viscosity, +20 °C	400 mPa · s
Density, +20 °C	0.98 g/cm ³
Application temperature	+10 °C to +30 °C

CE marking

CE		CE	
09		09	
SILIKAL GmbH Ostring 23 · 63533 Mainhausen www.silikal.com		SILIKAL GmbH Ostring 23 · 63533 Mainhausen www.silikal.com	
R69-C-001		System-CL-001	
EN 13813:2002		EN 1504-2:2004 1119	
Synthetic resin screed for application in buildings		ZA.1d(1.3), ZA.1f(5.1) and ZA.1g(6.1)	
Reaction to fire	E ₊	Synthetic resin screed for application in buildings	
Release of corrosive substances	SR	Detailed declaration of performance: www.silikal.com	
Wear resistance	≤ AR1		
Bond strength	≥ 1.5		
Impact resistance	≥ IR 4		



Other applicable documents

SILIKAL® BPO	Data sheet BPO
SILIKAL® Filler CL	Data sheet FCL
General notes	Technical documentation MMA
Safety data sheets	All used Silikal products

The information in this data sheet replaces all previous information about the product and its application. The application instructions as well as the technical data of the product are only guidelines. The buyer is responsible for the application and claims of third parties.

Silikal Product Information

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