

SILIKAL® RV 368

Reactive, impact-resistant resin, flexible at low temperatures,
for self-levelling coatings

Properties

- Medium viscosity
- Good self-levelling properties
- Good crack-bridging
- Good flexibility at low temperatures
- Permanently elastic

Area of application

- Main coat resin for flexible, self-levelling coatings outdoors and for cold-storage rooms
- Depending on mechanical, thermal or chemical load, the coating thickness can be varied from 2 to 7 mm
- As flexible scratch slurry to level out surface unevenness after priming

Hardener dosages

Temperature	SILIKAL® BPO % by weight *	Pot life approx. min.	Hardening time approx. min.
+5 °C	6.0	20	60
+10 °C	4.0	15	40
+20 °C	2.0	15	40
+30 °C	1.0	10	25

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

Advice on application

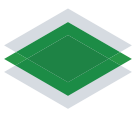
- First the fillers and pigments need to be stirred into the resin until a homogeneous state is achieved (no lumps) and only then SILIKAL® BPO should be added and mixed until it has dissolved completely (approx. 1 minute). The mixture should be used immediately.
- For broadcasted toppings, e.g. with SILIKAL® Filler FM, always broadcast surplus covering, until there are no glossy parts remaining. Once the main coat has cured, sweep or vacuum away any loose grains of sand.

Guideline recipe, scratch slurry

No.	Component	Guideline recipe (% by weight)	Comment	Batch for 30 litre bucket
1	SILIKAL® RV 368	35 %		13.5 kg
2	SILIKAL® Filler SL	65 %	1 sack	25 kg
	Total:	100 %	Average consumption: 1.6 kg/m² per mm thickness	38.5 kg
3	SILIKAL® BPO	1 – 6 % with ref. to no. 1		See "Hardener dosages" table for quantities

Guideline recipe, self-levelling coating 2 – 4 mm

No.	Component	Guideline recipe (% by weight)	Comment	Batch for 30 litre bucket
1	SILIKAL® RV 368	35 %		13.5 kg
2	SILIKAL® Filler SV	65 %	1 sack	25 kg
	Total:	100 %	Average consumption: 1.6 kg/m² per mm thickness	38.5 kg
3	SILIKAL® BPO	1 – 6 % with ref. to no. 1		See "Hardener dosages" table for quantities



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Guideline recipe, self-levelling coating 4 – 7 mm

No.	Component	Guideline recipe (% by weight)	Comment	Batch for 30 litre bucket
1	SILIKAL® RV 368	30 %		16 kg
2	SILIKAL® Filler QM	20 %		10 kg
3	SILIKAL® Filler SL	50 %	1 sack	25 kg
	Total:	100 %	Average consumption: 1.7 kg/m² per mm thickness	51 kg
4	SILIKAL® BPO	1 – 6 % with ref. to no. 1		See “Hardener dosages” table for quantities

Characteristics as delivered

Property	Approx. value
Viscosity, +20 °C	1,000 mPa · s
Density, +20 °C	0.98 g/cm ³
Application temperature	+5 °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	
RV368-001		System-D-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 _n	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 SL	Data sheet FSL
SILIKAL® Filler SV	Data sheet FSV
SILIKAL® Filler QM	Data sheet FQM
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

Data sheet SILIKAL® RV 368
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