

SILIKAL® RU 368

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

Properties

- Reactive
- Medium viscosity
- Good self-levelling properties
- Good crack bridging
- Good flexibility at low temperatures
- Elasticised/permanently elastic

Area of application

- Main coat resin for flexible, self-levelling coatings outdoors and for cold-storage rooms
- The layer thickness can vary from 2 – 7 mm depending on the mechanical, thermal or chemical load
- As a flexible scratch coat to level out surface roughness after applying the primer

Hardener dosages

Temperature	SILIKAL® BPO % pbw. *	Pot life approx. min.	Hardening time approx. min.
0 °C	6.0	30	65
+10 °C	4.0	20	50
+20 °C	2.0	17	40
+30 °C	1.5	12	25

* The quantity of SILIKAL® BPO is always related to the quantity 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. 2 minutes). 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 coat

Item	Component	Guide formulation (% by weight)	Note	Batch for 30 litre bucket
1	SILIKAL® RU 368	30%		11 kg
2	SILIKAL® Filler SL	70%	1 bag	25 kg
	Total:	100%	Average consumption: 1.6 kg/m² per mm thickness	36 kg
3	SILIKAL® BPO	1.5 – 6% related to item 1		See "Hardener dosages" table for quantities

Guideline recipe, self-levelling main layer 2 – 7 mm

Item	Component	Guide formulation (% by weight)	Note	Batch for 30 litre bucket
1	SILIKAL® RU 368	30%		11 kg
2	SILIKAL® Filler SL	70%	1 bag	25 kg
	Total:	100%	Average consumption: 1.6 kg/m² per mm thickness	36 kg
3	SILIKAL® BPO	1.5 – 6% related to item 1		See "Hardener dosages" table for quantities

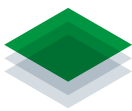
Silikal product information

SILIKAL® RU 368 data sheet
Sheet 1 of 2
April 2023



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Characteristics as delivered

Property	Approx. value
Viscosity, +20 °C	550 mPa · s
Density, +20 °C	0.98 g/cm ³
Processing temperature	0 °C to +30 °C

CE marking

CE	
09	
SILIKAL GmbH Ostring 23 · 63533 Mainhausen www.silikal.com	
SILIKAL® RU 368 EN 13813:2002	
Synthetic resin screed for application in buildings	
Reaction to fire	E ₁
Release of corrosive substances	SR
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
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.

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