

# SILIKAL® RU 380

Reactive primer for absorbent and non-absorbent substrates

## Properties

- Medium viscosity
- Medium penetration capacity and good adhesion

## Area of application

- Universal primer resin for both cementitious substrates and non-absorbent substrates

## Hardener dosages

Temperature	SILIKAL® BPO % by weight *	Pot life approx. min.	Hardening time approx. min.
-10 °C	4.5	35	80
0 °C	3.0	32	60
+10 °C	2.0	18	55
+20 °C	1.5	12	45
+30 °C	1.0	10	40

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

## Hardener dosages in connection with 0.3 weight % SILIKAL® Additive M\*

Temperature	SILIKAL® BPO % by weight *	Pot life approx. min.	Hardening time approx. min.
-10 °C	5.5	35	80
0 °C	4.0	32	60
+10 °C	3.0	18	55
+20 °C	2.5	12	45
+30 °C	2.0	10	40

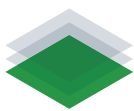
\* The amount of SILIKAL® BPO and SILIKAL® Additive M is always calculated with reference to the amount of resin.

## Advice on application

- SILIKAL® BPO must be stirred in until it is fully dissolved (approx. 1 minute) and the mixture must be used immediately.
- The mixture must be applied such that it forms a film. If the mixture penetrates in the substrate, it must be reworked wet in wet.
- Puddling must be avoided during application.
- SILIKAL® Additive M further supports adhesion. 0.3% by weight SILIKAL® Additive M, calculated with reference to the amount of resin, can be added. This also requires the addition of SILIKAL® BPO to be increased by 1% by weight.
- Curing and adhesion tests must generally be performed.
- Always use primers as clear resin – they should never be filled or pigmented.

## Guideline recipe, primer

No.	Component	Guideline recipe (% by weight)	Comment	Batch for 10 litre bucket
1	SILIKAL® RU 380	100 %		10 kg
	<b>Total:</b>	<b>100 %</b>	<b>Average consumption: 400 g/m<sup>2</sup></b>	<b>10 kg</b>
2	SILIKAL® BPO	1 – 4.5 % with ref. to no. 1		See “Hardener dosages” table for quantities



### Guideline recipe, thin coat

No.	Component	Guideline recipe (% by weight)	Comment	Batch for 10 litre bucket
1	SILIKAL® RU 380	65 %		6.5 kg
2	SILIKAL® Filler QM	30 %		3.0 kg
3	SILIKAL® Pigment	5 %		0.5 kg
	<b>Total:</b>	<b>100 %</b>	<b>Average consumption: approx. 600 g/m²</b>	<b>10 kg</b>
4	SILIKAL® BPO	1 – 4.5 % with ref. to no. 1		See “Hardener dosages” table for quantities

### Characteristics as delivered

Property	Approx. value
Viscosity, +20 °C	200 mPa · s
Density, +20 °C	0.99 g/cm³
Application temperature	-10 °C to +30 °C

### CE marking

<b>CE</b>	<b>CE</b>
09	09
SILIKAL GmbH Ostring 23 · 63533 Mainhausen www.silikal.com	SILIKAL GmbH Ostring 23 · 63533 Mainhausen www.silikal.com
RU380-001	System-Küche-Alternativ-001
<b>EN 13813:2002</b>	<b>EN 1504-2:2004</b> 1119
Synthetic resin screed for application in buildings	ZA.1d(1.3), ZA.1f(5.1) and ZA.1g(6.1)
Reaction to fire	Synthetic resin screed for application in buildings
Release of corrosive substances	
Wear resistance	
Bond strength	
Impact resistance	
E <sub>1</sub>	
SR	
≤ AR1	
≥ 1.5	
≥ IR 4	
	Detailed declaration of performance: www.silikal.com



#### Other applicable documents

SILIKAL® BPO	Data sheet BPO
SILIKAL® Filler QM	Data sheet FQM
SILIKAL® Pigment	Data sheet PIG
SILIKAL® Additive M	Data sheet Additive M
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.