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
	Total:	**100 %**	**Average consumption: 400 g/m²**	**10 kg**
2	SILIKAL® BPO	1 – 4.5 % with ref. to no. 1		See “Hardener dosages” table for quantities

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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
	Total:	**100 %**	**Average consumption: approx. 600 g/m²**	**10 kg**
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

CE
09
SILIKAL GmbH
Ostring 23 · 63533 Mainhausen
www.silikal.com
RU380-001
EN 13813:2002
Synthetic resin screed for application in buildings

Reaction to fire	E_{fl}
Release of corrosive substances	SR
Wear resistance	≤ AR1
Bond strength	≥ 1.5
Impact resistance	≥ IR 4

CE
09
SILIKAL GmbH
Ostring 23 · 63533 Mainhausen
www.silikal.com
System-Küche-Alternativ-001
EN 1504-2:2004 1119
ZA.1d(1.3), ZA.1f(5.1) and ZA.1g(6.1)
Synthetic resin screed for application in buildings
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

Silikal
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