SILIKAL® R 63

Reactive, slightly elasticised resin for self-levelling coatings
VOC-reduced

Properties

- Very good self-levelling properties
- Easy to process
- Medium viscosity
- Good wetting characteristics
- VOC-reduced (according to AgBB scheme)

Area of application

- Main coat resin for self-levelling coatings in dry areas without slope for systems with low VOC emission
- Depending on mechanical, thermal or chemical load, the coating thickness can be varied from 2 to 4 mm

Hardener dosages

Temperature	SILIKAL® BPO % by weight *	Pot life approx. min.	Hardening time approx. min.
+10 °C	2.0	17	60
+20 °C	2.0	12	50
+25 °C	1.5	10	40
+30 °C	1.0	10	40

* 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® should BPO be added and mixed until it has dissolved completely (approx. 1 minute). The mixture should be used immediately.
- For coatings with broadcast, e.g. with SILIKAL® Flakes, always broadcast until saturation, until there are no glossy areas remaining. Once the main coat has cured, sweep or vacuum away any loose grains of flakes.

Guideline recipe, self-levelling coating 2 – 4 mm for indoor spaces

No.	Component	Guideline recipe (% by weight)	Comment	Batch for 30 litre bucket
1	SILIKAL® R 63	33 %		13 kg
2	SILIKAL® Filler SV	65 %	1 sack	25 kg
3	SILIKAL® Pigment	2 %		1 kg
	Total:	**100 %**	**Average consumption: 1.7 kg/m² per mm thickness**	**39 kg**
4	SILIKAL® BPO	1 – 2 % with ref. to no. 1		See “Hardener dosages” table for quantities

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Expect more from your floor.

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Characteristics as delivered

Property	Approx. value
Viscosity, +20 °C	250 mPa · s
Density, +20 °C	0.98 g/cm³
Application temperature	+10 °C to +30 °C

CE marking

CE
09
SILIKAL GmbH
Ostring 23 · 63533 Mainhausen
www.silikal.com
R63-001
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
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www.silikal.com
System-CL-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 SV	Data sheet FSV
SILIKAL® Pigment	Data sheet PIG
General notes	Technical documentation MMA
Safety data sheets	All used Silikal products

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