

SILIKAL® R 62

Reactive, slightly elasticised resin with very good self-levelling properties

Properties

- Very good self-levelling properties
- Easy to process
- Medium viscosity
- Good wetting characteristics

Area of application

- Main coat resin for self-levelling coatings in dry areas without slope
- Depending on mechanical, thermal or chemical load, the coating thickness can be varied from 1 to 4 mm
- As top coat for main coats broadcasted with coloured quartz in cold rooms and outdoor areas

Hardener dosages

Temperature	SILIKAL® BPO % by weight *	Pot life approx. min.	Hardening time approx. min.
0 °C	6.0	20	50
+10 °C	4.0	20	45
+20 °C	2.0	15	40
+30 °C	1.0	12	30

* 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 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, main coat, thin 1 – 2 mm

No.	Component	Guideline recipe (% by weight)	Comment	Batch for 30 litre bucket
1	SILIKAL® R 62	47 %		20 kg
2	SILIKAL® Filler SV	50 %		20 kg
3	SILIKAL® Pigment	3 %		1 kg
	Total:	100 %	Average consumption: 1.5 kg/m² per mm thickness	41 kg
4	SILIKAL® BPO	1 – 6 % with ref. to no. 1		See "Hardener dosages" table for quantities

Guideline recipe, main coat, standard 3 – 4 mm

No.	Component	Guideline recipe (% by weight)	Comment	Batch for 30 litre bucket
1	SILIKAL® R 62	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 – 6 % with ref. to no. 1		See "Hardener dosages" table for quantities

Silikal Product Information

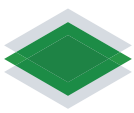
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Guideline recipe, colourless top coat

No.	Component	Guideline recipe (% by weight)	Comment	Batch for 10 litre bucket
1	SILIKAL® R 62	100 %		10 kg
	Total:	100 %	Average consumption: 600 g/m²	10 kg
2	SILIKAL® BPO	1 – 6 % 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	0.98 g/cm ³
Application temperature	0 °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	
R62-001		System-C-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 SV	Data sheet FSV
SILIKAL® Pigment	Data sheet PIG
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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