

SILIKAL® R 71

Reactive, hard top coat

Properties

- Extremely low viscosity
- Cures hard, good scratch resistance
- Low yellowing
- Very good chemical resistance

Area of application

- Colourless top coat for decorative, hard coloured flake/coloured quartz main coats

Hardener dosages

Temperature	SILIKAL® BPO % by weight *	Pot life approx. min.	Hardening time approx. min.
-5 °C	5.0	25	60
0 °C	4.0	17	40
+20 °C	2.0	15	30
+30 °C	1.0	8	15

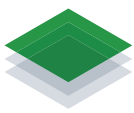
* The amount of SILIKAL® BPO is always calculated with reference to the amount of resin.

Advice on application

- Stir in SILIKAL® BPO until it is fully dissolved (approx. 1 minute) and then use the mixture immediately.
- Always roll on at least 400 g/m² for the first top coat layer. Optionally, after the first coating has cured, a second top coat can be rolled on with no more than 300 g/m².
- Roll on crosswise with a suitable roller.

Guideline recipe, colourless top coat

No.	Component	Guideline recipe (% by weight)	Comment	Batch for 10 litre bucket
1	SILIKAL® R 71	100 %		10 kg
	Total:	100 %	Average consumption: 400 – 500 g/m²	10 kg
2	SILIKAL® BPO	1 – 5 % with ref. to no. 1		See “Hardener dosages” table for quantities



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Characteristics as delivered

Property	Approx. value
Viscosity, +20 °C	70 mPa · s
Density, +20 °C	0.99 g/cm ³
Application temperature	-5 °C to +30 °C

CE marking

CE	
09	
SILIKAL GmbH Ostring 23 · 63533 Mainhausen www.silikal.com	
R71-001	
EN 13813:2002	
Synthetic resin screed for application in buildings	
Reaction to fire	E ₊
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-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
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.

Silikal Product Information

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Silikal GmbH

Ostring 23 · 63533 Mainhausen · Germany
Phone: +49 (0) 61 82 / 92 35-0
mail@silikal.de · www.silikal.de