



SILIKAL® R 64

Reactive resin for trowel-applied coloured quartz coatings indoors

Properties

- Medium viscosity
- High firmness
- Good filler wetting

Area of application

- Main coat resin for trowelled coatings indoors for use in Silikal System B: Quartz TA on concrete and cement screed
- Also suitable for areas with increased slope
- Depending on mechanical, thermal or chemical load, the coating thickness can be varied from 3 to 5 mm

Hardener dosages

Temperature	SILIKAL® BPO % by weight *	Pot life approx. min.	Hardening time approx. min.
0 °C	6.0	20	50
+10 °C	5.0	20	45
+20 °C	2.5	15	40
+30 °C	1.5	12	30

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

Advice on application

- SILIKAL® BPO must first be added and mixed until it has fully dissolved. The fillers must then be stirred in until a homogeneous state has been reached and the mixture must be used immediately.
- The trowelable coloured quartz screed should be pre-spread to the desired coating thickness with a rake and then needs to be well compacted with a smoothing trowel.

Guideline recipe, coloured quartz topping 3 – 5 mm:

No.	Component	Guideline recipe (% by weight)	Comment	Batch for 30 litre bucket
1	SILIKAL® R 64	22 %		7 kg
2	SILIKAL® Filler FM	78 %	1 sack	25 kg
	Total:	100 %	Average consumption: 2 kg/m² per mm thickness	32 kg
4	SILIKAL® BPO	1.5 – 6 % with ref. to no. 1		See "Hardener dosages" table for quantities

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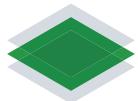
Expect more from your floor.

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Characteristics as delivered

Property	Approx. value
Viscosity, +20 °C	300 mPa · s
Density, +20 °C	0.98 g/cm ³
Application temperature	0 °C to +30 °C

CE marking



Other applicable documents

SILIKAL® BPO	Data sheet BPO
SILIKAL® Filler FM	Data sheet FFM
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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