

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 |

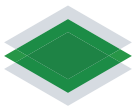
* The amount of SILIKAL® BPO is always calculated with reference to the amount of resin.

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 |



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

| | |
|---------------------------------|----------------|
| CE | |
| 09 | |
| SILIKAL GmbH | |
| Ostring 23 · 63533 Mainhausen | |
| www.silikal.com | |
| R64-001 | |
| EN 13813:2002 | |
| Synthetic resin screed | |
| for application in buildings | |
| Reaction to fire | E ₁ |
| Release of corrosive substances | SR |
| Wear resistance | ≤ AR1 |
| Bond strength | ≥ 1,5 |
| Impact resistance | ≥ IR 4 |



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.

Silikal Product Information

Data sheet SILIKAL® R 64

Page 2 of 2

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