



SILIKAL® R 17

Reactive resin mortar for concrete repairs and screed

Properties

- High compressive strength (75 N/mm²)
- High tensile strength in bending (17 N/mm²)
- Low shrinkage
- Wear-resistant
- Good self levelling properties
- Processing time / hardening time at +20 °C: 15 min / 1 h

Area of application

- Reactive resin mortar indoors and outdoors

Guide for application and calculation

SILIKAL® R 17	Amount in kg	Quantity in ltr.	Quantity in ltr. fixed volume	Minimum layer thickness in mm
a) SILIKAL® R 17 Powder SILIKAL® R 17 Hardener	15.00 <u>1.85</u> 16.85	11.50 2.00	8.50	6
b) SILIKAL® R 17 Powder SILIKAL® R 17 Hardener SILIKAL® Filler QS 2 – 8 mm	15.00 <u>1.85</u> <u>8.00</u> 24.85	11.50 2.00 5.00	11.60	25
c) SILIKAL® R 17 Powder SILIKAL® R 17 Hardener SILIKAL® Filler QS 2 – 8 mm SILIKAL® Filler QS 8 – 16 mm	15.00 <u>1.85</u> <u>3.00</u> <u>12.00</u> 31.85	11.50 2.00 1.90 7.50	14.25	50

Advice on application

- First add hardener liquid, then slowly stir in the powder component, then (as required) add SILIKAL® Filler QS and stir for roughly 2 minutes until an homogeneous mortar is created, then use immediately.
- The minimum layer thickness is 6 mm – not extendable to zero.
- Do not use any fillers other than those named in the table “Guide for application and calculation”.
- Note: If priming must be performed at temperatures between -11 °C and -25 °C, the special product SILIKAL® R 51 (-25 °C) can be used (data sheet on request).

Characteristics as delivered

Property	Approx. value
Viscosity, +20 °C	1 mPa · s
Density, +20 °C	0.93 g/cm ³
Application temperature	-10 °C to +35 °C

CE marking

CE	
05	
SILIKAL GmbH Ostring 23 · 63533 Mainhausen DOP: www.silikal.com	
R17-001	
EN 13813:2002	
SR-C70-F15-B2,0-IR4-AR0,5-B _{fl} -s1 Synthetic resin screed for application in buildings	
Flexural strength	> 17 N/mm ²
Compressive strength	> 75 N/mm ²
Bond strength	B 2,0
Impact resistance	IR 0,4
Reaction to fire	B _{fl} -s1



Other applicable documents

SILIKAL® Filler QS	Data sheet FQS
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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