

# SILIKAL® RU 321 Pigmented

Highly flexible, pigmented reactive resin for membrane layers and waterproofing

## Properties

- High viscosity
- High elasticity
- Very good crack bridging, permanent expansion capacity
- Good self-levelling properties
- Pre-filled and pigmented ready to use
- Extended application temperature

## Area of application

- As membrane layer for crack bridging underneath of coatings
- As waterproofing layer under toppings

## Hardener dosages

Temperature	SILIKAL® BPO % by weight *	Pot life approx. min.	Hardening time approx. min.
0 °C	6.0	20	80
+10 °C	4.0	15	60
+20 °C	2.0	15	60
+30 °C	1.0	8	40
+35 °C	1.0	7	35

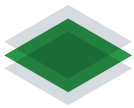
\* The amount of SILIKAL® BPO is always calculated with reference to the amount of resin.

## Advice on application

- First stir well. Only after this SILIKAL® BPO should be added and mixed until it has dissolved completely (approx. 1 minute), and the mixture should be used immediately.

## Guideline recipe

No.	Component	Guideline recipe (% by weight)	Comment	Batch for 10 litre bucket
1	SILIKAL® RU 321 Pigmented	100 %		10 kg
	<b>Total:</b>	<b>100 %</b>	<b>Average consumption: 1.6 kg/m<sup>2</sup> per mm thickness</b>	<b>10 kg</b>
2	SILIKAL® BPO	1 – 6 % with ref. to no. 1		See “Hardener dosages” table for quantities



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## Characteristics as delivered

Property	Approx. value
Viscosity, +20 °C	4,000 mPa · s
Density, +20 °C	1.65 g/cm <sup>3</sup>
Application temperature	0 °C to +35 °C

## CE marking

<b>CE</b>	
09	
SILIKAL GmbH Ostring 23 · 63533 Mainhausen www.silikal.com	
RU321-pigmented-001 <b>EN 13813:2002</b>	
Synthetic resin screed for application in buildings	
Reaction to fire	E <sub>1</sub>
Release of corrosive substances	SR
Wear resistance	≤ AR1
Bond strength	≥ 1.5
Impact resistance	≥ IR 4



### 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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