

SILIKAL® RU 320 Thix

Highly flexible, thixotropic, pigmented reactive resin for membrane layers and waterproofing

Properties

- High viscosity
- High elasticity
- Very good crack-bridging, permanent expansion capacity
- Good stability when used on vertical surfaces
- Pre-filled, pigmented and thixotropic ready to use

Area of application

- As stable membrane layer for crack bridging underneath coatings
- As stable waterproofing layer under toppings (tiles, coatings, with national technical test certificate (abP))

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

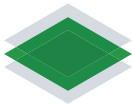
* The amount of SILIKAL® BPO is always calculated with reference to the amount of resin.

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, pigmented membrane layer

No.	Component	Guideline recipe (% by weight)	Comment	Batch for 10 litre bucket
1	SILIKAL® RU 320 Thix	100 %		10 kg
	Total:	100 %	Average consumption: 1.1 kg/m² per mm thickness	10 kg
2	SILIKAL® BPO	1 – 6 % with ref. to no. 1		See “Hardener dosages” table for quantities



SILIKAL® RU 320 Thix

Highly flexible, thixotropic, pigmented reactive resin for membrane layers and waterproofing

Characteristics as delivered

Property	Approx. value
Viscosity, +20 °C	Pasty
Density, +20 °C	1.13 g/cm ³
Application temperature	0 °C to +30 °C

CE marking

09	
SILIKAL GmbH	
Ostring 23 · 63533 Mainhausen	
www.silikal.com	
RU320-Thix-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
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® RU 320 T
Page 2 of 2
Issue MMA 7.02A – February 2023



Silikal GmbH

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