



# SILIKAL® R 59

Reactive primer for metal and other non-absorbent substrates

## Properties

- Medium viscosity
- Good adhesion on non-absorbent substrates
- Good film-forming properties

## Area of application

- Primer resin for non-absorbent substrates such as metal, tiles, etc.

## Hardener dosages

Temperature	SILIKAL® BPO % by weight *	Pot life approx. min.	Hardening time approx. min.
0 °C	5.0	14	60
+10 °C	4.0	12	55
+20 °C	2.0	10	45
+30 °C	1.0	8	40

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

## Advice on application

- SILIKAL® BPO must be stirred in until it is fully dissolved (approx. 1 minute) and the mixture must be used immediately.
- The mixture must be applied such that it forms a film. If the mixture penetrates in the substrate, it must be reworked wet in wet.
- Puddling must be avoided during application.
- Curing and adhesion tests must generally be performed.
- Always use primers as clear resin – they should never be filled or pigmented.

## Guideline recipe

No.	Component	Guideline recipe (% by weight)	Comment	Batch for 10 litre bucket
1	SILIKAL® R 59	100 %		10 kg
	<b>Total:</b>	<b>100 %</b>	<b>Average consumption: 400 g/m<sup>2</sup></b>	<b>10 kg</b>
2	SILIKAL® BPO	1 – 5 % with ref. to no. 1		See “Hardener dosages” table for quantities



### Characteristics as delivered

Property	Approx. value
Viscosity, +20 °C	900 mPa · s
Density, +20 °C	0.99 g/cm <sup>3</sup>
Application temperature	0 °C to +30 °C

### CE marking

<b>CE</b>	
09	
SILIKAL GmbH Ostring 23 · 63533 Mainhausen www.silikal.com	
R59-001	
<b>EN 13813:2002</b>	
Synthetic resin screed for application in buildings	
Reaction to fire	E <sub>+</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.