



SILIKAL® RE 55

Reactive primer for polymer-modified substrates, epoxy-resin-based

Properties

- High viscosity
- Good adhesion

Area of application

- Primer resin with good adhesion on polymer-modified concrete and cement screed which MMA primer cannot adhere to or cure on

Mixing ratio

Temperature	Component A	Component B	Application time approx. min.	Hardening time approx. hour
+10 °C	100 parts by weight	50 parts by weight	40	24
+20 °C			30	10
+30 °C			20	6

Advice on application

- SILIKAL® RE 55 consists of two liquid components (mixing ratio 1:2). The components must be mixed by thorough stirring for 2 – 3 minutes. To avoid unmixed resin residue on the edge of the mixing container, the finished mixture must be transferred to a new container and mixed for a further 1 – 2 minutes. The mixture must be applied such that it forms a film. Puddling must be avoided during application. If the substrate is highly absorbent, a second primer application is recommended. For the following coating with MMA, the SILIKAL® RE 55 primer must be fully broadcasted with quartz sand, e.g. SILIKAL® Filler QS 0.7 – 1.2 mm. After complete curing, the excess sand must be removed and priming must be carried out again with an MMA primer.

Guideline recipe

No.	Component	Guideline recipe (% by weight)	Comment	Batch for 30 litre bucket
1	SILIKAL® RE 55 A	67 %	1 packing unit, comp. A	20 kg
2	SILIKAL® RE 55 B	33 %	1 packing unit, comp. B	10 kg
	Total:	100 %	Average consumption: 400 g/m ²	30 kg



Characteristics as delivered

Property	Approx. value
Viscosity, component A, +20 °C	700 mPa · s
Viscosity, component B, +20 °C	100 mPa · s
Density, component A, +20 °C	1.12 g/cm ³
Density, component B, +20 °C	1.02 g/cm ³
Application temperature	+10 °C to +30 °C

CE marking

CE	
09	
SILIKAL GmbH Ostring 23 · 63533 Mainhausen www.silikal.com	
RE55-001	
EN 13813:2002	
Synthetic resin screed for application in buildings	
Reaction to fire	E ₊
Release of corrosive substances	SR
Wear resistance	≤ AR1
Bond strength	≥ 1.5
Impact resistance	≥ IR 4



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



Silikal GmbH