

# SILIKAL® resin RF 6200 / base

Reactive sealing resin with slightly elasticised formulation



## Application

SILIKAL® resin RF 6200 is a methacrylate resin with medium-viscosity formulation that is excellently suited to sealing sprinkled coatings both indoors and outdoors. SILIKAL® resin RF 6200 is available for such tasks both in a factory-pigmented (SILIKAL® resin RF 6200 pigmented) and a prefilled but unpigmented base (SILIKAL® resin RF 6200 base) for pigmenting on site.

## Rollable sealer (factory-pigmented)

### Guideline recipe and batch quantities

Item	Component	Guideline recipe (% by weight)	Comments	Batch for 20 litre bucket	
1	SILIKAL® resin RF 6200 pigmented	100 %		12 kg	10 litres
	<b>Total:</b>	<b>100 %</b>	<b>Average consumption: 0.6 – 1.1 kg/m²</b>	<b>12 kg</b>	<b>10 litres</b>
2	SILIKAL® Hardening Powder	1 – 6 % related to item 1	See “Hardener dosages” table for quantities	130 – 780 g	

SILIKAL® resin RF 6200 must generally be applied on sanded-down substrates at rates of at least 600 g/m² in the first sealing coat and, if applicable, at least 500 g/m² in a second, optional seal.

For use on sloping surfaces or for vertical application, SILIKAL® resin RF 6200 can be thixotroped. A visually appealing, smooth surface is then no longer guaranteed.

The container must be stirred intensively before removing partial quantities.

## Rollable sealer with SILIKAL RF 6200 base

### Guideline recipe and batch quantities

Item	Component	Guideline recipe (% by weight)	Comments
1	SILIKAL® resin RF 6200 Base	92 – 95 %	
2	Pigment paste*	5 – 8 %	
	<b>Total:</b>	<b>100 %</b>	<b>Average consumption: 0.6 – 1.1 kg/m²</b>
3	SILIKAL® Hardening Powder	1 – 6 % related to item 1	See “Hardener dosages” table for quantities

\* The pigment paste must be suitable for pigmenting MMA resins. This can be established in suitable preliminary tests.

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#### Silikal product information

May 2017

Data sheet SILIKAL® RF 6200

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### Characteristics of RF 6200 as delivered

Property	Measuring method	Approx. value
Viscosity at +20 °C	DIN 53 019	350 – 550 mPa · s
Flow time at +20 °C, 6 mm	DIN EN ISO 2431	45 – 70 sec.
Density D <sub>4</sub> <sup>20</sup>	DIN EN ISO 2811	1.2 g/cm <sup>3</sup>
Flash point	DIN 51 755	+10 °C
Pot life at +20 °C (100 g, 2 % pbw. hardening powder)	approx. 15 min.	
Application temperature	0 °C to +30 °C	

### Hardener dosages

Temperature	Hardening powder % pbw. *	Pot life approx. min.	Hardening time approx. min.
0 °C	6.0	20	50
+10 °C	4.0	20	45
+15 °C	3.0	15	40
+20 °C	2.0	15	40
+25 °C	1.5	12	35
+30 °C	1.0	12	30

\* The quantity of hardening powder is always related to the quantity of resin.

👁 For further information, please refer to the separate product information sheet “SILIKAL® Hardening Powder”.



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10<sup>1)</sup>

RF 6200 - 001

DIN EN 13813:2003-01

Synthetic resins for internal uses.

EN 13813 SR-AR1-B1,5-IR4

(Application in accordance with the newest technical information).

Reaction to fire:	E <sub>0</sub>
Release of corrosive substances	SR
Water permeability:	NPD <sup>2)</sup>
Wear resistance	AR 1 <sup>3)</sup>
Bond strength:	B 1,5
Impact resistance:	IR 4
Sound insulation:	NPD <sup>2)</sup>
Sound absorption:	NPD <sup>2)</sup>
Thermal resistance:	NPD <sup>2)</sup>
Chemical resistance:	NPD <sup>2)</sup>

### CE-labelling

DIN EN 13 813 “Screed material and floor screeds

- Screed material - Properties and requirements”

(Jan. 2003) specifies requirements for screed material that is used for floor constructions in interiors.

Plastic coatings and sealers are also covered by this standard. Products that conform to the above standard are to be identified with the CE mark.

<sup>1)</sup> Last two digits of the year in which the ce marking was affixed.

<sup>2)</sup> NPD = No performance determined.

<sup>3)</sup> Refers to a smooth surface without broadcasting.



#### Other applicable documents

SILIKAL® Additive ZA  
SILIKAL® Hardening Powder  
General processing information  
The substrate  
Fillers and pigments  
Chemical resistance  
Information on safety and protection  
Storage and transport  
General cleaning advice

#### Data sheet

SILIKAL® Additive ZA  
SILIKAL® Hardening Powder  
AVH  
DUG  
FUP  
CBK  
SUS  
LUT  
ARH

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