



This economic thin-coat system based on SILIKAL® RE 27 W resin (water-thinnable, pigmented 2-component epoxy resin) is suitable for the manufacture of coloured sealants for surfaces consisting of concrete, cement screed (indoors and outdoors) and poured asphalt (indoors only). It is suitable for surfaces exposed to light to moderate loads and which must have good resistance to chemicals. Typical areas of application include production and storage halls, multi-storey car parks and underground garages as well as vertical concrete surfaces such as noise-protection walls, bridge piers, retaining walls or kerbs. This epoxy resin can also withstand slight moisture in the substrate thanks to its enhanced water damp permeability.

### Brief summary of the properties of SILIKAL® RE 27 W resin

- Easy to apply with rollers
- Good chemical and mechanical resistance
- Open to water damp permeability
- Environmentally friendly

Because of its environmentally-compatible manufacturing process, SILIKAL® RE 27 W offers an outstanding ecology balance and is therefore extremely environmentally friendly.

The two base components (resin and hardener) and the water and additives meet all building site requirements, while the various mixing ratios permit a range of possible applications:

#### **Variant 1: Pigmented sealant 0.5 mm smooth**

SILIKAL® RE 27 W resin is applied at least 2x crosswise using a paint roller. Depending on how absorbent the substrate is, the first coat can be diluted with 5 – 10 % water.

**Consumption: 1<sup>st</sup> coat approx. 300 – 500 g/m<sup>2</sup>  
2<sup>nd</sup> coat approx. 400 g/m<sup>2</sup>**

#### **Variant 2: Pigmented sealant 1 mm hard-wearing structure**

The first coat is applied as in variant 1.

For the second rolled coat, however, 1.5 – 2 % in weight of SILIKAL® TA1 anti-flow additive is stirred into the mixture until there are no lumps. This mixture is then applied using the roller.

**Consumption: 1<sup>st</sup> coat approx. 300 – 500 g/m<sup>2</sup>  
2<sup>nd</sup> coat approx. 500 – 700 g/m<sup>2</sup>**

#### **Variant 3: Pigmented sealing of walls 0.5 mm smooth**

SILIKAL® RE 27 W resin is applied at least 2x crosswise using a paint roller. Depending on how absorbent the substrate is, the first coat can be diluted with 5 – 10 % water. Any cavities may need to be filled using a suitable stonechip filler beforehand.

**Consumption: 1<sup>st</sup> coat approx. 300 – 500 g/m<sup>2</sup>  
2<sup>nd</sup> coat approx. 400 g/m<sup>2</sup>**

⇒ Other applicable documents	Data sheet	Page
SILIKAL® RE 27 W resin	SILIKAL® RE 27 W	20

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#### Silikal system information

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Data sheet RSA

Page 1 of 1