

SILIKAL® RE 26 W is a water-emulsified, colourless, permeable to moisture, 2-component epoxy resin sealer with a low solvent content.

### Properties

- Reduces the shine of EP/PU reactive resin floors
- Uniform, satin gloss appearance
- Low odour and environmentally-friendly
- Outstanding adhesion
- Low consumption

### Areas of application

In interiors for matt final sealing of reactive resin floors, matt sealing of decorative floors, water vapour diffusion-capable matt sealing, sealing on old floors.

### Technical data

Mixing ratio	Component A (resin) = 1 parts by weight Component B (hardener) = 2 parts by weight
Specific weight (mixture)	approx. 1.07 kg/l
Minimum hardening temperature	+15 °C (room and floor temperature) Note the dew point!
Optimum processing temperature	+15 to +25 °C
Pot life at +20 °C	60 min
Curing time at +20 °C	- Treatable/resistant to work/foot traffic – after 18 – 24 hours - Resistant to light mechanical stresses – after 2 days - Fully resistant to chemical and mechanical stresses – after 7 days
Consumption	approx. 120 – 180 g/m <sup>2</sup> per operation
Glossiness	Satin gloss

High temperatures reduce and low temperatures lengthen all times given. The consistency, degree of filling and consumption will vary. Generally a temperature change of 10 °C will result in the times given halving or doubling.

### Substrate

The substrates (glossy EP coating) must be dry and free of substances that have a parting effect (dirt, oil, grease etc.). The optimum time for sealing is reached when the previous epoxy resin coat has formed a sufficiently resistant film but has not yet fully cured. This is normally no less than 12 and no more than 36 hours later.

If fully cured coatings are sealed, the surface must be cleaned and sanded. The adhesion may need to be checked afterwards.

The air and floor temperature must be no less than +15 °C and the relative humidity before and during processing must not exceed 75 %. Note the dew point!

### Advice on application

Components A and B are supplied in the correct ratio for mixing. The entirety of the resin (comp. A) is added to the basic component (comp. B). Mixing is done by a machine (agitator at 300 - 400 rpm) and should last for at least 3 minutes until a homogeneous, non-streaky mixture is obtained. The mixed material must be poured into a clean pail and mixed again briefly.

The pot life is max. 1 hour. **Note that the end of the pot life cannot be detected!**

SILIKAL® RE 26 W is applied using a non-fluffy short-pile sealant roller. To avoid multiple application and overlapping, working areas must be clearly defined before coating.

On large surfaces, it is recommended that two or more people lay the material in one direction while another person spreads the freshly applied material crosswise. The spreading roller should be completely saturated/wetted with material and should only be used to spread and NOT to apply the sealer. Always work "wet in wet", ensuring optimum distribution and avoiding the formation of puddles. Clouds can form if the coat is too thick.

Water and chemical stresses must be avoided for the first 7 days.

To ensure good air exchange (dry air), provide ventilation and aeration during the drying and hardening phase. Between the individual operations it is absolutely essential that no moisture or contamination is allowed to penetrate.

Always heed the danger warnings and safety advice shown on the container and follow the regulations laid down by the relevant employers' liability insurance association. Refer to the safety data sheet for further information on the physical, toxicological and ecological properties of the product.

### Chemical resistance

When completely cured, surfaces protected with SILIKAL® RE 26 W are resistant to oil, grease, fuel, salt, water and various solvents.

### Delivery form and shades

- 10 kg combination container
- 25 kg combination container

Colourless

### Light fastness

All epoxy resin-based products will tend to yellow. This does not affect the mechanical properties of the cured coating.

### Shelf life

1 year if stored in the unopened original container in a cool (< +25 °C), dry and frost-free location.

Do not expose to direct sunlight!

### Equipment cleaning

The tools must be washed thoroughly with water immediately after use.

### Labelling

Giscode: RE 0

A component: Skin Irrit. 2

B component: Skin Irrit. 2

### EU Directive 2004/42/EC (VOC Paints Directive)

The maximum VOC content permitted in EU Directive 2004/42 (product category IIA/j type Wb) in the ready-to-use state is 140 g/l (limit 2010).

The maximum VOC content of SILIKAL® RE 26 W in the ready-to-use state is < 140 g/l.