



SILIKAL® RE 77

Reactive top coat, epoxy-resin-based

Properties

- High viscosity
- Hard, good scratch resistance
- Low yellowing
- Good resistance to solvents

Area of application

- Colourless top coat for decorative, hard coloured flake / coloured quartz main coats where solvent-resistance is required

Mixing ratio

| Temperature | Component A | Component B | Processing time approx. min. | Hardening time Approx. |
|-------------|---------------------|--------------------|------------------------------|--|
| +15 °C | 100 parts by weight | 50 parts by weight | 45 | Can be walked over after 48 hours; driven over after 4 days; chemical 7 days |
| +20 °C | | | 30 | Can be walked over after 24 hours; driven over after 3 days; chemical 7 days |
| +30 °C | | | 20 | Can be walked over after 12 hours; driven over after 2 days; chemical 7 days |

Advice on application

- SILIKAL® RE 77 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.

Guideline recipe

| No. | Component | Guideline recipe (% by weight) | Comment | Batch for 30 litre bucket |
|-----|-------------------------|--------------------------------|---|---------------------------|
| 1 | SILIKAL® Porfil RE 77 A | 67 % | 1 packing unit, comp. A | 20 kg |
| 2 | SILIKAL® Porfil RE 77 B | 33 % | 1 packing unit, comp. B | 10 kg |
| | Total: | 100 % | Average consumption: 500 g/m² | 30 kg |

Characteristics as delivered

| Property | Approx. value |
|--------------------------------|------------------------|
| Viscosity, component A, +20 °C | 1,400 mPa · s |
| Viscosity, component B, +20 °C | 250 mPa · s |
| Density, component A, +20 °C | 1.14 g/cm ³ |
| Density, component B, +20 °C | 1.02 g/cm ³ |
| Application temperature | +15 °C to +30 °C |



Other applicable documents

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

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