



SILIKAL® R 15

Flexibilised reactive resin mortar for repairs and screed outdoors

Properties

- Adjusts to slight substrate movements
- Elasticity also prevents shrinkage cracks
- High compressive strength (30 N/mm²)
- Good self-levelling
- Processing time / hardening time at +20 °C:
15 min / 35 min

Area of application

- Reactive resin mortar for asphalt and concrete repairs outdoors

Guide for application and calculation

| Coating thickness in mm | SILIKAL® R 15 | Quantity in kg | Quantity in ltr. | Quantity in ltr. fixed volume |
|-------------------------|---|--------------------|------------------|-------------------------------|
| 5 – 30 | SILIKAL® R 15 Hardener SILIKAL® R 15 Powder | 3 15 18 | 3 11 | 9 |
| 20 – 80 | SILIKAL® R 15 Hardener SILIKAL® R 15 Powder SILIKAL® Filler QS 2 – 8 mm | 3 15 5 23 | 3 11 3 | 11 |
| >80 | Install in layers | | | |

Advice on application

- First add hardener liquid, then slowly stir in the powder component, then (as required) add Silikal® Filler QS and stir for approx. 2 minutes until an homogeneous mortar is created, then use immediately.
- The minimum layer thickness is 5 mm – not extendable to zero.
- Do not use any fillers other than those named in the table “Guide for application and calculation”.
- Note: For indoor applications, the Silikal® R 15I mortar can be used, which is also flexibilised (data sheet on request).

Characteristics as delivered

| Property | Approx. value |
|-------------------------|------------------------|
| Viscosity, +20 °C | 60 mPa · s |
| Density, +20 °C | 0.98 g/cm ³ |
| Application temperature | 0 °C to +35 °C |



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

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