

# BKM RSH-2K Set

Crack Repair Resin Kit, two-component.  
technical data sheet

Article-No.: H-001-330

## Product description

BKM RSH-2K is a fast-setting silicate-based casting resin and can be mixed quickly without additional tools. BKM RSH-2K has very good penetration properties, is low in odor and can be loaded quickly. BKM RSH-2K has very good resistance to many organic solvents, dilute acids, alkalis and salt solutions.

### Product advantages

- Two-component
- Low odor
- Easy and fast mixing - without tools
- Very good penetration
- Can be loaded at an early stage.
- Very low emission (EMICODE EC1-PLUS).
- Resistant to alkalis, dilute acids, salt solutions, as well as many organic solvents.

### Specification

<b>Base:</b>	modified silicate resin, 2-component
<b>Standard color:</b>	A-comp.: yellowish B-comp.: brown
<b>Mixture:</b>	light yellow
<b>Viscosity*:</b>	A-comp.: approx. 150 mPas B-comp.: approx. 260 mPas
<b>Mixture:</b>	approx. 1.000 mPas
<b>Density*:</b>	A-comp.: ca. 1,12 g/cm B-comp.: ca. 1,48 g/cm
<b>Mixing ratio:</b>	1 : 1 Vol.-Teile
<b>Ambient and Substrate temp.:</b>	min. +10C max. +30°C
<b>Processing time:</b>	ca. 15 Min. bei +10°C ca. 10 Min. bei +20°C ca. 7 Min. bei +30°C
<b>Revisable:</b>	nach ca. 25 min bei +20°C
<b>Fully loadable:</b>	nach ca. 24 h bei +20°C

Please observe the valid safety data sheet!

**GISCODE:** PU40

### Areas of application

BKM RSH-2K is used to seal cracks and joints in unheated and heated mineral screeds for crack and joint widths up to approx. 5 mm.

## Product application

### Substrate preparation

The surfaces to be machined must::

- Be dry, solid, load-bearing and have a good grip.
- Be free from separating and adhesion-reducing substances, e.g. dust, stillage, grease, rubber abrasion, paint residues, etc.
- Quality of the screed: min. EN 13813 CT-C25-F4
- The substrate and the room climatic conditions must meet the requirements of DIN EN18365.
- Residual moisture: < 4 % (CM method).

### Processing

#### - Mixing the components -

Component A and component B are supplied in a coordinated mixing ratio. The A component is added completely to the B component. Make sure that the material runs out of its container without any residue.

Then close the container of the B component again and shake intensively for approx. 15-20 sec. until the mixture is homogeneous and free of streaks.

The material temperature should be at least +15C during the mixing process. After the mixing process, the sealing cap must be cut open to match the existing crack width so that the cracks and joints can then be properly grouted.

#### Important note!

Do not close the screed cracks and dummy joints until the screed has reached its permissible residual moisture, i.e. is ready for laying.

#### - Preparation of cracks and application -

Closing cracks in the screed using the screed clamps:  
Open the cracks or joints with a cutting disc lengthwise to 1/2 to 2/3 of the screed thickness.

Cut transverse slits approx. 10 cm long at right angles to the crack in sequence every approx. 30 cm. Then clean the cut areas carefully with an industrial vacuum cleaner and remove the dust thoroughly. Then insert enclosed screed clamps into the transverse slots.

Pour the mixed casting resin into the cut joints until saturation. It may be necessary to re-pour.

Any excess material must then be removed immediately with a spatula and the surface of the still fresh casting resin must be sprinkled with 0.1-0.6 mm quartz sand to cover it completely.

After curing, vacuum off the unbound, loose quartz sand. Acured material can only be removed mechanically. Higher temperatures shorten the working time. Lower temperatures extend the processing and curing time.

## Consumption

approx. 200ml/m at 10 mm joint depth

The consumption may vary depending on the depth and width of the joint.

## Comments

### Packaging unit

2x Bottles a. 300ml A+B component

1x Gloves

20 pcs screed clamps

### Storage

Frost-free, cool and dry,  $\geq +10\text{ °C}$  to  $+30\text{ °C}$ , 9 months, in the original sealed container, use up opened containers immediately.

## Legal notice

The above information, in particular the suggestions for processing and use of our products, are based on our knowledge and experience under normal circumstances, provided that the products have been stored and applied correctly. Due to the different materials, substrates and divergent working conditions, a guarantee of a working result or a liability, regardless of the legal relationship, cannot be justified on the basis of these instructions or verbal advice, unless we are accused of intent or gross negligence in this respect. In this respect, the user must prove that all knowledge necessary for a proper and promising assessment by BKM was provided to BKM in writing, in time and in full. The user must check the suitability of the products for the intended application. We reserve the right to make changes to product specifications.

Proprietary rights of third parties must be respected.

The latest product data sheet applies and must be requested from us. The responsibility for the successful application of our products lies with the user, as the use is beyond our control. However, we ensure the quality of our products in accordance with our conditions of sale and delivery, without guaranteeing the success of their application. Our data sheets represent advice based on our best knowledge, but no obligation can be derived from them. Our written consent is required to guarantee properties and application possibilities that go beyond the information recorded in the data sheets.

### Further information can be found at:

[www.bkm-mannesmann.de](http://www.bkm-mannesmann.de)