

# BKM KS Special adhesive

Thin-bed mortar for bonding BKM KS Klimaplatte PRO to mineral substrates, sulfate-resistant  
technical data sheet

Article-No.: H-001-958

## Product description

### Product advantages

- Waterproof, as well as heat and weather resistant
- For interior substrates containing gypsum
- Hydraulic curing
- Quick and easy application
- Free of mineral fibers

### Specification

<b>Material:</b>	low chromate, contains PZ clinker
<b>Processing temperature:</b>	do not process below 5 °C
<b>Yield:</b>	approx. 5 – 6 m <sup>2</sup> / 25 kg bag
<b>Dry bulk density:</b>	1.410 kg/m <sup>3</sup>
<b>Adhesive tensile strength:</b>	> 200 kPa
<b>Fire behavior:</b>	Class A1 according to DIN EN 13501-1
<b>Water vapor diffusion resistance number <math>\mu</math>:</b>	13

### Application areas

BKM KS special adhesive is used for bonding BKM KS Klimaplatte PRO and can also be used on plasters containing gypsum, with a minimum thickness of 10mm and clean and load-bearing mineral substrates.

## Product application

### Surface preparation

The following requirements must be met for the application of BKM KS Special Adhesive on mineral substrates.

- Free of adhesion-reducing paints, wallpaper, oil, bitumen and salts.
- Clean, load-bearing and stress-free
- Permanently protected against rising damp and/or lateral moisture penetration.
- Mildew-free

### Processing

Thoroughly mix BKM KS Special Adhesive with approx. 7.5 l water using a suitable mixing device until a knot-free consistency suitable for processing is achieved (mixing time min. 3 min.). Further partial quantities are mixed in the ratio of approx. 0.3 l water per kg BKM KS Special Adhesive. BKM KS Special Adhesive is ready for use after mixing. No more adhesive should be mixed than can be processed in approx. 2 hours. Depending on the condition of the substrate (e.g. highly absorbent), the surface must be pretreated with BKM Putzgrund. After any necessary leveling work with leveling plaster, apply the mixed BKM KS Special Adhesive as a contact layer to the substrate horizontally using a suitable notched trowel ( $\geq 10$  mm) and only for one board at a time. Subsequently, the insulation board is bonded to the fresh contact layer over the entire surface by lightly pressing it in (comb bed method).

## Comments

Stiffened BKM KS Smoothing Filler must not be stirred again with water or fresh smoothing filler. The times given apply to the normal temperature range +20 °C at approx. 50 % relative humidity. BKM KS Smoothing Filler must be protected against rapid water removal, e.g. in the event of drafts and thermal stress.

### Packaging unit

25 kg bag / 42 bag pallet / H-001-958

### Storage

Protected from moisture on dry pallets, in closed containers approx. 9 months.

### Cleaning

Clean tools immediately with water after use.

### Ecology

Product residues must be disposed of in accordance with the applicable regulations. Empty packaging must be fed into the recycling systems.

## 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)

