



## TECHNICAL DATA SHEET

# KEIM BITUCOLL 2K-PLUS

## 1. PRODUCT DESCRIPTION

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Highly flexible, two-component, polystyrene foam-filled, plastic-modified bitumen thick coating (PMBC).

## 2. FIELD OF APPLICATION

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For bonding perimeter and base insulation boards.

Suitable for Masonry or concrete, rendered and unrendered; building sealing.

Also suitable as moisture protection at the base of unfinished buildings on normally absorbent substrates. As building waterproofing only on request.

## 3. PRODUCT PROPERTIES

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- especially economical
- easy and fast processing
- High adhesive strength during assembly
- effort saving processing due to light formulation
- fast drying
- distinct adhesive capacity
- High flexibility and elasticity even in cold conditions
- Can also be used on wet substrates
- resistant to aging
- water-resistant
- resistant to freeze/thaw cycle and temperature changes
- solvent-free

### MATERIAL CHARACTERISTICS:

- Density: ca. 0,7 g/cm<sup>3</sup>
- Processing time: approx. 1 h

## 4. APPLICATION INSTRUCTIONS

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### SUBSTRATE PREPARATION:

The substrate must be strong, dry, clean, sound and free from adhesion-reducing residues. Building sealing in accordance with DIN 18531 to DIN 18535 shall be provided.

For damp proofing or waterproofing, the substrate must be free of coarse cracks, ridges, crevices and other contaminants. Edges must be chamfered, fillets should be rounded. Deeper chipping, cracks and unevenness must be levelled with KEIM Porosan levelling plaster.

### APPLICATION CONDITIONS:

Ambient and substrate temperature min. 5 °C during application and drying. Do not apply in direct sunlight or on sun-heated substrates. Protect surfaces from direct sun, wind and rain during and after application.

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### APPLICATION:

Stir the liquid component before stirring in the powder component. Mix the two components with a slow-running agitator (approx. 400 rpm) in conjunction with an anchor stirrer until a homogeneous, lump-free mass is obtained (approx. 2-3 minutes mixing time). After mixing, the product is to be processed within 1 hour (pot life), depending on the temperature.

### GLUING:

Apply the system-specific adhesive mortar to the insulation panels using the clod method with 6 adhesive clods, so that an adhesion of min. 40 % is ensured. In the base area, the insulation panels are to be adhered using the bead-dot method. General instruction with regard to gluing: Do not apply adhesive to the panel joints. Do not create an insulation panel joint over a joint in the substrate underneath.

### MOISTURE PROTECTION:

Apply KEIM Bitucoll 2K-Plus on vertical and horizontal surfaces in two coats with a smoothing trowel in even layers. Work KEIM Glass Fibre Mesh 4 x 4 into the coating depending on the load case. If work is interrupted, the thick coating must be spread to zero. When work is resumed, continue to work in an overlapping manner. Do not interrupt work at corners of buildings. In case of strong sunlight, lightly sprinkle the horizontal surfaces with sand after 30 minutes to avoid excessive heating.

### CONSUMPTION:

2 - 3 l for gluing.

These material consumption values are guide values for smooth substrates. Exact consumption values must be determined by means of test areas.

### CLEANING OF TOOLS:

Clean immediately with water.

## 5. PACKAGING

Container content	Unit of measure	Quantity on pallet	Type of container
30	l	18	container

## 6. STORAGE

max. storage time	Storage conditions
12 months	frost-free protected from heat and direct sun.

## 7. DISPOSAL

For disposal information refer to section 13 of the safety data sheet.

### EC WASTE CODE:

EC WASTE CODE: 17 03 02, 17 01 01, 08 04 10

## 8. SAFETY INSTRUCTIONS

Please, refer to the Material Safety Data Sheet.

### 9. GENERAL INFORMATION

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Cover surfaces not to be treated, especially glass, ceramics and natural stone. Any splashes on surrounding surfaces or traffic areas must be rinsed off immediately with plenty of water.

Mixing with products not part of the system or other foreign additives is not permitted.

The stated values and properties are the result of extensive development work and practical experience. Our recommendations for application, whether given verbally or in writing, are intended to provide assistance in the selection of our products and do not establish a contractual relationship. In particular, they do not release the purchaser and processor from the obligation to convince themselves of the suitability of our products for the intended application with due care, which is general practice in trade and crafts. The general rules of construction technology must be observed. We reserve the right to make modifications to improve the product or its application. This edition supersedes all earlier editions.