

1. PRODUCT AND COMPANY INFORMATION

Commercial product name: BK-Beton Kontakt

Manufacturer:

Banja Komerc Bekament DOO
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2. DESCRIPTION, FIELD OF APPLICATION

BK-Beton Kontakt is a structural primer used for leveling out and increasing adhesion with surfaces poorly absorbing, smooth substrates of high density. It is used as a primer before applying the cement-lime and gypsum-lime mortars. It is also used for coating the gypsum cardboard panels fiber cement panels, and the like. BK-Beton Kontakt is particularly good for smooth concrete surfaces, as well as prefabricated concrete elements, as it considerably increases the surface coarseness, thus improving adhesion of subsequent layers.

It is considered an eco-product not harmful to human health or the environment. It does not contain organic solvents.

3. COMPOSITION

Chemical composition: Aqueous polymer emulsion, water, additives, quartz filler.

Hazardous substances: In accordance with the (EC) Regulation No. 1272/2008 on classification, labelling and packaging of substances and mixtures, through which the CLP/GHS classification and labeling system was introduced into law, this product is not classified as a hazardous product.

4. TECHNICAL CHARACTERISTICS

Density, g/dm (EN ISO 2811-1)	1300-1600
Adhesion to the substrate, MPa (EN ISO 4624)	≥ 1,0
Water absorption kg/m ² h ^{0,5} (EN 1062-3)	0,1-0,5 (Class W ₂ according to the EN 1062-1)
Particle size, μm (EN 1524)	< 1,500 (Class S ₃ according to EN 1062-1)
Viscosity, mPas (EN ISO 2555)	35,000-45,000
Indicative consumption, g/m ²	~500

Packaging, kg	6; 20;
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5. OTHER CHARACTERISTICS

Physical appearance: pink viscous mass

Odor: Specific of polymeric binders

pH value (EN ISO 787-9): 7.5-8.5

Dry matter content (EN ISO 3251), %: ~75

VOC* content, g/l: < 2 (maximum value allowed A (g) 30 g/l)

*VOC: Volatile Organic Compound;

6. SURFACE PREPARATION

The surface to which the primer is applied must be firm, clean, and dry, dusted off, without poorly bound parts, greasy stains, etc. All smooth concrete surfaces (at least one month old), prefabricated concrete elements, gypsum-cardboard panels, OSB panels, firmly bound dispersion spreads, etc. are appropriate. All old, poorly bound coatings must be removed. The area must be appropriately remediated and before the primer is applied. If it is to be applied to mould-infested surfaces, it is necessary to perform disinfection by using BK-Sanacid.

When the surfaces in question have been previously treated with oil-based paints, varnishes, etc, all existing paint coatings must be removed.

7. PREPARATION AND APPLICATION

BK-Beton Kontakt should be well homogenised before use and if necessary diluted with water in small quantities (max. do 1 %, 0.06l /6kg, 0.20l/20kg).The primer is applied, using a brush or a longhaired roller in one layer. Machine application using appropriate equipment is also possible.

Air and surface temperature during installation should be in the +5 °C to +30 °C range. Do not work under direct sunlight, wind, or rain. The drying time in normal conditions (T=+23-25 °C, relative humidity=50-60%) is at least 4 hours, while a complete film resistance is achieved after 7 days.

High moisture and low temperatures may significantly lengthen the drying time.

8. CLEANING THE TOOLS

All tools must be thoroughly washed using water immediately after use. If the tools are not washed immediately after use, remove the hardened residue mechanically. Removal may be easier if the tools are submerged in water over a period of several hours.

9. HANDLING AND STORAGE

No special caution during use is needed when using the product properly. Keep out of reach of children. Store at temperatures between +5 ° C and +25 ° C, protected from direct sunlight and frost. Shelf life: 18 months.

10. PERSONAL PROTECTION

Respiratory tract protection: Not needed when the rooms are well aerated.

Hands and body protection: When the skin is repeatedly exposed to the mass, a preventative use of protection gloves is recommended. Use long-sleeve work overalls.

Eye protection: Use safety goggles as a preventative measure.

11. ECOTOXICOLOGICAL INFORMATION

Based on experiences and information currently available, no negative health effects are known when the product is used appropriately. Prevent uncontrolled discharge into sewage and waterways.

12. STORAGE

In accordance with local/regional/European/national regulations.

13. OTHER INFORMATION

If the contractor notices an aesthetic or application deficiency while using the material, he is obliged to cease the works and notify the manufacturer of this. The manufacturer will consider the claim in the shortest possible time frame. Complaints to the manufacturer upon using a significant portion or the entire amount of the materials are not subject to claims.

14. NOTE

Banja Komerc Bekament DOO performs product quality checks using its own laboratories. It also regularly tests its products in certified laboratories. The Data Sheet is the product of our knowledge and previous practical experience. The purpose of the Data Sheet is to serve as a recommendation in order to achieve the best possible results. If weather and other conditions are different than those described in our instructions, our instructions need to be taken as general guidelines, without an installation warranty.

Banja Komerc Bekament DOO assumes no liability for damages resulting from the improper use or incorrect product selection, as well as for poorly executed work. It is assumed that the contractor has mastered the techniques of installing and use of various products. Matters written herein bind us in no way.

This document replaces all previous versions, which as of the above date of making of this one are considered invalid.

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Previous version: Version 2.4 – 24.12.2021.

Amended chapters: 1 and 4.