

<b>TECHNICAL DATA SHEET</b>	Edition: 2	Version: 0
<b>BK-BET</b>	<b>RZ-TLP-040</b>	<b>Date: December 12 2020</b>

## 1. PRODUCT AND COMPANY INFORMATION

**Commercial product name:** BK-Bet

**Manufacturer:**

Banja Komerc Bekament DOO  
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## 2. DESCRIPTION, FIELD OF APPLICATION

BK-Bet is a high-quality acrylic emulsion dispersion paint used for the decorative protection of horizontal and vertical concrete and other cement surfaces. It is characterized by its excellent waterproof properties and adhesion to cement surfaces. It is also very resistant to wear and tear, UV radiation, and weather. It is not recommended for painting over surfaces which are exposed to high-frequency loads (public garages, malls, storage units, etc.). It is considered an environmentally friendly wall paint not harmful to human health or the environment. It does not contain organic solvents.

## 3. COMPOSITION

**Chemical composition:** Aqueous polymer emulsion, water, additives, pigments, and mineral fillers.

**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

<b>density, g/dm (EN ISO 2811-1)</b>	1,500-1,700
<b>Adhesion, MPa (EN ISO 4624)</b>	≥1.0
<b>Water absorption, kg/(m<sup>2</sup> h<sup>0,5</sup>) (EN 1062-3)</b>	0.1-0.5 (Class W <sub>2</sub> according to EN 1062-1)
<b>Shine, % (EN ISO 2813)</b>	< 5 at an angle of 85° (deep matte according to EN 13300)
<b>Particle size, μm (EN 1524, EN 13300)</b>	< 100 (fine according to EN 13300)
<b>Viscosity, mPas (EN ISO 2555)</b>	8,000-15,000
<b>Vapor permeability (EN ISO 7783-2):</b>	0,14-1,4 (Class V <sub>2</sub> according to EN 1062-1)

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<b>Coating thickness, <math>\mu\text{m}</math> (EN ISO 3233)</b>	100-200 (Class E <sub>3</sub> according to EN 1062-1)
<b>Indicative consumption, g/m<sup>2</sup></b>	~400
<b>Packaging, kg</b>	1; 5;

## 5. OTHER CHARACTERISTICS

**Physical appearance:** Colored viscous liquid

**Odor:** Specific of polymeric binders

**pH value (EN ISO 787-9):** 8-9

**Dry matter content (EN ISO 3251), %:** ~70

**VOC\* content, g/l:** < 1 (maximum allowed value A (c) 40 g/l)

\*VOC: Volatile Organic Compound;

We offer a standard 14 shades. Other shades shown in the BK-Bet color chart are achieved by mixing them with white BK-Bet in ratios 1:1, 1:5, and 1:10, depending on the chosen shade. We do not guarantee absolute repeatability of shades.

## 6. SURFACE PREPARATION

The surface to which the paint is applied must be firm, clean, and dry, without poorly bound parts, greasy stains, etc. All concrete surfaces (at least 1 months old), fiber-cement panels, prefabricated concrete elements, etc. are appropriate. Before application, the surface must be treated with the BK-Grund Universal primer or BK-Bet, diluted with about 25% of water. The primer must be left to dry before applying the paint for at least 12 hours under normal conditions.

When re-painting surfaces infected by wall moulds, disinfect them with BK-Sanacid. When the surfaces in question have been previously treated with oil-based paints, varnishes, etc, a complete removal of all existing spreads must be performed.

## 7. PREPARATION AND APPLICATION

Before use, stir the mass and homogenise the materials from different batches and/or packages and the dilute it with maximum 5% of water (0,05 l for a package of 1 kg, 0,25 l for a package of 5 kg). if needed. The paint is applied using a short-haired roller or brush, most often in two layers. Application of the second layer is done after the first layer is completely dry. In normal conditions (T=+23-25 °C, relative humidity=50-60 %), this takes 4-6 hours. Additional corrections to the paint during the installation (additional dilution, adding pigments, etc.) are prohibited. Work must be even and without interruptions in continuous surfaces so as to avoid any irregularities created due to the adhesion of surfaces, irregular drying, etc.

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. After 6 h of drying under normal conditions (T=+23-25 °C, 50-60 % r.a.h.) the paint is dry to touch, while complete material resistance is achieved after 3 weeks. The resistance to precipitation is achieved after

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minimum 24 h of drying under normal conditions. High moisture and low temperatures may significantly lengthen the drying time.

## 8. MAINTENANCE

Surfaces painted over using BK-Bet are resistant to wear and tear and do not require any particular maintenance. It is recommended that the surface is occasionally dusted off.

Any possible impurities may be removed using warm water and a universal house cleaning supply (laundry detergent/dish soap). After that, rinse the surface using clean water. No cleaning or washing using abrasive products or tools is permitted.

## 9. 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.

## 10. 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.

## 11. 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.

## 12. 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.

## 13. STORAGE

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

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#### 14. OTHER INFORMATION

The color chart was printed on paper. While applying the product onto various surfaces, certain smaller deviations from the color chart may be expected. These deviations are not subject to claims. Certain deviations of the paint in relation to the appropriate shade in the color chart are possible due to the use of natural mineral fillers. The uneven color shading of concrete surface painted over may be the consequence of inappropriate conditions at installation, differences in absorption, and the roughness of the base.

All paint for a single object must be ordered at one time. Banja Komerc Bekament DOO does not guarantee a complete match of shades from various batches. Deviations in terms of tone are not subject to claims.

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.

#### 15. 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. All previous versions, starting with the listed date the document was compiled, are void.

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Amended chapters: 7.