

TECHNICAL DATA SHEET

Issue: 3

Version: 3

BK-POL**RZ-TLP-010****Date: 23.09.2024.****1. PRODUCT AND COMPANY INFORMATION****Commercial product name:** BK-Pol**Manufacturer:**

Banja Komerc Bekament DOO
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Arandelovac
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TDS contact: email: laboratorija@bekament.com**2. DESCRIPTION, FIELD OF APPLICATION**

BK-Pol are high-quality polymer emulsion-based dispersion paints. They are intended for interior use. They have great coverage, vapor permeability and resistant to dry wiping. They are suitable for the decorative protection of interior walls and ceilings in residential and commercial objects, in places where there is no need for a high level of resistance and in places where there are no other specific requests. They are suitable for frequent painting of interior walls. Surfaces painted over are resistant to dry wiping; cleaning using wet cloth is not possible.

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

2. 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

Density, g/dm³ (EN ISO 2811-1)	1,600-1,700
Adhesion, MPa (EN ISO 4624)	≥ 1.0

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Wet wiping resistance, μm (EN ISO 11998)	≥ 70 at 40 cycles (Class 5 according to EN 13300)
Shine, % (EN ISO 2813)	< 5 at an angle of 85° (deep matte according to EN 13300)
Indicative consumption, ml/m^2	~120-180
Packaging, l	1; 3; 5; 10; 15

5. OTHER CHARACTERISTICS

Physical appearance: White or colored viscous liquid

Odor: PK-Pol - specific of polymeric binders

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

Dry matter content (EN ISO 3251), %: ~65

VOC* content, g/l : < 1 (maximum value allowed A (a) 30 g/l)

*VOC: Volatile Organic Compound;

Possibility of choosing over 800 shades according to Bekament's color charts with a limited selection of midtones and pastel colors. Pastel tones may also be made using the BK-Color shading products. We do not guarantee a complete match according to the color charts of other manufacturers, nor do we 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. The following surfaces are appropriate: surfaces smoothed using smoothing masses, as well as surfaces where dispersion colors had taken solid hold. Before painting, the surface must be coated using the primer BK-Podloga. The primer must be left to dry before applying the paint for at least 12 hours.

When the surfaces being repainted have wall mould, they should be disinfected 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

Stir the mass before use and homogenise the materials from different batches and/or packages. After that, dilute the mass with up to 35% of water for the first layer (0,35l for a package 1 l, 1.05 l for a package 3 l; 1.75 l for a package 5 kg; 3.5 l for a package 10 l; 5.25 l for a package 15l) and for the second layer you can dilute up to 25 % of the water (0,25l for a package 1 l, 0,75 l for a package 3 l; 1.25 l for a package 5 kg; 2.5 l for a package 10 l; 3.75 l for a package 15l). The paint is applied mechanically, using a short-haired roller or brush, most often in two layers. Application of the second layer is done after the first

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layer is completely dry. In normal conditions (T=+23-25 °C, relative humidity=50-60 %), this takes 4-6 hours. Additional correction of paint during installation (additional dilution, adding pigments, etc.) are prohibited.

Work must be even and without interruptions in continuous wall 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.

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

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

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shading of a surface painted over may be the consequence of inappropriate conditions at installation, differences in absorption, and the roughness of the base. The appearances of stains on the wall are remediated by painting over the entire surface of the wall. Painting over just one section of the wall is not recommended.

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.

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

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Previous version: Version 3.2 - 14.02.2024.

Amended chapters: 4