

TECHNICAL DATA SHEET	Issue: 1	Version: 3
BK-Pol Protect	RZ-TLP-010	Date: 11.07.2025.
Issued: Jelena Tomković		Approved: Vesna Jovanović

1. PRODUCT AND COMPANY INFORMATION

Trade name of the product:

BK-Pol Protect

Information about the manufacturer:

Banja Komerc Bekament DOO
 Kralja pEtra Prvog 132
 Arandelovac
 tel. 034-6777-500
 fax 034-6777-505

Contact for TDS preparation:

e-mail: laboratorija@bekament.com

2. DESCRIPTION, FIELD OF APPLICATION

BK-Pol Protect is a polymer-emulsion-based dispersion paint with an effective mold protection, intended for indoor use. It provides excellent coverage and vapor permeability. It is recommended for the protection of walls in rooms with high relative humidity and where micro-organisms develop due to condensation. Painted surfaces are resistant to dry wiping, cleaning with a damp cloth is not possible.

It is an organic product that is not harmful to human health and the environment, it does not contain organic solvents.

3. COMPOSITION

Chemical composition: Aqueous emulsion of polymers, water, additives, pigments and mineral fillers.

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

4. TECHNICAL CHARACTERISTICS

Density, g/dm³ (EN ISO 2811-1)	1550-1650
Surface adhesion, MPa (EN ISO 4624)	≥ 1,0
Resistance to wet wiping, μm (EN ISO 11998)	≥ 70 per 40 cycles (class 5 according to EN 13300)
Particle size, μm (EN 1524)	<100 (fine according to EN 1062-1)

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Gloss, % (EN ISO 2813)	<5 at angle of 85° (deep flat according to EN 13300)
Approx. consumption, ml/m²	120-130
Package, ml	3,5 and 10

5. OTHER CHARACTERISTICS

Appearance: White or colored viscous liquid

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

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

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

*VOC: Volatile Organic Compound;

Tinting is possible in over 500 shades according to Bekament color charts with a limited choice of colors to medium and pastel tones. Pastel tones can also be obtained by using BK-Color and BK-Fas Color tinting agents. We do not guarantee full matching with shades from color charts of other manufacturers, as well as for complete reproducibility of shades.

6. SUBSTRATE

The surface to which paint is applied must be solid, clean and dry, with no loose parts, free of oil stains and similar. Suitable substrates are all surfaces smoothed with smoothing mortar, as well as surfaces with well-bound dispersion paints. Substrate should be coated with BK-Primer before applying paint. Substrate drying time before applying paint should be at least 12h.

In case of painting over the surfaces infected with wall mold, it is necessary to disinfect with BK-Sanicide or BK-SaniCid Ekspres. In case of painting of surfaces already painted with oil paints, varnishes, etc. complete removal of existing coatings is necessary.

7. PREPARATION AND APPLICATION

Before use, it is necessary to mix the mass and homogenize the material from different batches and/or packages, and then dilute the paint by adding water up to 35% for the first layer (1.05 l for a 3-liter package; 1.75 l for a 5-liter package; 3.5 l for a 10-liter package), while the second layer can be diluted up to 25% (0.75 l for a 3-liter package; 1.25 l for a 5-liter package; 2.5 l for packaging 10 l). When diluting the paint with water, the coverage of the paint is reduced! The paint is applied with a short-haired roller or brush, usually in two layers. The second layer is applied after the first layer has completely dried, which under normal conditions (T=+23-25 °C, relative 50-60% r.h.v.) requires 4-6

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h. Subsequent color corrections during installation (additional thinning, addition of pigment, etc.) are not allowed.

It is necessary to work evenly and without interruption on continuous wall surfaces in order to avoid unevenness caused by the joining of surfaces, uneven drying, etc. The air and substrate temperature during installation should be in the range of +5 °C to +30 °C.

8. CLEANING THE TOOLS

The tool should be thoroughly washed with water immediately after use. If the tool is not washed immediately after use, mechanically remove any hardened residues. Removal can be facilitated by immersing the tool in water for several hours.

9. HANDLING AND STORAGE

If applied properly, there are no special precautions necessary for handling. Keep out of the reach of children.

Store at temperatures from +5°C to +25°C, protected from direct sunlight and frost.

Shelf life: 18 months.

10. PERSONAL PROTECTION

Respiratory protection: Not necessary if rooms are properly ventilated.

Hand and body protection: Preventive use of protective gloves is recommended in case of repeated skin contact. Use a work suit with long sleeves and long legs.

Eye protection: Wear safety goggles.

11. ECOTOXICOLOGICAL INFORMATION

Based on experience and existing information, no harmful health effects are known in case of proper use. Prevent uncontrolled discharge into drains and watercourses.

12. STORAGE

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

13. OTHER INFORMATION

The color chart is prepared on paper, so when applying the product on different surfaces, small deviations of shades can be expected from the color chart, which cannot be subject of complaint. Some deviations of the color shade from the corresponding shade in the color chart are possible due to the use of natural mineral fillers. The unevenness of the shades on the painted surface may be due to inadequate installation conditions, different

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absorption and roughness of the substrate. Irregularities on the wall in the form of 'stains' are remedied by repainting the entire surface of the wall. Additional painting of only one part of the wall is not recommended.

Banja Komerc Bekament DOO does not guarantee full matching of shades from different batches, deviations in tone cannot be the subject of complaint.

If the contractor notices any aesthetic or application-related deficiency, it shall cease the works and notify the manufacturer thereof, who shall take the remarks into consideration in the shortest possible timeframe. Remarks, concerning the above characteristics, sent to the manufacturer after incorporation of a significant portion or the entire quantity of the material, cannot be the subject of a remark.

14. NOTE

Banja Komerc Bekament DOO performs product quality checks using its own laboratories, and also regularly tests its products in certified laboratories. The Data Sheet is the product of our knowledge and previous practical experience and it should serve to all users as a recommendation for achieving 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 selection of product, as well as for poorly executed works. It is assumed that the contractor has mastered the techniques of incorporation and use of various products.

Matters written herein bind us in no way.

This document replaces all previous versions which, starting from the stated date, are considered invalid.

Date of preparation: 11.07.2025.

Previous versions: 1.2 – 24.12.2021.

Changed chapters: 4 and 7.