

## 1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

### Trade name of the product:

BK-Pol Protect

### Information about the manufacturer:

Banja Komerc Bekament DOO

Kralja pEtra Prvog 132

Arandelovac

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### Contact for TDS preparation:

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## 2. DESCRIPTION AND SCOPE 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 SPECIFICATIONS

<b>Density, g/dm<sup>3</sup> (EN ISO 2811-1)</b>	1550-1650
<b>Surface adhesion, MPa (EN ISO 4624)</b>	≥ 1,0
<b>Resistance to wet wiping, μm (EN ISO 11998)</b>	≥ 70 per 40 cycles (class 5 according to EN 13300)
<b>Particle size, μm (EN 1524)</b>	<100 (fine according to EN 1062-1)

<b>Gloss, % (EN ISO 2813)</b>	<5 at angle of 85° (deep flat according to EN 13300)
<b>Coverage (EN 6504-3)</b>	class 2 for 6m <sup>2</sup> /l (according to EN 13300)
<b>Viscosity, mPAS (EN ISO 2555)</b>	45000-55000
<b>Approx. consumption, ml/m<sup>2</sup></b>	120-130
<b>Package, ml</b>	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 APPLYING

Before application be sure to mix thoroughly to achieve homogenization of material from different batches and/or packages and then dilute the paint with 15-20% of water. Application is performed using a short-hair roller or brush, most often in two layers. Application of second layer is performed after the first layer has completely dried, which in normal conditions (T=+23-25°C and 50-60% of rel. hum.) requires 4-6 h. Subsequent color corrections during installation (additional dilution, pigment addition, etc.) are not permitted.

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

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## 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. DISPOSAL METHOD

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 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.

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