

TECHNICAL DATA SHEET

Revision:2

Version:0

BK-Delux Matt**RZ-TLP-154****Date: 13.07.2023.****Prepared by:** Mirjana Savić**Approved by:** Vesna Jovanović**1. PRODUCT AND COMPANY IDENTIFICATION****Commercial name of the product:**

Delux Matt

Manufacturer information:

Banja Komerc Bekament DOO

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2. DESCRIPTION AND SCOPE OF APPLICATION

BK-Delux is a washable, high-whiteness dispersion paint made on the basis of high-quality acrylic emulsion, intended for indoor use. It has excellent resistance to abrasion, spillage and covering power. It is applicable for decorative protection of interior wall and ceiling surfaces in residential, business and public buildings, as well as where there is a need for occasional cleaning of wall surfaces.

It is classified as ecological wall paints not harmful to human health and the environment, not containing organic solvents.

3. COMPOSITION

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

Hazardous ingredients: In accordance with Regulation (EC) No 1272/2008 on classification, packaging and labeling of hazardous substances and mixtures, which legally introduces the CLP/GHS classification and labeling system, this product is not classified as hazardous.

4. TECHNICAL CHARACTERISTICS

Density, g/dm³ (EN ISO 2811-1)	1400-1550
Particle size, µm (EN ISO 1524)	< 100
Gloss, % (EN ISO 2813)	< 5 at 85° (matte according to EN 13300)
Wet scrub resistance, µm (EN ISO 11998)	< 5 at 200 cycles (Class 1 according to EN

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	13300)
Coverage (EN 6504-3)	class 1 at 12 m ² / l (according to EN 13300)
Viscosity, mPas (EN ISO 2555)	10000-20000
Adhesion, MPa (EN ISO 4624)	≥ 1,0
Approximate consumption, ml/m²	~ 100
Packaging, l	1; 2,5; 5; 10;

5. OTHER PROPERTIES

Appearance: White or colored viscous liquid

Odor: Specific to polymer binder

pH value (EN ISO 787-9): 8,5-9,5

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

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

Possibility of shading in over 1700 shades. We do not guarantee for complete matching according to the shades of tone charts from other manufacturers, as well as for complete reproducibility of shades.

6. SUBSTRATE

The substrate on which the paint is applied must be firm, clean and dry, without loose joints, greasy stains, etc. Suitable substrates are all surfaces smoothed with quality leveling compounds, as well as surfaces with well-accepted dispersion paints. The substrate must be coated with BK-Substrate before painting. The drying time of the substrate before applying the paint is min. 12 h.

In case of painting surfaces infected with wall mold, it is necessary to disinfect with BK-Sanacid or BK-SaniCid Express. In case of painting surfaces painted with oil paints, varnishes, etc. it is necessary to completely remove the existing coatings.

7. PREPARATION AND APPLICATION

Before use, it is necessary to mix the mass and homogenize material from different batches and/or packages and then, if necessary, dilute with water. The recommendation is a 10% dilution. The paint is applied with a short-haired roller and, if necessary, with brush or by spraying, usually in two layers. The paint is applied with a roller with a coating of natural or synthetic fibre, most often made of polyamide or microfiber, where the length of the fibre should be 12 to 18 mm.

If necessary, it can be applied with a paintbrush suitable for applying paints based on aqueous dispersions. If applied by machine, the use of 0.015" nozzles is recommended,

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the width of the application depends on the type and power of the machine for machine application.

The paint is applied with a roller with a coating of natural or synthetic fibre, most often made of polyamide or microfiber, where the length of the fibre should be 12 to 18 mm. If necessary, it can be applied with a paintbrush suitable for applying paints based on aqueous dispersions. If applied by machine, the use of 0.015" nozzles is recommended, the width of the application depends on the type and power of the machine for machine application.

When applying paint to wall surfaces, first paint the less accessible surfaces (door frame headers, corners, grooves) with a suitable paintbrush or a smaller paint roller. After that, start painting the entire wall surface without interruption from one edge to the other to avoid unevenness that occurs due to joining surfaces, uneven drying, etc. When applying paint to wall surfaces, first paint the less accessible surfaces (door frame headers, corners, grooves) with a suitable paintbrush or a smaller paint roller. After that, start painting the entire wall surface without interruption from one edge to the other to avoid unevenness that occurs due to joining surfaces, uneven drying, etc.

Due to high covering power, only one layer is usually sufficient when repainting less soiled surfaces. The application of the second layer is done after complete drying of the first one, which under normal conditions ($T=+23-25\text{ }^{\circ}\text{C}$, relative humidity = 50-60%) takes 4-6 h. Subsequent paint corrections during installation (additional dilution, addition of pigment, etc.) are not allowed.

It is necessary to work evenly and without interruptions on continuous wall surfaces in order to avoid unevenness that occurs due to joining surfaces, uneven drying, etc.

The air and substrate temperature during installation should be in the range of $+5\text{ }^{\circ}\text{C}$ to $+30\text{ }^{\circ}\text{C}$. The paint is dry to touch after 4-6 hours, depending on conditions, while the complete resistance of the film is achieved after 3 weeks.

Painted surfaces are resistant to cleaning with mild, diluted household detergents. Surface impurities can be removed by light washing with a sponge immersed in a solution of warm water and a universal household cleaner (laundry/dishes detergent). Intensive cleaning and washing with concentrated agents and abrasive sponges is not allowed.

8. CLEANING OF TOOLS

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

9. HANDLING AND STORAGE

No special handling precautions are required for proper application. Keep out of reach of children.

Store at temperatures from $+5\text{ }^{\circ}\text{C}$ to $+25\text{ }^{\circ}\text{C}$, protected from direct sunlight and frost.

Shelf life: 36 months.

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Respiratory protection: Not required for well-ventilated areas.

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

Eye protection: Wear safety goggles as a precaution.

11. ECOTOXICOLOGICAL INFORMATION

Based on experience and existing information, no adverse health effects are known when used properly. Prevent uncontrolled discharge into sewers and watercourses.

12. DISPOSAL CONSIDERATIONS

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

13. OTHER INFORMATION

The tone chart is made on paper, so when applying the product on different surfaces, minor deviations of shades from the tone chart can be expected, which cannot be the subject of a complaint. Certain deviations of the color shade in relation to the corresponding shade in the tone chart are possible due to the use of natural mineral fillers. Uneven shade of the painted surface can be a consequence of inappropriate installation conditions, different absorbency and substrate roughness. The appearance of irregularities on the wall in the form of 'staining' is repaired by painting the entire surface of the wall. Repainting only one part of the wall is not recommended.

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

If the painter notices any aesthetic or application defect during the installation of the material, he/she is obliged to suspend the works and inform the manufacturer, who will start considering the complaint as soon as possible. Complaints addressed to the manufacturer after the installation of a major part or a complete quantity of material related to the stated properties, cannot be the subject of a complaint.

14. NOTE

Banja Komerc Bekament DOO performs product control through its own laboratories, as well as regular testing in certified laboratories. The technical data sheet is a product of our knowledge and previous practical experiences, and should be used as a recommendation for all users to achieve the best results. If the weather and other conditions are different from the ones referred to in our instructions, it is necessary to take our instructions as general guidelines, without any guarantee for installation.

Banja Komerc Bekament DOO shall not take any responsibility for damage caused by improper use or incorrect selection of products, as well as for poor quality of works. It is assumed that the painter has mastered the techniques of installation and use of various products.

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We are not obliged by the above in any manner.

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Modified sections: 1 and 4