

TECHNICAL DATA SHEET	Edition: 2	Version: 1
BK-DEKOR	RZ-TLP-030-01	Date: 09.08.2023.

1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

Commercial product name: BK-Dekor

Information on the manufacturer:

Banja Komerc Bekament DOO
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2. DESCRIPTION AND SCOPE OF APPLICATION

BK-Dekor is a mineral powder mortar intended for the protection and decoration of interior wall surfaces (the so-called material for the Spanish wall). It can also be used as the first coat for smoothing of internal base coarse mortars due to the possibility of thicker coating in one layer.

3. COMPOSITION

Chemical composition: White cement, polymer binder, micro fibres, additives, mineral fillers.

Hazardous substances: In accordance with the (EC) Regulation No. 1272/2008 on classification, labelling and packaging of hazardous substances and mixtures, through which the CLP/GHS classification and labelling system was lawfully introduced, white Portland cement and lime are hazardous substances, so the product is therefore classified as hazardous, and labelled with: Hazard.

4. TECHNICAL CHARACTERISTICS

Bulk density, g/dm³	800-1000
Hardened product density, g/dm³ (EN 1015-10)	1100-1300
Heat conductivity-$\lambda_{10^{\circ}\text{C dry}}$, W/mK (EN 1745 Table A.12)	0,39
Capillary water absorption coefficient, kg/m² min^{0,5} (EN 1015-18)	≤ 0.2 Class Wc2 according to EN 998-1
Compressive strength after 28 d, MPa (EN 1015-11)	≥ 2.0 Class CS II according to EN 998-1
Flexural strength after 28 d, MPa (EN 1015-11)	≥ 1.2
Adhesion to concrete substrate, MPa (EN 1015-12)	≥ 0.3
Indicative consumption, kg/m²	~2-3

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Packaging, kg	25;
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5. OTHER CHARACTERISTICS

Physical appearance: White powder

Wet adhesion pH value: 11-13

BK-Dekor is produced exclusively in white and is not intended for shading using Bekament shading agents. Due to the high pH value of the mineral mortar, in the event of its shading, colour unevenness may occur on the facade surface, which is manifested as colourful appearance and distinctive and/or irregular discoloration of mortar over time.

The subsequent painting of the mineral mortar can be done by painting with dispersion paints on an acrylic or silicate basis, in a limited choice of shades, with the necessary application of the appropriate primer. The optimum drying time of the mineral mortar, for the best results in terms of colouring, is 28 days.

6. SUBSTRATE

The substrate to which the mortar is applied must be firm, clean, and dry, without poorly bound parts, greasy stains, etc. The following surfaces are appropriate: cement-lime and gypsum-lime mortars (at least one month old), concrete surfaces (at least one month old), surfaces with construction adhesive finish, fibre-cement and gypsum-cardboard boards, as well as surfaces with well set dispersion paints insoluble in water. Before applying the product the substrate should be dedusted and in case of more intensive dusting and high absorption, coat with BK-Podloga.

When levelling surfaces painted with oily paints, varnishes and the like, it is necessary to completely remove the existing coatings.

7. PREPARATION AND APPLICATION

Preparation of the product is performed by lightly adding the powder into about 38-40 % of water (9.5-10 l of water to 25 kg of powder), with constant stirring using an electric blender until the mass becomes fully homogenized. The mass must be left to set for at least 10 minutes. After that, stir yet again and, if needed, add water in order to set the appropriate adhesive consistency.

The product is applied manually by stainless metal trowel in the thickness of 1 to 3 mm depending on the desired structure and processing technique. The thinner layer allows the finer structure to be obtained while the thicker coating results in more coarse surface. The surface with freshly applied product is processed using a roller that is soaked into the freshly prepared product before processing (the type of roller depends also on the desired structure). Material processing is also possible with other tools such as sponge, brush and special types of relief rollers.

Use the prepared material within 4 h.

Air and substrate temperature during the installation should be in the range of +5 °C to +30 °C. After 6 h of drying at normal conditions (T=+23-25 °C, 50-60 % r.h.) the mortar

is dry when touched, while full resistance of the material is achieved after 3 weeks. High humidity and low temperatures may prolong the mortar setting time.

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.

9. HANDLING AND STORAGE

The material must be transported in sealed bags. If the product is used in closed rooms, make sure the space is well ventilated. Protect your eyes and skin when working with wet adhesive due to an alkaline reaction.

Store the material in dry rooms, on pallets, protected from moisture.

Shelf life: 12 months.

10. PERSONAL PROTECTION

Respiratory protection: In case the process causes excessive dust, use a protective mask.

Hands and body protection: Use safety gloves preventively and overalls with long sleeves and long legs.

Eye protection: Use safety goggles in order to protect the eyes from the dust and wet adhesive.

11. INFORMATION ON REGULATION

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Hazard

Skin irritation, Category 2: H315

Skin sensitization, Category 1: H317

Serious eye damage, Category 1: H318

Specific target organ toxicity - one-time exposure, irritation of respiratory organs, Category 3: H335

H-statements:

H315 Causes skin irritation.

H317 May cause an allergic skin reaction

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

P-statements:

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P302+P352 IF ON SKIN: Wash with plenty of water.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P304+P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

12. ECOTOXICOLOGICAL INFORMATION

Based on experiences and information currently available, no negative health effects are known when the product is used properly. Prevent uncontrolled discharge into sewage and waterways.

13. DISPOSAL METHOD

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

14. OTHER INFORMATION

Certain deviations from the shade of mortar from different batches are possible due to the use of natural mineral fillers. The total quantity of mortar for one object must be ordered at once. If a plaster from different batches is used on a single facade surface, it is necessary to carry out an equalization to avoid material unevenness.

Banja Komerc Bekament DOO does not guarantee full matching of plaster from different batches, deviations in shade cannot be subject to reclamation.

If the contractor notices an aesthetic or application deficiency while using the material, he is obliged to cease the works and notify the manufacturer thereof, who shall take the remarks into consideration in the shortest possible time frame. Remarks sent to the manufacturer after incorporation of a significant portion or the entire quantity of the material, cannot be the subject of complaint.

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 and it should serve to all users 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 selection of product, as well as for poorly executed works. It

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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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Previous version: 2.0 – 24.12.2021.

Changed chapters: 1.