

TECHNICAL DATA SHEET	Issue: 2	Version: 2
BK-GLETEx UNIVERSAL	RZ-TLP-031	Date: 29.03.2023

1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

Product commercial name: BK-GletEx Universal

Manufacturer:

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2. DESCRIPTION AND FIELD OF APPLICATION

BK-GletEx Universal is a powdery dispersion mass used for thin-layer leveling of internal wall surfaces, total width of up to 3 mm. It is used for manual and machine application. This type of plaster is particularly good when it comes to preparing the surface for painting using quality dispersion paints, as well as when the surface is painted in deep tones since it is not an aggressive base to the pigments.

3. COMPOSITION

Chemical composition: Polymer binder, additives, mineral filler.

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

Bulk density, g/dm³ (EN ISO 1097-3)	700-900
Adhesion to the surface, MPa (EN ISO 1542)	> 0,3
Thickness of the coating, mm	1-1,5 mm per coating max. 3 mm total thickness
Vapor permeability, m (EN ISO 7783-2)	< 0,14 (class V1 high vapor permeability)
Water absorption kg/m² h⁰, (EN 1062-3)	0,1-0,5 (klasa W ₁ high water absorption)
Thermal conductivity, λ_{10, dry}	0,78

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Particle size, µm (EN 1524)	< 100 (fine according to EN 13300)
Indicative consumption, kg/m²	~1,5-2 for two layers
Packaging, kg	25;

5. OTHER CHARACTERISTICS

Physical appearance: White powder
pH value of the wet plaster mass: 9-11

6. BASIS

The basis to which the mass 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), fibre cement and gypsum-cardboard panels, as well as surfaces with non-soluble dispersion paints which have taken solid hold. In the case of application on quality mineral surfaces, as well as on well-accepted dispersion paints, the substrate must be coated with BK-Ultra Prime in order to achieve better acceptance of the smoothing mass. In case the surfaces are highly absorbent, it must be impregnated using BK-Nivelator. In the case of surfaces that peel, wear and / or dust, it is necessary to remove all loose bonds and then impregnate the BK-Penetrat substrate.

In the case of smoothing surfaces infected with wall mould, it is necessary to disinfect with BK-Sanacid. While uniforming surfaces that have been previously treated with oil-based paints, varnishes, etc, a complete removal of all existing spreads must be performed.

7. PREPARATION AND APPLICATION

Preparation of the mass is performed by lightly adding the powder into about 37% of water (9.0-9.5 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 30 minutes. After that, stir yet again and, if needed, add slightly more water in order to set the appropriate consistency.

The mass is applied by hand, using a stainless metal trowel or using appropriate machine equipment. Application is typically performed in two layers, each 1-2 mm thick. The total thickness for a two-layer coating shall not exceed a maximum of 3 mm. Application of the second layer is done after the first layer is completely dry. In normal conditions (T=+23-25 °C, relative humidity=50-60 %), this take about 6 hours. Before applying the second layer, the first layer must be sanded off using fine sanding paper either manually or using a machine (choose the appropriate sanding paper, 180 to 240 fineness factor, depending on the technique and purpose). The same process must be applied with the final layer.

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Air and basis temperature during installation should be in the +5 °C to +30 °C range. Mass prepared in such a manner is good for use for at least 3 days. In order to prevent the creation of a crust, cover the surface with a small amount of water. Drain the water and restir the mass before continuing with installation. When working under high temperatures, please be aware that microorganisms may develop inside the mass.

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 mechanical residue. Removal may be easier if the tools are submerged in water over a period of several hours.

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 plaster mass due to an alkaline reaction.

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

Shelf life: 12 months.

10. PERSONAL PROTECTION

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

Hands and body protection: Use protective gloves and long-sleeve work overalls as a preventative measure.

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

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

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

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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.

Banka 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, which as of the above date of making of this one are considered invalid.

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Amendments Chapters: 4.