

## 1. PRODUCT AND COMPANY INFORMATION

**Product commercial name:** BK-GletEx Premium

**Manufacturer:**

Banja Komerc Bekament DOO  
34304 Banja  
Arandelovac  
tel. 034-6777-500  
fax. 034-6777-505  
e-mail: komercijala@bekament.com

**TDS contact:** email: laboratorija@bekament.com

## 2. DESCRIPTION, FIELD OF APPLICATION

BK-GletEx Premium is a powdery mineral-based skim coat mass used for smoothing out wall surfaces in the internal environment. Due to the possibility of applying it in thicker layers, this plaster mass is very suitable for smoothing out rougher walls that have already been treated with cement-lime, lime, and gypsum-lime mortars, as well as concrete walls and gypsum-cardboard panels. Used for application in a total thickness of up to 6 mm.

## 3. COMPOSITION

**Chemical composition:** Calcium hydroxide, polymer binder, additives, mineral fillers.

**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, lime is a hazardous substance. The product is therefore classified a hazardous one with the following label: Hazard.

## 4. TECHNICAL CHARACTERISTICS

|  |   |
|--|---|
| <b>Bulk density, g/dm</b>  | 800-900   |
| <b>Adhesion, MPa (EN 1015-12)</b>  | >0,5  |
| <b>Compressive strength after 28 d, MPa (EN 1015-11)</b>                               | 1.5-5.0 (Class CS II according to EN 998-1)       |
| <b>Flexural strength after 28 d, MPa (EN 1015-11)</b>                                  | >1,0  |
| <b>Capillary water absorption-c, kg/(m<sup>2</sup> min<sup>0,5</sup>) (EN 1015-18)</b> | ≤0,2 (Class W <sub>2</sub> according to EN 998-1) |
| <b>Heat conductivity-λ<sub>10°C dry</sub>, W/m.K (EN 1745 Table A.12)</b>              | 0.36  |

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|  |       |
|--|-------|
| <b>Hardened plaster density, g/dm<sup>3</sup> (EN 1015-10)</b> | 1,250 |
|--|-------|

|   |   |
|---|---|
| <b>Thickness of the coating, mm</b>             | Max. 2mm per coating<br>max. 6 mm for a two-layer coating |
| <b>Indicative consumption, kg/m<sup>2</sup></b> | ~1,0  |
| <b>Packaging, kg</b>                            | 25  |

## 5. OTHER CHARACTERISTICS

**Physical appearance:** White powder

**pH value of the fresh plaster mass:** 11-13

Due to the specific composition, the plaster mass may act aggressively during subsequent applications of dispersion paints. It is therefore recommended to apply the BK-Podloga before painting.

## 6. SURFACE PREPARATION

The surface 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), fiber-cement and gypsum-cardboard panels, as well as surfaces with non-permeable dispersion paints which have taken solid hold. In the case of application on quality mineral surfaces, as well as on well-accepted dispersion paints, it is first necessary to apply the BK-Ultra Prime substrate, in order to achieve better adhesion of the smoothing mass. In case the surface is excessively absorbent, impregnation using BK-Nivelator is recommended. In the case of surfaces that peel, wear and / or dust, it is necessary to remove all loose bonds and then impregnate the substrate with BK-Penetrat.

In the case of smoothing surfaces that are infected with wall mold, it is necessary to disinfect with BK-Sanacid. While uniforming surfaces in question that have been previously treated with alkyd-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 40 % of water (about 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

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least 10 minutes. After that, stir yet again and, if needed, add slightly more water in order to set the appropriate consistency.

The mass is applied manually using a stainless metal trowel. Application is typically performed in two layers, each 2-3 mm thick, total thickness of up to 6 mm for a two-layer coating. 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 takes 6-8 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.

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 to 4 days. In order to prevent the creation of a crust, cover the surface with a small amount of water. Drain the water and re-stir the mass before continuing with installation.

## 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.

## 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 safety gloves. Wash hands using water each time the work is interrupted. Use long-sleeve work overalls.

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

## 11. REGULATION INFORMATION

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, lime is a hazardous substance. The product is therefore classified a hazardous one with the following label: Hazard

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Hazard

Skin irritation, Category 2  
Heavy eye damage, Category 1

**H-labels:**

H315 Causes skin irritation.

H318 Causes serious eye damage.

**P-labels:**

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: Seek medical advice/opinion.

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

## 12. 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.

## 13. STORAGE

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

## 14. 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 manufacturer upon using a significant portion or the entire amount of the materials are not subject to claims.

## 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. 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.

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Banja Komerc Bekament d.o.o., Banja / 34304 Arandelovac | [www.bekament.com](http://www.bekament.com)

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Banja 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. All previous versions, starting with the listed

date the document was compiled, are void.

Date: 12.02.2013.

Previous version: 2.0-16.7.2019.

Amendments: Chapters: 7.