

TECHNICAL DATA SHEET	Edition: 2	Version: 4
BK-GLETEx ACRYL	RZ-TLP-023-01	Date: 09.08.2023.

1. PRODUCT AND COMPANY INFORMATION

Product commercial name: BK-GletEx Acryl

Manufacturer:

Banja Komerc Bekament DOO
 Kralja Petra Prvog 132
 Arandelovac
 tel. 034-6777-500
 fax. 034-6777-505

TDS contact: email: laboratorija@bekament.com

2. DESCRIPTION, FIELD OF APPLICATION

BK-GletEx Acryl is a pasty ready-mix acrylic-based skim coat used for machine and manual leveling of internal wall surfaces in thin layers, total width of <3 mm. This type of skim coat 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 does not represent an aggressive base to the pigments. Previously plastered surfaces are characterized by exquisite whiteness after drying off. It may be used as a final coating when plastering using mineral-based plasters.

3. COMPOSITION

Chemical composition: Aqueous polymer emulsion, 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, this product is not classified as a hazardous product.

4. TECHNICAL CHARACTERISTICS

Density, g/dm (EN ISO 1097-3)	1,600-1,700
Adhesion, MPa (EN ISO 1542)	> 0,3
Thickness of the coating, mm	1-1,5 per coating total width max. 3 mm
Particle size, µm (EN 1524)	< 100 (fine according to EN 13300)
Vapor permeability, g/(m² d)	> 0.14 Class V1 highly permeable to vapor)
Water absorption, kg/(m² h^{0,5}) (EN 1062-3)	> 0.5 (Class W1 me highly absorption)
Heat conductivity, λ_{10, dry}	0.75

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Viscosity, mPas (EN ISO 2555)	120,000-140,000
Consumption, kg/m²	~1.5-2 for a two-layered coating
Packaging, kg	3; 8; 25;

5. OTHER CHARACTERISTICS

Physical appearance: White pasty mass

Odor: Specific of polymeric binders

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

Dry matter content (EN ISO 3251), %: ~80

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

*VOC: Volatile Organic Compound;

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), non-problematic concrete surfaces (at least one month old), surfaces smoothed out with mineral-based plasters, fiber-cement and gypsum-cardboard pannels, as well as surfaces with non-soluble dispersion paints which have taken solid hold. The surface must be previously coated in BK-Podloga so the product better sticks. In case the surface is excessively absorbent, impregnation using BK-Nivelator may also be performed. 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 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

BK-GletEx Acryl is a mass ready to be directly applied. The mass must be mixed well before used. If the need arises to adjust the working consistency of the product, up to 1% water may be added.

The mass is applied by hand, using a stainless metal trowel or using mechanical "airless" machines for application. The size of the nozzle and the working pressure are determined according to the recommendation of the manufacturer of the equipment for applying the skimming mass. Application is typically performed in two layers, each 1-1.5 mm thick, total thickness of up to 3 mm for a two-layer coating. Stainless metal trowel or other similar useful tools are used for spreading and fitting the mass into the said surfaces. 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. The drying

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time in normal conditions is 48 hours until sanding. Sanding is performed manually or using a machine (choose the appropriate sanding paper, 180 to 240 fineness, depending on the technique and purpose). Air and basis temperature during installation should be in the +5 °C to +30 °C range.

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.

9. HANDLING AND STORAGE

No special caution during use is needed when using the product properly. Keep out of reach of children.

Store at temperatures between +5 ° C and +25 ° C, protected from direct sunlight and frost.

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 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.

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.

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Amended chapters: 1.