

## 1. PRODUCT AND COMPANY INFORMATION

**Commercial product name:** BK-GletEx S Acryl

**Manufacturer:**

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## 2. DESCRIPTION, FIELD OF APPLICATION

BK-GletEx S Acryl is a pasty, acrylic-based skim coat mass with microfibers used for machine and manual leveling of external wall surfaces in thin layers, total width max. 3 mm. This type of plaster is particularly good when it comes to preparing the surface for painting using quality facade dispersion paints, as well as when the surface is painted in deep tones since it is not 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:** Polymer emulsion, 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

Density, g/dm <sup>3</sup> (EN ISO 1097-3)	1600-1700
Adhesion, MPa (EN ISO 1542)	> 0,3
Thickness of the coating	1-1,5 mm per coat max. 3 mm fot total thickness
Partickle size, µm (EN 1524)	< 100 (fine according to EN 13300)
Vapor permeability, m (EN ISO 7783-2)	≥0,14; < 0,14 (class V2 medium vapor

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	permeability)
<b>Water absorption, kg/(m<sup>2</sup> h<sup>0,5</sup>) (EN 1062-3)</b>	≤ 0,5 (class W <sub>2</sub> medium water permeability)
<b>Thermal conductivity, λ<sub>10, dry</sub></b>	0,75
<b>Viscosity, mPas (EN ISO 2555)</b>	120000-140000
<b>Consumption, kg/m<sup>2</sup></b>	~1,5-2 for two layers
<b>Packaging, kg</b>	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), concrete surfaces (at least three months old), surfaces smoothed out with mineral-based plasters, fiber-cement panels, as well as surfaces with non-soluble dispersion paints which have taken solid hold. In case of application to quality mineral surfaces, as well as to well-bonded dispersion paints, BK-Ultra Prime should be applied to the surface first, to ensure better bonding of the skimming compound. In case the surfaces are highly absorbent, it must be impregnated using primer BK-Nivelator. In case of surfaces which are peeling, chipping and/or crumbling, it is necessary to remove all layers which are poorly bonded, and then impregnate the surface with BK-Penetrat.

In case of skimming the mould-infested surfaces, it is necessary to disinfect them by using BK-Sanacid. While uniforming surfaces in question 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**

BK-GletEx S Acryl is a mass ready to be directly applied. Before use, the mass should be stirred and as needed, up to 1-2% of water could be added to adjust the working consistency. This is the case mainly with machine application.

The mass is applied by hand, using a stainless metal trowel or mechanically by using "airless" machines for application. Application is typically performed in two layers, each 1-1.5 mm thick. The total thickness for a two-layer coating shall not exceed a maximum

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of 3 mm. For spreading and levelling the applied mass over the surfaces, a stainless metal trowel is also used. Application of the second layer is done after the first layer is completely dry. In normal conditions ( $T=+23-25\text{ }^{\circ}\text{C}$ , relative humidity=50-60 %), this takes 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 factors, depending on the technique and purpose). The same process must be applied with the final layer.

Air and surface temperature during installation should be in the  $+5\text{ }^{\circ}\text{C}$  to  $+30\text{ }^{\circ}\text{C}$  range. Do not work under direct sunlight, wind, or rain. Drying time in normal conditions before grinding amounts to 24 h. High moisture and low temperatures may significantly lengthen the drying 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. Removal may be easier if the tools are submerged in water over a period of several hours.

**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  $+5\text{ }^{\circ}\text{C}$  and  $+25\text{ }^{\circ}\text{C}$ , protected from direct sunlight and frost.

Shelf life: 12 months.

**10. PERSONAL PROTECTION**

Respiratory tract protection: Not needed when the rooms are well aerated.

Hands and body protection: When the skin is repeatedly exposed to the mass, a preventative use of protection gloves is recommended. Use long-sleeve work overalls.

Eye protection: Use safety goggles as a preventative measure.

**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.

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### 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, which as of the above date of making of this one is considered invalid.

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Amended chapters: 4.