

PRODUCT DATA SHEET	Issue: 1	Version: 1
BK- GletEx Nivelex	RZ-TLP-155	Date: December 8, 2020
Prepared by: Mirjana Savić	Approved by: Biljana Kamaljević	

1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

Trade name of the product: BK- GletEx Nivelex

Details about the manufacturer:

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

Contact for TDS preparation: e-mail: laboratorija@bekament.com

2. DESCRIPTION AND SCOPE

BK-GletEx Nivelex is a paste compound designed for machine and manual thin-layered leveling of interior wall surfaces, with a total layer thickness of up to 3 mm. Suitable for the preparation of surfaces for painting with dispersion paints such as BK Pol, BK Pol Protect or BK Gold, as well as in the case of painting with deep colors, as it does not represent an aggressive base for pigments. It can also be used as a finishing layer for mineral-based leveling compounds.

3. COMPOSITION

Chemical composition: Aqueous emulsion of polymers, additives and mineral fillers.

Hazardous ingredients: In accordance with Regulation (EC) No 1272/2008 on the classification, packaging and labelling of hazardous substances and mixtures, which has, by the virtue of law, introduced a CLP/GHS classification and labelling system, this product is not classified as hazardous product.

4. TECHNICAL CHARACTERISTICS

Density, g/dm³ (EN ISO 1097-3)	1700-1800
Surface adhesion, MPa (EN ISO 1542)	> 0.3
Application thickness	1-1.5 mm for individual coat total thickness max. 3 mm
Particle size, µm (EN 1524)	< 100 (fine according to EN 13300)
Vapor permeability, m (EN ISO 7783-2)	< 0.14 (class V ₁ , high vapor permeability)
Water absorption, kg/(m² h^{0.5}) (EN 1062-3)	> 0.5 (class W ₁ high water absorption)
Thermal conductivity, λ_{10, dry}	0.75

Viscosity, mPas (EN ISO 2555)	120000-150000
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Consumption, kg/m²	~1.5-2 for two-coat application
Package, kg	25;

5. OTHER CHARACTERISTICS

Appearance: Paste compound

Odor: Specific for polymer binder

pH value (EN ISO 787-9): 9-10

Dry substance content (EN ISO 3251), %: ~75

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

*VOC: Volatile Organic Compound;

6. SUBSTRATE

The surface, on which the compound is applied, should be firm, clean, dry and free of loose parts, oil stains, etc. Suitable substrates are all surfaces of cement-lime and gypsum-lime mortars (at least one month old), unproblematic concrete surfaces (at least one month old), surfaces leveled with mineral-based leveling compound, fibrous-cement and gypsum-cardboards, as well as surfaces with well-absorbed, water-insoluble dispersion paints. In the case of application over high-quality mineral surfaces as well as well-absorbed dispersion paints, it is necessary to apply BK-Ultra Prime primer beforehand, in order to achieve better adhesion of the leveling compound. In the case of highly absorbent surfaces, BK-Nivelator can be used for impregnation. In the case of surfaces that scale, crumble and/or are heavily dusted, all loosely bonded layers must be removed and then impregnated with BK-Penetrat.

In the case of wall surfaces contaminated with mold, BK-Sanicide must be used for disinfection. When leveling surfaces painted with oil paints, varnishes, etc. complete removal of existing coats is necessary.

7. PREPARATION AND APPLICATION

BK-GletEx Nivelex is a ready-to-use compound. It is necessary to stir the compound before use. If you need to adjust the working consistency, add up to 1% water max.

The compound is applied manually, with a stainless-steel trowel or with mechanical "airless" application devices. The size of the nozzle and the working pressure are determined according to the recommendation of the manufacturer of the leveling compound application equipment. The application is usually carried out in two coats in the thickness of 1-1.5 mm for a single coat, with a total thickness of up to 3 mm for a two-coat application. A stainless-steel trowel or other similar tool is also used to flatten and smooth the surface. The second coat is applied after complete drying of the first coat, which under normal conditions (T=+23-25 °C, 50-60% rel.h.) requires about 6 h. Drying time under normal conditions until sanding is 48 h. Sanding is done manually or by machine (choose suitable sand paper with a grit of 180 to 240, depending on the technique and purpose). The air and substrate temperatures during application should be in the range of +5 °C to +30 °C.

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8. CLEANING OF TOOLS

The tool should be thoroughly washed with water immediately after use. If the tool is not washed immediately after use, mechanically remove any hardened residues. Removal can be facilitated by immersing the tool in water.

9. HANDLING AND STORAGE

If applied properly, there are no special precautions necessary for handling. Keep out of reach of children.

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

Shelf life: 12 months.

10. PERSONAL PROTECTION

Respiratory protection: In case of heavy dusting, use protective mask.

Hand and body protection: Wear protective gloves and work clothes with long sleeves and legs.

Eye protection: Wear safety goggles to protect against dust.

11. ECOTOXICOLOGICAL INFORMATION

Based on experience and existing information, no harmful health effects are known in case of proper use. Prevent uncontrolled discharge into drains and watercourses.

12. DISPOSAL METHOD

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

13. OTHER INFORMATION

If the contractor notices any aesthetic or application-related deficiency, it shall cease the works and notify the manufacturer thereof, who shall take the remarks into consideration in the shortest possible timeframe. Remarks, concerning the above characteristics, sent to the manufacturer after incorporation of a significant portion or the entire quantity of the material, cannot be the subject of a remark.

14. NOTE

Banja Komerc Bekament DOO performs product quality checks using its own laboratories, and 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 for achieving 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

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improper use or incorrect selection of product, as well as for poorly executed works. It is assumed that the contractor has mastered the techniques of incorporation and use of various products.

Matters written herein bind us in no way.

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