

Banja Komerc Bekament DOO	TECHNICAL DATA SHEET	Edition 1	Date: December 25 2018
		Version 5	
BK-PODLOGA			RZ-TLP-032

1. PRODUCT AND COMPANY INFORMATION

Commercial product name: BK-Podloga

Manufacturer: Banja Komerc Bekament DOO
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2. DESCRIPTION, FIELD OF APPLICATION

BK-Podloga is a concentrated emulsion primer used for improving adhesion, leveling out and hardening of mineral and other surface before applying interior dispersion paints. It may be used as a primer before applying the plasters, ceramic tiles adhesives, and before other preparations of surfaces which are not equally absorbent across their entire surface. By applying the BK-Podloga you even out the entire surface and bind any leftover dust. Therefore, the following layer is bound to the surface even better. It is considered an eco-product not harmful to human health or the environment.

3. COMPOSITION

Chemical composition: Aqueous polymer emulsion.

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/dm³ (EN ISO 2811-1)	1050
Adhesion to the surface, MPa (EN ISO 4624)	≥ 1,0
Water absorption, kg/(m² h^{0,5}) (EN 1062-3)	0,1-0,5 (Class W ₂ according to the EN 1062-1)
Particle size, μm (EN 1524)	< 100 (S ₁ according to EN 13300)
Viscosity, mPas (EN ISO 2555)	3500-4500

Indicative consumption, ml/m ²	~30-50
Packaging, l	1; 3; 5;

5. OTHER CHARACTERISTICS

Physical appearance: White liquid

Odor: Specific of polymeric binders

pH value (EN ISO 787-9): 4-5

Dry matter content (EN ISO 3251), %: ~50

VOC* content, g/l: < 17 (maximum value allowed A (g) 30 g/l)

*VOC: Volatile Organic Compound;

6. SURFACE PREPARATION

The surface to which the product is applied must be firm, clean, and dry, without poorly bound parts, greasy stains, etc. All surfaces are appropriate: lime, cement, and cementlime mortars (at least one month old), concrete surfaces (at least one month old), surfaces smoothed out with quality leveling masses (the age depends on the type), fiber-cement panels, gypsum-cardboard panels, as well as surfaces with which have taken on dispersion colors, etc. All old coatings which did not take proper hold must be removed. In case when mould-infested surfaces are to be painted, it is necessary to disinfect them by using BK-Sanacid. In case of painting the surfaces which 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-Podloga must be diluted using water before use in a ratio BK-Podloga:water=1:9. The same ratio is applied when preparing surfaces for skimming compound application.

This ratio is the most common dilution of BK-Podloga and is applied in the majority of cases when the aim of the spread is to even out the surface, harden it, and reduce surface absorption.

The product is usually applied using a long-haired roller in one layer (in case of very dry, highly absorbent bases, priming may be done twice). It may also be applied using a syringe.

The drying time in normal conditions (T=+23-25 °C, relative humidity=50-60%), before applying the paint or another final product is at least 12 hours.

Air and surface temperature during installation should be in the +5 °C to +30 °C range. 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 ° C and +25 ° 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.

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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Previous version: Version 1.4 - May 18 2015

Amended chapters: 2,4,6,7.