

TECHNICAL DATA SHEET	Issue: 1	Version: 5
BK-IN PLAST	RZ-TLP-020	Date: November 11 2018

1. PRODUCT AND COMPANY INFORMATION

Commercial product name: BK-IN Plast

Manufacturer:

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

PDS contact: email: laboratorija@bekament.com

2. DESCRIPTION, FIELD OF APPLICATION

BK-IN Plast is a pasty, high-quality acrylic emulsion-based, thin-layered decorative mortar used for the decoration and protection of interior wall surfaces. It is characterized by solid adhesion to the base, exquisite workability, waterproof abilities, and hardness. BK-IN Plast is made in two structures and multiple different granulations. BK-IN Plast Rajb - troweled structure (granulation 1.5 and 2 mm) BK-IN Plast Ful - full structure, (granulation 1, 1.5, and 2 mm)

3. COMPOSITION

Chemical composition: Aqueous polymer emulsion, water, additives, pigments, and 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/dm³ (EN ISO 2811-1)	1,600-1,800
Density of hardened plaster, g/dm³ (EN 1015-10)	1500-1700
Adhesion to substrate, MPa (EN 1542)	≥ 0.3 according to EN 15824
Water absorption, kg/(m² h^{0.5}) (EN 1062-3)	0.1-0.5 (class W ₂ according to EN 15824)
Vapour permeability, g/(m²d) (EN ISO 7783-2)	15-150 (class V ₂ according to EN 15824)
Viscosity, mPas (EN ISO 2555)	60,000-80,000

TECHNICAL DATA SHEET	Issue: 1	Version: 5
BK-IN PLAST	RZ-TLP-020	Date: November 11 2018

Indicative consumption, kg/m ²	1 mm	1.5 mm	2 mm
Troweled structure	/	2.4	2.7
Full structure	2.3	2.8	3.3
Package, kg	25;		

5. OTHER CHARACTERISTICS

Physical appearance: White or colored pasty mass

Odor: Specific of polymeric binders

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

Dry matter content (EN ISO 3251), %: ~70

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

*VOC: Volatile Organic Compound;

It is possible to choose the shades according to Bekament's color charts. We do not guarantee a complete match according to the color charts of other manufacturers, nor do we guarantee absolute repeatability of shades.

6. SURFACE PREPARATION

The basis to which the mortar is applied must be firm, clean, and dry, without poorly bound parts, greasy stains, etc. Lime, cement, and cement-lime mortars (at least one month old), fiber-cement and gypsum-cardboard panels, surfaces processed using cement adhesives (at least 7 days old), concrete surfaces (at least 3 months old), etc. are all appropriate surfaces. Before applying, the base must be coated with the BK-Acryl basis in the same color of the mortar. The drying time before applying mortar is at least 12 hours.

Much care should be given to preparing the base because any irregularities in the form of uneven surfaces make any corrections of the mortar more difficult. At the same time, these also do not permit reaching the appropriate structure.

7. PREPARATION AND APPLICATION

Before use, the mortar must be stirred well using a hand-held electric blender. As needed, dilute using a small amount of water 1-2 % (250-500 ml/25 kg) with the objective of adjusting the mortar consistency.

Before installation, the shade must be checked and then combine 4-5 buckets in an appropriate vat so as to remove any possible differences between individual buckets. Once a fourth of the mixture is used, the contents of the next bucket of mortar must be added and stirred into the mixture. Proceed with the said procedure until all the material is used.

The mortar shall be applied manually using a stainless metal trowel. Its thickness must be the one of the roughest grain. Several minutes after applying, adjust the mortar using a hard plastic trowel.

When it comes to the BK-IN Plast troweled structure, application may be done using circular, vertical, or horizontal motions until the surface is completely flat. Adjusting the full structure using BK-IN Plast is performed using circular motions.

Work must be even and without interruptions in continuous wall surfaces so as to avoid any irregularities created due to the adhesion of surfaces, irregular drying, etc. Air and basis temperature during installation should be in the +5 °C to +30 °C range. After 6 h of drying under normal conditions (T=+23-25 °C, 50-60 % r.a.h.) the plaster is dry to touch, while complete material resistance is achieved after 3 weeks. High humidity and low temperatures may significantly prolong the plaster drying period.

8. MAINTENANCE

BK-IN Plast mortars are resistant to wear and tear and do not require any particular maintenance. It is recommended that the surface is occasionally dusted off. Any possible impurities may be removed using warm water and a universal house cleaning supply (laundry detergent/dish soap). After that rinse using clean water. No cleaning or washing using abrasive products or tools is permitted.

If stains or impurities still exist, re-painting is possible using one of Bekament's internal paints.

9. 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.

10. 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: 18 months.

11. 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.

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

Certain deviations of the mortar shade in relation to the appropriate shade in the color chart are possible due to the use of natural mineral fillers. The uneven character of color shading of mortar installed may be the consequence of inappropriate conditions at installation, less time spent on making the surface uniform, differences in absorption, and the roughness of the base.

All mortar for a single object must be ordered at one time. If mortar is from different batches is being used on a single wall surface, the surface must be made uniform so as to avoid any uneven surfaces.

Banja Komerc Bekament DOO does not guarantee a complete match of mortars from various batches. Deviations in terms of tone are not subject to claims.

If the contractor notices an aesthetic or application deficiency while using the mortar, 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 regarding the aesthetic characteristics 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.

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: February 2 2013

Previous version: Version 1.4. - June 18 2015

Amended chapters: 3, 13.