

**TECHNICAL DATA SHEET**

Issue: 1

Version: 4

**BK-PERLA****RZ-TLP-076****Date: 24.12.2021.****1. PRODUCT AND COMPANY INFORMATION****Commercial product name:** BK-Perla**Manufacturer:**

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

**TDS contact:** email: [laboratorija@bekament.com](mailto:laboratorija@bekament.com)**2. DESCRIPTION, FIELD OF APPLICATION**

BK-Perla is an acrylic pasty mass used for decorating interior surfaces. It has excellent vapor permeability and is very resistant to microorganisms. Thanks to special additives, the spread is characterized by a fine, nacre-like structure.

Surfaces previously painted are resistant to wet-wiping.

BK-Perla is available in three versions: gold, silver and pearl. All three versions are used as bases for toning according to corresponding tone charts.

It is considered an eco-product not harmful to human health or the environment.

**3. COMPOSITION****Chemical composition:** Aqueous polymer emulsion, water, additives, and pigments.

**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**

<b>Density, g/dm<sup>3</sup> (EN ISO 2811-1)</b>	1,100-1,300
<b>Viscosity, mPas (EN ISO 2555)</b>	40,000-45,000
<b>Consumption, ml/m<sup>2</sup></b>	200-300
<b>Packaging, l</b>	1;

**5. OTHER CHARACTERISTICS****Physical appearance:** White or colored pasty mass

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**Odor:** Specific of polymeric binders

**pH value (EN ISO 787-9):** 7-9

**Dry matter content (EN ISO 3251), %:** ~40

**VOC\* content, g/l:** < 20 (maximum value allowed A (I) 200 g/l)

\*VOC: Volatile Organic Compound;

Possibility of tinting in 69 shades according to the Bekament Perla catalog. We do not guarantee absolute repeatability of shades. Shades may be mixed with one another at the rate determined by the user.

## 6. SURFACE PREPARATION

The surface to which the paint is applied must be firm, clean, and dry, without poorly bound parts, greasy stains, etc. All surfaces leveled out using BK-GletEx Universal or BK-GletEx Acryl are appropriate surfaces. Before painting, the surface must be coated using the BKDeco Acryl primer. The primer must be left to dry before applying the paint for at least 6 hours.

## 7. PREPARATION AND APPLICATION

BK-Perla is a previously prepared mass, ready to be applied and it does not require further mixing with water. Adding water subsequently, during the operation is not allowed as it may result in a non-uniform final appearance. Before use the mass must be stirred until it becomes fully homogenized. The first layer is applied using a hard plastic trowel whose one edge is cut at an angle. The material is applied onto the entire wall surface. Depending on the desired structure of BK-Perla, subsequent layers are applied in the following manners:

- The second and third layers are applied after the first is completely dry, whereby the effect is achieved using a plastic trowel. The design which is formed in the second and third layer, has a mild and moderate effect. Drying time between layers is about 6-8 hours.
- The second layer of the paint is applied using the same tool as was the case with the first one. The final effect is achieved using a rounded plastic trowel. The desired structure is achieved by making slight strokes of the rounded plastic trowel by turning the hand at the wrist. Drying time between layers is about 6-8 hours.
- The second layer is applied using a rounded plastic plastering trowel by applying the material onto the trowel in a thin layer. By mildly pressing the rounded trowel onto the wall surface the design is created. The maximum number of imprints onto the wall is 2-3. Once the material slightly settles (after 10-15 minutes), iron it out using a hard plastic trowel, but without pressing into the surface very hard. Drying time between layers is about 6-8 hours.

Recommendation: BK-Perla is luminous and, with appropriate lighting, the effect becomes even more profound.

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Air and surface temperature during installation should be in the +8 °C to +30 °C range. The paint becomes dry to the touch after 6 to 8 hours, depending on the conditions, while a complete resistance of the film is achieved after 3 weeks.

## 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

The color chart of decorative materials was printed on paper. While applying decorative materials onto various wall surfaces, depending on the technique of application, certain smaller deviations from the color chart may be expected. These deviations are not subject to claims. It is necessary to make one order of the total color quantity required for one facility. Equalization of the material from different batches and/or packages is required to avoid shade non-uniformity. It is recommended to make one order of the total color quantity required for one facility. Banja Komerc Bekament DOO does not

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warrant a complete match of shades from different batches, and tone deviations may not be the subject matter of a product complaint.

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: 1.3. - 05.11.2020.

Amendments: 1.