

## 1. PRODUCT AND COMPANY INFORMATION

**Product commercial name:** BK-AquaPrimer

**Manufacturer:**

Banja Komerc Bekament DOO  
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## 2. DESCRIPTION, FIELD OF APPLICATION

BK-AquaPrimer is an eco-friendly basic wood paint. It is excellent at blocking protrusions of tannin and other water-soluble substances from the wood into the surface layers of the coatings exceptionally present in oak, beech, chestnut, etc. The product is intended for the protection of external and internal wooden elements: windows, doors, window blinds, garden woodwork, cottages, fences, etc. The product does not have an unpleasant odor.

## 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>	1,200-2,500
<b>Indicative consumption, g/m<sup>2</sup></b>	60 - 80
<b>Packaging, l</b>	0.65

## 5. OTHER CHARACTERISTICS

**Physical appearance:** White viscous liquid

**Odor:** Specific of polymeric binders

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

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

**VOC\* content, g/l:** 26 (maximum value allowed A (d) 130 g/l)

\*VOC: Volatile Organic Compound;

## 6. SURFACE PREPARATION

Surface of the wood must be dry, clean and sanded, while the cracks and crevices in the wood must be filled with putty. Old coatings which did not adhere well must be removed, and the surface must be sanded and cleaned from dust. Old coatings which did adhere well should only be matted by sanding and the surface should be cleaned from dust. If tree resin and grease are present, they need to be removed using the BK-Nitro thinner. The level of moisture in conifers must not exceed 15%, while this level is 12 % for deciduous trees. Before applying the first layer of paint on the wooden elements exposed to external factors, they need to be protected from the effects of fungi, mold, and parasites by applying BK-Protecta. Old cracked, badly-adhered coats should be removed first, and surface finely sanded. Well adhered old coats should be cleaned and finely sanded.

## 7. PREPARATION AND APPLICATION

Homogenize the mass before use. As needed, add water up to 5 % (32,5 ml) for application using a brush or a roller, i.e. 10% (65 ml) if using spraying as a method of application. BK-AquaPrimer is applied in 1 or 2 layers. 2 layers are to be applied on soft, knotty wood and solid types of wood with a greater tannin content, such as oak, chestnut walnut, beech, etc. Pay particular attention to knots so that the paint reaches any possible cracks. Before applying the second layer, a mild sanding of the entirely dry wood area is needed in order to remove the protruding wood fibers. Because the mass becomes dry very quickly, it is recommended to apply the mass in zones without stopping, while possible drops need to be smeared to prevent them from drying. The drying time between layers is 4 hours in regular conditions (23 °C and 50-60 % relative humidity). Application temperature: 5°C to +30°C. Do not work under direct sunlight, rain, strong wind and relative humidity greater than 80 %. The coating achieves its final physical and chemical properties after drying for 28 days in normal conditions (23 °C and 50-60 % relative humidity).

**Note:** Combine different product batches. As a natural material, wood does not have an even color, surface, density, or absorption. Furthermore, besides from the listed facts, the level of dissolution of the coating, the thickness of the layer applied, as well as the color of a previous coating all affect the final appearance of the surface. As the level of dissolution increases, the ability of blocking tannin and the coverage of the spread decrease.

## 8. CLEANING THE TOOLS

<b>TECHNICAL DATA SHEET</b>	Edition: 1	Version: 4
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All tools need to be thoroughly washed in 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 or if they are washed using the **BK-Nitro** thinner.

## 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. THE PRODUCT MUST NOT FREEZE OVER.

Shelf life: 18 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 side 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

Banja Komerc Bekament DOO does not guarantee a complete match of shades 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 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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Amendments: Chapters: 1.