

TECHNICAL DATA SHEET	Issue: 1	Version: 2
BK-Protecta	RZ-TLP-088	Date: 01.02.2017.

1. PRODUCT AND COMPANY INFORMATION

Product commercial name: BK-Protecta

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

BK-Protecta is a liquid water-based biocidal product - primer. It is intended for the treatment of wood. It contains active substances which are effective at protecting against mold which destroy the wood, fungi which lead to changes in the color of the wood, and insects which attack the wood. BK-Protecta primer seeps through the wood pores exceptionally easy, thus protecting deeper layers, too. The product regulates moisture content in the wood and enables all subsequent spreads to hold adequately. The product may be used for covering wooden surfaces in the external environment which are not in direct contact with soil or water. It is suitable for facade wooden surfaces, woodwork (internal and external parts), wooden garages, blinds, and balcony fences. It is odorless upon drying.

3. COMPOSITION

Chemical composition: Modified alkyde emulsion, water.

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, components of the 3iodo-2-propynyl butylcarbamate system, propiconazole and permethrin are hazardous substances. The product is therefore classified a hazardous one with the following label: Caution.

4. TECHNICAL CHARACTERISTICS

density, g/dm³ (EN ISO 2811-1)	1,000
Viscosity, mPas (EN ISO 2555)	1.67
Indicative consumption, g/m²	120 - 150 ml/m ²
Packaging, l	0.65

5. OTHER CHARACTERISTICS

Physical appearance: White-yellow liquid
Odor: Specific of polymeric binders

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

Dry matter content (EN ISO 3251), %: 5.5-6.5

VOC* content, g/l: < 41 g/l (maximum value allowed A (f) 130 g/l)

*VOC: Volatile Organic Compound;

6. SURFACE

Surface of the wood to which the product is applied should be clean and dry. All previous coatings must be completely removed before applying the product. If needed, sand out the grey and damaged parts of the wood until you reach the clean and healthy area. The wood must not be frozen during application.

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.

7. PREPARATION AND APPLICATION

The spread does not need to be diluted before use. Simply stir well. Apply using a synthetic brush along the structure of the wood by spraying it on or by submersing the wood into the liquid. Apply in 2 to 3 layers. The drying time between layers is 4 to 6 hours in regular conditions (23 °C and 50-60 % relative humidity). Low temperatures, increased levels of moisture, and certain components of the wood might require that the drying period be prolonged.

8. CLEANING THE TOOLS

All tools needs to be thoroughly washed in water immediately after use. If the tools are not washed immediately after use, remove the hardened mechanical residue. 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 is needed. Keep out of reach of children.

Application temperature: 5°C to +30°C. Do not work under direct sunlight, rain, strong wind and relative humidity greater than 80 %.

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 organ protection: Use air respirators which firmly attach or aspirators which allow clean air inflow which are in accordance with the approved standards.

Recommendation: Full face mas with ABEK-type filter.

Hand protection: Use chemically resistant, impermeable gloves which are in accordance with the approved standards. Recommendation: (< 1 hr) butyl rubber - IIR, nitrile rubber - NBR, polyvinylchloride - PVC.

Eye protection: Wear safety goggles which are in accordance with the approved standards with the aim of avoiding exposure to liquid splashes, haze, gasses, or dust.

Recommendation: safety goggles with side shields.

Skin protection: Wear protective clothing.

11. ECOTOXICOLOGICAL INFORMATION

Avoid spreading the spilled materials, outflows and contact with soil, waterways, sinks, and sewage. If the product leaks into the waterways or sewage in the area, immediately notify the competent authorities.

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 1.1- February 1 2017

Amended chapters: 5,7.