

## 1. PRODUCT AND COMPANY INFORMATION

**Commercial product name:**

BK-ParketFix PU

**Manufacturer:**

Banja Komerc Bekament DOO

34304 Banja

Arandelovac

tel. 034-6777-500

fax. 034-6777-505

email: komercijala@bekament.com

**TDS contact:**

email: laboratorija@bekament.com

## 2. DESCRIPTION, FIELD OF APPLICATION

BK-ParketFix PU is a high-quality, two-component, high-strength and solvent-free polyurethane adhesive without water and solvent, for internal use. It is suitable for gluing all types of parquet, laminate, wooden floors, larger parquet and parquet made of exotic wood - bamboo, etc. (with test gluing) on absorbent and non-absorbent substrates. Due to good adhesion and flexibility, it is suitable for laying parquet on substrates with underfloor heating.

## 3. COMPOSITION

Chemical composition: Component A: Polyol, additives, filler.

Component B: Polyisocyanate.

Hazardous ingredients: In accordance with Regulation (EC) No 1272/2008 on the classification, packaging and labeling of dangerous substances and mixtures, which legally introduces the CLP / GHS classification and labeling system:

- Component A is not classified as a hazardous product;
- Component B of the system is a hazardous ingredient and is classified as a hazardous product with the label: Hazard

## 4. TECHNICAL CHARACTERISTICS

<b>Density, g/dm<sup>3</sup> (EN ISO 2811-1)</b>	1.4-1.5
<b>Adhesion to the substrate, MPa (EN 14293)</b> <ul style="list-style-type: none"><li>•</li><li>• <b>28 days</b></li></ul>	> 1,0 > 1,0

RZ-TLP-068

Banja Komerc Bekament d.o.o., Banja / 34304 Arandelovac | [www.bekament.com](http://www.bekament.com)

<b>Adhesion to the substrate with BK-ParketFix Prime, MPa (EN 14293)</b> <ul style="list-style-type: none"> <li>• 7 days</li> <li>• 28 days</li> </ul>	> 1,0 > 1,0
<b>Adhesion to the substrate at 40°C, MPa (EN 14293)</b>	> 1,0
<b>Adhesion to the substrate at 40°C with BK-ParketFix Prime, MPa (EN 14293)</b>	> 1,0
<b>Shear, MPa (EN 14293)</b>	>3,5
<b>Shear with BK-ParketFix Prime, MPa (EN 14293)</b>	>3,5
<b>Adhesion strength-open time, MPa (EN 14293)</b>	> 1.0 after 25 min
<b>Adhesion strength with BK-ParketFix Prime-open time, MPa (EN 14293)</b>	> 1.0 after 25 min
<b>Shear-open time, MPa (EN 14293)</b>	> 3.5 after 20 min
<b>Shear with BK-ParketFix Prime-open time, MPa (EN 14293)</b>	> 3.5 after 20 min
<b>Approximate consumption, kg / m<sup>2</sup></b>	0,9-1,3
<b>Packaging, kg</b>	9 kg comp. A + 1.5 kg comp. B

## 5. OTHER CHARACTERISTICS

**Appearance:** Component A: creamy pasty mass

Component B: yellowish liquid

**pH value of mixed adhesive (EN ISO 787-9):** 5-7

**Dry matter content (EN ISO 3251),%:** ~ 95

**Bonding time:** Pay attention to the setting time of the glue, which is about 60 minutes. It is not allowed to mix the components in any ratio.

## 6. SURFACE PREPARATION

The substrate on which the adhesive is applied must be firm, clean and dry, without loose bonds, grease, oil residues, etc. and primed with BK-ParketFix Prime substrate. The drying time of the substrate before applying the parquet adhesive is optimally 24 h. Substrates must not contain more than 2% moisture (preliminary measurement is recommended). Suitable substrates are all solid, load-bearing, compact, absorbent and non-absorbent mineral-based substrates.

Unprimed substrates with a moisture content of over 2% can lead to swelling of the adhesive and a decrease in its mechanical properties.

## 7. PREPARATION AND APPLICATION

Before use, pour the complete amount of component B (contained in the bottle) into component A and homogenize well. Mix the components with a mixer at low speed until a homogeneous mass is obtained. The components must not be mixed with water or solvents. Apply the adhesive with a notched trowel type B3. Apply floor coverings on fresh adhesive by pressing on the substrate. Further processing of parquet (sanding, varnishing, etc.) is possible min. 24 h after installation under optimal drying conditions (T = + 23-25 °C, rvv = 50-60%). Clean the tool immediately after finishing work. Application temperature: From + 10°C to + 25°C. The setting and drying time of the adhesive is extended at lower temperatures and shortened at higher temperatures.

## 8. CLEANING THE TOOLS

The tool must be thoroughly mechanically cleaned immediately after use. Use nitro or polyurethane thinner if additional cleaning is required.

## 9. HANDLING AND STORAGE

Component A: No special caution during use is needed when using the product properly. Keep out of reach of children.  
Store at temperatures from +5 °C to +25 °C, protected from direct sunlight and frost.  
Component B: Protect eyes and skin when working with glue. Avoid inhalation of vapors. To guard out of reach of children. Store at temperatures from +5 °C to +25 °C, protected from direct sunlight, other heat sources and open flames. Prevent freezing.  
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. REGULATORY INFORMATION

Component B:  
In accordance with Regulation (EC) No 1272/2008 on classification, packaging and labeling of dangerous substances and mixtures, which legally introduces the CLP / GHS classification and labeling system:



## Danger

Skin irritation, category 2.  
Skin sensitization, category 1.  
Eye irritation, category 2.  
Acute toxicity (inhalation), category 4.  
Respiratory sensitization, category 1.  
Specific target organ toxicity (single exposure), category 3.  
Carcinogenicity, category 2.  
Specific target organ toxicity (repeated exposure), category 2.

### H-tags:

H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H332 Harmful by inhalation.  
H334 May cause allergic reactions if inhaled.  
H335 May cause respiratory irritation.  
H351 Suspected of causing cancer.  
H373 May cause damage to organs through prolonged or repeated exposure.

### P-tags:

P260 Do not breathe vapor.  
P280 Wear protective gloves / protective clothing / eye protection / face protection.  
P302 + P352 IF ON SKIN: Wash with plenty of soap and water.  
P304 + P340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.  
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P308 + P313 If exposure occurs or is suspected to have occurred: Get medical advice / attention.  
EUH204: Contains isocyanates. May produce an allergic reaction.

As from 24 August 2023 adequate training is required before industrial or professional use. Persons already sensitised to diisocyanates may develop allergic reactions when using this product. Persons suffering from asthma, eczema or skin problems should avoid contact, including dermal contact, with this product. This product should not be used under conditions of poor ventilation unless a protective mask with an appropriate gas filter (i.e. type A1 according to standard EN 14387) is used.

## 12. ECOTOXICOLOGICAL INFORMATION

Prevent uncontrolled discharge into sewers and watercourses.

## 13. 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.

Date: 25.02.2014.

Previous version: Version 1.4-25.01.2018.

Amended chapters: 4, 6.

Date: 01.06.2023.

Previous version: 2.0-24.12.2021.

Changed chapters: 11.