

TECHNICAL DATA SHEET

Issue: 2

Version: 2

BK-Pur EPS Kleber**RZ-TLP-098-01****18.01.2023.****Created by: Jelena Tomković****Approved by: Vesna Jovanović****1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY****Trade name of the product:** BK-Pur EPS Kleber**Information about the manufacturer:**

Banja Komerc Bekament DOO

Kralja Petra Prvog 132

Arandelovac

phone 034-6777-500

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BK-Pur EPS Kleber is a single-component, low-expansive polyurethane foam for bonding and installation of facade insulation boards on concrete, mortar and masonry, which cures in the presence of moisture from air and substrate. It has a very good structure and excellent adhesion even at the temperature of +5°C. BK-Pur EPS Kleber is insoluble after curing, resistant to mold, permanently elastic and can be plastered.

BK-Pur EPS Kleber can be used for high performance bonding and installation of elements made of polystyrene (EPS, XPS, etc.), rigid polyurethane foam (PUR/PIR), gypsum-cardboard and cement-fibre boards on concrete, mortar and walls, as well as for filling the joints between the insulation boards.

BK-Pur EPS Kleber has been tested in terms of thermal insulation, rainproofing and air loss. If properly applied, the product contributes to energy savings and, as such, finds great application in low-energy facilities.

Advantages:

- Efficient gluing of facade insulation boards.
- Saves operating time.
- No on-site mixing required.
- Environmentally friendly.

Limitations:

- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates.
- Not suitable for continuous exposure to water. Not suitable for use in cavities with reduced humidity.

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3. COMPOSITION

Chemical composition: Compound based on polyurethane.

Hazardous ingredients: In accordance with Regulation (EC) No 1272/2008 on classification, packaging and labelling of dangerous substances and mixtures, by which the CLP/GHS classification and labelling was lawfully introduced, components diphenylmethanediisocyanate, isomers and homologues, alkanes C14-C17 chloro, tris(2-chloroisopropyl)-phosphate are hazardous ingredients, so this product is therefore classified as hazardous, and labelled with: Hazard.

4. TECHNICAL SPECIFICATIONS

Application temperature, °C	5-35
Curing time, min	100-120
Density, kg/m³	20-30
Temperature resistance, °C	-40 do +90
Package, ml	825
Appearance	Light yellow foam
Odour	Characteristic

Certificate:

	FEICA member FEICA TM1005:2014 Cutting Time A+ French VOC Regulation TR046
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5. SUBSTRATE

The substrate must be firm, clean and dry, without loose parts, oil stains and the like.

6. PREPARATION AND APPLYING

BK-Pur EPS Keber is used by removing the plug and screw-in the spraying tube onto the top of the foam container.

At low temperatures, leave the container with the product for at least one hour in warm or at room temperature before using it. Prior to application, shake the container vigorously (at least 20 times).

Fill the cavity halfway and in case of reduced humidity, lightly spray the foam with water.

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Apply the adhesive on insulation boards by coating the board in a continuous line 2-4 cm from the edge. Apply at least one vertical line to the center of the plate. Fasten for 2 minutes after applying the foam and bring to the desired position. All irregularities should be corrected max 20 minutes after gluing.

7. CLEANING THE TOOLS

Clean all tools and material application equipment immediately after use with BK-PU Cleaner. Hardened, cured material can only be removed mechanically.

8. HANDLING AND STORAGE

If applied properly, there are no special precautions necessary for handling. Keep out of the reach of children.

Store at temperatures of +5°C to +25°C, protected from direct sunlight and frost. Shelf life imprinted on the packaging.

It must be stored in a vertical position with the valve upward!

9. PERSONAL PROTECTION

Respiratory protection: In case of brief exposure use protective mask. In case of intensive or prolonged exposure use device for respiratory protection, independent of the surrounding air.

Protection of hands and body: Use protective gloves (impervious to the product). After each work break wash hands with water and apply protective cream. Use work overalls with long sleeves and trouser legs and shoes covering the whole foot.

Eye protection: Wear safety goggles that lay tightly against the face.

10. INFORMATION ON REGULATIONS

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Hazard

Flammable aerosols, Category 1: H222

Pressurized container: H229

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Skin irritation, category 2 H315

Skin sensitization, Category 1 H317

Eye irritation, category 2 H319

Acute toxicity, Category 4: H332

Respiratory sensitization, Category 1: H334

Specific toxicity for the target organ – single time exposure, category: 3 H335

Carcinogenicity, category 2: H351

Reproductive toxicity, may cause harm to breast-fed children: H362

Specific target organ toxicity - repeated exposure: H373

May cause long-lasting harmful effects to aquatic life, Category 4: H413

H-statements:

H222 Extremely flammable aerosol.

H229 Pressurized container: may burst if heated.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H334 If inhaled may cause allergy or asthma symptoms or breathing problem.

H335 may cause respiratory irritation.

H351 Suspected of causing cancer.

H362 May cause harm to breast-fed children.

H373 May cause damage to organs through prolonged or repeated exposure.

H413 May cause long-lasting harmful effects to aquatic life.

P-statements:

P101 If medical advice is needed, take the product packaging or label with you.

P102 Keep out of reach of children.

P210 Keep away from heat sources, hot surfaces, sparks, open flames and other sources of ignition. No smoking.

P211 Do not spray on an open flame or other ignition source.

P251 Do not puncture or burn, even after use.

P260 Do not breathe dust, fumes, gas, mist, vapour, spray.

P260 Do not breathe dust, smoke, gas, mist, vapor, spray.

P263 Avoid contact during pregnancy and lactation.

P271 Use only outdoors or in a well-ventilated area.

P273 Avoid discharge/release into the environment.

P280 Wear protective gloves, protective clothing, safety goggles, face protection.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P304 + P340 IF INHALED: Remove person to fresh air and place in a position that facilitates breathing.

P342 + P311 If you have respiratory problems: Call a POISON CONTROL CENTER/doctor/...

P305+P351+P338 IF IN EYES: Rinse carefully with water for several minutes. Remove

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contact lenses, if they exist and if it is possible to do so. Continue rinsing.

Storage:

P405 Store locked up.

P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F

P501 Dispose of contents, packaging in accordance with the Law on Packaging and Packaging Waste ("Official Gazette of RS" no. 36/09)

EUH204 contains isocyanates. May cause allergic reaction.

EUH066 Repeated exposure may cause skin dryness or cracking.

Without additional ventilation, the formation of explosive mixtures is possible.

"From August 24, 2023, proper training is mandatory before industrial and professional use."

11. ECOTOXICOLOGICAL INFORMATION

Avoid uncontrolled disposal into sewers and waterways. It can lead to long lasting harmful effects to aquatic life.

12. DISPOSAL METHOD

In accordance with the local/regional/European/national regulations.

13. OTHER INFORMATION

If the contractor notices any deficiency while incorporating the material, he is obliged to cease the works and notify the manufacturer thereof, who shall take the remarks into consideration in the shortest possible time frame. Remarks sent to the manufacturer after incorporation of a significant portion or the entire quantity of the material, cannot be the subject of complaint.

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 and it should serve to all users 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 selection of product, as well as for poorly executed works. It is assumed that the contractor has mastered the techniques of incorporation and use of various products.

Matters written herein bind us in no way.

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This document replaces all previous versions which, starting from the stated date, are considered invalid.

Date of making: 18.01.2023

Previous version: Edition 2.1 – 18.04.2022.

Changed chapters: 4.