

Banja Komerc Bekament DOO	PRODUCT DATA SHEET	Edition: 1 Version: 2	Date: 08.03.2023.
BK-AnchorFix			RZ-TLP-158
Created by: Jelena Tomković		Approved by: Vesna Jovanović	

1. PRODUCT AND COMPANY IDENTIFICATION

Product trade name: BK-AnchorFix

Distributor Information:

Banja Komerc Bekament DOO
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2. DESCRIPTION AND SCOPE OF APPLICATION

BK-AnchorFix is a fast-setting anchoring compound based on styrene-free polyester resins for indoor and outdoor use. It is used for anchoring of all surfaces at temperatures up to 35°C. It is easily used when anchoring concrete, blocks, hollow bricks, mortar, natural stone and lightweight concrete surfaces at normal temperatures. Especially suitable for high loads when installing facade elements, sanitary ware, TV holders, grilles, cable trays, handrails, awnings and gates.

Liquid anchoring agent can be used during the entire recommended shelf life by simply replacing the nozzle and tightly closing the seal on the packaging.

Advantages:

- Ready to use immediately
- Fast drying and high solidity of anchored materials
- For massive surfaces
- No special gun required for use
- For bars M8 to M24

Limitation:

- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bitumen substrates

3. COMPOSITION

Chemical composition: Polystyrene-based mass.

Hazardous ingredients: In accordance with Regulation (EC) No 1272/2008 on classification, packaging and labelling of hazardous substances and mixtures

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which legally introduced the CLP / GHS classification and labelling system, components tetramethylene dimethacrylate, ethylene dimethacrylate, methacrylic acid, propane-1,2 monoester -diol, 1,4-naphthoquinone are hazardous ingredients, and this product is classified as a hazardous product with the label: Hazard

4. TECHNICAL CHARACTERISTICS

Application temperature, °C	-5 to +35 °C
Curing time, min	20-360 depending on conditions of installation
Density, g/ml	1,80
Temperature resistance, °C	-5 to +35 °C
Packaging, ml	300

5. SUBSTRATE

The openings must be clean, dry, free of particles, grease and oil.

6. PREPARATION AND APPLICATION

Opening of the prescribed dimensions in accordance with the threaded bar used or reinforcement bar. The hole needs to be cleaned with a pump, without a brush. It is necessary to squeeze about 10 cm of material, before applying the mass in the hole, until an even gray colour is achieved. It is first applied to the bottom of the hole with the help of a nozzle, then fill 1/3 to 1/2. Push the bar in while screwing in at the same time. Before fixing the anchored elements, make sure that the material has hardened.

Anchoring in concrete, solid walls (mm)

	M8	M10	M12	M16	M20	M24
Opening of hole	10	12	14	18	22	28
Hole depth	80	90	110	125	170	210
Tightening torque (Nm)	10	20	40	60	100	150
Distance between anchors (mm)	40	50	60	80	100	120

Gelling/curing time

Temperature (°C)	-5	0	+5	+10	+15	+20	+30	+35
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	to -1	to +4	to +9	to +14	to +19	to +29	to +34	
Gelling time (min)	90	45	25	20	15	6	4	2
Curing time (min)	36 0	180	120	100	80	45	25	20

7. TOOL CLEANING

Immediately after use, clean all tools and equipment for applying the material with BK-PU Cleaner. Hardened, dried material is removed exclusively mechanically.

8. HANDLING AND STORING

No special handling precautions are required for proper application. Keep out of reach of children.

Store in a dry place in the original packaging at a temperature of + 5°C to + 25°C protected from sunlight and frost. Shelf life imprinted on the packaging.

9. PERSONAL PROTECTION

Respiratory protection: In case of short-term exposure use protective mask. In case of intense or prolonged exposure, use a respiratory protection device that is independent of the surrounding air.

Hand and body protection: Be sure to use protective gloves (impervious to the product). Use a long-sleeved work suit with long pant legs, as well as footwear that covers the entire foot.

Eye protection: Wear safety goggles that fit snugly over your face.

10. INFORMATION ON RULES

In accordance with Regulation (EC) No 1272/2008 on classification, packaging and labelling of hazardous substances and mixtures which legally introduced CLP / GHS classification and labelling system, components etramethylene dimethacrylate, ethylene dimethacrylate, methacrylic acid, propane-1,2 monoester -diol, 1,4-naphthoquinone are hazardous ingredients, and this product is classified as a hazardous product with the label: Hazard.



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Hazard

Component A:

H317 May cause an allergic reaction of the skin.

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children

P261 Avoid breathing smoke, gas, fog, vapour, spray.

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

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

P501 Disposal of contents / container in accordance with national regulations

Contains:

Tetramethylene dimethacrylate;

Ethylene dimethacrylate;

Methacrylic acid, monoester with propane-1,2-diol;

Reaction mass from 2,2'-[[4-methylphenyl]imino] bisethanol and 2-[[2-(2-hydroxyethoxy)ethyl] (4-methylphenyl)amino]-ethanol

Component B: Contains: dibenzoyl peroxide.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P264 Wash thoroughly after handling.

P280 Wear protective gloves / protective clothing / eye protection / face protection.

P305+P351+P338 IF IN EYES: Rinse carefully with water for several minutes. Remove contact lenses, if they exist and if it is possible to do so. Continue rinsing.

P501 Disposal of contents / container in accordance with national regulations.

Contains: Dibenzoyl peroxide.

11. ECOTOXICOLOGICAL INFORMATION

Prevent uncontrolled discharge into sewers, watercourses and drainage structures by installing barriers and dams. Provide adequate ventilation. In case of major leaks, inform the competent authorities.

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12. METHOD OF DISPOSAL

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

13. OTHER INFORMATION

If the contractor notices a defect during the installation of the material, they are obliged to suspend the works and inform the manufacturer, who will start considering the complaint as soon as possible. Complaints addressed to the manufacturer after the installation of a large part or the complete amount of material, and concerning the characteristics that can be identified during the installation process cannot be the subject of a complaint.

14. NOTE

Banja Komerc Bekament DOO performs product control through its own laboratories, as well as regular testing in certified laboratories. The data product sheet is a product of our knowledge and previous practical experiences, and should be used as a recommendation by all users to achieve the best results. If the weather and other conditions are different from those in our instructions, it is necessary to take our instructions as general guidelines, without a guarantee for installation.

Banja Komerc Bekament DOO does not take responsibility for damage caused by improper use or incorrect selection of products, as well as for poor quality work. It is assumed that the contractor has mastered the techniques of installation and use of various products.

The above does not obligate us in any way.

This document supersedes all previous versions, which are considered invalid from the cited date of creation.

Date of creation: 08.03.2023.

Previous versions: version 1.1 – 23.12.2022.

Changed chapter: 3, 10, 14.