

<b>PRODUCT DATA SHEET</b>	Edition:1	Version:0
<b>BK-BlockFix</b>	<b>RZ-TLP-150</b>	<b>Date: 27/09/2019</b>
<b>Created by:</b> Ana Blagojević	<b>Approved by:</b> Biljana Kamaljević	

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product trade name:**

BK-BlockFix

**Manufacturer information:**

Banja Komerc Bekament DOO  
34304 Banja  
Arandelovac  
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fax. 034-6777-505  
e-mail: komercijala@bekament.com

**Contact for creation of PDS:**

e-mail: laboratorija@bekament.com

## 2. DESCRIPTION AND SCOPE OF APPLICATION

BK-BlockFix is a thin-layer cement-based mortar intended for masonry with aerated concrete blocks.

## 3. COMPOSITION

**Chemical composition:** Gray cement, additives and mineral filler.

**Hazardous ingredients:** In accordance with Regulation (EC) No 1272/2008 on classification, packaging and labelling of hazardous substances and mixtures, which legally introduced the CLP / GHS classification and labelling system, the gray type portland cement system component is a hazardous ingredient and the product is classified as a hazardous product labelled: Hazard.

## 4. TECHNICAL CHARACTERISTICS

<b>Bulk density, g/dm<sup>3</sup></b>	1200-1400
<b>Density of hardened mortar, g/dm<sup>3</sup> (EN 1015-6)</b>	1350-1450
<b>Compressive strength, MPa (EN 1015-11)</b>	≥ 5,0 class M5 according to EN 998-2
<b>Shear strength, after 28 days, Mpa (EN 1052-3)</b>	≥ 1,0 (test-based)
<b>Adhesion to aerated concrete substrates, MPa (EN 1015-12)</b>	≥ 0.3
<b>Capillary water absorption coefficient,</b>	≤ 0.2

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<b>kg/m<sup>2</sup>min<sup>0,5</sup> (EN 1015-18)</b>	
<b>Water vapour diffusion resistance coefficient- μ (EN 1015-19)</b>	≤30
<b>Thermal conductivity, W/mK</b>	0,49 (tab. value)
<b>Indicative consumption, kg/m<sup>2</sup>/cm of layer thickness</b>	~12-13
<b>Packaging, kg</b>	30

## 5. OTHER CHARACTERISTICS

**Appearance:** Gray powder  
**pH value of wet mortar:** 11-13

## 6. SUBSTRATE

The surface onto which the mortar is applied must be firm, clean and flat.

## 7. PREPARATION AND APPLICATION

The preparation is done by adding powder in about 24-26% of water with intensive stirring until complete homogenization. Leave the mass to sit for about 10 minutes, then stir once more to obtain a mortar of appropriate density and without lumps. The open time of the mortar in the bucket under normal conditions (T = + 23-25 °C, 50-60% r.v.v.(*relative humidity*)) is about 2 hours.

Apply the glue with a serrated trowel on the upper surface of the blocks and on the side surfaces to connect the blocks. The maximum thickness of the glue is 10 mm.

The optimum air and substrate temperature during installation is between + 5 °C and + 30 °C.

## 8. TOOL CLEANING

Immediately after use, the tool should be thoroughly washed with water. If the tool is not washed immediately after use, remove hardened residues mechanically.

## 9. HANDLING AND STORAGE

Transfer the material in closed bags. Ensure good ventilation during operation if used indoors. Protect eyes and skin from alkaline reaction when working with wet mortar. Keep out of reach of children.

Store the material in dry rooms on pallets, protected from moisture.

Shelf life: 12 months.

## 10. PERSONAL PROTECTION

Respiratory protection: Not required for well-ventilated areas.

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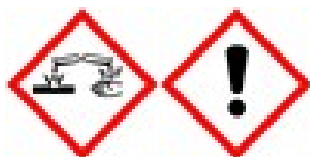
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Hand and body protection: Preventive use of protective gloves is recommended in case of repeated skin contact. Use a work suit with long sleeves and long pant legs.

Eye protection: Wear safety goggles as a precaution to protect against dust and wet mortar.

**11. REGULATORY INFORMATION**

In accordance with Regulation (EC) No 1272/2008 on the classification, packaging and labelling of hazardous substances and mixtures, which legally introduced the CLP / GHS classification and labelling system, the component of the system gray type portland cement is a hazardous ingredient and the product is classified as hazardous, labelled: Hazard.



Hazard

Skin irritation, category 2: H315

Skin sensitization, category 1: H317

Severe eye damage, category 1: H318

Specific target organ toxicity - single exposure, respiratory tract irritation, category 3: H335

**H-markings:**

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H335 May cause respiratory irritation

**P-markings:**

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

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

P333 + P313 If skin irritation or rash occurs: Get medical advice / attention.

P305 + P351 + P338 IF IN EYES: Rinse carefully with water for several minutes. Remove contact lenses, if any, and if possible. Continue rinsing.

P304 + P340 IF INHALED: Place injured person in fresh air environment and keep them resting in a position comfortable for breathing.

**12. ECOTOXICOLOGICAL INFORMATION**

Based on experience and existing information, no adverse health effects are known when used properly. Prevent uncontrolled discharge into sewers and watercourses.

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**BK-BlockFlx****RZ-TLP-150****Date: 27/09/2019****13. MANNER OF DISPOSAL**

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

**14. OTHER INFORMATION**

Banja Komerc Bekament DOO does not guarantee for complete matching of shades from different batches, deviations in tone cannot be the subject of a complaint.

If the contractor notices any aesthetic or application 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 a complete amount of material, and concerning the stated characteristics cannot be the subject of a complaint.

**15. 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.

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