

## 1. PRODUCT AND COMPANY INFORMATION

**Trademark Product Name:** BK-BOND

**Manufacturer Info:**

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## 2. DESCRIPTION AND APPLICATION SCOPE

BK-Bond is a high adhesive substrate, primarily used to improve adhesion on smooth, low-absorbing and problematic surfaces, such as ceramic tiles, smooth concrete and other solid compact non-absorbent surfaces. The product BK-Bond diluted with water can also be used for application of skimming compound, when applying ceramic adhesives, self-spreading compound, mineral plaster and the like, on gypsum board or cement-fiber boards, anhydrite surfaces, highly absorbent mortars and other cement substrates. By applying the diluted BK-Bond, the residual dust is bonded and the surface is flattened, thereby achieving a better bonding of the next substrate layer. It is classified in ecological products that are not harmful to human health and the environment.

## 3. COMPOSITION

**Chemical composition** Aqueous polymer emulsion.

**Hazardous ingredients:** In accordance with Regulation (EC) No 1272/2008 on the Classification, Packaging and Labeling of Hazardous Substances and Mixtures regulating the CLP/GHS Classification and Labeling System, this product is not classified as hazardous.

## 4. TECHNICAL CHARACTERISTICS

<b>Density, g / dm<sup>3</sup> (EN ISO 2811-1)</b>	1020-1040
<b>Particle size, μm (EN 1524)</b>	<100 (S <sub>1</sub> according to EN 1062-1)
<b>Viscosity, mPas (EN ISO 2555)</b>	800-1500
<b>Indicative consumption, ml / m<sup>2</sup></b>	~100-150
<b>Packaging, l</b>	1

## 5. OTHER CHARACTERISTICS

**Appearance:** Blue liquid

**Smell:** Specific for polymer adhesive

**pH value (EN ISO 787-9)** ~ 8.0

RZ-TLP-122

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**TECHNICAL DATA SHEET**

Edition: 1

Version: 3

**BK-BOND****RZ-TLP-122****Date: 22.07.2019.****Dry matter (EN ISO 3251),%:** ~28**VOC\*, g/l:** < 3 (maximum permissible value A (g) 30 g / l)

\*VOC: Volatile Organic Compound

**6. SUBSTRATE**

The area on which BK-Bond is to be applied must be firm, clean and dry, with no badly-adhered parts, greasy stains and similar substances that may prevent bonding. Suitable substrates include ceramic coatings, smooth concrete, stone, OSB panels, surfaces with well-attached dispersion coatings, with the remains of adhesives, as well as other problematic and poorly absorbent surfaces on which adhesion of ceramic glues can be problematic. In the case of diluted primer application, appropriate are all surfaces: limestone, cement and cement-lime mortar (old at least a month), concrete surfaces (old at least a month), surface finished with high quality smoothing compound (age dependent on type), fiber- cement boards, gypsum boards, etc. All old, poorly-attached coatings need to be removed, repainted with appropriate material and then only the substrate should be applied.

In case of coating surfaces infected with wall mold, it is necessary to disinfect with BK-Sanacid. In the case of painting the surfaces already painted with oil paint, varnishes, etc., it is necessary to completely remove the existing coatings.

**7. PREPARATION AND APPLYING**

BK-Bond must be shaken well before use. When applied on surfaces with bad absorption, BK-Bond is applied undiluted, by a brush or short-pile rollers, usually in one layer. Further layers can be applied to the coating after min. 6h drying under normal conditions (23 ° C and 50-60% RH), when the coating is scratch resistant. The gluing of tiles should be done exclusively. In case of application on the absorbent surfaces, the product should be diluted with water in a ratio of 1: 3 (primers: water). Diluted product shall be applied with brush, roller or sprayed in 1-2 layers depending on the absorbency of the surface, and by the rule: wet on wet. Apply the product evenly without any soaking. The following layers can be applied after min. 4 h drying under normal conditions (23-25 ° C and 50-60% RH).

The air and substrate temperature during installation should be in the range of +5 °C to +30 °C. Do not work in direct sunlight, fog, wind or rain. High humidity and low temperatures can significantly extend the drying time.

**8. TOOL CLEANING**

Immediately after use, the tools should be washed thoroughly with water. If the tools are not washed immediately after use, the hardened residues should be mechanically removed. Removal can be facilitated by immersing tools in the water for few hours.

**9. HANDLING AND STORAGE**

When handled properly no special handling precautions are required. Keep out of reach of children. Store at temperatures from +5 °C to + 25 °C, protected from direct sunlight and freezing effects. Expiration date: 12 months

**10. PERSONAL PROTECTION**

Breathing protection: It is not necessary when there is good ventilation of rooms.

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Hand and body protection: Preventive use of protective gloves is recommended for repeated contact with skin. Use a work suit with long sleeves and long trousers.

Eyes protection: Use goggles.

**11. ECOTOXICOLOGICAL INFORMATION**

Based on experience and existing information when used properly, no negative effects on health are known. Avoid uncontrolled outflow into sewerage and watercourses.

**12. DISPOSAL METHOD**

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

**13. OTHER INFORMATION**

If the contractor, when installing the material, notices a certain aesthetic or application defect, s/he is obliged to suspend the works and inform the producer about this, who shall, as soon as possible, consider the complaint. Complaints to the manufacturer made after the application of a larger part, or a complete quantity of material, as far as the aforementioned characteristics are concerned, can not be the subject of reclamation.

**14. NOTES**

Banja Komerc Bekament DOO performs product control in its own laboratories, as well as by regular testing in certified laboratories. The Technical Data Sheet is a product of our knowledge and past practical experience and should serve as a recommendation for best results for all users. If the weather and other conditions are different from those in our instructions, our instructions should be taken as general guidelines without any warranty for application.

Banja Komerc Bekament DOO does not assume liability for damage caused by improper use or incorrect selection of products as well as for low quality work. It is assumed that the contractor has mastered the techniques of installation and use of different products. The aforewritten does not oblige us.

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Amendments Chapters: 2