

TECHNICAL DATA SHEET	Edition:1	Version: 3
BK-HidroStop Premium	RZ-TLP-152	Date: 24.12.2021.
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1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

Trade name of the product:

BK- HidroStop Premium

Details about the manufacturer:

Banja Komerc Bekament DOO
Kralja Petra Prvog 132
Arandelovac
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2. DESCRIPTION, FIELD OF APPLICATION

BK-HidroStop Premium is a one-component, highly flexible waterproofing coating based on a polymer emulsion for horizontal and vertical protection of interior surfaces from moisture. It is used for waterproofing kitchens, bathrooms, showers, basements, etc. before laying ceramics, as well as for underfloor heating systems. It is characterized by high strength and adhesion to various substrates such as concrete, cement mortars, bricks, bricks, etc., and has a special application for waterproofing gypsum plasterboard surfaces. It is intended for positive and negative water pressure ≤ 1.5 bar. Suitable for insulating surfaces that are in long-term direct contact with water. The coating is characterized by a fine final structure. The product is classified as DM according to EN 14891 and EN 14891 (classified as DM).

3. COMPOSITION

Chemical composition: Aqueous polymer emulsion, water, additives and pigments.

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, this product is not classified as dangerous.

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4. TEHNIČKE KARAKTERISTIKE

EN 14891	
Bulk density, g/dm ³ (EN ISO 2811-1)	1300-1500
Viscosity, mPas (EN ISO 2555)	20000-40000
Adhesion on the surface, MPa (EN 14891) <ul style="list-style-type: none"> • normal conditioning • after water conditioning • after temperature aging • after a freeze-thaw cycle 	≥ 0,5 ≥ 0,5 ≥ 0,5 ≥ 0,5
Adhesion after contact with a chlorinated base, MPa (EN 14891)	≥ 0,5
Adhesion after contact with lime water, MPa (EN 14891)	≥ 0,5
Waterproofing(EN 14891)	No penetration (watertight at 168 h na 0,150 MPa)
Crack bridging, mm	≥ 0,75
Indicative consumption, g/m ²	0,5-0,6 kg/m ² /mm
Packaging, kg	5, 10
EN 1504-2	
Adhesion on surface, MPa (EN 1542)	1,5
PermeabilityCO ₂ , m (EN 1062-6 metoda A)	
Vapor permeability, m (EN 7783)	Sd=1,50
Capillary water absorption, kg/(m ² h ^{0,5}) (EN 1062-3)	0,01
Thermal compatibility, MPa (EN 13687-1)	1,6
Cracking bridges, mm (EN 1062-7)	>2,5 na 23 °C i na -10 °C, class A5
Underwater penetration under negative hydrostatic pressure 1,5 bar (EN 12390-8)	No penetration

5. OTHER CHARACTERISTICS

Appearance: Colored pasty mass

Odor: Specific to polymer binder

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pH value (EN ISO 787-9): 8-9

6. SURFACE PREPARATION

The surface to which the product is applied must be firm, clean, and dry, without poorly bound parts, greasy stains, etc. U slučaju premazivanja površina zaraženih zidnim plesnima, potrebno je izvršiti dezinfekciju BK-Sanacid-om.

Suitable substrates are all surfaces made of cement-lime mortars (at least a month old), concrete surfaces (at least a month old), fiber-cement and gypsum-cardboard slabs, brick walls, bricks, etc.

Before applying the waterproofing, it is recommended to coat the BK-Ultra Prime substrate. In the case of old and unevenly absorbing substrates, as well as in the case of porous highly absorbent substrates, it is necessary to apply BK-Ultra Prime, min. 4h before applying the waterproofing. In the case of surfaces that peel, wear and / or dust, it is necessary to remove all loose bonds and then impregnate the substrate with BK-Penetrant. It is necessary to wash the concrete surfaces well with hot water in order to remove the present impurities and then coat them with BK-Beton Kontakt.

In the case of coating surfaces infected with wall mold, it is necessary to disinfect with BK-Sanicide.

7. PREPARATION AND APPLICATION

BK-HidroStop Premium is ready for use. Undiluted, it is applied with a brush or roller in two layers, crosswise, with a total thickness of up to 1 mm. The second layer is applied after complete hardening of the first, which is about 1.5 hours. All breaks and extensions in concrete, connections, etc. they must be filled with a suitable sealing material. In order to achieve quality waterproofing at all corners and expansion joints, it is necessary to use BK-Tape waterproofing sealing tapes (the tape is pressed on the freshly applied waterproofing layer and covered with another layer). Even better performance of the waterproofing coating can be achieved by pressing the reinforcing polyester fabric into the first layer of the coating.

After 12 hours from the application of the second layer, the surface is ready for laying ceramic tiles with the help of SiproFix BK-110 Flex SiproFix BK-160 SuperFlex, SiproFix BK-160 White, SiproFix BK-170 Elastic and SiproFix BK-155 Rapid White.

8. CLEANING THE TOOLS

All tools must be thoroughly washed using water immediately after use. If the tools are not washed immediately after use, remove the hardened residue mechanically.

9. HANDLING AND STORAGE

Kod pravilne primene nisu No special handling precautions are required for proper application. Keep out of reach of children.

Store at temperatures from +5 °C to +25 °C, protected from direct sunlight and frost. MUST NOT FREEZE.

Shelf life: 12 months.

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10. PERSONAL PROTECTION

Respiratory tract protection: In case the process causes excessive dust, use a face mask.

Hands and body protection: Use safety gloves. Wash hands using water each time the work is interrupted. Use long-sleeve work overalls.

Eye protection: Use safety goggles in order to protect the eyes from the dust and wet mortar.

11. EKOTOKSIKOLOŠKE INFORMACIJE

Based on experiences and information currently available, no negative health effects are

known when the product is used appropriately. Prevent uncontrolled discharge into waterways because an alkaline reaction may occur.

12. STORAGE

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

13. OTHER INFORMATION

If the contractor notices an aesthetic or application deficiency while using the mortar, 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: 24.12.2021.

Previous amendments: 1.2 – 14.04.2021.

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