

## 1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

**Commercial product name:** BK-UltraX

**Information on the manufacturer:**

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## 2. DESCRIPTION AND SCOPE OF APPLICATION

BK-UltraX is a high-quality, professional and universal sealant and adhesive based on hybrid technology that cures under moisture from the air and forms a permanently elastic rubber. It is suitable for use as a sealant for all connection joints, cracks, rough works in construction and industry on almost all surfaces. Can be used as a universal construction adhesive for metal, synthetic materials, concrete, wood and carpentry (cars, boats, campers, trailers, steel, facades, window frames, furniture, interior decoration, stands, sandwich panels, prefabricated panels, road and bridge structures, etc.). Suitable for sealing joints in sanitary rooms, as well as for sealing and bonding in cold storages and near food.

**Advantages:**

- Durable and permanently elastic.
- Universal bonding, installation sealing, for indoor and outdoor use.
- Fast curing.
- Possibility of wet-to-wet application.
- No isocyanates, solvents and silicones.
- No shrinkage and generation of bubbles.
- Resistant to UV rays, weather and water. Sanitary formulation.
- After completely cured, grinding and sanding can be done.
- Does not cause corrosion on metals.
- Absorbs acoustic and mechanical vibrations.
- Neutral curing, odourless.

**Limitations:**

- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastic, neoprene and bitumen substrates.
- Not suitable in combination with chlorides (pools).
- Not suitable for natural stone thinner than 5mm and chrome-plated mirrors.

## 3. COMPOSITION

**Chemical composition:** Product on hybrid basis.

**Hazardous substances:** In accordance with the (EC) Regulation No. 1272/2008 on classification, labelling and packaging of hazardous substances and mixtures, through which the CLP/GHS classification and labelling system was lawfully introduced, this product is not classified as hazardous.

#### 4. TECHNICAL CHARACTERISTICS

<b>Density, g/ml (EN ISO 2811-1)</b>	1,58
<b>100% Module, MPa</b>	1,53
<b>Tensile stress, %</b>	400
<b>Flow rate, mm (ISO 7390)</b>	<2
<b>Installation speed, g/min (Ø3 mm/6.3 bar)</b>	150
<b>Application temperature, °C</b>	5-40
<b>Curing time, mm/day</b>	2-3
<b>Elasticity, %</b>	25
<b>VOC content, g/l</b>	37,9
<b>Resistance to frost during transport, °C</b>	-15
<b>Film forming time, min (23°C/55% RH)</b>	10
<b>Shore A hardness (DIN 53505)</b>	52
<b>Tensile strength, MPa</b>	2,20
<b>Temperature resistance, °C</b>	-40 to +90
<b>Package, ml</b>	290

#### 5. SUBSTRATE

The substrate must be firm, clean, and dry, without poorly bound parts, greasy stains, etc. BK-UltraX has a property of perfect adhesion without the application of a primer on most non-porous surfaces.

#### 6. PREPARATION AND APPLICATION

BK-UltraX is used in the 'venting mode' in vertical strips with a 10-20 cm spacing between the strips. BK-UltraX is not applied punctually! If it is necessary to bond facade panels it is recommended to use two-sided adhesive tapes, with 3mm of thickness to support bonding during the first 24 hours, to ensure that the thickness of the adhesive is appropriate.

BK-UltraX can be overpainted with water-based paints and most of two-component paints. Synthetic paints will dry out slower. It is recommended to test compatibility with paints before application. If BK-UltraX is coated with paint, it is recommended to sand the joint surfaces. For optimum results we recommend painting within a few days after application.

#### 7. CLEANING THE TOOLS

Immediately after the use, clean all tools and application equipment with a suitable organic solvent. Hardened (dried) material can only be removed by mechanical means.

#### 8. HANDLING AND STORAGE

No special precautions for handling are required when properly used. Keep out of reach of children.

Store in a dry place in the original packaging at temperatures from +5 °C to +25 °C, protected from direct sunlight and freezing. Shelf life is imprinted on the packaging.

## 9. PERSONAL PROTECTION

Respiratory protection: Not necessary in well-ventilated rooms.

Hands and body protection: Preventive use of protective gloves is recommended in repeated contact with skin. Use overalls with long sleeves and long legs.

Eye protection: Preventively use safety goggles.

## 10. ECOTOXICOLOGICAL INFORMATION

Based on experiences and existing information, negative effects on health are not known when used properly. Avoid uncontrolled disposal into sewage and waterways.

## 11. DISPOSAL METHOD

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

## 12. OTHER INFORMATION

If the contractor notices any deficiency while using 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.

## 13. 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.

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

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Changed chapters: 2, 4 and 6