

1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

Commercial product name: BK-Silicon Neutral Profi

Information on the manufacturer:

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2. DESCRIPTION AND SCOPE OF APPLICATION

BK-Silicon Neutral Profi is multipurpose, neutral, silicone sealant which cures in the presence of moisture and forms permanent, elastic rubber. It is used for sealing the corners in sanitary rooms, construction and facade joints, glazing, etc.

Advantages:

- Neutral curing, odourless.
- Perfect adhesion to most substrates without primers.
- For permanent elastic sealing of dilatation joints in concrete, connection joints, structures of hanging facades, glazing, joints in kitchens, bathrooms, showers and for industrial applications.
- Resistance to UV rays, water and weather.
- Does not cause corrosion on metals.
- Resistance to mold

Limitations:

- Not suitable for PE, PP, PC, PMMA, PTFE, soft pastes, neoprene and bitumen substrates.
- Discoloration may occur in dark places and in contact with chemicals.
- Compatibility of sealants with insulating glass is not guaranteed because the edge sealant composition may be different or changed by the insulating glass manufacturer. Tips regarding the compatibility of the sealant for glazing and sealant for the insulating glass edges are based on experience and therefore there is no guarantee.

3. COMPOSITION

Chemical composition: Product is based on neutral oximes.

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

100% Module, N/mm²	0,27
Application temperature, °C	5-40
Tensile stress, % (DIN 53504)	635
Curing time, mm/day	2
Permeability, m³/h (at 600 Pa)	0,018
Permeability test, Pa	Up to 1050
Shore hardness A (DIN 53505)	16
Temperature resistance, °C	-40 to +120
Flow rate, mm (ISO 7390)	<2
Density, g/ml	1,02
Film forming time, min (23°C/50% RH)	7-8
Maximum displacement of joint, %	25
Installation speed, g/min (Ø3 mm/6.3 bar)	140
Elongation at break, N/mm²	1,10
Package, ml	300

5. OTHER CHARACTERISTICS

Appearance and colour	White, transparent paste
Odour	Odourless

6. SUBSTRATE

The substrate to which the adhesive is applied must be firm, clean, and dry, without poorly bound parts, greasy stains, etc. BK-Silicon Neutral Profi has a property of perfect adhesion without the application of a primer on most non-porous surfaces.

7. PREPARATION AND APPLICATION

A well-designed joint is a joint with sufficient width to receive and hold movements of adjacent elements. Joint depth and width should always be in prescribed ratio. The general rule is that the ratio of joint depth to width is 1:1, for joint width up to 10 mm, with a minimum of 5 mm. For joints wider than 10 mm, the depth is defined according to the following formula: width / 3 + 6 mm-

BK-Silicon Neutral Profi cannot be overpainted. It is recommended to cover the edges of the joint with a duct-tape to prevent damage to the surfaces to be painted caused by silicone.

For easier smoothing of silicone, the surface can be sprayed with water mixed with several drops of detergent.

8. 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.

9. HANDLING AND STORAGE

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

Store at temperatures from +5 °C to +25 °C, protected from direct sunlight and freezing. Shelf life: 12 months, if stored according to the recommendation in the original, unopened package. Store in a dry place.

10. 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.

11. 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.

12. DISPOSAL METHOD

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

13. 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.

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 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.

Date of production: 03.05.2017.

Previous version: Version 2- 30.08.2018.

Changed chapters: 2,4,7