

**TECHNICAL DATA SHEET**

Revision:1

Version:2

**BK-FireSil 1200****RZ-TLP-135****Date: October 10, 2020.****Prepared by:** Dagana Kuč**Approved by:** Vesna Jovanović

## 1. IDENTIFICATION OF THE PRODUCT AND THE COMPANY

**Trade name of the product:**

BK-FireSil 1200

**Podaci o distributeru:**

Banja Komerc Bekament DOO

34304 Banja, Arandjelovac

tel. 034-6777-500

fax. 034-6777-505

e-mail: komercijala@bekament.com

**Kontakt za izradu TLP:**

e-mail: laboratorija@bekament.com

## 2. DESCRIPTION AND AREA OF APPLICATION

BK-FireSil 1200 is a pasty product that hardens into a high temperature resistant mass by drying. Not recommended for expansion joints. It is used for sealing joints of heaters, open fireplaces and stoves.

**Advantages:**

- Resistance to high temperatures up to 1200 ° C.
- Bonding and bonding of temperature resistant stones.

**Restrictions:**

- Not suitable for PE, PP, PC, PMMA, PTFE, soft plastics, neoprene and bituminous substrates.
- Not suitable for continuous water load.

## 3. COMPOSITION

**Chemical composition:** Mass based on sodium silicate.**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, the snatarium silicate component is a hazardous ingredient and this product is classified in dangerous products with the label: Danger.

**TECHNICAL DATA SHEET**

Revision:1

Version:2

**BK-FireSil 1200****RZ-TLP-135****Date: October 10, 2020.****Prepared by:** Dagana Kuč**Approved by:** Vesna Jovanović**4. TECHNICAL SPECIFICATIONS**

<b>Density, g / ml</b>	2,0
<b>Temperature resistance, °C</b>	+1200
<b>Application temperature, °C</b>	5 - 40
<b>Curing time, days</b>	1-4
<b>Packaging, ml</b>	300

**5. BASE SURFACE**

The surface must be firm, clean and dry, without loose parts, greasy stains, etc.

**6. PREPARATION AND APPLYING**

At the first exposure to high temperature, a gradual increase in temperature is recommended. Moisture in BK-FireSil 1200 can cause bubbles to form.

**7. CLEANING THE TOOLS**

Immediately after use, clean all tools and equipment for applying the material with the usual organic solvents. Hardened (dried) material is removed only mechanically.

**8. HANDLING AND STORAGE**

No special handling precautions are required for proper application. Keep out of reach of children.

Store in a dry place in the original packaging at a temperature of + 50C to + 250C, protected from sunlight and frost. Shelf life 12 months.

**9. PERSONAL PROTECTION**

Respiratory protection: In case of short-term exposure use protective mask. In case of intensive or prolonged exposure use respiratory protection device that is independent of ambient air.

Hand and body protection: Wear protective gloves (impervious, wear-resistant and alkali-resistant on the inside lined with cotton). Use a work suit with long sleeves and legs as well as footwear that covers the entire foot.

Eye protection: Wear safety goggles that fit snugly over your face.

**TECHNICAL DATA SHEET**

Revision:1

Version:2

**BK-FireSil 1200**

**RZ-TLP-135**

**Date: October 10, 2020.**

**Prepared by:** Dagana Kuč

**Approved by:** Vesna Jovanović

## 9. REGULATORY INFORMATION

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, the component sodium silicate is a dangerous ingredient, and this product is classified as dangerous products with labeled: Danger.



Danger

Skin irritation, category 2: H315  
Severe eye damage, category 1: H318

H-tags:

H315 Causes skin irritation.

H318 Causes serious eye damage.

P-tags:

P264 Wash exposed skin thoroughly after handling.

P280 Wear protective gloves, protective clothing, goggles, face protection.

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

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

P332 + P313 If skin irritation occurs: Get medical advice.

P362 + P364 Take off contaminated clothing and wash before reuse.

## 11. ECOTOXICOLOGICAL INFORMATION

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

## 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

**TECHNICAL DATA SHEET**

Revision:1

Version:2

**BK-FireSil 1200****RZ-TLP-135****Date: October 10, 2020.****Prepared by:** Dagana Kuč**Approved by:** Vesna Jovanović

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: 10.10.2020.

Previous version: Version 1: 09.03.2018.

Amended chapters 10