



Product Overview

It is a two-component, rapid-curing, polymer-modified, bitumen rubber-based liquid waterproofing material. It adheres seamlessly to the substrate, creating a robust, highly elastic film layer that is resistant to water and moisture, and possesses crack-bridging capabilities. It complies with TS EN 15814+A2 standards.



Application Domains

- To the drapes,
- On balconies, terraces, and rooftops,
- In subterranean spaces and storage areas,
- In retaining walls and settling basins,
- In the sections of the structures that remain subterranean,
- In planter insulation.



Technical Specifications

Intensity	1,03 ±0,05 gr/cm ³
Colour	Black
Vapor Diffusion Coefficient	5,000 - 30,000 m
Temperature Resistance	+70°C
Cold Resistance	0°C (will not fracture during flexion)
Water Permeability	W2A
Thickness Reduction During Drying	~%20
Rain Resistance	R3

The information presented in this technical data sheet is derived from experimental results. The responsibility for the proper application of our original product rests with the user. Our company is solely accountable for the product's quality. This data sheet supersedes the information provided in the previous version. Our company reserves the right to amend any information contained within this data sheet.



Advantages

- W2A durability classification.
- It is resilient to aggressive groundwater.
- It exhibits resistance to aromatic and aliphatic compounds, in addition to substances such as oils.
- It facilitates rapid healing.
- Thanks to its adaptable structure, it possesses the capability to span shrinkage cracks.
- It exhibits a high resistance to freezing and thawing.
- It is free of solvents.
- It is ecologically sustainable.
- It is both seamless and waterproof.
- Appropriate for indoor application.
- It is applicable to moist surfaces.



Surface Preparation

Prior to application, the subterranean surfaces of structures that will encounter water must be thoroughly cleansed of any elements that may compromise adhesion and bonding, including oil, grease, paraffin residues, cement slurry, loose particles, form release agents, and aged membranes. The surface should be treated with high-pressure water and subsequently dried. Any surface imperfections and active water leaks must be rectified using suitable products. A bevel band with a minimum radius of 4 cm should be applied to corners and edges.



Mixture

The powder component (Component B) included in the packaging is gradually incorporated into the liquid material and blended with a mixer at 400-600 rpm until a homogeneous mixture is achieved (care must be taken to prevent lumps). After allowing the prepared mixture to rest for 2-3 minutes, it is mixed again for 20-30 seconds and is then ready for use.

CLASS BT-920

Bitumen-Rubber and Cementitious Two-Component Waterproofing Compound



BENZKIM



Application Details

CLASS BT-920 must be utilized within 60 minutes of preparation. The base coat is to be applied to the dried primer surface. The complete application should consist of a minimum of two coats. When applying with a brush, the coats should be applied at right angles to one another.

Both application and surface temperatures must range from +5°C to +35°C. The applied material should be shielded from severe weather conditions for at least 24 hours. CLASS BT-920 should be applied in the direction of water ingress. Once the material has fully dried, the foundation pit should be backfilled, ensuring protection from impacts during the process with drainage plates and thermal insulation boards.



Consumption

Moist Surface

2mm ~2,5-3 kg /m²

Leakage or Insufficient Water Pressure 2mm

~3,5-4 kg /m²

With the support mesh for accumulated leakage water.

~4,5 kg-5 kg /m²



PACKAGING

22+8 KG Plastic Bucket



Shelf life

In its unopened packaging, it can be stored for 12 months in a cool, dry location, shielded from sunlight, at temperatures ranging from +10°C to +25°C.



Attention

Avoid applications when the ambient temperature is below +5°C or above +30°C. Do not apply in direct sunlight, rain, or wind. Refrain from applying on surfaces that have been exposed to sunlight for extended periods, are frozen, or are at risk of freezing within 24 hours.

R10: Keep away from children.

R20/22: Harmful if inhaled or ingested.

R52/53: Toxic to aquatic life, may result in long-term detrimental effects in the aquatic ecosystem.

R65: Harmful. May result in lung damage if ingested.

S7: Store in a securely sealed container.

S24/25: Avoid contact with eyes and skin. S28: In the event of skin contact, rinse immediately with ample water.

S29: Do not release into the sewage system.

S46: If ingested, seek medical attention promptly and present the container or label.

LEGAL NOTICE

The information provided herein regarding BENZKIM CLASS products, particularly the recommendations concerning their application and end use, is presented in good faith based on BENZKIM CLASS's current knowledge and experience under standard conditions, provided that these products are stored and applied correctly in accordance with BENZKIM CLASS's guidelines. The variability of products, application surfaces, and application areas in practice is significant. Therefore, when utilizing BENZKIM CLASS products, it is imperative to apply the appropriate product under the correct conditions and in the designated location, while strictly adhering to the information and instructions provided by BENZKIM CLASS regarding commercial suitability and/or suitability for a specific purpose. Failure to do so may result in BENZKIM CLASS being absolved of any responsibility for potential damages. The product user is responsible for testing the product's suitability for the intended application and purpose. BENZKIM CLASS reserves the right to modify the properties of its products. The rights of third parties must be duly respected. All orders are accepted in accordance with our current terms and conditions pertaining to sales and shipping. Users are encouraged to consult the latest version of the local Product Information Sheet for the relevant product, which can be obtained by contacting BENZKIM CLASS.

