

CLASS BT-910

Bitumen-Based Monocomponent
Waterproofing Material



BENZKIM



Product Overview

Polymer-modified, rubber-based bitumen waterproofing material, water-based and single-component.



Application Domains

- Cementitious plasters and screeds,
- Exposed aggregate concrete



Technical Specifications

Intensity	1,15±0,1 g/cm ³
Colour	Black
Substantial Material	%71
Complete Drying	2-5 Days
Rain Resistance	R1
Resistance to Compression	C2A
Crack Bridging	CB2
Waterproof	W1

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

- It is prepared for use, efficient, and simple to implement.
- It creates a cohesive insulation layer.
- It adheres seamlessly to the applied surface.
- It is applicable to both vertical and horizontal surfaces.
- It is an environmentally friendly, water-based product.



Surface Preparation

The surface must be clean, smooth, sound, and devoid of residues such as form release oil and cement remnants, as well as loose particles that hinder adhesion. Internal corners should be beveled using CLASS structural repair mortars, while external corners should be rounded through mechanical shaving. Surface voids exceeding 5 mm in depth should be leveled with CLASS structural repair mortars. Surfaces should be primed with CLASS BT-910 diluted at a ratio of 1:5 (CLASS BT-910/water). The prepared primer should be applied uniformly with an appropriate brush, ensuring that material does not accumulate on horizontal surfaces.



Mixture

Utilizing a low-speed mixer or drill, blend for 3 to 4 minutes until a uniform mixture is achieved, ensuring the absence of lumps.



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Application Details

Once the primer coat has dried, CLASS BT-910 should be applied undiluted and uniformly across the entire surface in a minimum of two coats using a brush, trowel, or spray. The second coat must be applied only after the first coat has fully dried. In regions subjected to temporary and continuous water pressure, to achieve a 4 mm application thickness, an alkali-resistant fiberglass reinforcement mesh with a maximum weight of 110 g/m² should be installed over the entire surface following the first coat of CLASS BT-910, and the second coat of CLASS BT-910 should thoroughly cover the mesh.



Consumption

2.5 kg/m² (1.5 mm thickness)



PACKAGING

20 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

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