



PROADMIX BB 700

*Capillary Nanometric in Melting Bag
Waterproofing Concrete Admixture*

PRODUCT DESCRIPTION:

PROADMIX BB is a new generation powder concrete admixture that fills the capillary spaces in the concrete by forming needle-tipped crystals as a result of the reaction with the concrete and provides effective waterproofing throughout the concrete life.

When it is added to fresh concrete, it provides permanent impermeability to water and other liquids in the concrete, protects the concrete against aggressive chemicals such as chloride and sulfate ions, and protects the reinforcement against the effects of corrosion, thanks to the nano-minerals it forms by reacting with the unhydrated cement in the concrete and the natural chemicals that arise as a result of concrete hydration. It is a waterproofing system that continues to repair the capillary cracks and gaps in concrete as a result of external effects, even after years.

FEATURES:

- PROADMIX BB is in bags that melt when it comes into contact with water.
 - It does not change the liquid balance in the concrete like liquid additives.
 - It is reactive, it is activated every time it comes into contact with water.
 - Minimizes cracks and shrinkage in concrete.
 - permanent and economical
 - Works both negative and positive even under Hydrostatic Pressure
 - It eliminates the disadvantages of products that form a supplement by using it instead of cover type materials.
 - It can be easily added to the concrete at the plant or at the construction site.
 - It is not open to physical effects and degradation like surface insulation materials.
 - Protects concrete against harmful chemicals such as sulfate and chloride.
 - Suitable for contact with drinking water.
- Repairs hairline cracks and gaps up to 0.5 mm.

PRODUCT INFORMATION:

Physical Appearance: Lumpy, gray powder

Density: 1.1±0.1

Chloride Content: 0.03%

Amount of Alkali: 0.05%



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USAGE AREA:

- In Foundation and Curtain Bundling and Elevator bucket details
- In Water Tanks and Waste Water Treatment Plants
- In dams and ponds
- In underground car parks
- In Ports and Shipyards
- In pool and Retaining Walls
- In tunnels, culverts and subways
- Bridge, viaduct and pile concrete
- in all reinforced concrete structures where protection against waterproofing is required.

APPLICATION INSTRUCTIONS:

With the Adding to the Truck Mixer method, 1 melting bag of 3 kg is used for 1 m³ of concrete. The concrete admixture in the melted bags is poured for 20 seconds just before the concrete pouring. It is thrown into the Transmixer at intervals. In order to obtain a homogeneous mixture, the transmixer should be mixed at high speed for not less than 5 minutes in total after addition.

LIMITATIONS:

In order to achieve the targeted impermeability performance in poured concrete, reinforced concrete production should be done within the following limitations.

- Concrete vibration placement and maintenance operations must be carried out in accordance with TS 1247 and TS 1248.
- The curing time after concrete pouring must be determined according to the articles 8.5 (5) and F.8.5 (5) of the TS EN 13670 Standard.

CONSUMPTION:

It is used at the rate of 1% of the cement amount.
1 package of 3 kg for 1 m³ concrete

PACKAGING:

In 18 kg plastic bucket
3 kg water-soluble bags,

SHELF LIFE:

It is 1 year from the date of production in its original packaging in dry and non-humid (temperature between +5 C and +25 C) environments. The lid of the containers should be tightly closed when not in use. It should be kept away from moisture.



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STORAGE CONDITIONS:

Contact with water and moisture should be prevented as it is in melted bags. It should be stored in its unopened original package, in a moisture-free, dry and cool (between +5 C and +25 C temperature) environment. It should not be left in direct open area under rain, snow and sunlight.

SECURITY:

Since it is cement based, do not breathe the dust, use a mask. Avoid contact with skin and eyes. Use protective gloves, goggles and clothing. In case of eye contact, seek medical advice immediately. Keep out of reach of children. In case of skin contact, wash with plenty of water and soap. Do not swallow. For detailed information and recommendations, please refer to the Safety Data Sheet.

DEKOSTAR San.ve Tic.Ltd. Şti. is not responsible for any application errors that may occur if the product is used for purposes other than its intended use or if the above-mentioned application conditions and recommendations are not followed. Dekostar reserves the right to change its products. Users should consider the latest edition of the Technical Data Sheet of the relevant product.

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