



YAPI KİMYASALLARI SAN. VE TİC. LTD. ŞTİ.

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BETTOSEAL B1K

BETTOSEAL B1K Single Component Fully Elastic Liquid Membrane

MATERIAL DESCRIPTION

It is a one-component, solvent-free, polymer modified rubber bitumen based waterproofing material that forms a seamless, flexible membrane when dry.

AREAS OF USE

BETTOSEAL B1K is used in the insulation of underground spaces such as cellars, basements, closed parking lots, bathrooms. It is used to prevent leaking water in wet areas such as kitchens and balconies. It is used on indoor and outdoor, vertical and horizontal concrete surfaces.

ADVANTAGES

- Capillary crack bridging capacity is high.
- Suitable for underground use.
- It does not flow and sag on vertical surfaces.
- Provides excellent adhesion on concrete surfaces.
- It provides a seamless insulation on the applied surfaces.
- Elastic.
- Ready to use and easy to apply.
- Solvent free, environmentally friendly

TECHNICAL SPECIFICATIONS

Basis	Bitumen
Thinner	Su
Color	Dark brown in the packaging, black when dry
Viscosity (mPa.s)	20000 ±2500
Density of the Mixture	1,06 ±0,02
Softening	+70oC
Suitable Application Temperature	+5oC to +35oC
Temperature Solids	58
Elongation at Break	At least 300
Ratio Drying Time	8
Full Drying	24 hours
Test	8 days



Note: The above values are given for +23°C and 50% relative humidity. High temperatures shorten the time, low temperatures lengthen the time.

SURFACE PREPARATION

- All kinds of dirty, dirty, etc. surfaces that prevent the adhesion of the product on the application surface should be cleaned.
- Pressurized water and soapy warm water should be used if necessary. The application surface must be free of moisture, dry and clean.
- The terraces and surfaces to be treated should have a slope (min. 5%) to prevent ponding.
- Repair mortar should be used for floor smoothness before application.
- Cold joints at horizontal and vertical joints should be chamfered by opening the joint.
- **BETTOSEAL B1K** applications should be applied without dilution with water.
- Application should be done in at least 2 coats. Wait at least 24 hours between coats and apply the second coat in 90° direction to the first coat.

CORPORATION PERIOD

(at 20 °C 65% HR)
First drying 12
hours. Second coat
24 hours. Full drying
48 hours.

APPLICATION METHOD

- Apply at least two coats of **BETTOSEAL B1K** to the surface with a minimum dry film thickness of 3 mm.
- Low air temperature (+5°C to +15°C) and high relative humidity (> In case of application under 60%) conditions, in order to control the drying time and increase the insulation quality, it should be applied in at least 3 coats, depending on the consumption amount and total dry film thickness information.
- After the first coat is completely dry, the second coat is applied in a direction perpendicular to the first coat. Subsequent coats should always be applied after the previous coat has dried and in a direction perpendicular to the previous application.
- Depending on the characteristics of the application surface, application can be made by placing a mesh between two coats when deemed necessary. In cases requiring mesh application, one coat is applied first and the mesh is laid on it before it dries.

EXPENDITURE

Average 3-4 kg/m² (in 2 coats) Consumptions given are approximate values; since there will be differences according to the pore and gap structure of the surface, the exact consumption will be determined at the end of the work.

PACKAGING

17 kg PE bucket

STORAGE CONDITIONS

Protected from moisture, frost and direct sunlight; It can be stored for 1 year in its original packaging stored in a cool and dry place.

MATTERS TO BE CONSIDERED

Applications should be made between +5°C and +30°C. Do not apply in weather conditions such as rain, snow and frost. The applied surfaces should be protected from these weather conditions for at least 24 hours. **BETTOSE- AL B1K** should be applied on the side of the structure that may be exposed to positive water pressure that may absorb moisture. Since it does not contain solvents, the hand tools used for application can be cleaned with water after application. Gloves should be worn during application. In case of contact of the product with eyes and skin, wash with plenty of water. In allergic cases, consult a doctor as soon as possible.



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