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# BİTÜWAP İZ K 3001 FIBER TECHNICAL SPECIFICATIONS

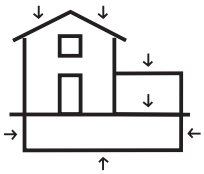
## BITUMEN EMULSION AND PLASTOMERIC POLYMER BASED, FIBER REINFORCED, SINGLE COMPONENT LIQUID MEMBRANE

### DESCRIPTION FOR IT

Bitumen emulsion and plastomeric polymer-based, fiber-reinforced, single-component, water-based, liquid waterproofing membrane with high crack-bridging ability, elasticity and tensile strength strengthened with various additives.

### AREAS OF USE

It is used in underground waterproofing applications such as foundations, basements and curtains of buildings, and in the waterproofing of structures and building elements that are exposed to temporary and permanent water pressure. It can also be used in under-ceramic waterproofing of terraces, roofs, channels, kitchens, bathrooms, balconies and similar wet surfaces. During application; Since it is fiber reinforced, there is no need for any reinforcement.



### APPLICATION SURFACES

It is suitable for application on mineral surfaces such as concrete, stone, plaster and screed in interior and exterior spaces.

### ADVANTAGES

It can be applied to all mineral surfaces and has very high adhesion strength. Creating a seamless insulation layer. It can be applied very easily and quickly with the insulation pump. Resistance to underground chemicals.

### APPLICATION CONDITIONS

Application should not be made in very hot or very humid weather. In applications, the ambient temperature should be between +5°C and +30°C. It should not be applied to melting, frozen surfaces or surfaces that are in danger of freezing within 24 hours. Repairs should be made before application to old mineral surfaces that are dusty.

### TOOLS USED

Insulation pump, brush, trowel or spatula.

### SURFACE PREPARATION

If the surface to be applied is new, it must be free of residues such as cement residue and loose parts, oil, dirt, rust, algae and dust that prevent adhesion; It must be clean, smooth, solid and not exposed to frost. Inner corners should be chamfered with WAP TH – 602 repair mortar, and outer corners should be trimmed and rounded mechanically. The surfaces to be applied should be primed with BİTÜWAP İZ K 3001 FIBERED diluted at a ratio of 1/5 (bitüwap iz k 3001 fibrous liquid/water). A skimming coat should be applied to perforated, damaged or porous surfaces with BİTÜWAP İZ K 3001 ELYAFLI using a spatula or trowel in order to smooth the surface and prevent the formation of air bubbles. Old or dusty surfaces should be repaired and hardened with our POLYWAP İZK 6000 repair and impregnation product.

### APPLICATION

Bituwap iz k 3001 fiber should be opened and mixed with a low speed mixer for at least 1 - 2 minutes until it reaches a homogeneous consistency. It should be applied to the entire surface in 2 layers with the help of a brush or insulation pump. The total application thickness should be determined by looking at the rates in the consumption table according to the water pressure it will be exposed to. After the first coat application has dried completely, the second coat application should be started. In areas subject to temporary and permanent water pressure, in order to ensure an application thickness of 2 and 3 mm, glass fiber reinforcement mesh with a maximum weight of 100 g/m2 should be adhered to the entire surface before the first layer application dries and the second layer application should be started after it dries. The second layer application should be made to completely cover the net.

## CONSUMPTION TABLE

| Application area | Minimum application thickness (dry film) | Minimum consumption |
|---|---|---|
| Floor insulation that does not accumulate water | 1,5 mm | 2,5 kg/m² |
| Insulation against temporary pressurized water | 2 mm | 3,3 kg/m² |
| Insulation against continuous pressurized water | 3 mm | 5,0 kg/m² |

## TOOL CLEANING

All tools should be washed with water immediately after application. Dried residues should be cleaned with thinner.

## PACKAGING

15 kg plastic bucket

## STORAGE AND SHELF LIFE

In dry, moisture-free environments away from sunlight, provided the packaging is undamaged and unopened, the shelf life is 12 months from the date of manufacture. Packaging should be protected from frost and heat. Two pallets should not be stacked on top of each other during transport and storage.

## STANDARD

EN 1504 -2:2004 CE BELGESİ

## TECHNICAL TABLE

| İZ K 3001 FIBER | TECHNICAL INFORMATION |
|---|---|
| The essence | Bitumen Emulsiyon-Polymer- Fiber |
| Colour | Black |
| Form | Dark vıscous liquid |
| Intersity | Average 1.20 gr/cm³ |
| Softening point | 80 Degrees |
| Installation period | Min. 3 Days |
| Waterproof | Class W1B |
| Crack bridging capability | Class Cb2 |
| Resistance to compression | Class C2B |
| Rain resistance | Class R1 |

## WARNINGS AND RECOMMENDATIONS

It is not applied on metal surfaces. Water should never be added to the mixture. In applications made with an insulation pump, care should be taken to clean the machine installation immediately after the application is completed. Surfaces applied with Bitüwap iz k 3001 fiber should be covered within a maximum of 3 days and protected against external conditions. After the drying period, it should be covered with a suitable material. Earth filling should not be done without applying protection on the applied foundation shear walls. The application on the terrace should be solved by applying a thermal insulation layer over the waterproofing layer

## SAFETY WARNINGS

Always use appropriate safety equipment such as masks, gloves, and goggles. Protect your eyes and face. Avoid contact with eyes and skin. In case of contact with eyes, rinse immediately with plenty of water and consult a specialist. For detailed safety information, please read the Material Safety Data Sheet.

## LEGAL DISCLAIMER

İZOFALT Insulation Construction Textile Ind. And Trade Ltd. Co. İs not responsible for application errors that may occur if the product is used for purposes other than intended or if the above conditions are not complied with.