# BİTÜWAP PUR 8001 FIBER

# E-CATALOG

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




### DESCRIPTION FOR IT

A single-component, water-based, liquid waterproofing membrane based on bitumen emulsion and plastomeric polyurethane, reinforced with fibers, possessing high crack bridging capability, and enhanced elasticity and tensile strength with various additives.

### AREAS OF USE

Used in subsurface waterproofing applications such as foundations, basements, and retaining walls of buildings, and in waterproofing structures and structural elements exposed to temporary and continuous water pressure. Used in waterproofing under ceramic tiles in wet areas such as terraces, roofs, channels, kitchens, bathrooms, balconies, and similar spaces, and in repairing old bituminous membrane coatings. Due to its fiber reinforcement, no additional reinforcement is needed during application.

### APPLICATION SURFACES

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

### ADVANTAGES

Applicability to all mineral surfaces and very high adhesion strength. Creates a seamless insulation layer. Very easy and fast application with an insulation pump. Resistance to underground chemicals.

### APPLICATION CONDITIONS

Application should not be done in very hot or very humid weather. The ambient temperature should be between +5°C and +30°C during application. It should not be applied to melting, frozen surfaces or surfaces where there is a risk of freezing within 24 hours. Old, dusty mineral surfaces should be repaired before application.

### TOOLS USED

Insulation pump, brush, trowel or spatula.

### SURFACE PREPARATION

If the surface to be applied is new, it must be clean, smooth, sound, and free from residues such as cement residue and loose particles, oil, dirt, rust, moss, and dust that would prevent adhesion; it must be free from frost. Interior corners should be beveled with WAP TH-602 repair mortar, while exterior corners should be rounded by mechanical shaving. Surfaces to be coated should be primed with BITUWAP PUR 8001 FIBER-BASED liquid diluted at a ratio of 1/5 (bituwap pur 8001 fiber-based liquid/water). For porous, damaged, or uneven surfaces, a scraping coat of BITUWAP PUR 8001 FIBER-BASED should be applied using a spatula or trowel to smooth the surface and prevent air bubble formation. Old or dusty surfaces should be repaired and hardened with our POLYWAP İZK 6000 repair and impregnation product.

### APPLICATION

Bituwap pur 8001 fiber-based liquid should be opened and mixed with a low-speed mixer for at least 1-2 minutes until a homogeneous consistency is achieved. It should be applied to the entire surface in two coats using a brush or insulation pump. The total application thickness should be determined by referring to the consumption table ratios according to the water pressure it will be subjected to. The second coat should be applied only after the first coat has completely dried. In areas exposed to temporary and continuous water pressure, to achieve an application thickness of 2 and 3 mm, a fiberglass reinforcement mesh with a maximum weight of 100 g/m2 should be glued to the entire surface before the first coat dries, and the second coat should be applied after it has dried. The second coat should completely cover the mesh.

## 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

Stored in dry, moisture-free environments away from sunlight, provided the packaging is undamaged and unopened, the product has a shelf life of 12 months from the production date. Packaging must 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

| PUR 8001 FIBER | TECHNICAL INFORMATION |
|---|---|
| The essence | Bitumen EmulsionPolyurethane-Fiber |
| Colour | Black |
| Form | Dark viscous 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 | ClassC2B |
| Rain resistance | Class R1 |