BİTÜWAP PUR 8004 UV PLUS

E-CATALOG

BITUMEN EMULSION AND SUPER ELASTOMERIC POLYURETHANE BASED, UV RESISTANT, SINGLE-COMPONENT LIQUID MEMBRANE



DESCRIPTION FOR IT

Bitumen emulsion and superelastomeric polyurethane based, UV resistant, single-component, high crack bridging capability, elasticity and tensile strength enhanced with various additives, water-based, liquid waterproofing membrane.

AREAS OF USE

It is used in subsurface waterproofing applications such as foundations, basements and retaining walls of buildings, and in the waterproofing of structures and structural elements exposed to temporary and permanent water pressure. It is used in waterproofing under ceramic tiles in wet areas such as terraces, roofs, channels, kitchens, bathrooms, balconies and similar areas, and in the repair of old bituminous membrane coatings. When applied together with reinforcements such as fiberglass, polyester felt and the like, it provides long-lasting waterproofing against high-pressure water.

APPLICATION SURFACES

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

ADVANTAGES

Applicable to all mineral surfaces and has very high adhesion strength. Creates a seamless insulation layer. Easy and quick 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 free from residues such as cement residue and loose particles, and from oil, dirt, rust, moss and dust that would prevent adhesion; it must be clean, smooth, sound and not exposed to frost. Inner corners should be beveled with WAP TH – 602 repair mortar, and outer corners should be rounded by mechanical means. The surfaces to be applied should be primed with BİTÜWAP PUR 8004 UV PLUS diluted at a ratio of 1/5 (bituwap pur 8004 uv plus liquid/water). For porous, damaged or porous surfaces, a scraping coat should be applied with BİTÜWAP PUR 8004 UV PLUS 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

Bitüwap pur 8004 UV plus should be opened from the packaging 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 2 coats using a brush or insulation pump. The total application thickness should be determined according to the consumption table ratios based on the water pressure it will be subjected to. The second coat should be applied after the first coat application has completely dried. In areas exposed to temporary and continuous water pressure, in order to achieve an application thickness of 3 mm, a glass fiber reinforcement mesh with a maximum weight of 100 g/m2 should be glued to the entire surface before the first coat application dries, and the second coat application should be done after it dries. The second coat application should be done in such a way as to 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 (with fiberglass reinforcement mesh)	3,3 kg/m²
Insulation against continuous pressurized water	3 mm (with fiberglass reinforcement mesh)	5,0 kg/m²

TOOL CLEANING

All tools should be rinsed with water immediately after use. Dried residue should be cleaned with paint 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 8004 UV PLUS	TECHNICAL INFORMATION
The essence	Bitumen EmulsionPolyurethane
Colour	Black
Form	Dark viscous liquid
Intersity	Average 1.15 gr/cm³
Softening point	80 Degrees
Installation period	Min. 3 Days
Waterproof	Class W1
Crack bridging capability	Class Cb2
Resistance to compression	Class C2A
Rain resistance	Class R1