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BİTÜWAP PUR 8003 GARDEN TECHNICAL SPECIFICATIONS

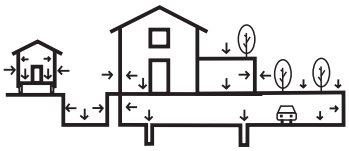
BITUMEN EMULSION AND SUPER ELASTOMERIC POLYURETHANE BASED,SINGLE-COMPONENT LIQUID MEMBRANE

DESCRIPTION FOR IT

A single-component, water-based, liquid waterproofing membrane based on bitumen emulsion and superelastomeric polyurethane, with high crack bridging capability, elasticity and tensile strength enhanced by various additives, and high root resistance.

AREAS OF USE

It is used in the waterproofing of underground parking lots and green roof terraces, in subsurface waterproofing applications such as pile foundations, normal foundations, basements and retaining walls, and in the waterproofing of structures and structural elements exposed to temporary and permanent water pressure. It is used in the waterproofing of under-ceiling tiles in wet areas such as terraces, roofs, canals, kitchens, bathrooms, balconies and similar areas. When applied together with polyester felt, it provides long-lasting waterproofing against high-pressure water.



APPLICATION SURFACES

Suitable for application on mineral surfaces such as concrete, stone, plaster, and screed in both indoor and outdoor environments.

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 free from adhesion-inhibiting oil, dirt, rust,moss and dust; 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 8003 GARDEN diluted at a ratio of 1/5 (bituwap pur 8003 garden liquid/water). For porous, damaged or porous surfaces, a scraping coat should be applied with BİTÜWAP PUR 8003 GARDEN 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 8003 garden 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 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 has completely dried. In areas exposed to temporary and continuous water pressure, in order to achieve an application thickness of 3 mm, a polyester felt 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 be applied in such a way as to completely cover the felt.

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 polyester felt)	3,3 kg/m²
Insulation against continuous pressurized water	3 mm (with polyester felt)	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 8003 GARDEN	TECHNICAL INFORMATION
The essence	Bitumen EmulsionPolyurathane
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

WARNINGS AND RECOMMENDATIONS

Not suitable for metal surfaces. Water should absolutely not be added to the mixture. In applications using an insulation pump, the machine and its equipment must be cleaned immediately after application. Surfaces treated with Bitüwap PUR 8003 Garden must be covered and protected from external conditions within a maximum of 3 days. After the drying period, it should be covered with a suitable material. Soil backfill should not be applied to the treated foundation retaining walls without a protective coating. Application on terraces should be resolved by applying a thermal insulation layer on top of 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.