izofalt yalıtım

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BİTÜWAP SOLZER PLUS TECHNICAL SPECIFICATIONS

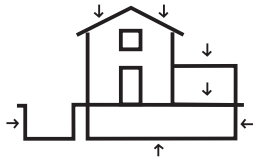
BITUMEN – RUBBER AND SOLVENT-BASED, SINGLE-COMPONENT LIQUID MEMBRANE

DESCRIPTION FOR IT

It is a bitumen, rubber, and solvent-based, single-component, 1000% elongation, elastomeric liquid waterproofing membrane. Due to the evaporation of the solvent it contains, it adheres strongly to the surface it is applied to, forming a seamless, durable, and elastomeric film layer resistant to water and moisture.

AREAS OF USE

It is 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. It is used in water channels and hidden gutters, galleries, drainage systems, wastewater treatment plants, and foundation piles, in the waterproofing of pools against water and moisture, and in the repair of old insulation made with bituminous membranes.
It can also be used in waterproofing under ceramic tiles in wet areas such as terraces, roofs, channels, kitchens, bathrooms, balconies, etc. It can be applied by dipping, brushing, or spraying to protect metal surfaces against corrosion. When applied together with fiberglass, polyester felt, and similar reinforcements, it provides long-lasting waterproofing against highpressure water.



APPLICATION SURFACES

Suitable for application on mineral surfaces such as concrete, stone, plaster, and screed, as well as metal surfaces, both indoors and outdoors.

ADVANTAGES

Suitable for application to mineral and metal surfaces, quick drying and very high adhesion strength. Creates a seamless insulation layer. Easy and quick application with an insulation pump. Resistant to underground chemicals and salt water.

APPLICATION CONDITIONS

Application should not be done in very hot or very humid weather. The ambient temperature for application should be between +5°C and +30°C It should not be applied to melting, frozen surfaces or surfaces where there is a risk of freezing within 24 hours. Dusty old 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, oil, dirt, rust, moss and dust that prevent adhesion; it must be dry, 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 shaving. Non-metal surfaces to be applied should be primed with isofalt membrane primer and cleaned of dust, while metallic surfaces should be primed with bitüwap solzer. For perforated, damaged or porous surfaces, a scraping coat should be applied with BİTÜWAP SOLZER 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

BİTÜWAP SOLZER 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, each coat at a minimum of 600 g/m², 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 exposed 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 a 3 mm application thickness, 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 be applied in such a way as to completely cover the mesh.

CONSUMPTION TABLE

Area of application	Minimum application thickness (dry film)	Minimum consumption
Floor insulation that prevents water accumulation.	1 mm	1,7 kg/m²
Temporary pressurized water insulation.	2 mm (with fiberglass reinforcement mesh)	3,5 kg/m²
Insulation against continuous pressurized water.	3 mm (with fiberglass reinforcement mesh)	5,0 kg/m²

TOOL CLEANING

All tools should be washed with solvent immediately after use.

PACKAGING

15 kg. Metal 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

SOLZER PLUS	TECHNICAL INFORMATION
The essence	Bitumen-Rubber-Solvent
Colour	Black
Form	Thick liquid
Intensity	Average 1.1 kg/lt.
Softening temperature	90 degrees
Solid matter	% 65
Elongation at break	% 1000
Drying time between layers	Minimum 12 hours

WARNINGS AND RECOMMENDATIONS

In applications using insulation pumps, care should be taken to clean the machinery with solvent immediately after the application is completed. Surfaces treated with Bitüwap Solzer Plus should be covered and protected against external conditions within a maximum of 3 days. Soil backfill should not be done on the applied foundation retaining walls without applying a protective coating. Applications on terraces should be resolved by applying a thermal insulation layer on top of the waterproofing layer.

SAFETY WARNINGS

Because it contains flammable materials, smoking, lighting fires, and using tools that could produce sparks are not allowed during application. Since it emits toxic gas until dry, ventilation should be provided and health precautions should be taken when it needs to be used in enclosed spaces. Do not leave the packaging lid open. Do not expose to direct sunlight and heat. Keep out of reach of children. 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, read the Material Safety Data Sheet.