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Date of revision: June 26 2026
Revision number: 003

BİTÜWAP SOLZER PUR 2K TECHNICAL SPECIFICATIONS

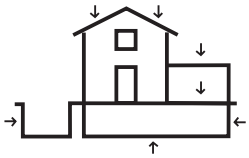
BITUMEN – POLYURETHANE AND SOLVENT-BASED, TWO-COMPONENT LIQUID MEMBRANE

DESCRIPTION FOR IT

It is a two-component, 2000% elongation, super elastomeric, fast-curing liquid waterproofing membrane based on bitumen, polyurethane and solvent. By evaporating the solvent it contains, it adheres strongly to the surface it is applied to, forming a seamless, durable and super elastomeric film layer against 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 of structures and structural elements exposed to temporary and permanent water pressure. It is used in water channels and hidden gutters, galleries, drainage systems, wastewater treatment plants and foundation piles, in the waterproofing of bridges, viaducts, and pools against water and moisture, and in the repair of old insulation made with bituminous membrane. It can also be used in waterproofing under ceramic tiles in wet areas such as terraces, roofs, canals, kitchens, bathrooms, balconies and similar areas. It has superior properties in protecting metal surfaces against corrosion.



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.Resistant to underground chemicals and salt water. High crack bridging capability. Excellent cold resistance - retains its elasticity down to -40 degrees. High resistance to mechanical impacts.

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

Brush, trowel, roller, 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 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 mechanically shaving. For perforated, damaged or porous surfaces, a scraping coat should be applied with BİTÜWAP SOLZER PUR 2K 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 PUR 2K, Component A and Component B packaging should be opened and mixed with a low-speed mixer for at least 1-2 minutes until a homogeneous consistency is achieved. The pot life of the mixture is between 30 and 45 minutes. It should be applied to the entire surface in 2 coats, each coat at a minimum of 750 g/m², using a brush, roller, or trowel. The total application thickness should be determined according to the ratios in the consumption table based on the water pressure it will be exposed to. The second coat should be applied after the first coat has completely dried. In applications with an insulation pump, the mixture may need to be thinned with a small amount of thinner.

CONSUMPTION TABLE

Area of application		Minimum consumption
Floor insulation that prevents water accumulation.		1,5 kg/m²
Temporary pressurized water insulation.		2,0 kg/m²
Insulation against continuous pressurized water.		3,0 kg/m²

TOOL CLEANING

All tools should be washed with solvent immediately after application.

PACKAGING

15 kg sheet metal bucket / Component B 15 kg sheet 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 PUR 2K	TECHNICAL INFORMATION
The essence	Bitumen-Polyurethane-Solvent
Colour	Black
Form	Thick liquid
Intensity	Average 1.0 kg/lt.
Softening temperature	90 degrees
Solid matter	% 90
Elongation at break	% 2000
Drying time between layers	6 - 24 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 Bituwap Solzer Pur 2K should be covered and protected against external conditions within a maximum of 3 days. Soil backfill should not be done on 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.