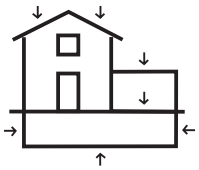
İZOFALT İZ K 2000 TECHNICAL SPECIFICATIONS

BITUMEN EMULSION AND ELASTOMERIC POLYMER-BASED, SINGLE-COMPONENT LIQUID MEMBRANE

DESCRIPTION FOR IT
A single-component, water-based, liquid waterproofing membrane based on bitumen emulsion and elastic polymer.

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 can also be used in waterproofing under ceramic tiles in wet areas such as terraces, roofs, channels, kitchens, bathrooms, balconies and similar areas. When applied together with reinforcements such as fiberglass, polyester felt and the like, 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 environment

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 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, and free 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 1/3 İzofalt İZ K 1000. For perforated, damaged or porous surfaces, a scraping coat should be applied with İZOFALT İZ K 1000 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
zofalt iz k 1000 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 exposed to. The second coat should be applied after the first coat has completely dried.

CONSUMPTION
Two coats, at least 0.8 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

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

TSE 113

TECHNICAL TABLE

İZ K 1000	TECHNICAL INFORMATION
The essence	Bitumen Emulsion-Polymer
Colour	Black
Form	Thick Liquid
Intensity	Average 1.01 gr/cm³
Installation Period	Minimum 12 Hours
Water quantity	Maximum 53%
Remainin gamount	Maximum 53%
Residual ash amount	Maximum 8 %

WARNINGS AND RECOMMENDATIONS

Not suitable for metal surfaces. Absolutely no water should be added to the mixture. When applying with an insulation pump, ensure the machine and equipment are cleaned immediately after application. Surfaces treated with İzofalt İz K 1000 should 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 treated foundation retaining walls without a protective coating. Applications on terraces should be resolved by applying a thermal insulation layer over 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. is 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.