izofalt yalıtım

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POLYWAP İZ 2K 4001 TECHNICAL SPECIFICATIONS

POLYMER EMULSION AND CEMENT BASED, TWO COMPONENT SEMI ELASTIC LIQUID WATERPROOFING MEMBRANE

DESCRIPTION FOR IT
Acrylic polymer emulsion and cement based, two component, semi elastic liquid waterproofing membrane developed for wet floor insulation under ceramic tiles.

AREAS OF USE
It is used as an under tile waterproofing material in all types of buildings, especially in wet areas such as balconies, bathrooms, toilets, and kitchens.



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

ADVANTAGES
Suitable for application to all mineral surfaces, semi-elastic structure and very high adhesion strength. Easy, convenient and improved application features.
Allows for quick transition to ceramic application. Safe to use in wet areas such as balconies, bathrooms, toilets and kitchens.

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. It is not suitable for wood, chipboard, plywood, and metal surfaces. It is not suitable for negative water pressure. It is not suitable for drinking water tanks and terraces. It should not be left exposed in places that may be exposed to direct sunlight.

TOOLS USED
Hand mixer, brush, trowel.

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 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, while outer corners should be rounded by mechanical shaving. On old or dusty surfaces, they should be repaired and hardened with our POLYWAP İZK 6000 repair and impregnation product.

APPLICATION
Polywap iz 2k 4001; For each coat, 25 kg of powder component should be gradually added to 10 kg of liquid component and mixed with a low-speed mixer for approximately 2-3 minutes until a homogeneous consistency is achieved. After the mixture rests for 2 minutes, it should be mixed again before application. Polywap iz 2k 4001 should be applied to the entire surface in at least 2 coats using a brush or trowel. Each coat should be applied perpendicular to the previous one. A waiting period of at least 6 hours should be observed between coats.

CONSUMPTION
3.5 – 4.0 kg/m² (for an application thickness of 2 mm)

TOOL CLEANING
All tools should be washed with water immediately after use, before they dry.

PACKAGING
35 kg Set (10 kg liquid + 25 kg powder)

STORAGE AND SHELF LIFE

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

TS EN 14891

TECHNICAL TABLE

İZ 2K 4001	TECHNICAL INFORMATION
THE ESSENCE	Polymer-Cement
LIQUID COMPONENT	Polymer emulsion
POWDER COMPONENT	Mineral Cement
FORM	Thick liquid
MIXTURE DENSITY	Average 1.80 kg/lt
USAGE PERIOD	Maximum 2 hours
TERM OF INSTITUTION	Minimum 48 hours
COLOUR	Gray

WARNINGS AND RECOMMENDATIONS

When mixing our product, only its own liquid should be used; absolutely no water should be added.
Applied surfaces should be protected from direct sunlight, air currents, and frost for 3 days. If necessary, the surface should be moistened and kept damp.
Ceramic or other coating applications should not be started until at least 1 day has passed since the application.

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, 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.