izofalt yalıtım

POLYWAP İZ 2K 4002 PLUS E-CATALOG

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



DESCRIPTION FOR IT

Acrylic polymer emulsion and cement based, two component, fully 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, in old ceramic tilings with applied raw ceramic primer, on terraces, swimming pools and water tanks.

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, fully elastic structure and very high adhesion strength. Easy, convenient and improved application features.
Allows for quick transition to ceramic application. Safe use in wet areas such as balconies, bathrooms, toilets and kitchens, on exposed ceramic old ceramic coatings with primer applied, terraces, swimming pools and water tanks.

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, and 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 shaving. Highly porous surfaces such as raw concrete and cement-based plaster should be moistened with clean water and allowed to sit until the water layer disappears, keeping the surface damp. Old or dusty surfaces should be repaired and hardened with our POLYWAP İZK 6000 repair and impregnation product.

APPLICATION

Polywap iz 2k 4002 plus; For each coat, 20 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 4002 plus 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

3.0 – 3.5 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

30 kg Set (10 kg liquid + 20 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 4002 PLUS	TECHNICAL INFORMATION
THE ESSENCE	Polymer-Special Cement
LIQUID COMPONENT	Polymer emulsion
POWDER COMPONENT	Mineral Special Cement
FORM	Thick liquid
MIXTURE DENSITY	Average 1.50 kg/lt
USAGE PERIODsüresi	Maximum 2 hours
TERM OF INSTITUTION	Minimum 48 hours
COLOUR	Gray