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POLYWAP ULTRA PLAST 2K FIBER TECHNICAL SPECIFICATIONS

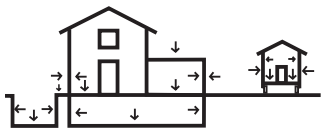
PLASTOMERIC ACRYLIC POLYMER AND SPECIAL CEMENT BASED, FIBER REINFORCED, TWO COMPONENT LIQUID WATERPROOFING MEMBRANE

DESCRIPTION FOR IT

It is a new generation ultra plastomeric liquid waterproofing membrane based on plastomeric acrylic polymer emulsion and special cement, with fiber reinforcement, and two components.

AREAS OF USE

It is used as a positive and negative waterproofing material in the interior and exterior spaces of all buildings; especially in foundations, basements, retaining walls and terraces, as well as under ceramic tiles in wet areas such as balconies, bathrooms, toilets and kitchens, in old ceramic coverings with raw ceramic primer applied, in swimming pools, water tanks, water channels, in the production of prefabricated structures and container houses.



APPLICATION SURFACES

Suitable for application on mineral surfaces such as concrete, stone, plaster, screed, raw concrete in horizontal and vertical areas of interior and exterior spaces, and on old ceramic surfaces with applied ceramic primer, and on all absorbent wood surfaces.

ADVANTAGES

Can be painted with all water based paints. Applicable to all mineral and absorbent wood surfaces, ultra plastic structure and very high adhesion strength. Positive and negative applications. Easy, comfortable and improved application properties. Quick transition to ceramic application. Safe use on old ceramic coatings with applied raw ceramic primer.

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 (with Polywap İz K 6000) before application.

TOOLS USED

Hand mixer, insulation pump, brush, roller, 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. For perforated, damaged or porous surfaces,a scraping coat should be applied with a spatula or trowel using the mixed POLYWAP ULTRA PLAST 2K FIBER 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.

PRIMING

After all surface preparation and drying, the liquid component of our POLYWAP ULTRA PLAST 2K FIBER product should be thinned by mixing it with water at a ratio of 1/3 (polywap ultra plast 2k fiber liquid component/water) and the surface should be primed to the extent that it absorbs the liquid, ensuring there is no puddling.

APPLICATION

Polywap Ultra Plast 2K Fiber Reinforced; For each coat, 10 kg of liquid component should be mixed slowly with 10 kg of powder component using a low speed mixer until a homogeneous consistency is achieved, for approximately 2-3 minutes. The mixture should be allowed to rest for 2 minutes and then mixed again before application. Polywap Ultra Plast 2K Fiber Reinforced should be applied to the entire surface in at least 2 coats using an insulation pump, brush, roller, or trowel. Each coat should be applied perpendicular to the previous one. A minimum of 24 hours should be allowed between coats.

CONSUMPTION

Application areas	Minimum application thickness (dry film)	Minimum consumption
Wet areas and swimming pools	2,0 mm	2,7 kg/m²
Temporary water insulation against pressurized water (accumulated groundwater	2,0 mm	2,7 kg/m²
Permanent water insulation against pressurized water (groundwater)	2,5 mm	3,3 kg/m²

TOOL CLEANING

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

PACKAGING

20 kg Set (10 kg liquid + 10 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 1504-2

TECHNICAL TABLE

ULTRA PLAST 2K FIBER	TECHNICAL INFORMATION
THE ESSENCE	Plastomeric polymer - Special cement
LIQUID COMPONENT	Plastomeric polymer emulsion- fiber
POWDER COMPONENT	Mineral Special Cement
FORM	Thick liquid
MIXTURE DENSITY	Average 1.20 kg/lt
USAGE PERIOD	Max. 45 minutes
TERM OF INSTITUTION	Minimum 24 hours
COLOUR	Gray

WARNINGS AND RECOMMENDATIONS

When mixing our product, only its own liquid should be used, except for the primer; absolutely no water should be added. Applied surfaces should be protected from direct sunlight, air currents, and frost for 3 days. 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.