POLYWAP ULTRA PLAST 2K E-CATALOG

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



DESCRIPTION FOR IT

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

AREAS OF USE

It is used in the interior and exterior 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, on old ceramic coatings with applied ceramic primer, in swimming pools, water tanks, water channels, in the production of prefabricated structures and container houses, and as a positive and negative waterproofing material.

APPLICATION SURFACES

Suitable for application on mineral surfaces such as concrete, stone, plaster, screed, and exposed 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. Applicability to all mineral and absorbent wood surfaces, ultra plastic structure and very high adhesion strength. Positive and negative applications. Easy, convenient and improved application properties. Quick transition to ceramic application. Safe to 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 should be between +5°C and +30°C during application. 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 (with Polywap iz K 6000).

TOOLS USED

Hand mixer, insulation pump, brush, roller, trowel.

SURFACE PREPARATION

If the surface to be applied is new, it must be clean, smooth, sound, and free from residues such as cement residue and loose particles, oil, dirt, rust, moss, and dust that would prevent adhesion. Inner corners should be beveled with WAP TH – 602 repair mortar, and outer corners should be rounded by mechanical shaving. For porous, damaged, or uneven surfaces, a scraping coat should be applied using a spatula or trowel with the mixed POLYWAP ULTRA PLAST 2K 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 product should be diluted with water at a ratio of 1/3 (polywap ultra plast 2k liquid component/water) and the surface should be primed to the extent that it absorbs the liquid, ensuring there is no poolin.

APPLICATION

Polywap Ultra Plast 2k; 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. After the mixture rests for 2 minutes, it should be mixed again before application. Polywap Ultra Plast 2k 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 waited between coats.

CONSUMPTION

Application areas	Minimum application thickness (dry film)	Minimum consumption
Wet areas and swimming pools	2,0 mm	2,5 kg/m²
Temporary water insulation against pressurized water (accumulated groundwater)	2,0 mm	2,5 kg/m²
Permanent water insulationagainst pressurized water(groundwater)	2,5 mm	3,1 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	TECHNICAL INFORMATION
THE ESSENCE	Plastomeric polymer - Special cement
LIQUID COMPONENT	Plastomeric polymer emulsion
POWDER COMPONENT	Mineral Special Cement
FORM	Thick liquid
MIXTURE DENSITY	Average 1.16 kg/lt
USAGE PERIOD	Max. 45 minutes
TERM OF INSTITUTION	Minimum 24 hours
COLOUR	Gray