POLYWAP ULTRA PLAST 2K UV E-CATALOG

PLASTOMERIC ACRYLIC POLYMER AND SPECIAL CEMENT BASED, UV RESISTANT, 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 uv resistance and two components.

AREAS OF USE

It is used in the exterior of all buildings; especially on terraces, side facades, as well as under ceramic tiles in balconies and similar wet areas, in old ceramic coverings with applied raw ceramic primer, in swimming pools, water tanks, water channels, and in the production of prefabricated buildings and container houses, as a positive and negative waterproofing material.

APPLICATION SURFACES

Suitable for application on mineral surfaces such as concrete, stone, plaster, screed, raw concrete in horizontal and vertical areas of outdoor 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, very high uv resistance and adhesion strength. Positive and negative applications. Easy, convenient and improved application properties. Allows for 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 clean, smooth, sound, and free from residues such as cement residue and loose particles, as well as oil, dirt, rust, moss, and dust that would prevent adhesion. Inner corners should be beveled with WAP TH602 repair mortar, and outer corners should be rounded by mechanical means. For perforated, damaged, or porous surfaces,a scraping coat should be applied with a spatula or trowel using the prepared POLYWAP ULTRA PLAST 2K UV mixture 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 UV product should be thinned by mixing it with water at a ratio of 1/3 (polywap ultra plast 2k uv liquid component/water) and the surface should be primed to the extent that it absorbs the liquid without pooling.

APPLICATION

Polywap Ultra Plast 2K UV; 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 UV 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 insulationagainst pressurized water (accumulated groundwater)	2,0 mm	2,5 kg/m²
Permanent water insulation against 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 UV	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	White