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POLYWAP ULTRA ELAST 2K UV FIBER TECHNICAL SPECIFICATIONS

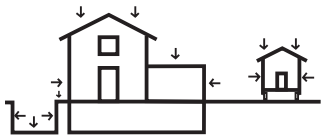
ELASTOMERIC ACRYLIC POLYMER AND SPECIAL CEMENT BASED, UV RESISTANT, FIBER REINFORCED, TWO COMPONENT, LIQUID WATERPROOFING MEMBRANE

DESCRIPTION FOR IT

A new generation, ultra elastomeric, liquid waterproofing membrane based on elastomeric acrylic polymer emulsion and special cement; it is uv resistant, fiber reinforced, and two component.

AREAS OF USE

Used as a positive and negative waterproofing material on the exteriors of all structures particularly terraces and facades as well as under ceramic tiles on balconies and similar wet areas, over existing ceramic coatings treated with a specialized ceramic primer, in swimming pools, water tanks, water channels, and in the production of prefabricated structures and container homes.



APPLICATION SURFACES

Suitable for application on horizontal and vertical exterior areas, including mineral surfaces (concrete, stone, plaster, screed, raw concrete), existing ceramic surfaces treated with a ceramic primer, and all absorbent wooden surfaces.

ADVANTAGES

Provides trouble free waterproofing for many years and features self renewing properties. High uv resistance. Applicable to all mineral and absorbent wooden surfaces; ultra elastic structure and very high adhesion strength. Can be painted over with all water based paints. Suitable for both positive and negative side applications. Easy, convenient, and improved application characteristics. Allows for a quick transition to ceramic tile installation. Safe for use over existing ceramic coatings treated with a specialized ceramic primer.

APPLICATION CONDITIONS

Application should not be performed in very hot or very humid weather. Ambient temperature during application must be between +5°C and +30°C. Do not apply to thawing or frozen surfaces, or to surfaces at risk of freezing within 24 hours. Dusty or crumbling old mineral surfaces must be repaired (using Polywap İZ K 6000) prior to 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 ELAST 2K UV FIBER 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 li

PRIMING

After all surface preparation and drying, the liquid component of our POLYWAP ULTRA ELAST 2K UV FIBER product should be thinned by mixing it with water at a ratio of 1/4 (polywap ultra elast 2k uv fiber liquid component/water) and the surface should be primed to the extent that it absorbs the liquid, ensuring there is no pooling.

APPLICATION

Polywap Ultra Elast 2K UV Fiber; For each coat, 4 kg of powder component should be slowly added to 12 kg of liquid component and mixed with a low speed mixer for approximately 2-3 minutes until a homogeneous consistency is achieved. The mixture should be allowed to rest for 2 minutes and then mixed again before application. Polywap Ultra Elast 2K UV Fiber 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 TABLE

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

16 kg set (12 kg liquid + 4 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 ELAST 2K UV FIBER	TECHNICAL INFORMATION
THE ESSENCE	Elastomeric polymer-Special cement
LIQUID COMPONENT	Elastomeric polymer emulsion fiber
POWDER COMPONENT	Mineral-based special cement
FORM	Dark Thick liquid
MIXTURE DENSITY	Average 1.14 kg/lt
USAGE PERIOD	Max. 60 minutes
TERM OF INSTITUTION	Minimum 24 hours
COLOUR	White

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.