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POLYWAP MS POLİMER TECHNICAL SPECIFICATIONS

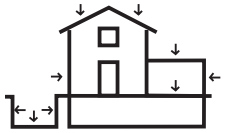
POLYMER AND SILICONE BASED, UV RESISTANT, SINGLE COMPONENT, WATER BASED LIQUID WATERPROOFING MEMBRANE

DESCRIPTION FOR IT

A single component, water based, liquid waterproofing membrane with a polymer and silicone based, superelastomeric structure and high uv resistance.

AREAS OF USE

It is used in interior and exterior spaces of buildings, especially in large, detailed flat and sloping roofs, terraces, outdoor kitchens, balconies, swimming pools, and similar wet areas for waterproofing under ceramic tiles. It is also used in the waterproofing of mineral surfaces such as concrete, plaster, and screed, in old bituminous shingle covered roofs, and as a waterproofing material under paints and coatings. Betopan can be applied for insulation purposes on the exterior facades of wooden clad container type structures.



APPLICATION SURFACES

Suitable for application on interior and exterior surfaces such as concrete, stone, plaster, screed, metal and wood.

ADVANTAGES

Ready to use, can be colored. High uv resistance. Its super elastomeric structure provides high resistance to temperature differences, light pedestrian traffic, and water pooling. Applicable to all mineral surfaces and has very high adhesion strength. Forms a seamless insulation layer. Easy and quick application with an insulation pump.

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.

TOOLS USED

Insulation pump, brush, roller, trowel, and spatula.

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; it must be free from frost. Inner corners should be beveled with WAP TH – 602 repair mortar, and outer corners should be rounded by mechanical means. The surfaces to be applied should be primed with POLYWAP MS POLYMER diluted at a ratio of 1/2 (polywapms polymer liquid/water). For perforated, damaged, or porous surfaces, a scraping coat should be applied with POLYWAP MS POLYMER using a spatula or trowel 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.

APPLICATION

Polywap MS polymer should be opened from the packaging and mixed with a low speed mixer for at least 1-2 minutes until a homogeneous consistency is achieved.It should be applied to the entire surface in 2 coats using a brush or insulation pump. The total application thickness should be determined according to the consumption table ratios based on the water pressure it will be subjected to. The second coat should be applied after the first coat has completely dried.

CONSUMPTION TABLE

Area of application	Minimum application thickness (dry film)	Minimum consumption
Non-water-accumulating floor insulation	1,0 mm	1,0 – 1,2 kg/m²
Temporary water-resistant insulation.	1,5 mm	1,5 – 1,8 kg/m²

TOOL CLEANING

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

PACKAGING

3 kg. – 10 kg. – 15 kg. Plastic bucket

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

MS POLİMER	TECHNICAL INFORMATION
THE ESSENCE	Elastomeric polymer - Silicone
COLOUR	White and blue
FORM	Medium-thick liquid
INTENSITY	Average 1.05 kg/lt.
WAITING TIME BETWEEN FLOORS	Minimum 6 hours
TERM OF INSTITUTION	Minimum 48 hours
TIME TO BECOME WATERPROOF	7 days
TIME TO GAIN MECHANİCAL STRENGTH	7 days

WARNINGS AND RECOMMENDATIONS

Absolutely no water should be added to the mixture. In applications using an insulation pump, the machinery should be cleaned immediately after the application is complete. Surfaces treated with Polywap MS polymer should be covered and protected from external conditions within a maximum of 3 days. After the drying period, it should be covered with a suitable material.For applications on terraces, a thermal insulation layer should be applied over the waterproofing layer.

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.