

ISONEM[®] MS POLYMER

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Waterproofing Products

Ms Polymer

ISONEM MS POLYMER is a pure polymer produced using the latest technology and has excellent properties. It is ready to use, UV resistant, glossy, elastic structure. It is used as exterior insulation material on terraces, roofs, balconies, and wet areas, concrete, screed, plaster, wood, metal surfaces, spray polyurethane heat insulation applied surfaces. It is open to light pedestrian traffic and it has quick workmanship.

USAGE AREAS

- Insulation of terrace roofs and balconies
- Facades
- Roofs, woods
- On old-based bitumen problematic insulation
- On asphalt and concrete floors

TECHNICAL SPECIFICATIONS

- Type : Water based, polymer, single component
- Density (25°C, g/mL) : 1.0 ± 0.10
- pH (25°C) : 7.0 - 9.0
- Viscosity (25°C, mPa.s) : 13000 - 15000
- Water Transmission Rate (kg/m². h^{0.5}) : ≤ 0.1, CLASS W₃
- Permeability to water vapour (m) : 5 ≤ sD ≤ 50, CLASS II

APPLICATION INFORMATION

Surface preparation : The floor must be strong, clean and resistant to load. All surfaces must be cleaned from oil, dirt and similar residues before application. ISONEM MS POLYMER is diluted with 200% water and applied to the surface with a hard brush as a primer. The primer should be left to dry for at least 1 hour after application.

Application Method : ISONEM MS POLYMER is ready to use. The primer is applied to the surface with a brush, roller or a suitable spray. Waiting time between the coats is at least 4 hours. The product is available in winter and summer types. 16 - 40 ° C for Summer application, 5 - 17 ° C for winter application.

CONSUMPTION:

MS Polymer Color Application : 500 g / m² single coat application
 5 kg : Min 10 m² / 1 bucket, 10 kg : Min 20 m² / 1 bucket,
 18 kg : Min 36 m² / 1 bucket

MS Polymer Transparent Application: 250-300 gr/m² single coat application
 5 kg : Min 20 m² / 1 bucket, 10 kg : Min 40 m² / 1 bucket,
 18 kg : Min 72 m² / 1 bucket

PACKING : 5 kg, 10 kg and 18 kg PE in buckets

COLOR : All requested can be produced in colors.

STORAGE: 24 months in original, unopened package, cool and dry environment.

IMPORTANT

The surface should be protected from rain, water, mechanical loads and impacts for 24 hours during and after the application. You must supply the product depending on the season of application summer or winter.

General Features



Provides %100 Waterproofing



B S1 d0 Fire Class



UV Resistance



Elastic Structure



Hygienic, does not contain any harmful substances



Can be customized with color chart



Application Conditions and Risks

Things to consider during and after the application

There should not be exposed to ponding, snow should not accumulate and also the surface should be inclined. A transition primer should be used for ceramics and marble. The product's itself should not be used as a primer for these surfaces.

ISONEM products for surface preparation

ISONEM MS Polymer is applied as a primer by diluting with water to 200%. (1 Part MS Polymer, 2 Part water) ISONEM Universal Primer should be used as a transition primer after diluting. The information on consumption and through-dry time depend on manufacturer instructions for Epoxy Primer or Anti Rust Primer.

Surface Floor	Concrete	Marble, Granite	Raw wood	Tile & Ceramic	Membrane, Shingle etc.	Steel & Metal
Application	in perpendicular to each layers	in perpendicular to each layers	in perpendicular to each layers	in perpendicular to each layers	in perpendicular to each layers	in perpendicular to each layers
Surface Humidity	Dry Surface	Dry Surface	Dry Surface	Dry Surface	Dry Surface	Dry Surface
Application Tools	Roller(synthetic epoxy), brush, spray, Long hairbrush	Roller(synthetic epoxy), brush, spray, Long hairbrush	Roller(synthetic epoxy), brush, spray, Long hairbrush	Roller(synthetic epoxy), brush, spray, Long hairbrush	Roller(synthetic epoxy), brush, spray, Long hairbrush	Roller(synthetic epoxy), brush, spray, Long hairbrush
Primer Usage	MSPOLYMER - Single layer (1 to 2 thinning)	Transition Primer	MSPOLYMER - Single layer (1 to 2 thinning)	MSPOLYMER - Single layer (1 to 2 thinning)	MSPOLYMER - Single layer (1 to 2 thinning)	Anti Rust
Primer.Conspt	100 - 200 gr / m ²	Consult the manufacturer	100 - 200 gr / m ²	100 - 200 gr / m ²	100 - 200 gr / m ²	Consult the manufacturer
Product Usage	2 Layers	2 Layers	2 Layers	2 Layers	2 Layers	2 Layers
Product.Conspt	Color: 500 gr/m ² Transparent: 250-300 gr/m ²	Color: 500 gr/m ² Transparent: 250-300 gr/m ²	Color: 500 gr/m ² Transparent: 250-300 gr/m ²	Color: 500 gr/m ² Transparent: 250-300 gr/m ²	Color: 500 gr/m ² Transparent: 250-300 gr/m ²	Color: 500 gr/m ² Transparent: 250-300 gr/m ²
Betw. Two Coats	4 Hours	4 Hours	4 Hours	4 Hours	4 Hours	4 Hours
Ready Veh. Traf	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours	24 Hours
Ready Pedst. Traf	3 Days	3 Days	3 Days	3 Days	3 Days	3 Days



Finishing



The information given in this technical data sheet has been prepared according to our knowledge, experiment results, and experiences. The correct and successful implementation of our products is completely beyond our control and responsibility. For this reason, our responsibility is limited to the quality of our product only, and this manual overrides all previous technical statements, descriptions and label information.

Our products are not classified by Biocidal Products Regulation