

ISONEM[®] MS 82

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Special Paints

Moisture Paint

It is a very strong synthetic insulation paint which has been modified by special chemicals and polymers to eliminate the moisture and dampness problems in the interior and exterior walls of the buildings because of natural conditions. It can be applied to any kind of humid or dry walls, painted and unpainted surfaces. Thanks to its excellent alkali and moisture resistance, it prevents the formation of moisture on the walls and destroys if there is any. The adhesion strength in all kinds of surfaces is extremely strong, does not swell, high chemical resistance, it is not affected by UV, rain, water or salt. It is used in interior and exterior walls, in basements, in garages or in cellars, in interior walls facing north and in humid areas. It forms a film layer showing excellent moisture resistance on the surface applied. Even if the paint or wall is humid, it adheres very well to the surface. It is not affected by salt water and efflorescence. Thanks to this feature, it is also used to solve the problem of paint swelling in buildings. While **ISONEM MS 82** penetrates into the walls and dries up the humidity inside the walls with the special chemicals in its ingredients. **ISONEM MS 82** paints do not cause any side effects on the applied surface.

USING AREAS

- On moist walls,
- On painted or non-painted walls affected by humidity
- On the interior and exterior walls of the foundation
- On the walls of the basement floor
- On surfaces and floors coated with plaster, concrete, alum, etc
- In tunnels, on the walls of buildings facing north
- In the elimination of problems arising from humidity and moisture.

APPLICATION INFORMATION

Surface Preparation : **ISONEM MS 82** moisture paint is ready to use, no primer is required. Formation in black color occurred on walls must be cleaned with **ISONEM NANO CLEAN PLUS** before application. The application surface may be humid, damp or dry. Suitable to Painted & unpainted surfaces. If there are swelling parts on the painted surfaces, the application surfaces should be cleaned and a tough surface should be obtained by using appropriate repair mortar.

Application Method : Open the **ISONEM MS 82** cover from its original package and mix thoroughly for 3 minutes. After the mixing process, it is recommended to apply with a brush, suitable sprayer or especially synthetic epoxy roller without diluting the product to the existing surface. Apply one coat and wait for 24 hours and apply the second coat.

CONSUMPTION : 500 - 600 g / m² (2 coats). **1 Kg :** 1.5 - 2 m² / 1 metal container.

5 Kg : 8 - 10 m² / 1 metal container

PACKAGING : 1 Kg and 5 Kg canister

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

TECHNICAL SPECIFICATIONS

- **Type :** Thermoplastic resin based, solvent based, single component
- **Color :** White
- **Viscosity [25°C, mPa.s] :** 2000 – 4000
- **Solid Content [% Weight] :** 70 ± 2
- **Drying time :** 24 hours
- **Water pressure resistance [0.28 kg/cm] :** 4psi

IMPORTANT

The surface should be protected from rain, water, mechanical loads and impacts for 24 hours during and after the application. Application areas need to be ventilated also mask, gloves and protective glasses should be used.

General Features

- Helps to prevent condensation
- B fl S1 Fire Class
- UV Resistance
- Helps to prevent mold and moisture formation on walls



Application Conditions and Risks

- Things to consider during and after the application** : The application surfaces must be clean and free from dirt, oil, rust etc...
- Applicable temperature** : Between +5 and +35°C
- ISONEM products for surface preparation** : ISONEM NANO CLEAN PLUS*
- Application Requirement** : ISONEM THERMAL PAINT is recommended instead of ISONEM MS 82 for problems caused by condensation.



Surface Floor	Concrete	Marble, Granite	Raw wood	Tile & Ceramic	Membrane, Shingle etc.	Steel & Metal
Application	Perpendicular to each layers	X	X	X	X	X
Surface Humidity	Dry /Slightly Humid / Dampness	X	X	X	X	X
Application Tools	Roller brush, a suitable spray	X	X	X	X	X
Primer Usage	X	X	X	X	X	X
Primer.Conspt	X	X	X	X	X	X
Product Usage	2 Layers	X	X	X	X	X
Product.Conspt	500 - 600 g/m ²	X	X	X	X	X
Betw.Two.Coats	24 Hours	X	X	X	X	X
	72 Hours	X	X	X	X	X



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