

# MS 82



**ANTI 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.

## USAGE 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** anti moisture paint is ready to use, no primer is required. Formation in black color that occurred on walls must be cleaned before application. The application surface may be humid, damp or dry. It can be applied to painted or unpainted all 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. The application areas should be ventilated well and also mask, gloves and protective glasses should be used during application.

## TECHNICAL SPECIFICATIONS

- Density (25°C, g/mL) : 1,40 ± 0,10
- pH (25°C) : Not applicable (N/A)
- Viscosity (25°C, mPa.s) : 2000 - 4000
- Solid content (% Weight) : 70 ± 2
- Water transmission rate (kg/ m<sup>2</sup>. h<sup>0.5</sup>) : < 0,1 CLASS W<sub>3</sub>
- Adhesion strength by pull-off test (N/mm<sup>2</sup>) : Rigid system without trafficking ≥ 1.0 N/mm<sup>2</sup>
- Permeability to water vapour (m) : 5 ≤ S<sub>D</sub> ≤ 50 CLASS II
- Solvent : Organic solvent
- Color : White
- Product consumption : 0,500 - 0,600 kg/m<sup>2</sup> (2 layers)
- Paintable (Coverage) Area : 1 kg: 1,5 - 2 m<sup>2</sup> /1 can  
5 kg: 8 - 10 m<sup>2</sup> /1 can

## PACKAGING & STORAGE

- Packaging : 1 kg and 5 kg can
- Storage temperature (°C) : 5 - 35 °C
- Shelf life : 24 months from date of production if stored in original, unopened, undamaged packages.
- Storage condition : Store tightly closed in a dry and cool place away from heat and fire.

## ! IMPORTANT

The surface should be protected from rain, water, mechanical loads and impacts for 24 hours during and after the application.

**The application areas should be ventilated well and also mask, gloves and protective glasses should be used during application.**

## APPLICATION CONDITIONS and RISKS

<b>Things to consider during and after the application</b>	The application surface must be clean and free from all impurities like dirt, oil, and mud. During and after the application, the area must be ventilated.
<b>Other ISONEM products recommended</b>	X
<b>Application temperature</b>	It should be applied between 5 - 35°C.



## General Features



	CONCRETE	MARBLE, GRANITE	RAW WOOD	TILE, CERAMICS	MEMBRANE, SHINGLE	STEEL, METAL
Application	Horizontal / Vertical	X	X	X	X	X
Surface Humidity	Dry / Humid surface	X	X	X	X	X
Application Tools	Roller (synthetic epoxy), brush, spray	X	X	X	X	X
Primer Usage		X	X	X	X	X
Primer Consumption	X	X	X	X	X	X
Product Usage	2 Layers	X	X	X	X	X
Product Consumption	0,5 - 0,6 kg/m <sup>2</sup> ( 2 Layers )	X	X	X	X	X
Between Two Coats	24 Hours	X	X	X	X	X
Touch-free Drying	24 Hours	X	X	X	X	X
Through Drying	72 Hours	X	X	X	X	X

Note : Drying times are approximate data, it may vary depending on ambient conditions.

