



## Transparent Liquid For Exterior Surfaces

It is a siloxane-based transparent insulation product which makes water impermeable without forming a film layer, without damaging view and texture on the absorbent surfaces on which it is applied. Because it does not form a film layer on the surface, it does not prevent, diminish or distort the breathing capacity of the building or stone. Does not make blackening and swelling. Alkali resistance is very high and can be applied easily in new or old concretes. It is used to prevent the efflorescence and staining due to the application of press bricks, natural, artificial stone or plasters. Because of inhibiting wetting, it prevents the heat insulation value of buildings from being lost. It protects the building from corrosion. Also extends the life of structures.

### USAGE AREAS

It is applied to all kinds of mineral based and absorbent surfaces. For example; Gross concrete, plaster, brick, briquette, travertine, natural stone, mosaic, gas concrete, tile etc. It is not applicable on non-absorbent surfaces such as marble, granite, glass, metal, plastic and horizontal absorbent surfaces. ISONEM MS 80 is used to protect the exterior walls of unpainted and absorbent surfaces from rain and its effects.

### PROPERTIES

- It is transparent, does not create a film layer, does not spoil the natural image, does not give a bright image as varnish.
- In-depth work has a high penetration property.
- It has high alkali resistance.
- Does not prevent structures from breathing.
- Long lasting and economical.
- Prevents contamination, darkening, and discoloration from the rain. Protects from frost damage and efflorescence.

### TECHNICAL SPECIFICATIONS

**Content** : Single component, siloxane based  
**Density** (25 ° C, g / mL) : 0.75 ± 0.10  
**Viscosity** (25 ° C, mPa.s): 0 - 500  
**Processing depth** (H, mm) : <10 CLASS I  
**Drying rate of hydrophobic impregnation** (H,%): > 10 CLASS I  
**COLOR** : Transparent  
**CONSUMPTION** : Depending on the absorbency of the surface 100-200 ml/m<sup>2</sup>. Min 35 m<sup>2</sup> / 1 tin can  
**STORAGE** : 24 months in original, unopened package, cool and dry environment.

### APPLICATION INFORMATION

**Surface Preparation** : Application surfaces must be dry, solid and all kinds of dirt, oil, dust must be cleaned. It should not be applied on wet surfaces. The surface must be dry. The layers that reduce the absorbency of the surface should be cleaned. There should not be cracks larger than 1 mm on the application surface and should be repaired if there is any.

**Application Method**: The application should be done at least two layers top-down above via brush or spraying. The second layer should be applied before the first layer dry completely. No flammable materials should be used during application. Eye and skin contact should be avoided; gloves and goggles should be used.

**IMPORTANT**  
 The surface should be protected from rain, water, mechanical loads and impacts for 24 hours during and after the application. Flammable material should not be used during application.

**General Features**

- Provides %100 Waterproofing
- B fl S1 Fire Class
- Fast Drying

**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: x

Application requirement: The first layer application should be applied to a wet surface before drying completely.



Surface Floor	Concrete	Marble, Granite	Raw wood	Tile & Ceramic	Membrane, Shingle etc.	Steel & Metal
Application	Vertical	X	Vertical	X	Vertical	X
Surface Humidity	Dry Surface	X	Dry Surface	X	Dry Surface	X
Application Tools	Roller (synthetic epoxy), brush, spray	X	Brush, spray	X	Brush, spray	X
Primer Usage	X	X	X	X	X	X
Primer.Conspt	X	X	X	X	X	X
Product Usage	2 Layers	X	2 Layers	X	2 Layers	X
Product.Conspt	100 - 200 mL/m <sup>2</sup>	X	100 - 200 mL/m <sup>2</sup>	X	100 - 200 mL/m <sup>2</sup>	X
Betw.Two.Coats	1 Hour	X	1 Hour	X	1 Hour	X
Application	24 Hours	X	24 Hours	X	24 Hours	X

