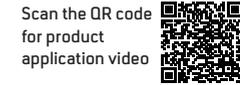


ISONEM® BE 89 2K



Waterproofing Products

Two Component Bitumen Based Liquid Membrane Waterproofing

ISONEM BE 89 2K is a two-component, bitumen+cement based which its elasticity and strength are improved with some additives and polymers, elastic and quick-drying water-based liquid membrane. After evaporation of the water in its structure, it strongly adheres to the surface it is applied and forms an elastic and water resistant coating.

USAGE AREA

ISONEM BE 89 2K is used for the insulation of leakage water on all horizontal and vertical surfaces, external insulation of foundation, cellar, and basement walls, closed wet areas such as bathroom, kitchen, toilet. For insulation applications on large cracked surfaces or higher pressure water, insulation mesh etc. used with reinforcement.

ADVANTAGES

- It creates a seamless and continuous insulation layer.
- It is environmentally friendly because it is water-based.
- The water in the mixture provides a good adhesion even if the surface is humid. Also provides It permanent elasticity.
- It has a high cracking resistance capacity.
- Cold application. Does not require heating and thinning.
- It can be used safely in closed places as it does not contain flammable materials.

TECHNICAL SPECIFICATIONS

Type : Two-component, bitumen emulsion and cement based

Thinning : Water

Density (Mixture, g/mL) : 1,2

Through Drying : 4 – 5 hours

APPLICATION INFORMATION

Surface Preparation : The surface to be coated must be clean, dry and strong. All impurities that can affect the adhesion must be cleaned and the surface thoroughly washed with water. Cracks and gaps should be repaired with ISONEM M 03 Elastic Repair Mortar.

Application Method : ISONEM BE 89 2K is applied cold. Powder components in the upper compartment of the combi plastic pail are cast into the lower compartment of the liquid component and mix until homogeneous by low-speed mixer. After mixing, it is applied with a brush, trowel or suitable spray. It dries in or slightly damp approximately 4-5 hours depending on weather conditions. It can be applied on dry, but not wet surfaces. It should not be applied in rainy weather or at temperatures below +5°C. At least two coats should be applied and a minimum of 4 hours should be waited between the coats.

PACKAGING : Two-component PE bucket with 18 kg liquid component (bottom compartment) and 6 kg powder component (upper compartment)

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

CONSUMPTION : Min 12 - 16 m² / bucket



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

General Features

- Provides %100 Waterproofing
- B S1 d0 Fire Class
- Elastic
- UV Resistance

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 M 03 Elastic Repair Mortar should be used for cracks and gaps.

Surface Floor	Concrete	Marble, Granite	Raw wood	Tile & Ceramic	Membrane, Shingle etc.	Steel & Metal
Application	in perpendicular to each others	X	X	X	X	X
Surface Humidity	Dry or Humid	X	X	X	X	X
Application Tools	Trowel, brush, 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	1,5 - 2 kg / m ²	X	X	X	X	X
Betw.Two.Coats	4 Hours	X	X	X	X	X
Ready to Use Time	24 Hours	X	X	X	X	X



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 ”