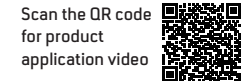


ISONEM[®] SELF LEVELLING 3K



Floor Coating

Solvent Free Epoxy Based Self Levelling Coating

ISONEM SELF LEVELLING 3K 1-3 mm thick floor coating, solvent free, easy to clean, chemical resistant and it has high mechanical strength. ISONEM SELF LEVELLING 3K is available in various colors and ideal for cleaning in sterile areas of hospitals, power plants and all kinds of industrial plants where dust-free flooring is required.

TECHNICAL SPECIFICATIONS		FEATURES
· Density [25°C, g/mL]	: 1,60 - 1,70	· Low odor
· Adherence To Concrete [kg/cm ² , adhesion]	: 40 – 50	· Extremely resistant to chemical substances, hard wearing.
· Pot Life [25 ° C]	: 30-40 Minutes	· Easy to clean does not crack.
· Hard Drying	: 1 Day	· It has attractive finish can be produced in any desired color.
· Through Drying	: 7 Days	

APPLICATION INFORMATION

Surface Preparation : All laitence and loose materials on the concrete surface must be cleaned by mechanically or by " Acid Etching ". When "Acid Etching is done, the surface must be washed and cleaned. Defects in the concrete surface should be repaired using ISONEM M 03. If there is oil absorbed on the surface, it should be flame cleaned. However, the areas where the oil penetrates too deep should be broken and repaired.

Primer Application : ISONEM EP PRIMER is a two-component material. Mix all of the hardeners onto the resin and mix to a uniform consistency. The material which is thoroughly mixed is applied to the surface by a hard brush or roller. For multi-porous surfaces, two coats may be required.

Method of Application : Each package consists of three components. First, add the hardener into the paint and mix until uniform. The filler material is then slowly added to the paint-hardener mixture. When the primer finishes its first hardening, it is applied with 1 - 3 mm thickly threaded trowel. Anti-slip granule: Granules can be used on the coating to prevent slipping if necessary. This process ensure a rough surface. This should be done 15-30 minutes after the application of the coating to ensure that the particles are not embedded in the mortar and adhere well to the surface. The coating may respond to pedestrian traffic as soon as it has completed its initial curing time, but 7 days are required for exposure to heavy loads and chemical effects.

APPLICATION OF SYSTEM : The concrete to be applied should be at least 225kg/cm² pressure strength, it should cure for 28 days and at the end of this period it should contain 5 % moisture at most. If the curing time of 28 days cannot be expected, consult the technical service.

CONSUMPTION:

- ISONEM EP PRIMER : 250 - 400 gr / m².
- ISONEM SELF LEVELLING 3K : 2 - 4,5 kg / m²
- Anti-Slip Granule : 20 kg package is approximately 200m². Min. 2,5 - 6 m² - set ISONEM SELF LEVELLING 3K.

COLOR : Produced in RAL colors.

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

PACKAGING : 12 kg set, A Component (Paint): 4.2 kg canister + B Component (Hardener): 1.8 kg canister + C Component (Mineral aggregate mixture): 6 kg plastic bucket

WARNING : Do not put uncured epoxy material in your mouth, keep away from food and drink. Do not place food in empty containers, even if they appear clean. Always wear gloves when in contact with a dry epoxy material. Clean up any contaminants with hot water and soap. Do not breathe vapor. Do not use below 5°C.

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

High Strength	Hygienic	CF1 S1 Fire Class
Perfect Spread	Chemical Resistance	Physical Resistance

Surface Floor						
	Concrete	Marble, Granite	Raw wood	Tile & Ceramic	Membrane, Shingle etc.	Steel & Metal
Application	Horizontal	Horizontal	Horizontal	Horizontal	X	Horizontal
Surface Humidity	Dry / Slightly Humid	Dry / Slightly Humid	Dry / Slightly Humid	Dry / Slightly Humid	X	Dry / Slightly Humid
Application Tools	Threaded trowel	Threaded trowel	Threaded trowel	Threaded trowel	X	Threaded trowel
Primer Usage	ISONEM EP PRIMER	ISONEM EP PRIMER	ISONEM EP PRIMER	ISONEM EP PRIMER	X	ISONEM EP PRIMER
Primer.Conspt	0,25 - 0,4 kg/m ²	0,25 - 0,4 kg/m ²	0,25 - 0,4 kg/m ²	0,25 - 0,4 kg/m ²	X	0,25 - 0,4 kg/m ²
Product Usage	1 Layer	1 Layer	1 Layer	1 Layer	X	1 Layer
Product.Conspt	2 - 4,5 kg/m ²	2 - 4,5 kg/m ²	2 - 4,5 kg/m ²	2 - 4,5 kg/m ²	X	2 - 4,5 kg/m ²
Betw.Two.Coats Application	X	X	X	X	X	X
	7 Days	7 Days	7 Days	7 Days	X	7 Days

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 EP PRIMER should be used as primer application. Use ISONEM M03 for surface repairs if required.

Application Conditions

Wait 1 day after primer application. Use a Spiked roller To avoid traces of air bubbles and trowel on the surface.



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 "