



EPOZEM

Mintepox® Epoxy Primer 210 MT

PRODUCT FACT SHEET

PRODUCT DESCRIPTION

It is a two-component, solvent-free, epoxy binder, moisture-tolerant impregnating primer material developed for damp concrete floors.

USES

On damp concrete floors, it provides adhesion before epoxy and polyurethane-based floor coatings.

As a preservative that hardens the surface and prevents dusting on concrete floors where there is no heavy traffic, without topcoats on it, As a primer or polish of epoxy and polyurethane coatings on freshly cast self-leveling / balance screeds. In order to strengthen the infrastructure in parquet, PVC, carpet applications, to increase and create adhesion resistance, It is applied on all damp vertical and horizontal concrete surfaces in the priming of concrete before polyurethane or polyurea-based roof and terrace insulations to be made outdoors in adverse weather conditions. After the application, a slight roughness should be created by throwing sand on it while it is still wet. Then the coating should be manufactured. Epoxy repair and filling mortar, which can be applied fluidly or dry according to the requirement by mixing with silica sands in various granulometry, can also be used as a surface leveling material.

ADVANTAGES

- It is solvent-free.
- It can be cured at temperatures as low as 5°C.
- It fills the pores on concrete and similar surfaces where it is applied and strengthens its structure.
- It is resistant to water, moisture, oil and chemical materials, forming an impermeable layer.
- After the correct surface preparation is made, it provides excellent adherence under epoxy and polyurethane coating systems, provided that sand is applied on the primer application to create a slight roughness.

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TECHNICAL SPECIFICATIONS

Composition	A+B (epoxy + hardener)
View	A Liquid – B Liquid
Colour	A Transparent – B Red Brown
Viscosity	A 500 – B 700 (23°C) (MPa)
Density	A 1.07 – B 0.99
Solids Ratio	%100

APP INFORMATION

Mixing Ratio	2:1 (A:B)
Mix Color	Red Brown
Mixture Viscosity	500 (23°C) (MPa)
Mixture Density	1.05 g/cm ³ (0.01±) at 20°C
Availability Period	40 minutes (at 20°C, 50% RH)
Dry to the Touch	6 Hours
Foot Traffic	12 Hours
Final Curing	7 Days

STRENGTHS

Adhesion Strength	3.37 (MPa) (N/mm ²)
Abrasion Resistance	< 3000 (mg)
Shore D Hardness	> 70 (DIN 53505) (ASTM D 2240)
Chemical Resistance	It is resistant to mineral, vegetable, animal and hydraulic oils, detergents, soda and salt solutions and dilute acids. Consult for chemical resistance table.



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SURFACE PREPARATION

The surface to be applied is cleaned of substances such as dust, rust and dirt with a vacuum cleaner. Oil and grease are burned with special combustion apparatus. Free particles on the surface must be completely removed. Cracks must be repaired. Joints must be repaired. Smooth surfaces should be roughened by mechanical methods.

TOOL CLEANING

It is made with industrial solvents immediately after use.

STORAGE-SHELF LIFE

When stored under 35°C with frost protection, the waiting period in its original packaging is 12 months.

It may crystallize below 10°C, care should be taken.

APPLICATION

In the packaging of component A itself, component B should be added and mixed with a low-speed drill for about 3 minutes. Application should be done with a roller or brush. The applicability time of the mixture is about 30 minutes, depending on the air temperature. A homogeneous film layer should be formed on the surface. The applied ground should be protected from water for 4-5 hours. After the primer is cured, the final coat should be applied within 12 hours at the earliest and 24 hours at the latest.

CONSUMPTION

Depending on the absorbency of the surface to be applied, the approximate average consumption is 0.150-0.300 kg/m².

PACKING

As a set of 12+6 kg.



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ALERTS

Since it emits toxic gases until it dries, forced ventilation should be provided and health measures should be taken when it needs to be used indoors. (P 38–23)

Do not leave the box lid open. (S 7)

Do not expose to direct sunlight and heat. (S 3/15)

Keep out of reach of children. (S 2)

Eyes and skin should be protected when working with all chemicals. (S 24/25)

Since this technical bulletin has been prepared by taking into account the general conditions, please get written information for the details that are not sufficient above. Otherwise, errors caused by lack of information do not impose responsibility on our company. This technical bulletin supersedes any previous bulletins relating to this product.

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