



# EPOZEM

## Mintepox® Epoxy Primer Prefilled

### PRODUCT DATA SHEET

#### PRODUCT DESCRIPTION

It is a two-component, solvent-free, low-viscosity, epoxy-based filled primer material.

#### USES

As a primer on concrete, metal, wood and similar materials before the application of polyurethane coatings and epoxy-based topcoat floor systems, As a preservative that hardens the surface and prevents dusting on concrete floors where there is no heavy traffic, without topcoats on it, As primer or lacquer of epoxy and polyurethane coatings on freshly poured self leveling/balance screeds, To strengthen the infrastructure in parquet, PVC, carpet applications, to increase adhesion resistance, 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 fills the pores on the concrete and similar surfaces where it is applied.
- It is an easy-to-use, sturdy and hard primer after curing.
- It is resistant to water and chemical materials.
- Once the correct surface preparation is done, it provides excellent adherence under epoxy and polyurethane coating systems.



## TECHNICAL SPECIFICATIONS

Composition	A+B (epoxy + hardener)
View	Liquid A – Liquid B
Colour	A Beige – B (Yellowish transparent)
Viscosity	A 1700 – B 700 (23°C) (MPa)
Density	A 1.67 – B 0.99
Solids Ratio	%100

## APPLICATION INFORMATION

Mixing Ratio	5:1 (A:B)
Mix Color	Beige
Mixture Viscosity	1500 (23°C) (MPa)
Mixture Density	1.45 gr/cm <sup>3</sup> at 20°C (±0.01)
Availability Time	40 minutes (at 20°C, 50% RH)
Dryness to the touch	6 Hours
Pedestrian Traffic	12 Hours
Final Curing	7 Days

## STRENGTHS

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

## SURFACE PREPARATION

The surface to be applied is cleaned of substances such as dust, rust, oil and dirt with a vacuum cleaner. Free particles on the surface must be completely removed. Cracks must be repaired. The joints must have been repaired. The surface must have a maximum moisture content of 4%. Smooth surfaces should be roughened by mechanical methods.

## APPLICATION

In the own packaging of component A, component B must be added and mixed with a low-speed drill for about 3 minutes. Application should be done with a roller or brush. The application time of the mixture is about 30 minutes, depending on the air temperature. The applied floor should be protected from water for 4-5 hours. After curing the primer, the topcoat should be applied within 12 hours at the earliest and 18 hours at the latest.



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## TOOL CLEANING

It is made with industrial solvents immediately after use.

## CONSUMPTION

Depending on the absorbency of the surface to be applied, the approximate average consumption is 0.300-0.450 kg/m<sup>2</sup>.

## STORAGE-SHELF LIFE

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

It can crystallize below 10°C; It should be noted.

## PACKING

As a set of 25+5 kg.

## ALERTS

Since it emits toxic gas until it dries, forced ventilation should be provided and health precautions should be taken when it should be used in closed places. (pp. 38–23)

Do not leave the tank lid open. (P 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. (P 24/25)

Since this technical bulletin has been prepared 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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