



# EPOZEM

## Mintepox® Epoxy Primer 205 SF

### PRODUCT DATA SHEET

#### PRODUCT DESCRIPTION

Double component , solvent free, transparent , low viscosity, epoxy primer.

#### USES

As a primer before epoxy and polyurethane based floorings, over concrete, metal, wood, asphalt and similar materials,  
As a single protective coating avoiding dust formation over concretes with light traffic,  
As a polisher or a primer to epoxy and polyurethane based floorings over new self levelling floors,  
To enforce the adhesion and floor under parquet, pvc and carpet applications,  
Mixing with different sizes of sand it can be used as a dry or fluid epoxy fixing or filling mortar, or to level the surface.

#### ADVANTAGES

- Solvent free.
- Fills the pores on the concrete or similar surdaces.
- It's a primer which is easy to apply but gets hard and solid after curing.
- Strong against water and chemical substances.
- Enhances a perfect adhesion below epoxy and polyurethane based floorings when the surface preparation is done properly.

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## TECHNICAL INFORMATION

Composition	A+B (epoxy + hardener)
Appearance	A Liquid – B Liquid
Color	A Transparent– Yellowish Transparent
Viscosity	A 500 – B 700 (23°C) (MPa)
Density	A 1,07 – B 0,99
Solid Content by Volume	%100
Shelf Life	24 Months
Storage Conditions	12 months between +5 °C and +35 °C
Packaging	12 + 6 kgs

## APPLICATION INFORMATION

Mixng Ratio	2:1 (A:B)
Mixture Color	Yellowish Transparent
Mixture Viscosity	500 (23°C) (MPa)
Mixture Density	At 20°C 1,05 gr/cm <sup>3</sup> (±0,01)
Pot Life	40 Minutes (At 20°C, %50 RH)
Curing Time for Light Traffic	12 Hours At 20°C
Full Curing Time (Shore Hardness)	7 Days

## STRENGTHS

Tensile Adhesion Strength	3.37 (MPa) (N/mm <sup>2</sup> )
Abrasion Strength	< 3000 (mg)
Shore D Hardness	> 70 (DIN 53505) (ASTM D 2240)
Chemical Strength	Strong against mineral oils, soda, salt, acids.



## **SURFACE PREPARATION**

The substrate must be sound, structurally stable, clean, dry and free of all contaminants such as dirt, oil, grease, cement laitance, wax, varnish, old adhesive residur, paint coatings which could affect adhesion All dust, loose material must be completely removed from all substrate types before the application, preferably by vacuum extraction equipment. All cracks and voids must be filled. Maximum moisture should be 4%. Shiny and glazed surfaces should be grinded to help a better adhesion.

## **APPLICATION**

Mix A Component with B and mix for 3 minutes with a mixer at slow speed. Then should be applied with a roller or brush. Depending on the warmth should be applied in around 30 mins. The applied flooring should be free from any kind of water for about 4-5 hours. After the curing the topping must be applied in min 12, max 18 hours.

## **CLEANING OF TOOLS**

Clean all tools with thinner or other industrial cleaners right after use. Cured material can only be removed mechanically.

## **CONSUMPTION**

According to the absorbance of the surface consumption varies around 0,150-0,300 kg/m<sup>2</sup>.

## **WARNINGS**

There should be a proper ventillation and medical precautions on the site as the material may exhale poisinous gas until the end of curing process. (S 38–23)

Don't leave the package cover open. (S 7)

Don't leave under the direct sunlight. (S 3/15)

Keep where the children cannot reach (S 2)

Eyes and skin should be protected during all kinds of works with chemical materials. (S 24/25)

Please ask us about any issues which are not mentioned on this data sheet. Otherwise the manufacturer can't be held responsible.