Pavistamp[®]

Paviplast Epoxi

Epoxy covering to water

Epoxy covering transparent water base with high resistance, in 2 components with Amine and Resins Epoxy.

Product

- High chemical resistance.
- Seals and waterproofs.
- Asphalt treatments seal.
- Great resistance to chemical agents.

Chemical resistance in inmersion

 Sulphur acid: 	10%	100 h	unaltered
 Phosphoric acid: 	75%	100 h	unaltered
Oleic acid:	100%	100 h	unaltered
 Caustic soda: 	20%	100 h	unaltered
• Xylene:	100%	100 h	unaltered
• Oil:	100%	100 h	unaltered
 Gasoline: 	100%	100 h	unaltered
 Fresh water: 	100%	6 months,	unaltered
Seawater:	100%	6 months,	unaltered

Characteristics

- Color: Transparent
- Density: 1.02 g/ml
- Solids by weight: 68% (A+B)
- Solids by volume: 68% (A+B)
- Viscosity: 16000 +/-3200 mPa
- Pot Life: >80 min.
- Drying to 25 °C: 4-6 h.
- Repainting at 25 °C: >14 h. / <36 h.
- Completed cured: ±7 days

*These times are contemplated to 20°C and they can oscillate depending on the ambient temperature.

The brightness resulting depends on factors like:

- Material temperature.
- Ambient humidity
- Ambient temperature
- Substrate porosity.



Enforcements

- Epoxy covering in water base for pavement and coating protection indoors.
- Protects from erosion to the pavements subjected to intense traffic.
- Protection from elements that do not admit solvent (porexpan, rubbers...)
- Intermediate layer between two incompatible painting systems.
- The coating brings a good mechanical resistance and solvent resistance.

Supports

- Microcement, Pavistamp Floor, Pavifluid200, concrete, boats wood, doors and windows...
- Due to its careful selection of resins and incorporated additives, the resulting coating is breathable to the residual humidity in wet support, therefore it is ideal for the superficial micro cements seal with a residual humidity from 10%-30%.
- Indoors

Uses

- Colorless finish or with color for indoors floor with excellent chemical and mechanical resistance.
- Primer for painting over concrete.
- Primer and finish for wet substrates
- Stratified with glass fiber.

Enforcements tips

- Application temperatures: 15-25°C.
- Storage temperature: 15-35°C.
- Apply with a good air renovation.
- Water base.
- Avoid splashes of the product in the eyes and skin.

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Execution conditions

- Over surfaces completely clean and without greases and other materials.
- Over cement base its setting has to be complete (<28 days).
- Over smooth surfaces, nonabsorbent... sand before and open
- porous, in order to secure a good anchorage.
- Fit in chemical installations, alimentary...
- Increases the hardness and resistance in front of abrasion.
- High mechanical resistances.
- Provides to the union a great traction and slip resistance

Usage way

Mix the 2 components A+B with a slow whisk until obtaining a perfect homogenizing. Once it is homogeneous the 2 components mixture, add the water quantity continuous shaking during 1 minute and let it rest during 10 minutes in order to slight the mixture.

Dillution conditions

• As primer (1 coat): 1 part of A+B plus 3 water parts. (Yield 0,12 kg/m2).

• Surface complete painting: apply 2 coats,

- 1st coat: 1 part of (A+B) + 1 water part
 - 2nd coat: 1 part of (A+B) + 0,2 water parts
 - (Yield: 0,1 kg/m2 per coat).

 Transparent finish: (1 coat): 1 product part A+B plus 0.2 water parts. (Yield 0,12 kg/m2).

• Stratified with Glass Fiber: (1 coat)

1 part of (A+B) plus 0.2 water parts.

(Approximate consumption 0.7 Kg/m2.)

* The 2 components mixture has a 90 minutes life time at 25°C approximately.

Application can be performed with airless, brush, roll...

* Between layers, a minimum 14 hours and a maximum 36 hours period has to take place at least. In the event of exceeding this maximum, a previous superficial sanding will be necessary.

Associated products

- *Microcement
- *Pavistamp floor
- *Pavifluid 200
- *Fiberglass





Packaging

25 kg pack (A+B)

Colors

Colorless, white, red... Others on demand

Consumption

8 - 9 m2/kg per layer (70-80 microns)

*These consumptions can oscillate depending on the support absorption.

Preservation

In original closed container (15-35°C) and sheltered from the elements and humidity: 1 year

🕂 IMPORTANT

The observations and prescriptions of this data sheet, although corresponding to our best experience, should be considered, in any case, purely indicative, and should be tested by exhaustive practical applications; therefore, before using the product, the user must establish whether or not it is suitable for the intended use, and assumes all liability that may arise from its use. Once the product has been handled or applied, the manufacturer shall not assume any claim whatsoever, nor any liability as to the manner, mode and conditions of application.