

L14 - POXINEUCE MICÁCEO

Epoxy micaceous iron oxide Primer

DESCRIPTION:



Two-component primer based on hardened epoxy resins with polyamide, containing zinc phosphate and micaceous iron oxide as anti-corrosive pigments.
It has good anti-corrosive power, forming a hard film after curing.

FEATURES:

- Good anticorrosive protection.
- Good adhesion.
- Good mechanical and chemical resistance

SPECIFICATIONS:

- **Density**.....1,800 ± 0,10
- **Viscosity**.....68 - 92 Ku (25 °C)
- **Color**.....Grey
- **% Solids in volume** 50 ± 3%
- **Superficial drying**.....± 2 hours.
- **Depth drying**.....± 24 hours.
- **Recoat**.....± 24 hours.
- **VOC (volatile organic compound)**...^{a)} EU limit value set for this product cat. (A/j) 500 g/l (2010). This product contains a maximum of 499 g/l VOC.

RECOMMENDED USE:

This two-component primer is appropriate to the anticorrosive protection of ferrous metallic surfaces, subjected to aggressive environments.
It is also used in the metal-mechanical industry in the painting of metallic which can be used as primer or middle layer.
It is a great support for finishes such as epoxy paint, chlorinated rubber or polyurethane.

SURFACE PREPARATION:

Very often, the pellicular defects of the paints are the consequence of a deficient surface preparation.
Therefore, before the application of this primer, to make sure that the metallic surface is dry, clean, free of rust or dirt, and properly degreased.
Stripping by sandblasting by degree Sa 2 ½ is the ideal.
When this is not possible and the iron presents superficial and deep rust, to apply "RUST CONVERTER" (Technical File K2) so to provide an efficient chemical treatment.

**MIXTURE
PREPARATION:**

“POXINEUCE MICÁCEO” is constituted by two components (Primer Base + Epoxy Hardener) which have to be closely mixed, in the indicated proportions, before to application.

The Primer Base has a certain tendency to leave deposits over time. To mix well the product before to use is recommended.

MIXTURE PROPORTION (5:1 in volume)

Primer Base.....100 Parts.(vol)
Epoxy Hardener.....20 Parts.(vol)

Once the two components are mixed, make the appropriate dilution.

APPLICATION:

The mixture is applied with a spray-gun (preferentially), or also by a paint-brush or a roller, in a single coat properly diluted but in sufficient layers to ensure a good performance (± 80 microns of dry film).

DILUTION:

With “EPOXY DILUENT”, in the approximate following proportions:

Paint-brush..... $\pm 10\%$ (Viscosity ± 70 " Ford IV).
Spray-gun..... $\pm 15\%$ (Viscosity ± 30 " Ford IV).

COVERAGE:

On average and per coat $8 \text{ m}^2/\text{l}$ (60 microns of dry film) of the mixture, which corresponds to a medium consumption of $\pm 0,13$ Liters/ m^2 .

CLEAN-UP:

With “EPOXY DILUENT” or "CELLULOSE DILUENT", right after the application.

**MIXTURE
LIFETIME:**

To only prepare the necessary amount of product to an hour of application.
The mixture will lose vitality over time (jellifying), and therefore, small amounts at a time should be prepared.
Mixture lifetime: ± 2 hours.

WARNING:

- To apply in places with a good air renewal.
- To use a mask when applied with a spray-gun.
- Inflammable product. In the case of a contact with the skin or the eyes, to wash with plenty of water.
- Toxic by inhalation or ingestion.

RECOMMENDATIONS:

- Do not apply with a rainy weather or temperatures inferior to 5°C.
- To mix the primer basis until its perfect homogenization and only then to make the mixture as indicated in the previous proportions. To reduce the storage time to a minimum to avoid sedimentation that requires the use of a mixer.

**STORAGE
AND
PACKAGING:**

Packages should be kept properly closed, in good environmental conditions of temperature and humidity, and spend the product on the chronological order of supply.

Do not keep more than 3 months in stock.

Is supplied in the following quantities:

- 4,8 Liters = 4,00 L. (Primer Basis) + 0,80 L. (Epoxy Hardener)
- 19,2 Liters = 16,00 L.(Primer Basis) + 3,20 L (Epoxy Hardener)

Note a) The value of the VOC previously mentioned concerns ready-to-use products, according to the technical specifications that we recommend. We do not take any responsibility for other mixtures made to the product. We draw special attention to all our agents for the responsibility that they take by not respecting what the Directive 2004/42/CE establishes.