L13 – POXINEUCE WA 4000
Epoxy Primer of Zinc (Two components)

DESCRIPTION:

Two-component primer based on hardened epoxy resins with polyamide, rich with zinc. It has an excellent resistance to bad weather, a good anticorrosive power, creating a hard film after cured.

FEATURES:

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

SPECIFICATIONS:

- **Density**….....2,250±0,10
- **Viscosity**.....102-138 Ku (25 ºC)
- **Color**.....Grey
- **Solids in volume** …… 51 ± 3%
- **Recommended dry thickness** ……. 50-75 µm per coat
- **Drying:**
  - **Dry-to-touch**..... ± 30 min at 20 ºC
  - **Recoat**..... 2-4 hours at 20 ºC
- **Total cure** ……± 7 days
- **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 493 g/l VOC.

RECOMMENDED USE:

This two-component primer is appropriate to the anticorrosive protection of ferrous metallic surfaces, subjected to aggressive environments such as: metallic structures exposed to industrial environments and even buried.

It is also used in the metal-mechanical industry as a primer of anticorrosive protection, in the painting of industrial machines and others subjected to adverse environments or chemical attacks.

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.

Important: to apply POXINEUCE WA 4000 as fast as possible after the surface preparation in order to prevent any contamination. Do not let the stripped steel without protection during the night. In case of a contamination, to eliminate the contaminants and to strip again the areas where it is needed.

MIXTURE PREPARATION:

POXINEUCE WA 4000 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 (4:1 in volume)

Primer Base.....80 Parts.(vol)
Epoxy Hardener.....20 Parts.(vol)

Once the two components are mixed (± during 5 minutes), make the appropriate dilution.

APPLICATION:

The mixture is applied with a conventional or airless 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 (± 50 to 75 µm of dry film).

DILUTION:

With "EPOXY DILUENT", in the approximate following proportions:

Paint-brush……...± 5% (Viscosity ± 70" Ford IV).
Spray-gun…….± 10% (Viscosity ± 30" Ford IV).

COVERAGE:

On average and per coat 7 m²/l of the mixture, at 75 µm, which corresponds to a medium consumption of ± 0,14 Liters/m².

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: 4-6 hours at 20ºC.

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 5ºC.
- 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.
- Drying mechanism, by solvents evaporation and chemical reaction between components.

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:

- 5 Liters = 4,000 L. (Primer Basis) + 1,000 L. (Epoxy Hardener)
- 20 Liters = 16,000 L.(Primer Basis) + 4,000 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.