

28.09 - POXINEUCE 300AC

Epoxy coating of quick drying

DESCRIPTION:



Based on cured epoxy resins with polyamide, high in anticorrosive pigments and zinc phosphate. This coating provides a good anticorrosive protection of iron / steel and quick drying.

FEATURES:

- Quick drying.
- Great anticorrosive protection.
- Does not have lead nor chromates.
- Good covering power and hardness.
- Good mechanical and chemical resistance.

SPECIFICATIONS:

- **Density**.....1,525 ± 0,10 (for grey)
- **Viscosity**.....106 - 130 Ku (25 °C)
- **Colour**.....Grey and others
- **Solids mixture (volume)** 57 ± 2%
- **Recommended dry thickness** 50-75 µm per coat
- **Drying:**
 - To touch**..... 2-3 hours at 20 °C
 - Repainting** 4-6 hours at 20 °C
- **Total cure** ± 7 days at 20 °C
- **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 388 g/l COV.

RECOMMENDED USE:

This two-component primer is appropriated to the anticorrosive protection of ferrous surfaces, subjected to aggressive environments such as industrial ones, steel structures, exterior pipes and tanks, in the chemical industry, wastewater treatment plants, etc.

It is also used for the protection of metallic structures, machines, and other surfaces, in new constructions or as a primer for industrial maintenance.

Can be used as an epoxide primer of general use for systems: epoxy, polyurethane, acrylic, etc...

In less aggressive environments, such as, rural zones, the interior of residential buildings, atmospheres with lower levels of contamination, it can be used as primer and coating.

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 the coating 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 300AC" is constituted by two components (Primer Base [comp.A] + Hardener Epoxy [comp.B]) 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.....100 Parts (in volume).
Epoxy Hardener.....25 Parts (in volume).

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

APPLICATION:

The mixture is applied with an airless or conventional 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.

DILUTION:

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

Paint-brush..... \pm 5%
Spray-gun.....5 a 10%

COVERAGE:

On average and per coat, 8-12 m²/l of the mixture for a dry film thickness of \pm 75-50 μ m.

FILM THICKNESS:

Can be specified in another thickness beside the one indicated, depending on the intended film and the used area. This way the coverage will be modified and able to influence the necessary dilution, the drying time and the recovering interval.

- CLEAN-UP:** With "EPOXY DILUENT" or "CELLULOSE DILUENT", right after the application.
- MIXTURE
LIFETIME:** Once the two components are mixed, to use the mixture during its lifetime, \pm 6-8 hours with 20°C.
The mixture will lose vitality over time (jellifying), and therefore, small amounts at a time should be prepared.
- WARNING:**
- To apply in places with a good air renewal.
 - To use a mask when applied with a spray-gun.
 - To keep out of reach of children.
 - For further information, the reading of our product **Safety Data Sheet** is essential.
- RECOMMENDATIONS:** The surface temperature shall be at least 3°C above the dew point and the maximum relative humidity inferior to 85% during the application and drying.
The drying mechanism is through 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 8 months in stock.
- Is supplied in the following quantities:
4L Poxineuce 300AC (comp.A) + 1L Poxineuce AC Hardener
16L Poxineuce 300AC (comp.A) + 4L Poxineuce AC 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.