

W23 – ASPHALT POXINEUCE Asphalt Epoxy Primer (2 Components)

DESCRIPTION: Asphalt Poxineuce is a two-component epoxy coating, multifunctional, that is to say, it works as well as a primer as a finishing, based on a combination of epoxy resins, coal tar and mineral fillers, highly resistant aimed at protecting iron, steel and concrete (or cement surfaces) when in underground or submerged.

FEATURES:

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

SPECIFICATIONS:

- **Density**.....1,080±0,10
- **Viscosity**.....74-100 Ku (25°C)
- **Colour**.....Black
- **Superficial drying**.....± 2 hours
- **Depth drying**.....± 24 hours
- **Recoat**.....± 24 hours
- **Final cure** 8 - 14 days
- **Solids in volume**..... 54 ± 2%
- **VOC (volatile organic compound)**...^{a)} EU limit value set for this product cat. (A/g) 500 g/l (2010). This product contains a maximum of 463 g/l VOC.

RECOMMENDED USE: This paint, of two components chemical reaction, is destined to the protection of iron and steel in structures exposed to aggressive environments, especially when submerged in water or in underground, such as: hydraulic works, floodgates and pipelines, etc..

Given its high chemical resistance, this product is appropriated for the coating of cement structures, which are in contact with very aggressive agents or environments, namely ETAR'S.

SURFACE PREPARATION: A good surface preparation is important. Therefore, before to apply this paint, to make sure that the metallic surface is dry, clean, free or rust or dirt and properly degreased. Stripping by sandblasting at Sa 2 ½ degree is the ideal. Concerning concrete or cement little absorbent, you shall sand with an abrasive blasting the surface since it increases the adhesion of the paint.

MIXTURE PREPARATION: ASPHALT POXINEUCE is constituted by two components: the Basis Paint and the Epoxy Hardener, which have to be closely mixed, in the following proportions, before the application:

MIXTURE PROPORTION (4:1 in volume):

Basis Paint.....80 parts (in volume)
Epoxy Hardener.....20 parts (in volume)

After the two components are mixed, to properly dilute.

APPLICATION: The mixture is applied with a paint-brush, or also with a roller, or even a spray-gun, in 2 to 3 coats, properly diluted and spaced out from 24 hours.
A thick layer is important for the product good performance.

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

Paint-brush.....5% (Viscosity \pm 50" Ford IV)
Spray-gun.....5 to 10% (Viscosity \pm 30" Ford IV)

COVERAGE: On average 7 m²/Lt of mixture and per coat, what corresponds to a medium consumption of \pm 0,15 Lt/m² for a dry film thickness of \pm 75 μ m.

CLEAN-UP: With “EPOXY DILUENT” or "CELLULOSE DILUENT", right after the application.

MIXTURE LIFETIME: To prepare only the necessary amount of product for an hour of application.
The mixture loses vitality over time (jellifying), and therefore, only small amounts at once should be prepared.
Mixture lifetime: \pm 2 hours at 23°C.

WARNING:

- To apply in places with a good air renewal.
- To avoid contact with the eyes and the skin, to use gloves, safety glasses and the appropriated clothing equipment. When applied with a spray gun, to use a mask.
- Inflammable. Very toxic for the environment.
- Keep out of reach of children.
- For further information, the reading of our **product Safety Data Sheet** is essential.

- RECOMMENDATIONS:**
- Do not apply with a rainy weather or with temperatures inferior to 5°C.
 - To mix the Basis Paint until its perfect homogenization and only then to effectuate the mixture in the indicated proportions.

In the case of strict mechanical requests to use the following scheme:

- One coat of “POXINEUCE WA 4000”
- 2 to 3 coats of “**ASPHALT EPOXY PRIMER**”

**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 1 month in stock.

It is supplied in the following quantities:

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| <ul style="list-style-type: none">▪ 5,0 Lt = 4,0 Lt (Basis Paint) + 1,0 Lt (Epoxy Hardener)▪ 20,0 Lt = 16,0 Lt (Basis Paint) + 4,0Lt (Epoxy Hardener) |
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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.