

## 29.18 – NEUCEPOX WB 82 Colored Water-based Epoxy Coating

### DESCRIPTION:



Formulated with epoxy resins cured with aminic adduct in a water based phase. This product, due to its chemical composition, allows finishes with a great chemical and mechanical resistance on iron or even on cement structures, in floors has good anti-static properties. Excellent resistance to fungus and algae appearance. **Product approved to be in contact with drinking water, test effectuated in accordance with the norm EN 1186-3.**

### FEATURES:

- Great adhesion.
- Great chemical resistance (alkalis, weak acids).
- Good resistance to wear.
- Good covering power.
- Allows operations of water cleaning, with detergents and with other cleaning products.
- Excellent resistance to humid scrubbing.
- Dissipates static electricity.

### CARACTERÍSTICAS:

- **Neucepox WB 82 Density**.....1,350 ± 0,10
- **Hardener Density**.....1,100 ± 0,10
- **Neucepox WB 82 Viscosity**.....82-112ku (25°C)
- **Hardener Viscosity**.....81-109ku (20°C)
- **Colour**.....White and others
- **Finishing**.....Glossy
- **Flashpoint**.....Non-flammable
- **% Solids in Volume**.....44±5%
- **Superficial Drying**.....±12 hours
- **Depth Drying**.....24 to 48 hours in good environmental conditions
- **VOC (volatile organic compound)**....<sup>a)</sup> EU limit value set for this product cat. (A/j) 140 g/l (2010). This product contains a maximum of 40 g/l VOC.
- **Classification of indoor air quality through the French Regulation and EN ISO 16000**... A<sup>+</sup> (LQAI.MC.02/19)

### RECOMMENDED USE:

- NEUCEPOX WB 82** has a wide field of application, namely:
- In the interior painting of drinking water reservoirs.
  - In the painting of pavements and walls; in the painting of paneling.
  - Over “carapas mass” or in the painting of walls subjected to frequent cleaning operations and to adverse agents’ action, such as walls of laboratories, factories, food areas, etc.
  - It is also applied as anticorrosive and resistant painting over metallic surfaces.

**SURFACE  
PREPARATION:**

Iron surfaces have to be clean, dry, free of oxides or dirt, degreased and, preferentially, protected with a primer of the “POXINEUCE” range. Cement surfaces (walls, pavements, reservoirs, etc.) have to be dry, hard, free of dusts, grease, dirt and badly adhered sands. Some porosity is important for a good adhesion. A cleaning of the surface with “CELLULOSE DILUENT” immediately before the application of **NEUCEPOX WB 82** is recommended.

**MIXTURE  
PREPARATION:**

NEUCEPOX WB 82 is constituted by two components, which have to be closely mixed, minutes before to application and in the following proportions.

**MIXTURE PROPORTION: (4:1)**

**NEUCEPOX WB 82**.....4 parts in weight.  
**NEUCEPOX WB HARDENER**.....1 part in weight.

Only after the 2 components are mixed, to proceed to a slow and proper dilution with water, not exceeding the 10%. After 15 minutes of rest, to start the application.

**MIXTURE  
LIFETIME:**

With dry and hot environment, the reaction is processed faster, while with cold and humid environment it is slower and consequently the drying time is delayed. The mixture lifetime is of 1,5 hours being, therefore, convenient to prepare only the amount of **NEUCEPOX WB 82** necessary for 1 hour of application.

**APPLICATION:**

To homogenize well the product before to apply. The application is to be realized preferentially with a roller or a paint-brush, or also with a spray-gun, in 2 to 3 coats properly diluted and spaced out from 12 to 24 hours. Concerning the painting of reservoirs or floors, to apply at least 3 coats, being the last coat applied without dilution. To apply only the following coat when the previous is dry. Concerning reservoirs, they should only be filled with water 7 to 10 days after the last coat.

**DILUTION:**

With water, having to be introduced slowly and with agitation, never exceeding the 10%.

**COVERAGE:**

Cement surfaces.....4 to 6 m<sup>2</sup>/Kg of mixture / per coat.  
Iron surfaces.....5 to 7 m<sup>2</sup>/Kg of mixture / per coat.

**CLEAN-UP:**

With water right after the application.

**WARNING:** Even through this product doesn't present any risk for health nor has an active smell, it is convenient to apply in places with a good air renewal. Avoid contact with skin. The product is easily removed with water while fresh. Keep out of reach of children. For further information, the reading of our product **Safety Data Sheet** is essential.

**RECOMMENDATIONS:** Do not apply the product if the surface is humid or the environment cold.  
Surface temperature: min.10°C max. 35°C  
Room temperature: min 10°C max. 35°C  
Room humidity: Inferior to 80%

**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.  
Use it, with preference, up to 1 year after its manufactured date, but it can also be used after this date, as long as a good homogenization of the product can be verified.  
It is supplied in the following quantities:

	<b>1 Kg</b>	<b>5Kg</b>	<b>15Kg</b>
NEUCEPOX WB 82 .....	0,800Kg.....	4,0Kg.....	12,0Kg
ENDURECEDOR			
NEUCEPOX WB .....	0,200Kg.....	1,0Kg.....	3,0Kg

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.