

29.20 – NEUCEPOX WB 105 Colorless Water-based Epoxy Coating

DESCRIPTION:



Formulated with epoxy resins cured with aminic adduct in a water based phase, this coating, due to its chemical composition, allows finishes with a great chemical and mechanical resistance over metallic surfaces or cement substrates.

FEATURES:

- Great adhesion.
- Great chemical resistance (alkalis, weak acids).
- Good resistance to wear.
- Allows operations of water cleaning, with detergents and with other cleaning products.

CARACTERÍSTICAS:

- **Neucepox WB 105 Density**.....1,050 ± 0,10
- **Hardener Density**.....1,100 ± 0,10
- **Neucepox WB 105 Viscosity**.....65-87 Ku (25°C)
- **Hardener Viscosity**.....81-10.9 Ku (25°C)
- **Finishing**.....Glossy, colorless
- **Superficial drying**.....±12 hours
- **Depth drying**.....24 to 48 hours in good environmental conditions
- **VOC (volatile organic compound)**...^{a)} EU limit value set for this product cat. (A/j) 140 g/l (2010). This product contains a maximum of 40 g/l VOC in the glossy finishing.
- **Classification of indoor air quality through the French Regulation and EN ISO 16000**... A⁺ (LQALMC.03/19)

RECOMMENDED USE:

NEUCEPOX WB 105 is used in the interior coating of drinking water reservoirs, in the coating of pavements and of cement substrates, as reinforcement and protection of paintings subjected to adverse agents action, etc. It is also applied in the coating of metallic surfaces, as protection.

SURFACE PREPARATION:

Metallic surfaces have to be clean, dry, free of oxides or dirt and properly degreased. Cement surfaces have to be clean, dry, hard, free of dusts, dirt and badly adhered sands. Some porosity is important for a good penetration.

MIXTURE PREPARATION: NEUCEPOX WB 105 is constituted by two components, which have to be closely mixed, minutes before to application and in the following proportions.

MIXTURE PROPORTION: (2:1)

NEUCEPOX WB 105.....2 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 105 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, in 2 to 3 coats properly diluted and spaced out from 12 hours. To apply only the following coat when the previous is dry.

DILUTION: With water, having to be introduced slowly and with agitation, in the following proportions:

1st and 2nd Coats.....Maximum of 10% with water
3rd coat.....Without dilution

COVERAGE: Cement surfaces.....4 to 6 m²/Kg of mixture and per coat
Metallic surfaces.....6 to 8 m²/Kg of mixture and 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. To avoid contact with skin, The product is easily removed with water while fresh.

RECOMMENDATIONS Do not apply NEUCEPOX WB 105 if the surface is humid or the environment cold.

**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:

	1,5 kg	7,5 kg	21kg
NEUCEPOX WB 105.....	1,0kg.....	5,0kg.....	14 kg
ENDURECEDOR			
NEUCEPOX WB	0,5kg.....	2,5kg.....	7 kg

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.