

S10 – NEUCEPOX V620 Epoxy Varnish – (Solvent-based 2 Components)

DESCRIPTION:

Formulated with reactive resins of solvent basis of epoxy root and of polyamide. **NEUCEPOX V620** is appropriated for chemical-resistant varnishing. Presenting a good hardness, a resistance to shocks, a resistance to certain solvents and to some acids and alkalis.

FEATURES:

- Excellent adhesion over metal and cement surfaces
- Good chemical and mechanical resistance
- Good coverage and long lasting
- Allows cleaning (humid scrubbing) with water, with detergents and other cleaning products.

SPECIFICATIONS:

- **Density**.....0,980 ± 0,10
- **Viscosity**.....35 ± 5” Ford IV (20°C)
- **Color** Colorless.
- **Finishing**.....Glossy.
- **Superficial drying**.....3 to 4 hours.
- **Depth drying**.....± 24 hours.
- **Total Hardening**.....3 to 5 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 500 g/l VOC.

RECOMMENDED USE:

NEUCEPOX V620 is very used as a varnish for cement structures, in the most diverse situations namely:

- Floors and warehouses.
- For the reinforcement of chemical-resistant paintings applied in walls of laboratories, factories, workshops, canteens, etc, subjected to frequent cleanings.

It is also applied in the protection and varnishing of light metals.

SURFACE PREPARATION:

The metallic surfaces have to be clean, dry, free of oxides or dirt, and degreased.

Cement surfaces (walls, 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 concrete with “CELLULOSE DILUENT SUPER”, immediately before the application of the **NEUCEPOX V620** is recommended.

**MIXTURE
PREPARATION:**

NEUCEPOX V620 is constituted by two components (the “NEUCEPOX V620” and the “NEUCEPOX V620 HARDENER”), which have to be closely mixed, minutes before to application and in the following proportions.

MIXTURE PROPORTION: (3:1)

NEUCEPOX V620.....3 parts in weight.
NEUCEPOX HARDENER.....1 part in weight.

As long as these proportions are respected, the product provides a good performance.

After are mixed, the mixture has to be properly diluted and rest for \pm 15 minutes to release the reaction products.

Only then, to start the application.

MIXTURE LIFETIME: With a dry and hot weather, the reaction is processed faster, while with a cold and humid weather the reaction is slower and the drying time is more extended.

The mixture lifetime is of approximately 6 hours. Starting from this moment, it is considered, although **NEUCEPOX V620** can still be applied, that it has already lost some properties. Therefore, only to prepare at once the necessary amount of varnish for each coat.

APPLICATION:

To homogenize well the product before to apply.

It is applied with a roller, a paint-brush and sometimes a spray-gun, in 2 to 3 coats, spaced out from 24 hours.

Concerning reservoirs varnishing, the application with 3 coats with a roller is usual.

To only put water in the reservoir 5 days after the last coat.

DILUTION:

The product is supplied ready to use.

COVERAGE:

On average and per coat: 8 to 10 m²/liter of the mixture.

WARNING:

- To apply in places with a good air renewal.
- To use a mask during the application.
- 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 by very humid or cold days. Humidity presence can originate “peelings”.

**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 2 years 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 kg	5 kg	20 kg
NEUCEPOX V620.....	0,750 kg.....	3,750 kg.....	15 kg
NEUCEPOX HARDENER.....	0,250 kg.....	1,250 kg.....	5 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.