

TECHNICAL DATA SHEET

Epoxol® 2004 (FLUID-SLOW)

Epoxol® 2004 is a two component solvent-free, low viscous epoxy system for repairing damages on cars, yachts, boats, fuel tanks, sewage piping. It is suitable for impregnation of carbon fibres, Kevlar fibres and fibreglass sheets.

Fields of applications

Epoxol® 2004 is recommended for metallic, concrete or cement-based surfaces (which need high mechanical and chemical resistance), storage tanks (for water, dilute solutions of acids, bases or salts).

Properties

Epoxol® 2004 is a two component solvent-free transparent epoxy system for coating based on selected resins and hardeners with significant strength and chemical resistance to alkalis, diluted acids, water, petroleum oils and many solvents. It grants a hard and glossy surface after curing.

Technical characteristics

Epoxy resin with hardener

Colour:	transparent, amber
Density (component A):	1,16 g/cm ³
Density (component B):	1,03 g/cm ³
Mixing ratio (weight proportion):	100A:50B
Working time (150g at 25°C):	60 min
Hardening time (touch free-25°C):	4-5 hours
Hardening time (touch dry-25°C):	24 hours
Recoating time:	24 hours
Total hardening/curing:	7 days
Consumption:	2 m ² /kg per layer

Instructions for use

Concrete surfaces: The surface should be rough (not smooth), levelled, free from dust, dirt, greasy and oily substances. The use of a primer is not necessary.

Metallic surfaces: Clean the surface from rust by sandblasting or with the use of a wire brush. Afterwards apply one or two coats of **Neopox® Special Primer No 1225** (mixing ratio 80A:20B) diluted 8-10% with **Solvent No 1021** to protect against rust.

Application: **Epoxol® 2004** is ready for use with brush or roller after mixing both components A&B thoroughly with low revolution mixer (3-5 minutes) in fixed proportion per weight. Then apply at least two layers.

Applying conditions: Hardening Temperature > +8°C and relative humidity < 80%.

Notes

- Low temperatures and high humidity during application prolong drying time, while high temperatures decrease it
- After stirring pour the mix soon enough in order to prevent high temperature and polymerization inside the pot.
- Product application should take place at least 4 weeks after casting the new concrete.

Cleaning of tools

Use **Solvent No 1021** immediately after application

Stain removal

Use **Solvent No 1021** when the stain is still fresh and damp. In case of hardened stains, use mechanical means.

Packing

Sets of 15 kg and 1, 5 kg available in metallic cans in fixed weight proportion of components A&B

Storage stability

24 months when the two components are kept sealed and separated in their unopened original containers (by temperatures 5-45°C).