L'UNICFLOOR · SOLVENT-FREE EPOXIES

Unepox Varnish ST 2K

Solvent-free epoxy varnish / clear coat

APPEARANCE
Transparent
clear liquid

1.1 g/cm³	100 %	90 min	4–6 h	0.300 kg/m²
Mass density (mixed)	Solids (by volume)	Pot life (20 °C)	Touch dry	at 300 µm

Product description

UNEPOX VARNISH ST 2K is a two-component, polyamine-cured, solvent-free epoxy clear varnish with low viscosity, good levelling and good chemical and mechanical resistance.

Primary uses

- Decorative self-levelling floors
- Casting applications and imitation jewellery
- Hobby applications
- Glitter and metallic applications

Advantages

- Good chemical and mechanical resistance
- Low viscosity
- Short curing periods, good low-temperature cure
- Antibacterial, easy to clean
- Seamless
- Good abrasion resistance
- Transparent
- Long pot life, very good levelling

Position in the system

Clear epoxy varnish — THIS PRODUCT
UNEPOX VARNISH ST 2K · 0.300 kg/m² at 300 µm

Decorative layer
Self-levelling · PVC chips · glitter / metallic

Substrate
Previous coat – dry, clean, roughened if needed

L'unicfloor decorative floors

Solvent-free clear coat for decorative epoxy

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Technical data (at +20 °C)

Colour	**Clear liquid**	Overcoating interval	**min. 24 h – max. 48 h**
Mass density (mixed, 20 °C)	**approx. 1.1 g/cm³**	Full cure	**7 days**
Solids (by volume)	**approx. 100 %**	Spreading rate	**1 m² / 0.300 kg at 300 µm DFT**
Pot life (20 °C)	**90 min**	Mixing ratio (by weight)	**100 : 30**
Touch dry	**4–6 h**	Shelf life	**min. 12 months**

Application procedure

01

Surface preparation

The previous coat must be dry, free of contamination and sufficiently roughened if necessary. Surface above +10 °C.

02

Mixing

Stir component A, add component B (100 : 30) and mix for 3 min with a low-speed mixer (200–300 rpm). Mixed material above +15 °C. Do not thin.

03

Application

Apply with a rubber squeegee for PVC-chip epoxy; brush or roller for other applications.

Mixing ratio (by weight)

100 parts	30 parts

○ **100 parts**
Resin – component A

● **30 parts**
Hardener – component B

Supplied as 15.4 kg A + 4.6 kg B.

Application conditions
above +10 °C
Surface above +10 °C; mixed material above +15 °C.

Spreading rate
0.300 kg/m²
For 300 µm average dry coating thickness.

Pot life
90 min
At +20 °C – clean tools within the pot life.

Important: do not thin the product. Clean all tools and equipment before the end of the pot life.

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Packaging

- 15.4 kg A + 4.6 kg B

Storage

- Store unopened in original packaging in closed, dry areas at +15…+35 °C.
- Shelf life: 12 months from manufacture.
- Do not expose to sun outdoors; protect from frost.

Safety

- Not hazardous when cured.
- Contains no formaldehyde, asbestos, mercury, lead or chromate.
- See the Material Safety Data Sheet (MSDS).

Cleaning

- Clean tools before the end of the pot life with UP-001 Thinner.

LEGAL NOTE

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