L'UNICFLOOR · SOLVENT-FREE EPOXIES

Unepox Varnish R60 2K

Solvent-free epoxy varnish / clear coat

APPEARANCE
Transparent
clear liquid

1.13 g/cm³	100 %	45 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 R60 2K is a two-component, polyamine-cured, solvent-free epoxy clear varnish with medium viscosity, good levelling and good chemical and mechanical resistance.

Primary uses

- Decorative self-levelling floors
- Casting applications
- Hobby applications

Advantages

- Good chemical and mechanical resistance
- Short curing periods, good low-temperature cure
- Seamless
- Transparent
- Medium viscosity
- Antibacterial, easy to clean
- Good abrasion resistance

Position in the system

Clear epoxy varnish — THIS PRODUCT
UNEPOX VARNISH R60 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

Technical data (at +20 °C)

Colour	**Clear liquid**
Mass density (mixed, 20 °C)	**approx. 1.13 g/cm³**
Solids (by volume)	**approx. 100 %**
Pot life (20 °C)	**45 min**
Touch dry	**4–6 h**

Overcoating interval	**min. 24 h – max. 48 h**
Full cure	**7 days**
Spreading rate	**1 m² / 0.300 kg at 300 µm DFT**
Mixing ratio (by weight)	**100 : 60**
Shelf life	**min. 12 months**

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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 : 60) 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	60 parts

- **100 parts** — Resin – component A
- **60 parts** — Hardener – component B

Supplied as 12.5 kg A + 7.5 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
45 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.

Packaging

- 12.5 kg A + 7.5 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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