L'UNICFLOOR · EPOXY PRIMERS

Unepox 128-05 SF Primer

Solvent-free filled epoxy-based primer

APPEARANCE
Brownish hazy
solvent-free primer

1.36 g/cm³	100 %	10–25 min	6–8 h	0.350 kg/m²
Mass density (20 °C)	Solids (by volume)	Gel time, 20 kg (20 °C)	Touch dry (20 °C)	Estimated consumption

Product description

UNEPOX 128-05 SF PRIMER is a two-component, polyamine-cured, solvent-free filled epoxy primer for concrete. It gives perfect adhesion, good resistance to water and oil, and cures well at low temperature.

Primary uses

- Chemical storage areas
- Hospitals and laboratories
- Bottling plants
- Forklift traffic areas
- Shopping centres
- Automotive industry

Advantages

- 100 % solvent-free
- Perfect adhesion
- Good resistance to water and oil
- Good low-temperature cure
- Easy application
- VOC 26 g/l

Position in the system

Floor coating
L'unicfloor epoxy floor system

Primer — THIS PRODUCT
UNEPOX 128-05 SF PRIMER · 1 coat

Substrate
Concrete, min. 28 days

L'unicfloor epoxy systems

Solvent-free primer for epoxy floors

BOYTEM BOYA VE KİMYA SANAYİ TİCARET LİMİTED ŞİRKETİ
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Technical data (at +20 °C)

Component A / B	**Epoxy resin / epoxy hardener**	Touch dry (20 °C)	**6–8 h**
Colour	**Brownish hazy**	Overcoating time (20 °C)	**24 h**
Mass density (20 °C)	**1.36 g/cm³**	Full cure	**7 days**
Solids (by volume)	**100 %**	Number of coats	**1**
Surface & room temperature	**+10 °C to +30 °C**	VOC content	**26 g/l**
Coverage at 80 µm DFT	**8–9 m²/kg**	Mixing ratio (by weight)	**65 : 35**
Gel time, 20 kg (20 °C)	**10–25 min**	Shelf life	**12 months**

Chemical resistance

Dilute acids · Cleaning detergents · Vegetable, animal & mineral oils · Diesel & gasoline · Many solvents

Application procedure

01
Surface preparation
Clean the surface of grease, dust and contamination. New concrete min. 28 days old. Repair depressions and cracks first.

02
Mixing
Stir component A, add B (65 : 35 by weight) and mix 3 min with a low-speed electric mixer until homogeneous. Mix temperature above +15 °C.

03
Application
Apply with a trowel – estimated consumption 0.350 kg/m². Do not thin.

04
Next layer
Wait min. 24 h / max. 48 h between layers; after 48 h, sand for good adhesion.

Mixing ratio (by weight)

65 parts | **35 parts**

- **65 parts** — Component A – epoxy resin
- **35 parts** — Component B – hardener

Supplied as 13 kg A + 7 kg B. Never add solvent.

Application conditions
+10 °C – +30 °C
Surface and room temperature; RH max. 75 %.

Consumption
0.350 kg/m²
Estimated – consult Unica technical department on thickness.

Gel time
10–25 min
20 kg mix at 20 °C.

unica | Boytem
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Important: protect the new coating from water for the first 24 hours. Low temperatures cause levelling and bubble problems, high temperatures shorten drying time.

Points to consider

- Do not mix by hand – use a low-speed electric mixer.
- Test compatibility and adhesion over existing coatings.
- Do not keep materials outdoors or in direct sun.
- Jobsite trials are recommended to agree on finish, consumption and skid resistance.

Packaging

- Component A: 13 kg
- Component B: 7 kg

Storage

- Store sealed indoors in dry premises at +14…+35 °C.
- Shelf life: 12 months from production.

Safety

- Refer to the latest Material Safety Data Sheet for safe handling, storage and disposal.

Cleaning

- Clean all tools within the pot life with UP-002 Thinner.

LEGAL NOTE

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