L'UNICFLOOR · ANTICORROSIVE PRIMERS

Unepox Shop Primer 2K

Solvent-based epoxy metal shop primer

COLOUR
Oxide red
shop primer

1.48 g/cm³	55 %	½–1 h	8 h	6 m²/kg
Mass density (mixed)	Solids (by volume)	Touch dry	Pot life (20 °C)	at 80 µm DFT

Product description

UNEPOX SHOP PRIMER 2K is a two-component, polyamide-cured, high-build epoxy shop primer. It is a general-purpose primer in anticorrosive coating systems for steel and can be overcoated with alkyd, chlorinated rubber, epoxy and polyurethane systems.

Principal characteristics

- General-purpose epoxy primer in anticorrosive systems for steel
- Good adhesion to steel and non-ferrous metals
- Short to medium-term protection of wet blast-cleaned steel during storage and construction

Advantages

- Cures down to +5 °C
- Long pot life
- Good water and corrosion resistance
- Overcoatable with alkyd, CR, epoxy and PU
- High-build film
- Airless, air spray, brush or roller

Position in the system

Topcoat
Alkyd · chlorinated rubber · epoxy · PU

Shop primer — THIS PRODUCT
UNEPOX SHOP PRIMER 2K · 80 µm DFT

Substrate
Steel Sa 2½ / St 3 · galvanised · non-ferrous

L'unicfloor anticorrosive systems

Shop primer for steel fabrication

ISO Sa 2½ · St 3
Recommended surface preparation

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

Colour	**Oxide red**	Full cure	**7 days**
Mass density (mixed, 20 °C)	**approx. 1.48 g/cm³**	Pot life (20 °C)	**8 h**
Solids (by volume)	**approx. 55 %**	Mixing ratio (by weight)	**85 : 15**
Touch dry	**½–1 h**	Spreading rate	**6 m²/kg at 80 µm DFT**
Curing time	**24–36 h**	Shelf life	**12 months**
Overcoating interval	**min. 24 h – max. 48 h**		

Application procedure

01

Surface preparation

Immersion: steel blast-cleaned to ISO Sa 2½. Atmospheric: preferably Sa 2½ or St 3. Clean galvanised steel of grease, salts and contamination.

02

Mixing

Mix base and hardener 85 : 15 by weight; mixed material above +10 °C. Add thinner only after mixing.

03

Application

Airless or air spray: 0–20 % **UP-002 Thinner**. Brush or roller: 0–10 %. Too much solvent causes sagging.

04

Overcoating

Overcoat after min. 24 h, max. 48 h at 20 °C. Full cure after 7 days.

Mixing ratio (by weight)

85 parts | **15 parts**

- **85 parts** — Base
- **15 parts** — Hardener – polyamide

Supplied as 4.5 kg base + 0.500 kg hardener or 18 kg base + 2 kg hardener.

Application conditions
above +5 °C
Surface ≥ 3 °C above dew point; mixed material above +10 °C.

Spreading rate
6 m²/kg
Theoretical, at 80 µm average DFT.

Pot life
8 h
At +20 °C.

Important: add thinner only after mixing base and hardener – too much solvent causes sagging.

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Packaging

- 4.5 kg base + 0.500 kg hardener in cans
- 18 kg base + 2 kg hardener in tin cans

Storage

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

Safety

- Component A contains epoxy resin, B alkali amide – may cause skin sensitisation.
- Ensure ventilation, especially when heated or sprayed.
- Wear protective clothing, goggles, mask and gloves.
- Keep containers closed; wash hands and equipment after use.

Cleaning

- Cleaning solvent: UP-002 Thinner.

LEGAL NOTE

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