L'UNICFLOOR · WATER-BASED EPOXY PRIMERS

Unepox Primer WB 2K

Two-component water-based epoxy primer for damp concrete

COLOUR
Milky amber
pigmented primer

1.0 g/cm³	34 %	12 h	2.2 MPa	7–8 m²/kg
Mass density	Solids (by volume)	Touch dry	Bond strength	Spreading rate, 1 coat

Product description

UNEPOX PRIMER WB 2K is a two-component, water-based epoxy primer for concrete under Unepox floor coatings. It penetrates the substrate, enhances adhesion and reduces bubbling and pinholes on porous concrete or under high-build topcoats – and can be applied on damp substrates.

Product use

- Primer on damp concrete / masonry where a high-build pigmented primer is needed
- Under Unepox floor coatings
- Sealer
- With wet surface-preparation methods

Advantages

- Waterborne
- Solvent-free
- Excellent adhesion
- Applies to damp concrete
- Rapid drying
- Reduces bubbles and pinholes

Position in the system

Floor coating
Unepox floor coatings

Primer
UNEPOX PRIMER WB 2K · 1 coat — THIS PRODUCT

Substrate
Concrete, min. 30 days · damp allowed

L'unicfloor epoxy systems

Water-based primer for damp concrete

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

Colour	**Milky amber**	Bond strength	**2.2 MPa**
Mass density (20 °C)	**1.0 g/cm³**	Spreading rate (1 coat)	**7–8 m²/kg**
Solids (by volume)	**34 %**	Mixing ratio	**3 : 1 (75 : 25)**
Touch dry	**12 h**	Light / normal / heavy foot traffic	**16 h / 24 h / 72 h**
Overcoating interval	**min. 24 h – max. 48 h**	Shelf life	**12 months**
Full cure	**7 days**		

Application procedure

01

Surface preparation

New concrete ≥ 30 days at > 20 °C. Remove release agents, curing compounds, salts and hardeners by blasting or scarifying; degrease old concrete with strong detergent.

02

Mixing

Pour the stirred hardener into the resin can and mix 2–3 min with an electric or air mixer with metal blade.

03

Application

Pour onto the floor immediately and spread with a flat rubber squeegee, working the primer into the porous surface.

04

Top-coating

Top-coat after 6 h at 22 °C once track-free. Re-prime very porous concrete if pinholes appear.

Mixing ratio



75
Part A

25
Part B

Mix the complete kit: 75 parts A : 25 parts B.

Curing
16–72 h
Min. 16 h above 21 °C, 72 h at 16–21 °C.

Spreading rate
7–8 m²/kg
One coat – depends on surface permeability and porosity.

Bond strength
2.2 MPa
Over properly prepared concrete.

Important: do not bond directly to hardwood, plywood, particle board, parquet, cushion or sponge-back vinyl, metal, fibreglass or plastic.

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Points to consider

- Hot weather accelerates curing and shortens working time; cold weather slows it.
- Maintain good ventilation and avoid breathing vapours.
- Do not work more than one unit at a time.

Packaging

- 20 kg units of part A & B in metal packages

Storage

- Store sealed indoors in dry premises at +10…+35 °C.
- Shelf life: 12 months from production.

Safety

- Wear gloves and face masks.
- See the product Safety Data Sheet for safe handling, occupational health and safety.

Cleaning

- Clean tools with water quickly after application.
- Do not allow epoxy to cure on tile surfaces.

LEGAL NOTE

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