L'UNICFLOOR · WATER-BASED EPOXY PRIMERS

Micro Primer WB 2K

Water-based epoxy primer for mineral surfaces

APPEARANCE
Colourless
transparent · matt

39.7 %	445 cP	60 min	5 h	0.080–0.100 kg/m²
Solids (by weight)	Viscosity	Pot life	Intercoat waiting time	Per coat · 30 µm DFT

Product description

MICRO PRIMER WB 2K is a new-generation, transparent, water-dilutable, two-component epoxy primer for vertical and horizontal mineral surfaces indoors. It has low viscosity and high penetration.

Product use

- Mineral-based decorative coatings
- Stone, lime, marble, natural or imitation stone
- Exposed brick
- Stamped concrete
- Concrete surfaces

Advantages

- Rapid drying
- High adhesion performance
- Non-toxic, odourless
- Low VOC – max. 50 g/l
- Matt finish
- Roller, brush or airless spray

Position in the system

Clear topcoat
PUD WB CLEARCOAT MATT / SEMI MATT 2K

Primer — THIS PRODUCT
MICRO PRIMER WB 2K · 0.080–0.100 kg/m²

Substrate
Mineral surfaces · stone · brick · concrete

Water-based decorative system

Primer under PUD WB clear topcoats

Surfaces primed with MICRO PRIMER WB 2K must be topcoated with PUD WB CLEARCOAT MATT / SEMI MATT 2K.

unica | Boytem
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Technical data (at +20 °C)

Colour	**Colourless**	Application temperature	**+10 °C to +35 °C**
Specific gravity	**A: 1.06 · B: 1.05 g/cm³**	Open to traffic	**12 °C / 24 h · 23 °C / 18 h · 30 °C / 12 h**
Solids (by weight)	**39.7 %**	Full cure	**7 days**
Viscosity	**445 cP**	Mixing ratio	**1 : 1**
Pot life	**approx. 60 min**	VOC	**max. 50 g/l (EU limit 140 g/l)**
Theoretical consumption	**0.080–0.100 kg/m² (1 coat, 30 µm)**	Shelf life	**12 months**
Intercoat waiting time	**5 h**		

Application procedure

01

Surface preparation

The surface must be completely dry, dust-free and free of oils and moisture-induced salt stains. Do not apply on uncured fresh concrete.

02

Mixing

Mix A and B separately, add B to A with a slow-speed mixer (1 : 1). For priming add up to 3 times the amount of tap water; mix 3 min, transfer, mix 1 min and rest.

03

Application

Apply with a brush, filling the pores of the substrate. Above +35 °C add a little extra water.

04

Topcoat

Recoat after 5 h with PUD WB CLEARCOAT MATT / SEMI MATT 2K.

Mixing ratio

1 part | **1 part**

- **1 part** Component A
- **1 part** Component B

For priming, up to three times the mixture amount of tap water can be added. Gel time 60 min.

Application conditions
+10 °C – +35 °C
Do not apply in high humidity environments.

Coverage
4–12 m²/l
Per coat: 4–8 m²/l on porous, 8–12 m²/l on average absorbent surfaces.

Pot life
60 min
Never use mixtures beyond their pot life.

Important: do not use mixtures that have exceeded their pot life, even if the viscosity still appears correct. Run a preliminary test to determine actual yield.

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Packaging

- 5 kg or 10 kg sets

Storage

- Store closed and protected at +15…+35 °C in a dry environment.
- If stored around +5 °C, bring to at least +10 °C before use – no direct heat.
- Shelf life: 12 months from manufacture.
- Use material from one batch per job; mix different batches together.

Safety

- Not classified as hazardous; contains no mercury, asbestos, formaldehyde or lead.
- Use suitable PPE.
- See the Material Safety Data Sheet.

Cleaning

- Clean equipment immediately after use with tap water.

LEGAL NOTE

The explanations provided in this technical data sheet are based on test evaluations and results conducted according to relevant standards and are intended to guide applicators. As workmanship, weather conditions, construction, equipment used and other variables that may affect results are entirely beyond our control, UNICA does not provide any explicit or implicit warranty regarding this material. UNICA only guarantees that the material conforms to its product specifications, and its sole responsibility towards the buyer or user of this product is limited to the replacement value of the product in case of manufacturing defects. Under no circumstances shall UNICA be liable for any direct or incidental, special or consequential injury, loss or damage arising from the material or its application. UNICA shall not be held responsible in any way for any defects, alterations or changes in conditions in the substrate where its products are applied.