L'UNICFLOOR · WATER-BASED EPOXY

Aquasilk 100 2K

Water-based epoxy impregnation lacquer – gloss / matt

APPEARANCE
Transparent
gloss or matt · milky when liquid

1.03 g/cm³	27 %	2–4 h	2 h	7 m²/kg
Density (20 °C)	Solids (by volume)	Touch dry	Pot life	Spreading rate

Product description

AQUASILK 100 2K is a two-component, water-based epoxy impregnation lacquer / primer that dries to a completely clear finish at any thickness and keeps its colour stability. Quick and simple to use, VOC-compliant and tough, with high resistance to stains, acids, graffiti and impact.

Application areas

- Impregnation of damp concrete surfaces
- Aesthetic shop floors with a natural concrete look
- Impregnation and coating of stone, wood, sheet piling, foundation walls and sumps

Advantages

- Clear at any thickness, colour-stable
- Good adhesion to concrete, stone, wood, metal and parquet
- Overcoatable with alkyd, CR, epoxy and PU
- Good scratch and chemical resistance
- Stain resistant
- Gloss or matt transparent finish
- Water-based – VOC compliant
- Cost-effective, easy application

Position in the system

Clear epoxy lacquer — THIS PRODUCT
AQUASILK 100 2K · 7 m²/kg

Substrate
Concrete · stone · wood · metal · parquet

L'unicfloor water-based epoxy

Clear impregnation for natural-look floors

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

Appearance (liquid)	**Milky, no extenders**	Full cure	**7 days**
Finish	**Gloss / matt transparent**	Pot life	**2 h**
Density (20 °C)	**1.03 g/cm³**	Curing	**down to +5 °C**
Solids (by volume)	**27 %**	Spreading rate	**7 m²/kg**
Touch dry	**2–4 h**	Mixing ratio (by weight)	**67 : 33**
Overcoating interval	**min. 24 h – max. 48 h**	Shelf life	**12 months**

Application procedure

01

Surface preparation

Surface must be clean and sound. Remove dirt, laitance, grease, curing compounds and foreign matter by mechanical abrasion; after acid etching, remove acidic water and dust by water jet or vacuum.

02

Mixing

Mix base and hardener 67 : 33 by weight, then add 10 % water. Mix thoroughly before and during use.

03

Application

Apply by brush or roller.

04

Overcoating

Overcoat after min. 24 h, max. 48 h. Full cure after 7 days.

Mixing ratio (by weight)



67 parts
Base

33 parts
Hardener

Add 10 % water after mixing the components.

Application conditions
above +5 °C
Surface temperature at least 3 °C above dew point.

Pot life
2 h
At 20 °C.

Spreading rate
7 m²/kg
Theoretical – depends on surface permeability and porosity.

Important: avoid breathing vapour and contact with skin or eyes; on contact wash thoroughly with water.

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Packaging

- 3.350 kg base + 1.650 kg hardener
- 13.4 kg base + 6.6 kg hardener
- In metal cans

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 all application equipment with tap water.

LEGAL NOTE

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