

MicroTopp PU 400W



TYPE OF PRODUCT

Two-component waterborne matt transparent top-coat based on polyurethane resin.

APPLICATION AREA

- Transparent seal coat on MicroTopp flooring system

PROPERTIES

- Matt surface appearance;
- Increased resistance to standard chemicals that can affect floor surface
- Increased wear and scratch resistance
- Easy maintenance of the floor
- Does not leave tire marks

TECHNICAL DATA

- Mixing ratio (by mass): Component A: Component B – 84,8 : 15,2 (100 : 18)
- Solid content: By weight: ~ 35,7 %
- Pot life: 6 h under standard conditions
- Drying/hardening time under standard conditions:
 - dust dry: after approx. 45 minutes
 - foot traffic: after approx. 24 hours
 - fully hardened: 3 days

MATERIAL PREPARATION

Stir the component A. Then add component B into component A and mix thoroughly, manually or with a mixer with a low speed (max. 400 r / min) until a homogeneous mixture. Leave the mixture to stay for the 15 minutes. Then pour the mixture into another container and mix again. The mixture should be used within 6 hours.

APPLICATION METHOD

Uniformly spread MicroTopp PU 400W by using a short pile microfiber roller. Apply the material crosswise and uniformly in a thin layer. Connected surfaces should be worked "wet on wet" to avoid visible over-lapping areas.

Last update: January 2025

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APPLICATION OF MICROTOPP SYSTEM

1. Apply one or two layers of MicroTopp BC with a metal steel trowel, depending on the type of substrate. On floor always apply two layers. Before application of the second layer, sand the first layer with abrasive paper 100/120 and remove dust. Apply the second layer 8-12 hours after applying the first layer.
2. Continue further surface preparation with the MicroTopp FC decorative cement. Apply one layer of MicroTopp FC with a metal steel trowel 12 hours after applying MicroTopp BC. Before application of the MicroTopp FC sand the layer of the MicroTopp BC with abrasive paper 120/150 and remove dust.
3. Continue with the work at least 12 hours after applying MicroTopp FC decorative cement. Sand the MicroTopp FC with abrasive paper 150/180 and remove dust. As a primer, use diluted PU 300W (with 5% of water). After 4 hours, apply the second coat of water-based transparent top coat PU 300W. Apply the final layer of transparent PU 400W coating 12-24 hours after applying the second layer of PU 300W coating.

APPLICATION CONDITIONS

Substrate and air temperature: min. +10 °C; max. +30 °C

Relative air humidity: max. 75 %, with adequate ventilation.

There must be no condensation. Pay attention to the dew point.

CLEANING

Clean all tools and application equipment with water immediately after use. Hardened and/or cured material can only be removed mechanically.

SPREADING RATE

0,08 - 0,12 kg/m² per layer – top coat.

PACKAGING

	Component A	Component B	Enough for:
2 kg (A+B)	1,70 kg	0,30 kg	cca 20 m ²
5 kg (A+B)	4,24 kg	0,76 kg	cca 50 m ²

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STORAGE

In dry and good ventilated space at temperatures from +5°C to +30°C.
Shelf life: 12 months. Keep from freezing and direct sun light.

COLOUR RANGE/GLOSS

Transparent, silk-glossy.

DISPOSAL

Empty packaging completely and dispose of in accordance with regulations. For the disposal of product residues, waste water and containers with adherent product residues please follow the local governmental regulations.

SAFETY PRECAUTIONS

See relevant material safety data sheet and label.

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