MICROTOPPING VARNISH MATTE

TWO-COMPONENT WATER-BASED ALIPHATIC POLYURETHANE

Very matte, UV-resistant.
High resistance to abrasion and scratches.
Enhanced chemical resistance.
Solvent-free — water-based.
Permanently elastic.

Walkable after approx. 12 h.
Mechanical load after 72 h.
Full load after 7 days.

90 g + 90 g	5 L = 30 m²	4 / 1	5 L
2 COATS	COVERAGE	HARDENER	PACKAGING

FIELD OF APPLICATION

Matte finish varnish for cast polyurethane floor systems. Used as a sealing coat over microtopping and similar substrates.

- Residential and living spaces
- Offices
- Retail areas
- Hospitality / Catering

SUBSTRATE PREPARATION

The substrate must be clean, dry and free from dust, grease and substances impairing adhesion. In case of doubt, carry out a test surface.

If the overcoat window (> 24 h) is exceeded, lightly sand and dust off before application.

TOOL CLEANING

Rinse immediately with warm soapy water. Cured material requires mechanical removal.

MAINTENANCE

Regular cleaning with soapy water or mineral detergent. Regular maintenance ensures good slip resistance.

APPLICATION — PREPARATION

Always mix complete units.

1. Shake component A well before use. Mix A and B for about 2 minutes with an electric mixer until a homogeneous blend is obtained.
2. Transfer to a clean container and remix for 1 minute.
3. Apply immediately after mixing with a microfibre roller (11 mm).

Avoid puddles and overlaps.

IMPORTANT NOTES

- Avoid significant temperature variations
- Wind- and watertight room; avoid drafts, dust, insects
- Switch off underfloor heating and air conditioning before application
- Ensure good ventilation during curing (fans pointed toward the ceiling)
- Avoid direct sunlight and drafts (risk of gloss differences)
- Corners inaccessible to the roller: pre-paint with a flat brush then roll over
- If overcoating after 24 h: lightly sand the 1st coat before applying the next

TECHNICAL DATA

Density	1.05 g/cm³
Dry film thickness	~ 30 - 50 µm
Gloss	Extra matte ~ 2 - 4 GU
Taber CS17 abrasion	≤ 40 mg
VOC	< 85 g/l (EU limit ≤ 140 g/l)
Solid content	~ 65 % by weight
Mixing ratio	Comp. A : B = 100 : 25
Packaging	5 kg (A: 4.0 kg + B: 1.0 kg)
Storage	6 months, +15 to +25 °C, frost-free
Consumption	90 g/m² per coat
Application temperature	+15 to +25 °C (optimal 18-22 °C)
Relative humidity	Max. 65 %
Pot life	~ 60 min at 20 °C
Tack-free	4 - 6 h at 20 °C
Walkable	~ 12 h at 20 °C
Mechanical load	~ 72 h at 20 °C
Full load	7 days at 20 °C

APPLICATION — COATING

1 coat: 90 g/m², apply in cross passes then smooth in one direction.

2nd coat: ~ 90 g/m² in cross passes, smooth.
3rd coat: ~ 90 g/m² after 4 to 24 h, recommended for high traffic.

The milky appearance of the varnish disappears upon drying.

An anti-slip additive may be added to the 2nd coat on request.

SAFETY AND STORAGE

- Consult the safety data sheet before use
- Wear appropriate PPE (gloves, goggles)
- Work in a well-ventilated room
- Store between +15 and +25 °C, protect from frost and direct sunlight
- Do not leave more than 100 g of mixture in the packaging (exothermic reaction)

We guarantee the quality of our products. Our recommendations are based on laboratory tests and constitute general indications without warranty, as site conditions are beyond our control. Country-specific rules and applicable regional standards prevail.

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The information in this datasheet is provided for guidance only. Preliminary tests are recommended.
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