

Merit Topas 10

Beskrivelse

A two-component acid-catalyzed lacquer.

Produktegenskaber og anbefalet brug

- Due to its good filling properties, the lacquer gives the finished surface an impression of fullness
- Dries approximately 20–30% faster than standard acid-catalyzed lacquers resulting in a more efficient production output
- More user-friendly than standard acid-catalyzed lacquers, as it does not contain any aromatic solvents
- The emission level of this product fulfils the requirements of E1 classification for surface treatment materials. The product has been tested according to the standard EN 717-1, and its formaldehyde emission rate is less than 0.124 mg/m³ air
- Recommended for furniture, doors and other wooden surfaces indoors

TEKNISK DATA

Volumen tørstof 36±2%

Vægt tørstof 44±2%

Massefylde 1.0 kg/l

Blandingsforhold Lacquer 100 parts by volume Merit Topas 10
Hardener 10 parts by volume 006 2098

Pot life(+23°C) 3 days

Anbefalet påføringsmængde og teoretisk dækkeevne

Recommended spreading amounts (unthinned)		Theoretical coverage
wet	dry	
80–100 g/m ²	30–35 µm	10–12 m ² /l

Practical coverage depends on the application method, conditions and the shape and roughness of the surface to be treated.

Tørretid

80–100 g/m ²	+23 °C	+50 °C
Touch dry, after	20–30 min	10–15 min
Dry to sand, after	2–3 h	20–30 min
Dry to pack, after	24 h	35–50 min

Stacking temperature below +35°C.

Drying and recoating times are related to the film thickness, temperature, the relative humidity of the air and ventilation.

Glans Mat.

Farvenuancer Clear.

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PÅFØRINGSINSTRUKSER

Overflade forberedelse	Remove dust, loose particles and other impurities from the surface. Wood surfaces must be sanded with sandpaper P150–320. Sanding prior to the next application with sandpaper P240–400. All sanding dust must be removed.
Anbefalede primere	Merit Sanding, Merit Topas 10.
Påføringsforhold	The surface to be treated has to be clean and dry. The moisture content of wood has to be below 18%. During application and drying temperature of the air, substrate and the product must be over +18°C and relative humidity of the air below 80%. Good ventilation is required to ensure optimal result. Product can be dried with or without oven.
Blanding af komponenter	First stir base and hardener separately. The correct proportions of base and hardener must be mixed thoroughly before use. Use power mixer for mixing. Insufficient mixing or incorrect mixing ratio will result in uneven drying of the surface and weaken the properties of the coating. Do not use iron containers as mixing container. Instead use plastic, enamel or acid resistant steel containers. In case the paint mixture is used on the next day, add at least an equal amount of fresh paint mixture.
påføring	For airless spraying, the product is thinned approximately 5–20% to the viscosity 20–30s (DIN4). Recommended nozzle tip is 0.009"–0.013" and pressure 100–160 bar. Spray angle shall be chosen according to the shape of the object. For air-assisted airless spraying, the product is thinned approximately 5–20% to the viscosity 20–30s (DIN4). Recommended nozzle tip is 0.009"–0.013" and pressure 40–120 bar. Atomising air pressure should be about 1–3 bar. Spray angle shall be chosen according to the shape of the object. For conventional spraying, the product is thinned approximately 5–20% to the viscosity 20–30s (DIN4). Recommended nozzle tip is 1.0–1.8 mm and pressure 2–3 bar. For curtain coating, the product is thinned approximately 0–10% to the viscosity 40–50s (DIN4). Avoid too high pumping pressure and flowing speed.
Fortyndere	Thinner 1058, Thinner 1035
Rengøring af udstyr	Thinner 1035 or 1058
VOC	The Volatile Organic Compounds amount is 550 g/litre of paint. Maximum VOC content in ready to use paint (thinned 20% by volume) is 590 g/l.
HELBRED OG SIKKERHED	Emballagen er udstyret med sikkerhedsmærkater, som skal bemærkes. Yderligere information om farlige bestanddele og beskyttelse er nærmere beskrevet i individuelle helbreds- og sikkerhedsblade. Helbreds- og sikkerhedsdatablad kan fås ved henvendelse til Tikkurila.

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